UNISYS

OS/3 System Messages

Operations Reference Handbook

Relative to Release Level 11.0

Priced Item

August 1987

Printed in U S America
UP-8076 Rev.11

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Operations Reference Handbook

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PAGE STATUS SUMMARY

ISSUE: Update D – UP–8076 Rev.11
RELEASE LEVEL: 11.0 Forward

Part/Section	Page Number	Update Level
Cover		D
Title Page/Disclaimer		D*
PSS	1 thru 6	D
Preface	1	Orig.
	2	B
Contents	1, 2	Orig.
	3	B
	4	Orig.
1	Tab Breaker	Orig.
	1 thru 4	Orig.
	5, 6	C
	7 thru 26	Orig.
2	Tab Breaker	Orig.
	1 thru 6	Orig.
	7	A
	8 thru 19	Orig.
	20	D
	20a	D
	21 thru 23	D
	24, 25	Orig.
	26	B
	27 thru 39	Orig.
	40	D
	40a	D
	40b	D*
	41 thru 59	Orig.
	60	B
	61, 62	D
	62a	D
	63 thru 67	B
	68	Orig.
	69 thru 71	D
	72	B
	73 thru 75	Orig.
	76	C
	77	Orig.
	78	D

*New pages

Part/Section	Page Number	Update Level
2 (cont)	79 thru 87	Orig.
	88	C
	89	Orig.
	90	D
	90a	D*
	91 thru 99	Orig.
	100	A
	101 thru 112	Orig.
	113	D
	114	Orig.
	115	D
	116 thru 133	Orig.
	134	D
	134a	D*
	135 thru 149	Orig.
	150	A
	150a	A
	151, 152	B
	152a	B
	153 thru 155	Orig.
	156	D
	156a	D*
	157 thru 165	Orig.
	166	B
	166a	B
	167, 168	Orig.
	169	D
	170	Orig.
	171	A
	172	C
	173	B
	174	A
	175 thru 189	A
	190 thru 199	Orig.
	200	B
	201 thru 220	Orig.
	221 thru 223	C
	224 thru 240	Orig.
	241 thru 244	A
	245 thru 247	Orig.
	248 thru 252	A
	252a thru 252c	A
	253 thru 256	Orig.
	257	D
	258 thru 263	Orig.
	264	D
	264a	D*
	265 thru 268	Orig.
	268a thru 268c	C

*New pages

Part/Section	Page Number	Update Level
2 (cont)	269 thru 278	Orig.
	279, 280	C
	280a thru 280c	C
	281	Orig.
	282	B
	282a	B
	283	B
	284 thru 286	Orig.
	287	B
	288 thru 290	Orig.
	291, 292	C
	292a	C
	293	B
	294	D
	295 thru 315	Orig.
	316	B
	316a	B
	317 thru 321	Orig.
	322	A
	323 thru 331	Orig.
	332	A
	333, 334	Orig.
	335	A
	336 thru 339	Orig.
	340	C
	340a	C
	341	D
	342 thru 350	Orig.
	351, 352	D
	353 thru 356	Orig.
	357, 358	D
	359 thru 366	Orig.
	367 thru 369	D
	370 thru 380	Orig.
	381 thru 384	B
	385 thru 388	Orig.
	389 thru 392	D
	393 thru 395	Orig.
	396, 397	B
	398 thru 401	Orig.
	402	B
	402a thru 402d	B
	403, 404	D
	405, 406	Orig.
	407, 408	D
	408a	C
	409 thru 416	Orig.
	417	B
	418	C

Part/Section	Page Number	Update Level
2 (cont)	419, 420	Orig.
	421	C
	422	D
	422a	C
	423 thru 466	Orig.
	467	D
	468	C
	468a, 468b	C
	469	D
	470 thru 477	Orig.
	478 thru 481	D
	482 thru 485	Orig.
	486 thru 488	D
	489	D*
3	Tab Breaker	Orig.
	1 thru 12	Orig.
4	Tab Breaker	Orig.
	1	Orig.
	2	B
	2a	B
	3, 4	Orig.
	5, 6	B
	7 thru 13	Orig.
	14	B
5	Tab Breaker	Orig.
	1 thru 16	Orig.
	17 thru 20	D
	21	Orig.
	22	C
	22a	C
	23	Orig.
	24, 25	D
	26 thru 35	Orig.
	36	D
	37	Orig.
	38	B
	38a	B
	39, 40	Orig.
	41	C

*New pages

Part/Section	Page Number	Update Level
Appendixes	Tab Breaker	Orig.
A	1	Orig.
	2	C
	3 thru 6	Orig.
	7 thru 9	D
	10 thru 13	Orig.
	14	B
	15 thru 20	Orig.
	21 thru 25	C
B	1	Orig.
C	1 thru 10	Orig.
D	1, 2	Orig.
	3	D
	4	Orig.
	5	D
	6	C
	6a	B
	7	B
	8	D
	9	C
	10 thru 14	B
	15	D
	16	C
	17, 18	B
	19	C
	20 thru 22	B
E	1	B
	2	Orig.
	3	B
	4 thru 6	D
	7	B
	8	Orig.
	9	B
	10, 11	D
F	1 thru 6	Orig.
	7	B
	9 thru 14	Orig.
	15, 16	B
	16a	B
	17, 18	Orig.

Part/Section	Page Number	Update Level
G	1, 2	Orig.
H	1, 2	Orig.
I	1 thru 3	Orig.
J	1 2 3 thru 5	A C A
K	1 thru 3	Orig.
L	1, 2	Orig.
M	1	D
User Comment Form		

Preface

This operator/programmer reference manual is a quick-reference document for operators and programmers. The system messages described here are directed to either the system operator via the system console, or to the programmer via display on a workstation and a hard copy from the high-speed printer. System messages inform the operator of his job status or tasks to be performed. The programmer is also informed of errors detected in the job or whether the job was completed successfully. A brief explanation and required action follows each message, unless this information is self-explanatory or no response is required.

System messages are grouped according to prefixes into four sections. These and all other sections in the manual are:

- Section 1. Introduction and Guide

  Introduces you to the messages included in this manual and explains how they are arranged and described.

- Section 2. Alphabetically Prefixed Messages

  Lists and describes the system messages, whether for the operator or programmer, that begin with an alphabetic prefix.

- Section 3. Numerically Prefixed Messages

  Lists and describes the operator and programmer system messages that begin with a numeric prefix.

- Section 4. Symbolically Prefixed Messages

  Lists and describes the operator and programmer system messages that begin with a symbol. These are in alphabetical order according to the symbol name (e.g., asterisk, delta, or dollar sign).

- Section 5. Unprefixed Messages

  Lists and describes the operator and programmer system messages that are not prefixed by any code or symbol. The messages are listed in alphabetical order according to the message text.

- Appendixes

  List and describe information related to system messages. This information includes the following:

  - Hexadecimal error codes
  - SAT DTF error status field settings
  - RPG II *ERROR field descriptions
  - HPR stop codes

- Data management error message subcodes
- IMS transaction termination messages
- IMPL and IPL hardware error displays
- SAMRPT error codes
- DDP error codes for work order rejection by remote host
- Software maintenance package error codes
- Interprocess control facility error codes
- COBOL I/O status key values
- DBMS error messages

Contents

PAGE STATUS SUMMARY

PREFACE

CONTENTS

1. INTRODUCTION AND GUIDE

1.1.	GENERAL	1-1
1.2.	MESSAGES COVERED	1-3
1.3.	MESSAGE PRESENTATION	1-4
1.4.	MESSAGE DESCRIPTIONS	1-7
1.4.1.	Assembler	1-7
1.4.2.	Remote Terminal Processor Input Reader Program	1-7
1.4.3.	System Librarian	1-8
1.4.4.	COBOL Programs	1-8
1.4.5.	COBOL Editor	1-8
1.4.6.	Disk Cache Feature	1-8
1.4.7.	Remote Terminal Processor Communications Interface to ICAM	1-8
1.4.8.	Job Control - Workstation Connect	1-8
1.4.9.	Distributed Data Processor	1-8
1.4.10.	Supervisor - Spooling Display Information	1-9
1.4.11.	Data Management	1-10
1.4.12.	Dialog Processor	1-10
1.4.13.	Disk Dump/Restore Routine	1-10
1.4.14.	Dialog Specification Language Translator	1-10
1.4.15.	Data Utility Routines	1-10
1.4.16.	Data Utilities Fast Loader	1-10
1.4.17.	General Editor	1-11
1.4.18.	Error File Processor	1-11
1.4.19.	Supervisor - Error Log	1-11
1.4.20.	Basic FORTRAN Program	1-11
1.4.21.	Hardware Utility Routines	1-14
1.4.22.	Extended FORTRAN Program	1-14
1.4.23.	IMS - Prefixed Start-up Messages	1-14
1.4.24.	Distributed Data Processor Interprocess Control Facility	1-14
1.4.25.	Initial Program Load	1-15
1.4.26.	Supervisor - Input Reader	1-15
1.4.27.	Interactive Service Utility	1-15
1.4.28.	Job Control - Operator Messages	1-15
1.4.29.	Linkage Editor	1-15
1.4.30.	Library Utilities	1-15
1.4.31.	System Log Accumulation Utility	1-16
1.4.32.	Log Recall Routine	1-16

1.4.33.	System/3 Diskette	1-16
1.4.34.	Integrated Communications Access Method	1-16
1.4.35.	Merge Routine	1-17
1.4.36.	Menu Generator	1-17
1.4.37.	MIRAM Librarian	1-17
1.4.38.	Diskette Output Writer	1-18
1.4.39.	Menu Processor	1-18
1.4.40.	NTR Utility	1-18
1.4.41.	Output Writer - Diskette, Printer, and Punch	1-18
1.4.42.	Remote Terminal Processor Printer Service, Display Printer Status, and Card Punch Routines	1-19
1.4.43.	Distributed Data Processing Program-to-Program Module	1-19
1.4.44.	Data Base Management System	1-19
1.4.45.	RPG II Editor	1-19
1.4.46.	RPG Programs	1-20
1.4.47.	Output Writer-Remote Printer	1-20
1.4.48.	Job Control/OCL	1-21
1.4.49.	System Activity Monitor	1-21
1.4.50.	Job Control - Restore Processor	1-21
1.4.51.	System Dump Utility	1-21
1.4.52.	System Errors	1-22
1.4.53.	Screen Format Services	1-22
1.4.54.	Screen Format Generator	1-22
1.4.55.	Supervisor - Spooling Initialization	1-22
1.4.56.	Software Maintenance Package	1-22
1.4.57.	Sort/Merge Routines	1-22
1.4.58.	System Activity Monitor Report	1-23
1.4.59.	System Security	1-23
1.4.60.	Remote Terminal Processor Unattended Sign-on Command	1-23
1.4.61.	Job Control Save Processor	1-23
1.4.62.	Screen and Data Converter	1-23
1.4.63.	Data Management - Tape Prep	1-23
1.4.64.	Supervisor - Trace Monitor	1-23
1.4.65.	Remote Terminal Processor Tape Receive Routine	1-24
1.4.66.	Remote Terminal Processor Tape Transmit Routine	1-24
1.4.67.	Tape Utility Routines	1-24
1.4.68.	Disk Utility Routines	1-24
1.4.69.	Emulator - Diagnostics	1-24
1.4.70.	Emulator/Conversion Utilities	1-25
1.4.71.	9200/9300 Unload Conversion Utility	1-25
1.4.72.	COBOL Message Control System	1-25
1.4.73.	Assembler and Emulator Scan Utility	1-25
1.4.74.	Distributed Data Processor	1-25
1.4.75.	Supervisor - System Console Interface	1-25
1.4.76.	Catalog File Processor	1-26
1.4.77.	Dump/Restore Routine	1-26
1.4.78.	IPL, Supervisor, Reload Conversion Utility, IMS, and COBOL Message Control System	1-26

2. ALPHABETICALLY PREFIXED MESSAGES

3. NUMERICALLY PREFIXED MESSAGES

4. SYMBOLICALLY PREFIXED MESSAGES

5. UNPREFIXED MESSAGES

APPENDIXES

A. ERROR CODES

B. SAT DTF ERROR STATUS FIELD SETTINGS

C. RPG II *ERROR FIELD DESCRIPTIONS

C.1. *ERROR C-1
C.2. FILE DESCRIPTOR (FILE DES) C-3
C.3. TABLE LINKAGE FIELD (TLF) C-4
C.4. INPUT/OUTPUT REQUEST BLOCK (IORB) C-4
C.5. REMOTE CONTROL BLOCK (RCB) C-6
C.6. STATUS BYTE FIELD C-8

D. HPR STOP CODES

E. DATA MANAGEMENT ERROR MESSAGE SUBCODES

F. IMS TRANSACTION TERMINATION MESSAGES

F.1. SINGLE-THREAD IMS F-1
F.2. MULTITHREAD IMS F-7
F.3. IMS DDP TRANSACTION FACILITY ERROR CODES F-16

G. IMPL AND IPL HARDWARE ERROR DISPLAYS

H. SAMRPT ERROR CODES

I. DDP ERROR CODES FOR WORK ORDER REJECTION BY REMOTE HOST

J. SOFTWARE MAINTENANCE PACKAGE ERROR CODES

K. INTERPROCESS CONTROL FACILITY (IPC) ERROR CODES

L. COBOL I/O STATUS KEY VALUES

M. DBMS ERROR MESSAGES

USER COMMENT SHEET

FIGURES

5-1. Typical Series 90 COP Printout Showing Operator Diagnostic Requests 5-8
5-2. Typical System 80 Operator Diagnostic Requests 5-10

TABLES

1-1. System Message Prefix Index 1-4
1-2. Variables for Basic FORTRAN Error Messages 1-12
A-1. Error Codes A-2
C-1. Information Placed in *ERROR Fields when a Particular Error Condition Occurs C-1

D-1.	HPR Stop Codes	D-3
F-1.	IMS DDP Transaction Facility Error Codes	F-16
G-1.	IMPL/IPL Error Code Displays	G-1
L-1.	Status Key Values and Meanings	L-1

1. Introduction and Guide

1.1. GENERAL

The software components of the SPERRY Operating System/3 (OS/3) communicate with the system operator through messages displayed on the system console, and with the programmer through messages displayed on the workstation or listed on the printer. These messages include the status of the system, when a job is started or completed, the errors encountered during job execution, and a wide variety of diagnostic information that may be used to correct or continue a job.

- The general format of a console message is:

  Format 1 (Series 90):

  ▷ ji { ? / △ / * } **message-text**

  Format 2 (System 80):

  nn { ? / △ / * } { **jobnamez** / **synnnn** } **message-text**

  where:

  ▷

  Is the start-of-entry (SOE) symbol (must precede all lines).

  j (format 1)

  Is a 1-digit job number that is assigned to each active job in the system. The numbers 1 through 7 are assigned to user jobs as they become scheduled for execution. The number assignments for user jobs are shown in the header area on the system console screen; as each job is assigned a job number, its job name replaces the number previously displayed. This assigned number is used in output messages to identify the job that transmitted the message and in input messages to identify the job that is to receive the message. The supervisor and its associated symbionts are always assigned the job number 0.

i (format 1)

Is a 1-digit hexadecimal message-id. Message-ids are consecutively assigned to output messages that are generated by user jobs beginning with the number 1 and ending with the letter F. Likewise, message-ids are consecutively assigned to output messages generated by the supervisor. Message-ids are used together with the job numbers to explicitly identify each message in the system. When an output message requires a reply, the reply message must be prefixed with the job and message-id of the message requesting the reply. Unsolicited input messages are identified by the message-id 0. Thus, an unsolicited message to the supervisor has the prefix 00; and an unsolicited message to job number 1 has the prefix 10; job 2 has the prefix 20, etc.

nn (format 2)

Is a unique message number from 11 to 73 (numbers 1 thru 10 are reserved for other system uses). This number serves as the message-id. When an output message requires a reply, the responding message must be prefixed with the message-id (nn) of the message that requested the reply.

?

Identifies an output message that must be responded to before the job that issued the message can continue. Output messages requiring replies are not rolled off the console or workstation screen until they are answered.

△

Identifies an output message that requires no reply or operator action: information only. Input messages, solicited and unsolicited, must include a space between the message number and message text.

*

Identifies an output message that requires some action to be taken by the operator. The job that generated the message has placed itself in a "yield" state. A GO command is required from the operator to reactivate the job.

jobnamez

Is the name of the user job sending the message. This name is the 8-character name taken from the job preamble.

synnnn

Is the name of the symbiont sending the message. This name is the 2-character symbiont identification (sy) concatenated with a 4-digit binary job number (nnnn) that is inserted at task initiation.

message-text
Is comprised of a prefix followed by the actual message. The prefix is used to identify the message and can be alphabetic, numeric, symbolic, or blank, depending on the OS/3 component that directed the message. The maximum length of the message-text is 60 characters.

- The general format of a printer message is:

message-code-number { **blanks** / **special-symbols** } **message-text**

where:

message-code-number
Is a message number that is used to identify the message. It consists of one or more alphabetic characters followed by one or more numeric characters. The alphabetic characters are the message code prefix.

blanks and special-symbols
Are one or more delimiters used to separate the message text from the message code number.

message-text
Is the actual message and has a maximum length of 60 characters, including the number of characters used for the message code number and delimiters.

1.2. MESSAGES COVERED

All of the messages capable of being either displayed or printed by the OS/3 components are in this manual except the following:

COBOL compiler messages

FORTRAN compiler messages

Report Program Generator II (RPG II) compiler messages

Information management system (IMS) messages not displayed on a terminal or the console, or messages that are displayed in response to terminal commands.

Online diagnostic and maintenance (OLM) messages

These messages are covered in the individual documents prepared for these components.

1.3. MESSAGE PRESENTATION

All messages and error codes are listed and described in alphabetical-numerical order, regardless of OS/3 component origin and whether the message is displayed on the system console or the workstation, or listed on the high-speed printer.

Table 1-1 lists the message prefixes, the OS/3 components with which each message is associated, and the section number in which the message is described. Messages are listed in the order they are presented in Table 1-1.

Table 1-1. System Message Prefix Index (Part 1 of 3)

Message Prefix	Originating Component
Section 2. Alphabetically Prefixed Messages	
A	Assembler
BR#	Remote terminal processor input reader program
Bnnn	System librarian
CA,CC,CD,CE	COBOL programs
CED	COBOL editor
CN	Job control - workstation connect
CM	Disk cache feature
CM#	Remote terminal processor interface to ICAM
DDP	Distributed data processor
DI	Supervisor - spooling display information
DM	Data management
DP	Dialog processor
DR	Disk dump/restore routine
DSL	Dialog specification language translator
DU	Data utility routines
ED	General editor
EFP	Error file processor
EL	Supervisor - error log
F$	Basic FORTRAN program
FL	Extended FORTRAN program
HU	Hardware utility routines
IMS	Information management system
IPC	Distributed data processor interprocess control facility
IPL	Initial program load
IR	Supervisor - input reader
IS	Interactive service utility

Table 1-1. System Message Prefix Index (Part 2 of 3)

Message Prefix	Originating Component
Section 2. Alphabetically Prefixed Messages (cont)	
JC,JS	Job control - operator messages
K	Linkage editor
LB	Library utilities
LOG	System log accumulation utility
LR	Log recall routine
LU	System/3 diskette
MCXX	Menu processing
MC#	Integrated communications access method
MERGE	Merge routine
MG	Menu generator
ML	MIRAM librarian
MN	Menu processor
NTR	NTR utility
OD	On-line disk
PD	Output writer - diskette
PR	Output writer - printer
PR#	Remote terminal processor printer service routine
PS#	Remote terminal processor printer status routine
PTP	Distributed data processor program-to-program module
PU	Output writer - punch
PU#	Remote terminal processor card punch routine
Q	Data base management system
RED	RPG II editor
RPG	RPG programs
RP	Output writer - remote printer
Rnnn,Rnn	Job control/operation control language - programmer messages
SAM	System activity monitor
SC	Job control - save/restore facility
SD	System dump utility
SE	System errors
SF	Screen format services
SFG	Screen format generator
SI	Supervisor - spooling initialization
SMP	Software maintenance package

Table 1-1. System Message Prefix Index (Part 3 of 3)

Message Prefix	Originating Component
Section 2. Alphabetically Prefixed Messages (cont)	
SORT	Sort/merge routines
SRP	System activity monitor report
SS	System security
SU#	Remote terminal processor unattended sign-on command
SV	Job control - save processor
S&D	Screen and data converter
TP	Tape prep
TRACE	Supervisor - trace monitor
TR#	Remote terminal processor tape receiver routine
TX#	Remote terminal processor tape transmit routine
UNX	U
UP	Tape utility routines
US	Disk utility routines
Section 3. Numerically Prefixed Messages	
nn	Emulator - diagnostics
nnnn	Emulator/conversion utilities
77nn	9200/9300 unload conversion utility
Section 4. Symbolically Prefixed Messages	
*	COBOL message control system
***	Assembler and emulator scan utility
*****	Distributed data processor
◹ ◹ (blinking)	Supervisor - system console interface
_ _ ϟ _ _ (12)	Catalog file processor
Section 5. Unprefixed Messages	
None	Initial program load, supervisor, reload, conversion utility, information management system, and COBOL message control system

1.4. MESSAGE DESCRIPTIONS

Except for variables, each message is shown as it appears on the system console, the workstation, or the printer. Wherever a variable occurs in a message, the variable is printed in lowercase letters; all fixed message text is in uppercase letters.

Sometimes special symbols are used in messages that cannot be printed by the high-speed printers installed at a facility because of the character set being used with a printer. For example, the standard 48-character business print set does not contain an equals sign. Thus, when an equals sign is supposed to be printed and a 48-character business print set is being used, a percent symbol is printed in its place. Since the replacement symbols printed are a customer option, they cannot be defined in this manual. However, special symbols appearing in the messages may be replaced by any other symbol without affecting the meaning of the message.

If an operator message cannot be written to the console log, one blinking error symbol (▽) is displayed at the end of the message. This indicates that the message has been accepted but is not recorded in the console log; it is not to be confused with the error messages described in this manual.

Each message description in this manual contains a brief description of the message text, the status of the program or job that originated the message, and the corrective action required to remedy the situation, when one is required. "Information only" messages are so designated.

1.4.1. Assembler

The assembler program messages are divided into two categories:

- Occurrence during normal termination

  These messages are prefaced by A plus a 3-digit number followed by a line of text describing the cause of the error. For example:

  A004 RELOCATABLE LENGTH

- Occurrence during abnormal termination

  These messages are brief messages describing the cause of the error and begin and end with three asterisks. For example:

  *****SECOND NAME ON LIN STATEMENT ILLEGAL*****

1.4.2. Remote Terminal Processor Input Reader Program

The remote terminal processor input reader program (RT$SPL) messages are prefixed by BR# plus a 2-digit number followed by a line of text describing the cause for the error. For example:

BR#03 TAPE PARAM ERRORS, WILL SKIP JOB jobname

1.4.3. System Librarian

The librarian program messages are prefixed by B plus a 3-digit number and five asterisks (*) followed by text describing the cause of the error. For example:

B001***INVALID COMMAND**

1.4.4. COBOL Programs

The COBOL program messages are prefixed by CA, CC, CD, or CE plus a 2-digit number followed by a brief line of text describing the cause of the error. For example:

CA10 ACCEPT READY

1.4.5. COBOL Editor

The COBOL editor messages are prefixed by CED plus a 3-digit number followed by a brief message describing the cause of the error. For example:

CED035 INVALID SECTION HEADER ENCOUNTERED. CORRECT DATA AND TRANSMIT.

1.4.6. Disk Cache Feature

The disk cache feature messages occur only if the disk cache feature is configured. These messages are prefixed by CM followed by a 2-digit number and a line of text describing the cause for the error. For example:

CM04 DISK CACHE INITIALIZATION ERROR error-code

1.4.7. Remote Terminal Processor Communications Interface to ICAM

The remote terminal processor communications interface to ICAM messages are prefixed by CM# plus a 2-digit number followed by a line of text describing the cause of the error. For example:

CM#17 PARITY ERROR DOWN

1.4.8. JOB Control - Workstation Connect

These job control messages occur during a workstation connect procedure. They are prefixed by CN plus a 2-digit number followed by a message. For example:

CN23 DISCONNECTED FROM JOB jobname

1.4.9. Distributed Data Processor

The DDP messages are divided into two categories;

- Symbolically prefixed messages

  The symbolically prefixed DDP messages begin and end with five asterisks. For example:

  *******DDPnnn IS AN INVALID MESSAGE*******

- Alphabetically prefixed messages

  Most of the alphabetically prefixed DDP messages fall into one of two categories:

  DDP001: COMMAND ABORTED
  DDP021: COMMAND ERROR

Subordinate messages explaining the problem follow these messages.

These two DDP messages and other independent messages (as opposed to the subordinate, explanatory messages) have the following format:

DDPnn mmm mid cccccccc message WO=nnnnnn hh:mm:ss

where:

DDPnnn
Is the reference number of the message.

mmm
Is the 3-character abbreviation for the module detecting the condition. This is not useful. Ignore it.

mid
Is the number of the subordinate message that follows. If there is no subordinate message, mid=nnn.

cccccccc
Is the command you entered (such as COPY or CREATE) to which this message refers.

message
Is the text.

WO=nnnnnn
Is the work order number DDP returns to you to help you keep track of your tasks.

hh:mm:ss
Is the time the reported condition was detected. The format is hours:minutes:seconds.

1.4.10. Supervisor – Spooling Display Information

The supervisor spooling display information messages are used by the operator for information or action required during a job run. The messages are prefixed by DI plus a 2-digit message identifier number followed by a brief message describing the cause of the error. These messages occur when an operator types in the DISPL command during spooling operations. For example:

DI12 CONTINUE SUMMARY? ***Y,N*

1.4.11. Data Management

The data management messages are for programmer information or action. They are prefixed by DM plus a 2-digit message identifier number. The prefix is followed by the user's logical file name (i.e., LFD name), a 3-digit channel/device identifier, and the message text. Some messages are subtype coded. On these messages, the text ends with TYPE=nn, where nn is the subtype code that further defines the particular error. For example:

DM14 filename chan/device INVALID IMPERATIVE ISSUED, TYPE=nn

1.4.12. Dialog Processor

The dialog processor messages are prefixed by DP plus a 3-digit number followed by a brief message describing the cause of the error. For example:

DP011 INVALID OPERAND IN INPUT FILE

1.4.13. Disk Dump/Restore Routine

The disk dump/restore program messages are prefixed by DR plus a 2-digit number followed by a brief message describing the cause of the error. For example:

DR01 INVALID OR NO // PARAM CARD JOB TERMINATED

1.4.14. Dialog Specification Language Translator

The dialog specification language messages are prefixed by DSL plus a 3-digit number followed by a brief message describing the cause of the error. For example:

DSL028 INVALID STRING EXPRESSION

1.4.15. Data Utility Routines

The data utility routines messages are prefixed by DU and a 2- or 3-digit number, plus a letter indicating that this is a warning (W) message, an informational (I) message, a serious (S) error condition, or a fatal (F) error condition; followed by a brief message describing the cause of the error. For example:

DU20 -W- NUMBER OF COMPARISON ERRORS EXCEEDS SPECIFIED MAX

1.4.16. Data Utilities Fast Loader

The data utilities fast loader messages are prefixed by DUF and a 2-digit number, plus a letter indicating that this is a warning (W) message or a serious (S) error condition, followed by a brief message describing the cause of the error. For example:

DUF42 -W- PARAM ERROR. FV PARAMETER INVALID

1.4.17. General Editor

The general editor messages are prefixed by ED plus a 3-digit number followed by a brief message describing the cause of the error. For example:

ED020 INVALID OR DUPLICATE COLUMN RANGE

1.4.18. Error File Processor

The error file processor messages are prefixed by EFP plus a 3-digit number followed by a brief message describing the cause of the error. For example:

EFP101 INVALID SYNTAX

1.4.19. Supervisor - Error Log

Supervisor error-log messages are prefixed by EL and a 2-digit number followed by a brief message describing the cause of the error. These messages may occur during system error-log file generation. For example:

EL00 NO LOG FILE

1.4.20. Basic FORTRAN Program

The Basic FORTRAN program (run-time diagnostic) messages are prefixed by F$ plus two hexadecimal characters followed by a brief message describing the cause of the error. For example:

F$22 UNDEFINED UNIT - UNIT uuuu

where:

uuuu
Specifies the unit number, in decimal.

Table 1-2 lists the variables that may be used in the Basic FORTRAN error messages.

Table 1-2. Variables for Basic FORTRAN Error Messages (Part 1 of 2)

Variable	Description
iiiiiii	Specifies the count (in hexadecimal) of program check interrupts caused by the operations of program, and is printed only if nonzero
nnnnn	Specifies the display message (in decimal) on a STOP or PAUSE statement
uuuu	Specifies the decimal unit number
tt	Specifies the unit type: 01 Tape 02 Sequential disk 03 Punch 04 Card reader 05 Printer 06 Direct access disk 07 Equivalent unit 08 Reread unit
eeee	Specifies the hexadecimal error code. Users of basic data management should refer to the basic data management user guide, UP-8068 (current version). Consolidated data management users should refer to the consolidated data management macroinstructions user guide/programmer reference, UP-8826 (current version).
ssssssss	Specifies the SAVE AREA address
pppppp	Specifies the SUBROUTINE or FUNCTION name. This parameter is blank for a main program.
aaaaaaaa	Specifies a hexadecimal address
ccc	Specifies the hexadecimal program check error code for nonrecoverable interrupts. Error codes are described in Appendix A.
kkkk	Specifies the operation code identifying the operation requested: 0 Sequential input unformatted 1 Sequential input formatted 2 Sequential output unformatted 3 Sequential output formatted 7 Printer output 8 Punch output 11 Card reader input

Table 1-2. Variables for Basic FORTRAN Error Messages (Part 2 of 2)

Variable	Description	
kkkk (cont)	20	Direct access input unformatted
	21	Direct access input formatted
	22	Direct access output unformatted
	23	Direct access output formatted
	42	Backspace
	82	Rewind or endfile

1.4.21. Hardware Utility Routines

These messages are generated by the disk prep, copy, and dump/restore routines. They are prefixed by HU and a 3-digit number followed by a line of text describing the error. For example:

HU001 UNEXPIRED FILE filename ON VOLUME vsn IC

1.4.22. Extended FORTRAN Program

There are four types of extended FORTRAN program (run-time diagnostic) messages:

- Fatal Error

  An error has occurred from which no reasonable recovery is possible. The execution is terminated with a dump.

- Count Error

  A series error has occurred and is controlled by the values in the error definition table for your program. Program execution continues until the count in the table is exhausted. The program is terminated with a dump when the count is exhausted. The number of times the message is printed is also controlled by a separate count in the table.

- Nonfatal Error

  An error has occurred for which there is a standard recovery procedure. Program execution continues after the recovery procedure.

- Termination Error

  When an execution is terminated, some messages are printed, summarizing the events that occurred. These messages are for information only.

The messages are prefixed by FL plus three hexadecimal digits, and are followed by a brief message describing the cause of the error. For example:

FL0F0 PROGRAM EXECUTION CONTINUES

1.4.23. IMS - Prefixed Start-up Messages

IMS start-up messages usually require corrective action by the programmer. Prefixed start-up messages have the following format:

IMS STARTUP ERROR - message-text

1.4.24. Distributed Data Processor Interprocess Control Facility

The DDP interprocess control facility messages are prefixed by IPC plus a 3-digit number followed by text explaining the error. For example:

IPC003 filename IPC INTER ERR - AP INTERFACE ERR CODE = error-code

1.4.25. Initial Program Load

Operator messages issued during initial program load (IPL) may be informational or messages requiring operator response or action. They are prefaced by IPL plus a 2-digit identifier followed by a brief message describing the cause of the error. For example:

IPL02 IPL TERMINATED ABNORMALLY ERROR CODE=error-code

1.4.26. Supervisor - Input Reader

The supervisor input reader messages are used by the operator for information or action required during a job run. The messages are prefaced by IR plus a 2-digit message identifier number followed by a brief description of the cause of the error. These messages occur during spooling operations with the input reader by the supervisor. For example:

IR01 MISSING OR INVALID // DATA STATEMENT

1.4.27. Interactive Service Utility

Interactive service utility messages are generated by the software that processes workstation commands. These messages are prefixed by the letters IS and a 2-digit number. For example:

IS31 SYSTEM ERROR: COULD NOT PROCESS THE COMMAND

1.4.28. Job Control - Operator Messages

Operator messages issued by job control may be informational or messages requiring operator response or action. They are prefixed by JC plus a 2-digit message identifier number followed by a brief message describing the cause of the error. For example:

JC02 JOB jobname TERMINATED NORMALLY

Errors being detected in the canned job control stream reader are sent to the operator. These messages are prefixed by JS plus a 2-digit identifier followed by a brief description of the problem and corrective action required. For example:

JS00 ISAM REQ. CONTIGUOUS SPACE FOR FILE & LABEL

1.4.29. Linkage Editor

The linkage editor program messages are prefixed by K plus a 3-digit number followed by a brief message describing the cause of the error. For example:

K001 - PHASE LIMIT 100

1.4.30. Library Utilities

The library utilities messages are used by the operator for information or action required during a job run. The messages are prefaced by LB plus a 2-digit message identifier number followed by a brief message describing the cause of the error. For example:

LB07 ERROR ENCOUNTERED WHILE ATTEMPTING TO SCALL

1.4.31. System Log Accumulation Utility

The system log accumulation utility messages may be informational or may require corrective action. They are prefixed by LOG plus a 2-digit message identifier followed by a brief message describing the cause of the error. For example:

LOG01 INVALID PARAMETER

1.4.32. Log Recall Routine

The log recall routine messages are prefixed by LR plus a 2-digit number followed by a line of text describing the cause of the error. For example:

LR03 LOGGING NOT ACTIVE

1.4.33. System/3 Diskette

The copy IBM System/3 diskette program messages are used by the operator for information or action required during a job run. The messages are prefixed by LU plus a 2-digit message identifier number followed by a brief description of the cause of the error. The messages occur during the copying of an IBM System/3 diskette to an OS/3 library file. For example:

LU05 INVALID RECORD LENGTH ON DD CARD

1.4.34. Integrated Communications Access Method

The integrated communications access method (ICAM) messages may be informational or messages requiring operator response or action. They are prefixed by MC# plus a 2- or 3-digit number followed by a brief message describing the cause of the error. These messages have the following general formats:

- **MC#aaa cca-name CA ccpp ll tttt text**

  where:

  MC#
  Is the message prefix.

  aaa
  Is the 2- or 3-digit message identifier number.

  cca-name
  Is the network name.

  CA
  Identifies the communications adapter.

  ccpp
  Is the channel number (cc) and the SLCA port number (pp). Both must be 2-digit numbers.

  ll
  Is the line identifier.

  tttt
  Is the terminal identifier.

Example:

```
MC#13  cca-name  CA  ccpp  MI  tttt  I/O
       ERROR.{LINE}{DOWN}
             {TERM}
```

- **MC#aaa hhmm text**

where:

hh
Is the time (hour) indicator.

mm
Is the time (minute) indicator.

Example:

MC#100 hhmm OS/3 BATCH MONITORING

For other ICAM operator communications specifications, refer to the System 80 operations handbook, UP-8859 (current version) and the ICAM network definitions and operations, UP-8947 (current version).

1.4.35. Merge Routine

Merge program messages are prefixed by MERGE plus two characters and a 2-digit number followed by a brief message describing the cause of the error. For example:

MERGE PF01 MAX INPUT FILES EXCEEDED

1.4.36. Menu Generator

The menu generator messages are prefixed by MG plus a 2-digit number followed by a line of text providing information, describing the cause of an error, or asking a question that requires a user response. For example:

MG02 SAVE INCOMPLETE MENU MODULE? (Y)ES, OR (N)O

1.4.37. MIRAM Librarian

The MIRAM librarian messages are prefixed by ML plus a 2-digit number followed by three asterisks and a brief message describing the cause of the error. For example:

ML022 * INVALID PARAMETER SUPPLIED**

1.4.38. Diskette Output Writer

The supervisor diskette spooling messages are used by the operator for information or action during a run. The messages are prefixed by PD plus the device id followed by a brief description of the cause of the error. These messages may occur during spooling operations with a diskette input or output file. For example:

PD (did) COMPLETED VOLUME vsn FOR FILE filename

where:

(did)
Is the identity of the device.

vsn
Is the volume serial number of the diskette.

filename
Is the 8-character alphanumeric file name.

1.4.39. Menu Processor

The menu processor messages are prefixed by MN plus a 2-digit number followed by a brief message describing the cause of the error. For example:

MN01 MENU MODULE INCONSISTENCY DETECTED

1.4.40. NTR Utility

The NTR utility messages are prefixed by NTR plus a 2-digit number and a brief message describing the cause of the error. For example:

NTR02 SIGN-ON COMPLETE SITE-ID=site-id

1.4.41. Output Writer - Diskette, Printer, and Punch

The supervisor output writer messages for diskette, printer, and punch are used by the operator for information or action required during a run. The messages are prefixed by PD, PR, or PU to identify a diskette, printer, or punch output device; they are followed by a brief description of the cause of the error. These messages may occur during spooling operations with the output writer and are generated by the supervisor. For example:

{PR / PU / PD} (did) MESSAGE REJECTED. RESPOND TO TYPEOUT.

where:

PR
Is an output writer that is processing a print file.

PU
Is an output writer that is processing a punch file.

PD
Is an output writer that is processing a diskette file.

(did)
Is the identity of the output device.

1.4.42. Remote Terminal Processor Printer Service, Display Printer Status, and Card Punch Routines

The remote terminal processor printer service, display printer status, and card punch routine messages are prefixed by PR#, PS#, and PU#, respectively. The prefix is followed by a 2-digit number and a line of text that provides user information or describes the cause of the error. For example:

PR#03 PRINTER ACTIVE - FCB NOT PROCESSED

PS#01 RMnn PRn {ACTIVE / *IDLE*} ,F=form-name,C=vfb-name, L=number-of-lines

PU#01 FILE filename RECEIVED

1.4.43. Distributed Data Processing Program-to-Program Module

The DDP program-to-program module messages are prefixed by PTP plus a 3-digit number followed by text describing the cause of the error. For example:

PTP007 DMOUT/UNLOCK NOT AVAILABLE TO SURROGATE AP

1.4.44. Data Base Management System

DMS messages have a 4-digit prefix starting with Q. The second digit identifies the DMS component issuing the message:

- QBnn is issued by the DBREC utility.
- QDnn is issued by the DBDUM utility.
- QEnn is issued by the JFFIX utility.
- QInn is issued by the DBINT utility.
- QPnn is issued by the DBPAG and JFAUD utilities.
- QQnn and QXnn are issued by DMS language processors.
- QRnn is issued by the DBRES utility.
- QSnn is issued by the syntax analyzer.
- QUnn is issued by DMS utility processors.
- QWnn is issued by the DBMS run-time component.
- QYnn is issued by the start-up and shutdown routines.

1.4.45. RPG II Editor

The RPG II editor messages are prefixed by RED plus a 3-digit number followed by a brief message describing the cause of the error. For example:

RED004 @FORMAT COMMAND WAS ISSUED WITHOUT PARAMETER (STRING).

1.4.46. RPG Programs

The report program generator (RPG) program messages are divided into two categories:

- Messages displayed on the system console for operator information or action
- Messages on the high-speed printer for programmer information or action

The RPG messages displayed on the system console for the operator are prefaced in two ways:

1. RPGC and a 3-digit number followed by a brief message describing the cause for the display. For example:

   RPGC002 NO EMBEDDED DATA FILE FOR GETCS

2. RPG plus a 3-digit number followed by a brief message describing the cause for the display. For example:

   RPG032 INVALID CHAINING REQUEST

Messages sent to the printer during normal operation are prefaced by RPG plus a 3-digit number followed by a brief message describing the cause for the type-out. For example:

RPG001 filename UNDEFINED RECORD TYPE

If you have specified operator control (A1 column 9 of the control card specification form), you can control program execution using the following options:

Option	Meaning	Action
0	Continue	Control is returned to the program and processing continues.
1	Bypass	The remainder of the program cycle is bypassed and the next record is read.
2	Controlled termination	Last record processing is performed.
3	Immediate termination	Program is terminated immediately.

1.4.47. Output Writer – Remote Printer

The supervisor output writer messages for remote printer are used by the operator for information or action required for a run. They are prefixed by RP plus a 2-digit number followed by a line of text. These messages may occur during spooling operations with the output writer and are generated by the supervisor. For example:

RP04 PRINTER NOT AVAILABLE. OUTPUT WRITER TERMINATED

1.4.48. Job Control/OCL

Job control/OCL messages are prefixed in two ways:

1. An R plus a 2-digit message identifier followed by a message display indicating the cause of the error condition. For example:

   R01 JOB jobname NOT SCHEDULED-TERMINATED BY RUN PROCESSOR

2. An R plus a 3-digit message identifier without a message display. For example:

   R279

A message description and the corrective action to be taken to remedy the error are included in both message formats.

The R message format with the 3-digit identifier may be followed by floating dollar signs that are used to indicate the approximate area of error in the control statement displayed on the line immediately preceding the R message. For example:

```
// LST=(A,C,K,S)
R279$   $
```

The R messages having the 2-digit identifier precede the R messages having a 3-digit identifier. All messages are presented in numerical order.

NOTE:

In some cases an error cannot be related to a specific control statement (e.g., error during allocations of run library). In such cases, no job control or OCL statement image is displayed.

1.4.49. System Activity Monitor

The system activity monitor messages are prefixed by SAM plus a 2-digit number followed by a message describing the cause of the error. For example:

SAM OPEN ERR: code

1.4.50. Job Control – Restore Processor

These job control messages result when an error occurs during an attempt to restore a saved job (run a job in its translated expanded state). They are prefixed by SC plus a 2-digit number followed by a message. For example:

SC17 RESTORE PROCESSOR ENCOUNTERED ERROR error-code

1.4.51. System Dump Utility

The system dump/job dump messages are prefixed by SD plus two numerics. The code is followed by a brief message. For example:

```
SD01 DUMP OPTION (ALL,NONE,DUMP,TRANSLATE,
     JOBS,RESTORE,SAVE)
```

1.4.52. System Errors

The system error messages are prefixed by SE plus a 2-digit number followed by a brief message describing the cause of the error. For example:

SE07 EARLY WARNING - OVER TEMPERATURE CONDITION EXISTS

1.4.53. Screen Format Services

The screen format services messages are prefixed by SF plus a 2-digit number followed by a brief message describing the cause of the error. For example:

SF03 filename chan/device INVALID OUTPUT RECORD SIZE

1.4.54. Screen Format Generator

The screen format generator messages are prefixed by SFG plus a 2-digit number followed by a brief message describing the cause of the error. For example:

SFG40 INTERNAL LENGTH IS LESS THAN DEFAULT FOR USAGE SPEC'D

1.4.55. Supervisor - Spooling Initialization

Most supervisor initialization messages are only informational and processing continues; however, some messages require action. The messages are prefixed by SI plus a 2-digit message identifier, followed by a brief message description and the corrective action required, if any. For example:

SI01 SI IGNORED - SYSTEM NOT IDLE

1.4.56. Software Maintenance Package

The software maintenance package messages are prefixed by SMP plus either a 3-digit number or an alphabetic character and a 2-digit number. The prefix is followed by a brief message describing the cause of error. For example:

SMP000 INVALID RESPONSE

SMPM01 INVALID PARAMETER CARD

1.4.57. Sort/Merge Routines

The sort/merge messages are prefixed by SORT plus two characters and a 2-digit number followed by a brief message describing the cause of the error. For example:

SORT AF00 INVALID OPEN CALL - JOB ABORTED

1.4.58. System Activity Monitor Report

The system activity monitor report messages are prefixed by SRP plus a 2-digit number followed by three percent symbols if the message is an error message, or three equal signs if the message is informational. For example:

SRP01 %%% OPEN ERR: code

SRP04 === SAMRPT COMPLETED

1.4.59. System Security

System security messages are prefixed by SS plus a 3-digit number followed by a brief message describing the cause of the error. For example:

SS057 ILLEGAL PROFILE NAME

1.4.60. Remote Terminal Processor Unattended Sign-on Command

The unattended sign-on command messages are generated by the remote terminal processor. They are prefixed by SU# and a 2-digit number followed by a line of text containing user information or describing the cause of an error. For example:

SU#02 INVALID TERMINAL NUMBER - REENTER

1.4.61. Job Control Save Processor

The job control save processor messages occur when an error is encountered during an attempt to save a job in its expanded state. They are prefixed by SV plus a 2-digit number followed by a brief message describing the cause of the error. For example:

SV11 jobname SAVE PROCESSOR ENCOUNTERED ERROR error-code

1.4.62. Screen and Data Converter

The screen and data converter messages describe errors occurring during the translation of screen and data descriptors from IBM System/32 and System/34 to a form acceptable to System 80. They are prefixed by S&D followed by a 2-digit number and a brief explanation of the error. For example:

S&D03 INPUT READ ERROR

1.4.63. Data Management - Tape Prep

Tape prep informational messages are prefixed by TP plus a 2-digit message identifier number followed by a brief message describing the cause of the error. For example:

TP02 INVALID LFD SPECIFIED, TAPE NOT PREPPED

1.4.64. Supervisor - Trace Monitor

Trace monitor messages are prefixed with TRACE plus a 2-digit number followed by a brief description. For example:

TRACE01 BLANK INPUT CARD

1.4.65. Remote Terminal Processor Tape Receive Routine

The remote terminal processor tape receive routine messages are prefixed by TR# plus a 2-digit number. The prefix is preceded by the remote host ID in the form RMrr, where rr is the ID. The text of the message provides user information or describes the cause of an error. For example:

RMrr TR#07 TAPE BUFFER OVERFLOW

1.4.66. Remote Terminal Processor Tape Transmit Routine

The remote terminal processor tape transmit routine messages are prefixed by TX# plus a 2-digit number. The prefix is preceded by the remote host ID in the form RMrr, where rr is the ID. The text of the message provides user information or describes the cause of an error. For example:

RMrr TX#08 ERR ON TAPE CLOSE

1.4.67. Tape Utility Routines

The tape utility program messages are prefaced by UP plus a 2-digit number and followed by a brief message describing the cause of the error. For example:

UP04 END OF JOB

1.4.68. Disk Utility Routines

The disk utility program messages are prefixed three different ways: USA, USC, and USD. All these prefixes are followed by a 2-digit alphanumeric code and a brief message describing the cause of the error. For example:

USAA2 SURFACE ANALYSIS WAS COMPLETED

USC01 PARAM CARD IN ERROR

USD5A TCT READ FROM DISC....LAST DATE PREPPED date

USD0B HOME ADDRESS, TD RECORD AREA ON DISC DEFECTIVE

USD06 THE DEVICE SUPPLIED IS NOT A DISC

1.4.69. Emulator - Diagnostics

Unlike other types, the emulator diagnostic messages contain only a 2-digit alphanumeric code. The code meaning must be located in the list of messages of that group for description. For example:

33

This message code informs the operator that the designated columns must be left blank, with no entry permitted.

1.4.70. Emulator/Conversion Utilities

The emulator/conversion program messages are prefixed by a 4-digit number followed by a brief message describing the cause of the error. For example:

0253 INVALID COMMAND - OPERATION

1.4.71. 9200/9300 Unload Conversion Utility

The 9200/9300 unload conversion utility error messages are prefixed by numerics 77 plus a 2-digit hexadecimal number. The code is followed by a brief message describing the cause of the error. For example:

7700 INPUT DEVICE NOT A DISC UNIT

1.4.72. COBOL Message Control System

The COBOL message control system (CMCS) information type messages are prefixed by an asterisk (*) and followed by a brief message describing the cause of the error. For example:

***INVALID NETWORK TYPE, DEFAULT IS GBL**

1.4.73. Assembler and Emulator Scan Utility

The assembler and emulator scan utility error messages are prefixed by three asterisks, which are followed by a brief message describing the cause of the error. For example:

****A PERIOD HAS BEEN ADDED TO THE BEGINNING OF THE ABOVE SEQUENCE SYMBOL*****

1.4.74. Distributed Data Processor

In addition to the regular distributed data processor messages, which are prefixed by DDPnnn, there are symbolically prefixed messages. These are preceded and followed by five asterisks and appear as follows:

*****DDPnnn IS AN INVALID MESSAGE*****

where:

nnn

Is the invalid message number used by one of the DDP modules.

This is an internal DDP problem. Contact your Sperry representative.

1.4.75. Supervisor - System Console Interface

The system console interface messages are generated by the supervisor. These are negative acknowledgment (NAK) messages, and they are bracketed by one or more blinking marker symbols (◹). NAK messages briefly describe why the command or message was not accepted for processing by the supervisor. For example:

◹ **BAD I.C. BUF** ◹

1.4.76. Catalog File Processor

The catalog file manipulation program messages are prefixed by - - - - - - - - - - - - - E or - - - - - - - - - - - - - W followed by a brief description of the cause of the error. The catalog file (YCAT) is generated by job control, but the catalog file manipulation program (JC$CAT) displays, dumps, or restores the catalog file. An error message example is:

```
- - - - - - - - - - - - - E $Y$CAT CATALOG PASSWORD
                NOT GIVEN OR INVALID
```

1.4.77. Dump/Restore Routine

Dump/restore routine messages are prefixed by >·>·>·>·>·>, which is followed by a brief description of the action taking place. For example:

```
·>·>·>·>·>·>RESTART OF DMPRST AT CYL=cccc HEAD=hh
```

1.4.78. IPL, Supervisor, Reload Conversion Utility, IMS, and COBOL Message Control System

Messages from the supervisor are supplied during initial program load and are not prefixed. For example:

```
ATTENTION INTERRUPT FROM CARD READER IGNORED
```

The reload conversion utility warning/error messages also have no prefix and consist of a brief message describing the cause of the error. For example:

```
BLOCK SIZE DOES NOT EQUAL RECORD SIZE FOR FIXED
        UNBLOCKED OUTPUT RECORDS
```

Three types of unprefixed IMS messages are documented in this manual:

- Configurator error messages
- Start-up error messages
- Transaction termination messages

Most messages require corrective action by the programmer. Some start-up messages are preceded by F for fatal error or W for warning error.

COBOL message control system messages have the following format:

```
CMCS VALIDATION ERROR. MODULE NOT SAVED.
```

2. Alphabetically Prefixed Messages

A

AR001- ARxxx message-text

These messages are generated by the RPG II auto report. The message descriptions and associated corrective actions are contained in the RPG II user guide, UP-8067 (current version).

A001 DUPLICATION FACTOR ERROR

A zero appears in a literal, or there is no positive absolute expression.

Correct or remove the duplication factor.

A002 RELOCATABLE DUPLICATION FACTOR

The duplication factor is relocatable.

Make sure the duplication factor is a positive absolute expression.

A003 LENGTH ERROR

The length is incorrect, or there is an invalid specification.

Correct the length to within the allowable range. Check the constant specification for invalid characters or construction.

A004 RELOCATABLE LENGTH

The length is relocatable.

Make sure the length factor is an unsigned decimal value.

A005 S-TYPE CONSTANT IN LITERAL

There is an S-type constant in a literal.

Correct the literal so it does not contain an S-type (base and displacement) constant.

A006 INVALID ORIGIN

The location counter has been set to a value less than the starting address of the control section.

Correct the instruction that reset the location counter.

A007 LOCATION COUNTER ERROR

The location counter has exceeded $2^{31}-1$.

Correct the instruction that reset the location counter.

A008 INVALID DISPLACEMENT

The displacement in an explicit address is not within 0 to 4095.

Correct the displacement value to within the range of 0 to 4095.

A009 MISSING OPERAND
An operand is missing.

Correct the instruction to include the required operands or change the type of instruction.

A010 INVALID SPECIFICATIONS OF REGISTER OR MASK FIELD
The specification of the mask or register is greater than 15, or an odd register is specified where an even register is required.

Make sure the decimal value of register or specified mask is not greater than 15. Check the instruction to see where an even-numbered register is required; then specify the correct registers.

A011 SCALE MODIFIER ERROR
The scale modifier is too large, or is not an absolute expression.

Make sure the scale modifier is a positive value between 0 and 14.

A012 RELOCATABLE SCALE MODIFIER
The scale modifier has been relocated.

Change the scale modifier to an absolute expression. It should be a positive value between 0 and 14.

A013 EXPONENT MODIFIER ERROR
The exponent is out of range, or is not specified as an absolute expression.

Change the optional exponent in the constant specification to an absolute value between -85 and 75.

A014 RELOCATABLE EXPONENT MODIFIER
An exponent modifier has been relocated.

Change the optional exponent in the constant specification to an absolute value between -85 and 75.

A015 INVALID LITERAL USAGE
A literal has been used illegally, e.g., specifying a receiving field or a register.

Correct the instruction so there is no literal in the operand for the receiving field. Do not use a literal to specify a register.

A016 INVALID NAME
A name entry has been incorrectly specified. It contains more than eight characters, or it does not begin with a letter, or it has an embedded special character.

Correct the name in the label field to make sure it is not too long or contains invalid characters. The name must start with a letter or special letter.

A017 DATA ITEM TOO LARGE
The constant is too large for the data type, or the explicit length.

Check the data constant for a conflict between the length factor, the maximum length permitted for the data type specified, and the way the constant is written.

A018 INVALID SYMBOL

The symbol specification is invalid. It is longer than eight characters, or has an embedded special character.

Check the symbol in the operands for either invalid length (maximum is eight characters), or invalid special characters.

A019 EXTERNAL SYMBOL ERROR

Either there is an identical name in a CSECT and a DSECT statement, or there was insufficient main storage for the symbol tables.

If an identical name caused the error, change the name of the CSECT or DSECT to prevent duplication in the program. If insufficient main storage caused the error, increase the size of main storage for the assembly by changing the main storage requirements on the JOB statement.

A020 INVALID IMMEDIATE FIELD

The immediate field data is greater than 255, more than 1 byte of main storage is required, or the type is not acceptable.

Check the value of the data. Correct the operand if the immediate data uses more than 1 byte, or if it is in a literal or other invalid form.

A021 SYMBOL NOT PREVIOUSLY DEFINED

A statement requiring predefined symbols contains a symbol that was not predefined.

Check the spelling of the symbols involved. Find the symbol that was not defined, and define it in a statement which precedes the use of this statement.

A022 ESD TABLE OVERFLOW

The total number of control sections, dummy sections, and unique symbols in EXTRN statements and V-type constants exceeds 255.

Correct the program to reduce the number of ESD table entries.

A023 PREVIOUSLY UNDEFINED NAME

The symbol in the name entry has appeared in the name entry of a previous statement.

Check the spellings of the duplicate names. Change any duplicates to a different spelling.

A024 UNDEFINED SYMBOL

An error occurred while attempting to reference an undefined symbol.

Check the spelling of the symbols involved. If the spelling is correct, make sure the symbol is defined someplace in the program and that its address is covered by some base register.

A025 RELOCATABILITY ERROR

An error occurred when a relocatable or complex relocatable expression was specified where an absolute expression was required.

Change the operand containing the invalid, relocatable expression to use an absolute expression.

A026 TOO MANY LEVELS OF PARENTHESES
An error occurred when more than five levels of parentheses were specified in an expression.

Change the operand so there are no more than five sets of parentheses.

A027 TOO MANY TERMS
An error occurred when more than 16 terms were specified in an expression.

Reduce the number of terms used in the expression or use additional instructions.

A028 REGISTER NOT USED
An error occurred while attempting to specify a register, that is not currently in use, in a DROP statement.

Check to see if the correct register was specified. If not, change the DROP reference to the correct reference. If no DROP instruction is required at this point, remove it.

A029 CCW ERROR
An error occurred when bits 37-39 of the channel command word were set to nonzero.

Check operand 3 and correct if it is not an absolute expression.

A030 INVALID CNOP
The range is invalid. The only values that may be used are zero, 2, 4, and 6 for the first expression and 4 or 8 for the second expression.

Correct any errors in the operands.

A031 UNKNOWN TYPE
There is an incorrect type designation in a DC, DS, or literal.

Change the DS or DC to use a valid type code.

A032 OP-CODE NOT ALLOWED TO BE GENERATED
An error occurred when an operation code, allowed only in a source statement, was obtained through substitution of a value for a variable symbol.

Correct the instruction that caused the invalid operation code to be substituted.

A033 ALIGNMENT ERROR
An error occurred while attempting to reference an address which was not aligned to the proper boundary.

Change the instruction to put it on the proper boundary alignment.

A034 INVALID OP-CODE
The operation code is invalid. The operation code contains more than eight characters, or an operation entry is not followed by a blank on the same card.

Check for a blank after the operation code and be sure your operation system contains the operation code you used.

A035 ADDRESSABILITY ERROR

An error occurred while attempting to reference an address which is not within the range of a USING instruction.

Check the address referenced, and if it is correct, add a register to the USING instruction to cover it.

A036 NO OPERAND ALLOWED

An error occurred when an illegal operand was used in an operation code. This message is produced if an operand is used in a COM, EJECT, or LTORG statement when the operation field is created by variable symbol substitution.

Check the operation code and operands used for a valid combination.

A037 MNOTE OR PNOTE STATEMENT

An error occurred while attempting to generate an MNOTE or PNOTE statement from an MNOTE or PNOTE MACRO/PROC definition. The text and severity code of the MNOTE/PNOTE statement is inline in the listing.

Evaluate the information presented in the MNOTE or PNOTE for whatever action is required.

A038 ENTRY ERROR

An error occurred in an ENTRY statement. More than 100 ENTRY operands were used, or an ENTRY statement symbol appears in more than one ENTRY statement, is undefined, is defined in blank common, or is defined in a dummy section. If there are more than 100 ENTRY operands in your program, rework the program logic to reduce this number.

If you do not have too many ENTRY operands, check the spelling of the symbols in the operand. If the symbol is not defined, add the definition to your program.

A039 INVALID DELIMITER

A syntax error has occurred for one of the following reasons: a symbol does not begin with an alphanumeric or alpha character, excessive right parentheses were used, an equal sign was used in a sublist, a terminating character was used incorrectly, a mispunched op code caused an unexpected syntax scan, a delimiter is missing, a special character that is not a valid delimiter was used as a delimiter, a delimiter was used illegally, an operand between delimiters is missing, unpaired parentheses were used, or there is an embedded blank.

Check the instruction for invalid construction, use of invalid characters, or the omission of required characters or operands. Check for missing blanks or commas.

A040 STATEMENT TOO LONG

A statement with more than 187 characters was used.

Check the length of the statement, looking for omitted blanks. If necessary, rewrite the statement so that it contains no more than 187 characters.

A041 UNDECLARED VARIABLE SYMBOL

A variable symbol was not declared in a define SET symbol statement or in a MACRO/PROC prototype.

Make sure the variable symbol is declared in a SET symbol statement in the same macro definition.

A042 SINGLE TERM LOGICAL EXPRESSION IS NOT A SETB SYMBOL
An error occurred when a single term logical expression was used in other than a SETB symbol.

Check all terms to see if they are valid terms for a SETB statement.

A043 A SET SYMBOL PREVIOUSLY DEFINED
A SET symbol was previously defined.

Check the spelling of the SET symbols involved. Correct the symbol definitions to prevent duplication.

A044 VARIABLE SYMBOL SUBSCRIPT EXCEEDS THE DECLARED DIMENSION
An error occurred when a variable symbol was declared as undimensioned but subscripted, or dimensioned but unsubscripted.

Check to make certain that the subscripting and dimensioning of the variable symbol are consistent with each other.

A045 ILLEGAL SYMBOLIC PARAMETER
An error occurred while attempting to request an attribute for a variable symbol that is not a symbolic parameter.

Check to make sure no attribute is requested except for a symbolic parameter.

A047 SEQUENCE SYMBOL PREVIOUSLY DEFINED
A sequence symbol was previously defined.

Check the spelling of the sequence symbols involved. Correct the symbol definitions to prevent duplications.

A048 SYMBOLIC PARAMETER PREVIOUSLY DEFINED OR SYSTEM VARIABLE SYMBOL DECLARED AS SYMBOLIC PARAMETER
A symbolic parameter was previously defined, or a system variable symbol was declared a symbolic parameter.

Correct any duplication of the use of variable symbols.

A049 VARIABLE SYMBOL MATCHES A PARAMETER
A variable symbol matches a parameter.

Check for the use of a variable symbol as a parameter of this instruction.

A050 INCONSISTENT GLOBAL DECLARATIONS
A global SET variable that is defined in more than one MACRO/PROC definition, or in a MACRO/PROC definition and in the source program is inconsistent in SET type or dimension.

Check for a duplicate use of a variable global SET symbol. Make sure references for the same SET symbol have nonconflicting dimensions.

A051 MACRO DEFINITION PREVIOUSLY DEFINED
An error occurred when a MACRO/PROC prototype operation entry is identical to a machine instruction, assembler instruction, or a previous macro prototype.

NOTE:

This error message is not produced when a programmer supplied macro matches a system MACRO/PROC. The programmer supplied MACRO/PROC will be assembled with no indication of the corresponding system MACRO/PROC.

No response is required.

A052 NAME FIELD CONTAINS ILLEGAL SET SYMBOL
An error occurred when a SET symbol in a name entry does not correspond to the SET statement type.

Make sure the SET type agrees with the definition.

A053 GLOBAL DICTIONARY FULL
The global dictionary is full. The job is terminated.

Reorganize the program into two or more parts or decrease the number of global variables (GBL declarations).

A054 LOCAL DICTIONARY FULL
The local dictionary is full. The job is terminated.

Increase the size of main storage used for the assembly, or reorganize the program to assemble it in two or more parts.

A055 ENDO WITHOUT MATCHING DO
An error occurred when ENDO conditional statement was not paired with a corresponding DO statement.

Include a DO statement for each ENDO statement in the macro definition.

A056 ARITHMETIC VALUE OUT OF RANGE
An error occurred when an intermediate or final result of an arithmetic operation is less than -2^{31} or greater than $2^{31}-1$.

Check the values used in the statements. Work out all arithmetic operations in the operands to be sure the results are between -2^{31} and $+2^{31}-1$.

A057 SUBSCRIPT EXCEEDS MAXIMUM DIMENSION
An error occurred because of one of the following: a &SYSLST or symbolic parameter subscript exceeds 100 or is negative, a symbolic parameter subscript is zero, or a SET symbol subscript exceeds dimension.

Check the value of the subscript to be sure it is between 1 and 100 and is not greater than the value declared for the dimension of the SET symbol.

A058 ILLEGAL LTORG
LTORG directive is invalid.

A059 UNDEFINED SEQUENCE SYMBOL
An error occurred when an operand sequence symbol did not appear as a sequence symbol in a name field.

Check the spelling of the sequence symbols involved. Make sure all the sequence symbols in this statement have been defined.

A060 ILLEGAL ATTRIBUTE NOTATION
An error occurred when an L', S', or I' was requested for a parameter in which the type attribute does not permit its use.

Correct the use of valid attribute types in this statement.

A061 ACTR COUNTER EXCEEDED
An error occurred when the conditional assembly loop counter was exceeded. The conditional assembly is terminated.

Find and correct the branching condition that seems to be causing an endless loop.

A062 GENERATED STRING GREATER THAN 127 CHARACTERS
An error occurred while attempting to generate a string of characters greater than 127.

Rewrite the statement to reduce the length of the generated string to 127 characters or less.

A063 EXPRESSION 1 OF SUBSTRING IS ZERO OR MINUS
An error occurred while attempting to use a zero or minus as expression 1 of a substring.

Change the first expression to a positive value of one or more.

A064 EXPRESSION 2 OF SUBSTRING IS ZERO OR MINUS
An error occurred while attempting to use a zero or minus as expression 2 of a substring.

Change the second expression to a positive value of one or more.

A065 INVALID OR ILLEGAL TERM IN ARITHMETIC EXPRESSION
The parameter used is not a self-defining term, or the value of the SETC or SET symbol used in the arithmetic expression is not composed of decimal digits.

Make sure the arithmetic expression is composed of self-defining terms.

A066 UNDEFINED OR DUPLICATE KEYWORD OPERAND
An error occurred when a keyword operand occurs more than once in a MACRO/PROC instruction, or a keyword is not defined in the prototype.

Check the spelling of the keywords to make certain all the keywords are valid and there are no duplications.

A067 EXPRESSION 1 OF SUBSTRING GREATER THAN LENGTH OF CHARACTER EXPRESSION
An error occurred when expression 1 of a substring was greater than the length of the character expression to which it refers.

Check the value of the first expression to be sure it's not greater than the length of the expression it refers to.

A068 GENERATION TIME DICTIONARY AREA OVERFLOWED
An error occurred when the dictionary size limit was exceeded.

Check the value of the first expression to be sure it is not greater than the length of the expression it refers to. Increase the size of main storage used for the assembly.

A069 EXPRESSION 2 OF SUBSTRING GREATER THAN 8 CHARACTERS
An error occurred when the second expression was greater than eight.

Change the value of the second expression to less than eight.

A070 FLOATING POINT CHARACTERISTIC OUT OF RANGE
An error occurred when an exponent was too large for the length of the defining field. The exponent modifier has caused the loss of all significant digits.

Check the floating-point to be sure the exponent is not outside the range of -85 to +75.

A071 ACTR OR NAME STATEMENT OUT OF PLACE
An error occurred when an ACTR or NAME statement was out of proper sequence.

Check the location of the ACTR and NAME statements in the program and make certain they are in the correct sequence.

A072 ILLEGAL RANGE ON ISEQ STATEMENT
An error occurred when an illegal range was used in the operand of the ISEQ statement.

Check the ISEQ and ICTL statements to be sure the sequence columns do not fall between or overlap the begin and end columns.

A073 ILLEGAL FIELD IN NAME STATEMENT
An error occurred when one of the following happened: the name entry is blank, the name entry is missing, or the name entry is a sequence symbol.

Correct the misuse of the label field.

A074 ILLEGAL STATEMENT IN COPY CODE OR SYSTEM MACRO
An error occurred when a statement appeared in the COPY code, or a statement appeared in a system MACRO/PROC.

Check to be sure the COPY directive does not try to copy any MACRO, MEND, ICTL, END, or COPY directives.

A075 ILLEGAL STATEMENT OUTSIDE OF A MACRO DEFINITION
An error occurred when a statement which is allowed only in a MACRO/PROC definition was used in OPEN code, e.g., period asterisk (.*), MNOTE statement.

Check to see if this statement can be used outside of a macro definition. If not, use another operation code.

A076 SEQUENCE ERROR
An error occurred when an out-of-sequence statement was specified by an ISEQ instruction. An input card may be out of place, or the wrong sequence number was used.

Correct the input deck.

A077 ILLEGAL CONTINUATION FOLLOWS OR PRECEDES
An error occurred because of one of the following: too many continuation cards were used, nonblanks were used between the begin and continue columns of the continuation card, or an incorrect continuation card was used because the preceding card was punched in the continue column.

Check the format of the continuation cards. Check the use of columns 72 and 16.

A078 MACRO MNEMONIC OP-CODE TABLE OVERFLOW
An error occurred when a MACRO/PROC mnemonic operation code table had an overflow.

Check the format of the continuation cards. Check the use of columns 72 and 16.

A079 ILLEGAL STATEMENT IN MACRO DEFINITION
An error occurred while attempting an illegal operation in a MACRO/PROC definition.

Check for the incorrect use of this operation code inside a macro definition.

A080 ILLEGAL START CARD
An error occurred when statements, which affect or depend upon the location counter, were read before a START statement.

Check the location of the start card.

A081 ILLEGAL FORMAT IN GBL OR LCL STATEMENTS
An error occurred when an operand which is not a variable symbol was used.

Check the spelling of the variable symbol for a valid construction.

A082 ILLEGAL DIMENSION SPECIFICATION IN GBL OR LCL
An error occurred when a dimension other than 1 to 255 was used.

Define the dimension with a value from 1 to 255.

A083 SET STATEMENT NAME FIELD NOT A VARIABLE SYMBOL
An error occurred while attempting to process the name entry of a SET statement that was not a variable symbol.

Check the name of the SET statement for a valid construction of a variable symbol.

A084 ILLEGAL OPERAND FIELD FORMAT
An error occurred when attempting to process an operand field with invalid syntax, e.g., the AIF statement operand does not start with a left parenthesis, or the sequence symbol is missing in the operand field of the AIF or AGO statements.

Correct any invalid or missing operand fields.

A085 INVALID SYNTAX IN EXPRESSION
An error occurred while attempting to process an expression with invalid syntax, e.g., an invalid delimiter, too many terms in the expression, too many levels of parentheses, or two operands in succession.

Check the expressions used in this statement to see if they contain invalid characters, are constructed incorrectly, or are too numerous.

A086 ILLEGAL USAGE OF SYSTEM VARIABLE SYMBOL
A system variable symbol appears in the name of a SET statement, a mixed-mode MACRO/PROC definition, a keyword MACRO/PROC definition, or a GBL or LCL statement. A system variable symbol appears &SYSLIST in context other than N'&SYSLIST.

Check the variable symbol to be sure it is used correctly.

A087 NO ENDING APOSTROPHE

An error occurred while attempting to read an end of card before an ending apostrophe.

Check to make sure there is an ending apostrophe for each beginning apostrophe.

A088 UNDEFINED OPERATION CODE OR INVALID MACRO DEFINITION

An error occurred when a symbol in the operation code field did not correspond to a valid machine or assembler operation code or to any operation code in a MACRO/PROC prototype statement.

Make sure the operation code is valid for use in a macro definition.

A089 INVALID ATTRIBUTE NOTATION

An error occurred when the argument of the referenced attribute was not a symbolic parameter, or the statement was not within a MACRO/PROC definition.

Correct the attribute if it does not refer to a symbolic parameter in a macro definition.

A090 INVALID SUBSCRIPT

A syntax error occurred, e.g., there were no right parentheses after the subscript, there was a double subscript where a single subscript was required, or there was a single subscript where a double subscript was required.

Correct the construction of the macro statement. Check for a missing right parenthesis.

A091 INVALID SELF-DEFINING TERM

An error occurred in a self-defining term. Then value is too large, or the value is inconsistent with the data type, e.g., hex or decimal.

Check to make sure the self-defining term (SDT) is not longer than three characters and is correct for the type of instruction coded.

A092 INVALID FORMAT FOR VARIABLE SYMBOL

An error occurred in the format of a variable symbol. The variable symbol is greater than eight characters, the first character after the ampersand is not alphabetic, or a double ampersand was not used in the TITLE card or character self-defining term.

Check the variable symbol for the correct construction.

A093 UNBALANCED PARENTHESES OR EXCESSIVE LEFT PARENTHESES

An error occurred when an end of statement or card was read before all parenthesis levels were satisfied. The cause may be an embedded blank or other unexpected terminator, or failure to have a punch in the continuation column.

Check for a missing parenthesis or a missing character in the continuation column. Also check for invalid embedded blanks.

A094 INVALID OR ILLEGAL NAME OR OPERATION IN PROTOTYPE STATEMENT

An error occurred in the name or operation in the prototype statement for one of the following reasons. The name is not a variable symbol. The variable symbol in the name field is subscripted. There is a violation of rules for forming variable symbols, e.g., they must begin with ampersand followed by a letter, followed by 1 to 6 letters or numbers. The statement following MACRO/PROC is not a valid prototype/name statement.

Check the prototype/name statement in the macro definition for the correct construction.

A095 NO NAME DIRECTIVE IN PROC

PROC has no name field.

Assign a name field.

A096 MACRO INSTRUCTION OR PROTOTYPE OPERAND EXCEEDS 127 CHARACTERS IN LENGTH

An error occurred when the macro/proc instruction or prototype operand length was greater than 127 characters.

Change the operand in the macroinstruction to contain 127 characters.

A097 INVALID FORMAT IN MACRO INSTRUCTION OPERAND OR PROTOTYPE PARAMETER

An invalid format was used in the macroinstruction operand or prototype parameter for one of the following reasons. There is an illegal equals sign. A single ampersand is used in the standard value assigned to a prototype keyword parameter. The first character of a prototype parameter is not an ampersand. The prototype parameter is a subscripted variable symbol. There was invalid usage of the alternate format in the prototype. An invalid prototype parameter was used, e.g., &A* or &A&&.

Check for invalid construction such as missing comma, continuation character, or ampersand. Remove any invalid characters or blanks.

NOTE:

The occurrence of this error causes the syntax to be scanned for the remainder of the MACRO/PROC definition.

A098 EXCESSIVE NUMBER OF OPERANDS OR PARAMETERS

An error occurred because the prototype has more than 100 parameters, or the MACRO/PROC instruction has more than 100 operands.

Recode the macro to decrease the number of parameters or operands.

A099 POSITIONAL MACRO INSTRUCTION OPERAND, PROTOTYPE PARAMETER OR EXTRA COMMA FOLLOWS KEYWORD

An error occurred when a positional MACRO/PROC instruction operand, prototype parameter, or extra comma follows a keyword.

Check to make sure all positional parameters are listed before the keyword parameters. Remove any excess commas.

A100 STATEMENT COMPLEXITY EXCEEDED
An error occurred while attempting to exceed the statement complexity limit.

Recode the statement to reduce the number of operands/terms.

A101 MISSING END DIRECTIVE
An error occurred when an end of data was attempted prior to an END statement.

Check the location of the end-of-data (/*) and END cards for an out of sequence card. Add an END statement to the program if none exist.

A102 INVALID OR ILLEGAL ICTL
An error occurred because operands of the ICTL statement are out of range, or ICTL is not the first statement following the start-card in the input deck.

Check for an out-of-sequence ICTL card. Make sure the second operand is greater than or equal to the first operand plus 5, and less than or equal to 80. The third operand must be greater than the first but less than the second.

A103 ILLEGAL NAME IN OPERAND FIELD OF COPY CARD
An error occurred in the syntax, e.g., a symbol has an illegal character or has more than eight characters.

Check the name in the COPY statement for valid characters and correct length.

A104 COPY CODE NOT FOUND
An error occurred when the operand of a COPY statement specified COPY text which cannot be found in the library.

Check the spelling of the operand in the COPY statement.

A105 EOD ON SOURCE STATEMENT LIBRARY
An error occurred for one of the following reasons. The END/MEND statement is missing from a MACRO/PROC definition. While attempting to edit a MACRO/PROC, the COPY code was not found. The MACRO/PROC definition was truncated. An end of file was encountered while attempting to read a macro or copy code.

Check for missing MEND/END statement.

A106 DO WITHOUT MATCHING ENDO
An error occurred when DO statement was not paired with a corresponding ENDO statement.

Make sure there is a matching ENDO statement for each DO statement.

A107 INVALID OPERAND
There is an unrecognizable operand in the statement flagged.

Check the format of the statement and make sure all operands are spelled correctly and are valid.

A108 PREMATURE EOD
A machine or assembler error occurred.

Try to reassemble the program. Check all JOB control statements.

A109 PRECISION LOST
An error occurred while attempting to express a constant in a field which was too small to contain it. This error causes high information loss.

Check the value of the expression to be sure the result can be contained in the field reserved for it. If required, use a larger receiving field.

A112 DO STATEMENT NESTING LEVEL EXCEEDED
An error occurred while attempting to exceed the allowable nesting limit of a DO statement.

Check to make sure there are not more than 10 DO statements nested.

A113 SOURCE CORRECTIONS PROBLEM; CHECK SEQUENCE
Source correction cards are out of sequence.

Put correction cards in proper sequence and reassemble.

A114 DATA EXISTS BEYOND THE END STATEMENT
The assembler found source data after the END statement, which must be the last statement in the source program. This action does not prevent the assembler from generating an object module.

Check the source data after the END statement and reposition it within the program or remove it.

A115 WARNING, CHECK FOR MISSING COMMA
It is possible that a comma is missing after a macro call or prototype operand and the statement is continued.

Check the statement for a missing comma.

A116 nnnnn STATEMENTS FLAGGED IN THE ASSEMBLY
This message informs the operator of the number of statements flagged in the assembly.

A117 AN ABNORMAL TERMINATION HAS OCCURRED AT LOCATION address
An abnormal termination has occurred in the assembler at the specified location.

Submit a dump and a Software User Report.

A118 UPSI BYTE SETTING X'nn'
This message informs the operator of the UPSI byte setting at the completion of the assembly.

No action is required.

BA001–BAxxx message-text

These messages are generated by the BASIC compiler for use by the BASIC programmer. The message descriptions and associated corrective actions are contained in the OS/3 BASIC programmer reference, UP-9168 (current version).

BA121 ARRAY OR MATRIX EXCEEDS 8126 ELEMENTS

The size of an array or matrix is limited to 8126 elements ((#rows + 1) * (#cols + 1) $\leq$ 8126). Your matrix exceeds this limit.

Reduce the size of the matrix and rerun.

BE02 BE {ACT / SPQ} COMPLETED

The specified function has completed.

No action is required.

BE03 BE {ACT / SPQ} FORMAT ERROR

The command format is incorrect. The command is rejected.

Check syntax and enter the correct command.

BE04 FUNCTION NOT PERMITTED FROM WORKSTATION

This function is not available to workstations.

Enter a valid workstation function.

BFG01 SCREEN FORMAT format-name SUCCESSFULLY SPOOLED

The specified format has been spooled.

This message is informational. No action is required.

BFG02 SPOOLING FUNCTION COMPLETED

All formats have been spooled for the requested function.

This message is informational. No action is required.

BFG03 UNABLE TO SPOOL format-name SCREEN FORMAT

Problems were encountered while attempting to spool the specified screen format.

Respool the format.

BFG04 SPECIFIED FORMAT format-name NOT FOUND

The formats specified for spooling were not found.

Check for correct format prefix or file specified.

BFG05 ERROR WHILE ACCESSING FILE FOR FORMAT

A hardware error was encountered while attempting spool function.

Rerun the job.

BFG06 INPUT FILE EMPTY

The input medium contains no clump records.

Mount correct input medium or recreate input medium.

BFG07 CLUMP TYPE ZERO RECORD NOT FOUND

The first clump record in input format must be a type zero.

Recreate the input medium to have an initial clump record of zero.

BFG08 CLUMP TYPE ZERO RECORD ALREADY DETECTED

A zero type clump record has already occurred. Each input format can have only one clump zero record.

Recreate the input medium.

BR#01 REMOTE CARD MISSING, REPLY R OR C

The .*RMrr card was not in the correct position in the input deck.

Correct the input deck and respond R to retry. Respond with C to cancel the job.

BR#02 FIRST CARD NOT JOB CARD, REPLY R OR C

An IBM JOB card did not follow the .*RMrr card.

Correct the input deck and respond with R to retry, or enter C to terminate the job.

BR#03 TAPE PARAM ERRORS, WILL SKIP JOB jobname

Job control within the host-destined job deck has errors in tape transmission (// DD) control cards. The IBM job deck identified by jobname is flushed.

Correct the IBM job control deck and resubmit the job.

BR#04 EOF ON INPUT, // FIN ASSUMED

An end-of-file was encountered on the diskette without a // FIN record. A // FIN record was generated to cause normal termination of RT$SPL. The OS/3 job is complete.

A // FIN record should be inserted as the last record in the file.

BR#05 UNRECOVERABLE INPUT ERROR, WILL TERMINATE jobname

The input file was not read due to an input device error. RT$SPL is terminated. Jobs entered before the terminated job are processed; subsequent jobs are not processed.

Correct the input device. Check for defective cards or defective diskette, incomplete deck or file, or inoperative input device. Rerun RT$SPL starting with the terminated job.

BR#06 ERROR DURING FILE OPEN, WILL TERMINATE

RT$SPL could not open input file due to a job control or data management error. RT$SPL is terminated.

Check input device assignments. The LFD for card or diskette must be // LFD INPUT. Diskette record formats must be fixed, unblocked, and 80 characters or less.

B001***INVALID COMMAND**

The image is not a valid OS/3 librarian command.

Correct the directive and rerun your job.

B002***INVALID FILE DESCRIPTOR**

Either the device type is not "D" or "T" or the device number is not within the range 0 to 15.

Correct the directive and rerun your job.

B003***INVALID MODULE TYPE**

The type parameter is not S, M, O, or L.

Correct the directive and rerun your job.

B004***INVALID MODULE NAME**

Name is too long (over eight characters).

Correct the directive and rerun your job.

B005***INVALID FILE NAME**

File name is too long (over eight characters).

Correct the FIL directive and rerun your job.

B006***INVALID OPERAND FORMAT**

Either the operand field is blank or a parameter that must be present is missing.

Correct the discrepancy and rerun your job.

B007***INVALID COLUMN POSITION**

The column position parameter in the SEQ directive is not correctly specified.

Correct the directive and rerun your job.

B008***INVALID SEQUENCE NUMBER**

The sequence number in the SEQ directive is not correctly specified; it is either too long or it specifies all alphas.

Correct the directive and rerun your job.

B009***INVALID INCREMENT NUMBER**

The increment number in the SEQ directive is not correctly specified.

Correct the directive and rerun your job.

B010***OBJECT MODULE FORMAT ERROR**

This error occurs if the header and control statement records are present and the record immediately following is found to be other than a control section record.

Recreate the object module in its proper format, then rerun your job.

B011***CONTROL STATEMENT MISSING IN OBJ MOD**

The transfer record of the object module specified that control statements follow but none were present. The librarian, therefore, turned off the flag in the transfer record and processed this module as requested.

No corrective action is required unless a control statement was required in this module.

B012***PHASE name TRANSFER RECORD MISSING**

The phase named did not contain a transfer record. A transfer record was therefore appended to the phase and processing was continued.

No corrective action is required.

B013***PHASE # MISMATCH**

The phase number expected to be next in sequence was not the phase number located. Processing of the module was nonetheless continued.

No corrective action is required.

B014***TYPE MISMATCH**

Type in directory does not agree with type in the file to which the directory entry points. Processing of this module was bypassed.

Check the origin of the module being referenced and rerun your job as required.

B015***RECORD NOT FOUND**

The record referenced in the RENAME directive was not located in the module named. The directive was bypassed.

Recheck record name or recheck content of module named and then rerun the job as required.

B016***RECORD TYPE INVALID**

The record type specified in the RENAME directive is invalid. The directive is bypassed.

Correct the directive and rerun.

B017***CHECK SUM MISMATCH**

The checksum value in the library block does not equal the computed value for the block just read.

Check the origin of this block.

B018***SEQUENCE # OUT OF SEQUENCE**

The sequence number on a correction card is less than the sequence number on the preceding correction card. The correction card with the lower number was therefore treated as an addition to the module.

No corrective action is required unless the operation performed was not desired.

B020***SKI DIRECTIVE IS INCORRECT**

A required sequence field is missing in a SKI directive. The SKI directive was bypassed.

Correct the directive and rerun.

B021***OBJ/LOAD CARD IMAGES OUT OF SEQ**

The object or load module being filed is out of sequence or incomplete. The ELE directive was terminated.

Correct the card file and rerun.

B022***CHECK SUM IN CARD IMAGE IS INCORRECT**

The checksum in the current card does not match the value just computed.

Correct the checksum and rerun.

B024***INCORRECT RLD LENGTH**

The RLD specified in the patch correction is not a multiple of three bytes. The card in error was ignored and corrections continued.

Correct this RLD specification and rerun.

B025***LOAD MODULE PATCH OUT OF SEQUENCE**

The phase number on patch correction is less than the phase number on the last correction processed. The out-of-order correction was ignored and corrections continued.

Rerun job to insert only the patch correction that was bypassed.

B026***ADDRESS NOT WITHIN PROGRAM LIMITS**

The address specified on patch is not within the limits of the program being corrected. If an object module patch, the specified patch address is not within the limits of the CSECT referenced by the ESID. The patch in error was ignored and corrections continued.

Correct the patch address and rerun job to insert only the patch correction that was bypassed.

B027***INVALID PATCH CORRECTION SPECIFICATION**

An error in a patch correction has been found. It is one of the following:

- Nonhexadecimal character
- Phase # $> 63_{16}$
- No text specified

Recheck the correction for content and comma placement and rerun. The correction was bypassed.

B028***NAME MISMATCH ON SEQ/ELE DIRECTIVE**

The module name on SEQ directive does not agree with the module name on its associated ELE directive. The SEQ directive was ignored.

Correct SEQ directive and rerun job to sequence added module, or correct ELE directive and rerun entire job.

B029***FILE MISMATCH**

Two files with different device types and/or incompatible characteristics are being used (i.e., SAT vs. sequential).

Correct the program and rerun.

B030***EOD DIRECTIVE MISSING**

An EOD directive has not been located for an ELE or COR directive process. The module built by either of these directives may not be valid.

Thoroughly check the module's content.

B031***OBJECT MOD name TRANSFER RECORD MISSING**

The object module named does not have a transfer record. A transfer record was therefore appended to it and processing continued.

No corrective action required.

B032***GROUP NAME NOT SPECIFIED**

A directive had the G option specified, but did not, or could not specify a group name. The directive was ignored.

Correct directive and rerun.

B033***ILLOGICAL OPTION**

The option specified has no relation to the directive specified. The directive was ignored.

Correct directive and rerun.

B034***CONFLICTING OPTIONS**

Two options specified with this directive conflict. The directive was ignored.

Correct directive and rerun.

B035***FILE NOT DEFINED**

The file in this directive has not been previously defined by an FIL directive. The directive was ignored.

Correct the file specification on the directive or define the file with a FIL directive and rerun job.

B036***INPUT-FILE EQUALS OUTPUT-FILE**

Input and output file names are the same. The directive was ignored.

Correct the directive and rerun.

B037***INTERNAL SUBROUTINE STACK OVERFLOW**

The internal subroutine calling mechanism has reached a predetermined limit. The error is not recoverable and represents an internal process problem that should not have occurred. Consequently, the librarian job was aborted.

Take a system dump and contact your Sperry customer representative.

B038***DMxx ERROR OPENING FILE filename (FIL=fff)**

The named file failed in the open process and was not subsequently accessible. The directive was bypassed.

where:

xx
Is the data management error code.

filename
Is the lfd name.

fff
Is the file descriptor.

Try rerunning job. If error persists, contact your Sperry customer representative.

B039***PHASE LOAD ERROR**

An unrecoverable load error has occurred while the librarian was attempting to fetch an overlay. The directive was bypassed.

Try rerunning job. If error persists, contact your Sperry customer representative.

B040***DMxx ERROR CLOSING FILE filename (FIL=fff)**

The close attempt on the file was unsuccessful and the file was not closed.

where:

xx
Is the data management error code.

filename
Is tle lfd name.

fff
Is the file descriptor.

The file is volatile and if it is permanently required, close the file by alternate means if possible.

B041***DMxx ERROR ACCESSING FILE filename (FIL=fff)**

A fatal I/O error has occurred.

where:

xx
Is the data management error code.

filename
Is the lfd name.

fff
Is the file descriptor.

Try rerunning the job. If the error persists, contact your Sperry customer representative.

B042***SPECIFIED BEFORE-IMAGE DOES NOT MATCH MODULE TEXT**

The before-image specified does not match the value at that address in the load module. The module is not corrected.

Verify that both the module address and the specified before-image are correct. Correct the patch statement and rerun the job.

B045***MODULE NOT FOUND**

The specified module or group does not reside in the file referenced. The directive was terminated.

Correct the directive and rerun.

B046***EOF NOT FOUND**

The specified tape file does not have an end-of-file record. Therefore, this file can be read but no records can be written on it.

Use the COP statement to make a copy of the file onto a prepped tape. Data management will write the EOF record onto the new tape file.

B047***PUNCH ERROR**

During the execution of punching a card, a hardware I/O error occurred in the punch. All punching is terminated but all other processing continues.

B048***ATTEMPTED TO READ A NEW FILE**

A read was attempted on an initialized file.

Correct your program logic.

B049***BLOCK # CHECK, FILE filename (FIL=fff), BLOCK (bb)**

The block number of the block read does not equal the block number of the block requested to be read. The file is volatile.

where:

filename
Is the lfd name.

fff
Is the file descriptor.

bb
Is the block number of the block read.

Take appropriate action to save the file.

B050***DELETING TOO MANY CONTROL STATEMENTS**

The number of control statements specified to delete is more than the number present in the object module.

Recheck the number of control statements. Processing of this command is bypassed.

B051***NAME MISMATCH**

The name found in the header record of a module being compared does not agree with the name found in the file directory for that module. The compare operation was aborted.

Contact your Sperry customer representative.

B052***NOT PROCESSED DUE TO PREVIOUS ERROR**

An error has occurred during the processing of a COR, ELE, or REP command, and all the images which precede the next LIBS command are listed with this error listed first. This error is used to signify that the images following were not processed.

B053***FIRST CARD NOT PROC/MACRO**

When a proc or macro type module is being processed, the first record image in the module must be a proc or macro card. The first record image for this module is not. Processing is discontinued on the current command.

Obtain a listing of the module in question and check the format with the assembler/librarian procedure formats.

B054***BLOCK TYPE NOT PUNCHED**

Block modules cannot be punched. Processing continues without punching.

B055***BLOCK MODULES NOT SUPPORTED ON TAPE**

Block modules are not maintained on tape. Processing for this module is ignored. Processing continues.

B056***TOTAL LIBS ERRORS number UPSI SETTING X'number'**

Specifies the total number of librarian errors encountered as displayed on the console printer and the UPSI bits as set by the librarian at termination.

This is an informational message.

B057***CONSECUTIVE SEQUENCE CARDS ENCOUNTERED**

This message will appear when the librarian encounters more than one sequence statement.

Remove one sequence card.

B058***FILENAME filename ALREADY ASSIGNED**

The filename specified by a FIL statement was already specified by another file descriptor. This file descriptor is ignored.

Correct error and rerun job.

B060***NOTHING FOUND**

This message is displayed when no module is found by a scan where a module type is not specified.

This is an informational message.

B061***INVALID COMMAND COLUMN ONE NOT BLANK**

A librarian control statement cannot begin in column 1.

Repunch the card.

B062***GETCS ERROR code**

The supervisor GETCS macro has returned the 2-digit hexadecimal error code from a call by LIBS. The librarian terminates command when the action is completed.

B063***INSUFFICIENT MEMORY FOR ESC**

Insufficient main storage was provided to perform the ESC function, or insufficient main storage was provided to process blocks greater than 1024 bytes.

ESC processing is terminated. Allocate sufficient main storage and rerun the job.

B064***INVALID FILE NAME**

The file name is greater than seven characters, or the first character is not alphabetic.

ESC processing is terminated. Correct the file name and rerun the job.

B065***INVALID ESC FILE TYPE**

The file type specified on the ESC command does not match any of the supported options. ESC processing terminates.

Correct the error and rerun the job.

B066***INVALID ESC RECORD TYPE**

The record type specified on the ESC command does not match any of the supported options. ESC processing terminates.

Correct the error and rerun the job.

B067***INVALID ESC RECORD LENGTH**

The record length specified in the ESC command is not in the range 18 to 128 bytes or contains nonnumeric characters. ESC processing terminates.

Correct the error and rerun the job.

B068***INVALID ESC BLOCK LENGTH**

The block length specified in the ESC command is less than 18 bytes or contains nonnumeric characters. ESC processing terminates.

Correct error and rerun job.

B069***INVALID RECORD IN ESC FILE**

The referenced ESC file contains an ESC operation card or an /* card with no associated /$ card. ESC processing terminates.

Correct error and rerun job.

B070***ESC FILE OPEN ERROR**

Data management error occurred when attempting to open ESC file. ESC processing terminates.

Check data management error listing to determine nature of error and course of corrective action.

B071***ESC FILE PROCESSING ERROR**

Data management error occurred while processing the ESC file. ESC processing terminates.

Check data management error listing to determine nature of error and course of corrective action.

B072***ESC FILE CLOSE ERROR**

Data management error occurred during close of ESC file. ESC processing terminates.

Check data management error listing to determine nature of error and course of corrective action.

B073***INVALID ESID SUPPLIED**

ESID specified on patch card for object module is either greater than x'FF' or nonexistent in object module.

Correct the error and rerun the job.

B074***BKSZ PARAMETER IS NOT A MULTIPLE OF 256**

Block sizes specified for the SAT tape librarian must be in multiples of 256.

Correct the error and rerun the job.

B075***PUNCH FAILED TO OPEN**

The punch file failed to open. Therefore, the punch file is not accessible. Check your job control allocation for the punch and rerun the job.

B076***BKSZ ON DD STATEMENT IS NOT VALID FOR DISKETTE PROCESSING**

Self-explanatory.

Correct and rerun.

B077***BKSZ PARAMETER IS INVALID IN DTF-ONLY MODE**

Self-explanatory.

Correct and rerun.

B078***BKSZ PARAMETER EXCEEDS MAXIMUM VALUE OF 8192**

The maximum block size that can be specified for the SAT tape librarian is 8192.

Correct the error and rerun the job.

B079***BKSZ PARAMETER IS NOT A MULTIPLE OF 256**

Self-explanatory.

Correct and rerun.

B080***INSUFFICIENT MEMORY ALLOC FOR VAR LENGTH TAPE BLOCK PROCESSING**

Self-explanatory.

Correct and rerun.

B081***MODULE VERSION NUMBER DOES NOT MATCH SPECIFIED VALUE**

Self-explanatory.

Correct and rerun.

B099***LIBRARIAN ERROR THAT HAS NO MESSAGE NUMBER**

Self-explanatory.

Correct and rerun.

CA10 ACCEPT READY

Indicates an operator response is required to continue the job. This message is usually preceded by a DISPLAY CD10 message, which indicates the nature of the request.

Respond with one (any) character to continue program execution after a STOP literal statement.

CA60 ACCEPT READY

Indicates that the operator of the system console or master workstation is to supply up to 60 characters of input data. This message is usually preceded by other messages describing the nature of the request.

Respond with the input data to continue program execution.

CC01 INSUFFICIENT MEMORY

Insufficient main storage provided to accommodate the processor. The job step is terminated.

Allocate sufficient main storage and rerun the job.

CC02 LOAD ERROR

An error occurred while attempting to locate and load a job phase in the LOAD library. The job step is terminated.

Check the LOAD library to made sure that the phase is entered. If not, enter it and rerun the job. If the phase is in the library, contact your Sperry representative.

CC04 PATCH s aaaa IGNORED, SIZE INVALID

A patch card format error has occurred in the control stream. The job step is terminated. The s indicates the segment number, and aaaa is the address where the error occurred.

Correct the card format and rerun the job.

CC05 PATCH s aaaa IGNORED, NO DELIMITER

A patch card format error has occurred in the control stream. The job step is terminated. The s indicates the segment number, and aaaa is the address where the error occurred.

Correct the card format and rerun the job.

CC06 SNAP s aaaa IGNORED

A snap card format error has occurred in the control stream. The job step is terminated. The s indicates the segment number, and aaaa is the address where the error occurred.

Correct the card format and rerun the job.

CC07 NO SOURCE PROGRAM

An error occurred when the end-of-file was read prior to the first source card in the control stream. The job step is terminated.

Correct the control stream and rerun the job.

CC08 PARAM CARD ERROR

An error was detected in the PARAM card that specifies job options. The job step is terminated.

Correct the PARAM card and rerun the job.

CC10 SOURCE PROGRAM NOT FOUND

A program designated as existing on a library file cannot be found. The job step is terminated.

Mount the correct library file and rerun the job.

CC11 SOURCE LIBRARY FILE NOT ALLOCATED

COBOL compiler cannot access the library file designated as containing the COBOL source program. The job step is terminated.

Correct volume mounting or control stream error and rerun the job.

CC12 I/O ERROR ON { filename / JOB-STRM / CORSCARD } . CODE=nnnn

If filename is specified, an I/O error occurred on a work file, source, copy, or object module file. The 4-digit code is a copy of the error status field settings.

If JOB-STRM is specified, an I/O error occurred during job control stream processing. The 4-digit code is a copy of the control stream error code.

If CORSCARD is specified, an error was detected in the library update correction cards. CODE=0006 indicates error in the correction cards. CODE=0007 indicates error in the SEQ card.

In all cases, the job step is terminated. Rerun the job. If the error persists, contact your Sperry representative.

CC13 COMPILER ERROR phase-indication

An error has occurred while attempting to position a file or attempting to process a phase. The job step is terminated. A storage dump is provided.

Submit a software user report (SUR).

CC14 COPY LIBRARY MODULE module-name NOT FOUND

The source COBOL program has requested that a module be included from the copy library, and the module cannot be found. The job step is terminated.

Mount the correct library or correct the module name reference and rerun the job.

CC15 COPY LIBRARY FILE filename NOT ALLOCATED

The source COBOL program has requested that a module be included from the copy library and the compiler cannot access the designated library file. The job step is terminated.

Correct the volume mounting or control stream error and rerun the job.

CC17 PRINTER NOT ASSIGNED

An error has occurred while attempting to open the print file PRNTR. The DVC and LFD statements are missing or incorrect. The job step is terminated.

Correct the control stream and rerun the job.

CC19 EXTENDED COBOL REQUIRES MICROLOGIC EXPANSION
The extended COBOL compiler requires the 2K control store to be available.

Compilation terminates. Recompile with 2K control store loaded.

CC21 COMPILATION COMPLETED WITH number SERIOUS ERRORS
IO=program-id
The compilation has been completed with the number of serious errors indicated (greater than severity 0).

No response is required.

CC22 LIBRARY FILE filename ASSIGNMENT ERROR error-code
An I/O error has occurred while trying to open a COPY file. The error codes are explained in Appendix A.

The compilation is terminated. Provide the correct FILE commands and retry.

CC23 INSUFFICIENT MEMORY AVAILABLE
There was not enough main storage available to perform the requested compilation.

Compilation is terminated. Adjust main storage assigned to compiler and recompile.

CC24 { INVALID / DUPLICATED / I/O ERROR } PARAM STATEMENT IN type PARAM

A problem was encountered while processing parameters. The error may be an invalid parameter (INVALID), duplicated parameter (DUPLICATED), or a parameter that could not be read (I/O ERROR). The type may be SYSGEN or JOBS parameters.

The parameter is ignored, and compilation continues.

CC25 MODULE module OR FILE filename CANNOT BE FOUND
The requested module for a COPY command cannot be found in the specified library file.

Compilation is terminated.

CC26 I/O ERROR IN READ FROM SYSTEM FILE
An I/O error was encountered while trying to read from the system input GETCS file.

The compilation is terminated.

CC27 SOURCE PROGRAM NOT PROVIDED
There is no source program input.

Compilation is terminated. Provide input and recompile.

CC28 UNRECOVERABLE I/O ERROR error-code ON filename
An I/O error was encountered while trying to read the indicated file. The data management error code (Appendix A) identifies the error.

Compilation is terminated. See Appendix A for recovery procedure.

CC29 COMPILER module LOADING ERROR
The module to be loaded by the compiler was not found or an I/O error was encountered during loading.

Compilation is terminated. Ensure that the language modules are available and recompile.

CC30 PROGRAM CHECK check AT address IN compiler-phase LINE number
A program check occurred at the specified address in the COBL74 compiler. This is due to either a hardware error or a compiler bug.

A dump is provided and the compilation terminates. If possible, the compiler prints the diagnostic and source listings. Correcting COBOL source program errors may avoid the problem. The line number in the message identifies the approximate COBOL source program line number being processed when the problem occurred. Rerun the program. If error persists, contact your local Sperry representative.

CC32 REQUEST: request IGNORED
A $SNAP or $PRNT card was in error.

The compilation is terminated.

CC33 COMPILER ERROR type
An internal error occurred during compilation. This is due to either a hardware error or a compiler bug.

A dump is provided, and compilation terminates. If possible, the compiler prints the diagnostic and source listings. Correcting source errors (if any) may resolve the problem. Rerun the program. If the error persists, contact your local Sperry representative.

CC34 PRINTER NOT ASSIGNED
The printer is not assigned to the compilation.

The compilation is terminated.

CC35 COBOL 74 COMPILER REQUIRES 2K MICROLOGIC EXPANSION
The COBL74 compiler requires the 2K control store to be available.

Compilation terminates. Recompile with 2K control store loaded.

CD10 message
Provides a message, indicating any necessary action.

Respond with a GO command when the action is completed.

CD11

Identifies COBOL program messages that are being written on the system log (SYSLOG) file. The messages are informational only.

No response is required.

CD60 message
Identifies a COBOL program message directed to the system console or to the master workstation. The message is also recorded on the system log file.

The message may require operator response depending on COBOL program options. If response is required, respond by identifying the message number when the necessary action is complete.

CE00 UNALTERED GO TO EXECUTED

An error occurred while attempting to execute an unaltered GO TO statement. The job is terminated. Investigate SOURCE program logic. Refer to the COBOL programmer reference for an explanation of ALTER. This is an informational message.

No response is required.

CE01 DATA FOR ACCEPT NOT AVAILABLE

An error occurred while attempting to execute an ACCEPT statement.

Check the control stream structure. Include data between /$ and /* statements and rerun.

CE02 INSUFFICIENT DATA FOR ACCEPT

An end-of-data (/*) condition existed while attempting to accept data from the control stream.

Correct the control stream to provide sufficient data between /$ and /* statements and rerun.

CE03 END OF PROCEDURE DIVISION EXECUTED

Program executed the last statement in the procedure division without transferring control to a point within the program. Program terminated.

See explanation of STOP RUN statement in the COBOL programmer reference.

CE04 INVALID EXECUTION OF ENTRY POINT

Control is passed to a subprogram entry point in a manner other than a CALL. See the discussion of subprograms in the COBOL programmer reference. This is an informational message.

No action is required.

CE05 NEGATIVE VALUE EXPONENTIATED

A negative value was encountered during exponentiation to a noninteger exponent. The job continues using the absolute value. This is an informational message.

No action is required.

CE06 UNRECOVERABLE I/O ERROR ON filename

An error occurred on the specified file. Register 1 points to the DTF. The program is terminated.

Correct the error, and resubmit the job.

CE09 FLOATING POINT ERROR

Overflow or underflow occurred during an exponentiation operation. The program is terminated.

Correct the error and resubmit the job.

CE10 INVALID USE OF PROCEDURE TESTING

A USE PROCEDURE was called while the same or a different USE PROCEDURE was already active. The program is terminated.

Correct the error and resubmit the job.

CE11 RERUN RECEIVER FILE TOO SMALL

The rerun receiver file is too small to handle the first checkpoint. The file should be enlarged. The job will continue but no checkpoint records will be written.

Correct the error and resubmit the job.

CE20 A GO TO WITHOUT PROCEDURE-NAME STATEMENT EXECUTED AT LOCATION (address), LINE (number)

An ALTER statement referring to this GO statement must be executed first. The program is terminated.

Correct source logic by adding an ALTER statement before program logic flows to the GO TO statement.

CE21 DATA FOR ACCEPT NOT AVAILABLE AT LOCATION (address), LINE (number)

An ACCEPT statement has been executed that attempts to retrieve embedded data from the job stream, but the job stream either contains no embedded data or all the data images have already been retrieved. The program is terminated. This condition may occur when the COBOL program logic requires an end-of-data record in the embedded data set and that record is missing.

Correct the COBOL program or provide data in the job stream.

CE22 INSUFFICIENT DATA FOR ACCEPT AT LOCATION (address), LINE NUMBER

An ACCEPT statement has been executed that attempts to retrieve two or more embedded data records from the job stream, but the job stream contains insufficient embedded data records to satisfy the ACCEPT statement. This may occur when the size of the receiving area in the COBOL program is larger than the size of an embedded data record. The program is terminated.

Either correct the COBOL program so that it retrieves fewer embedded data records with each ACCEPT statement execution or provide sufficient data in the job stream.

CE23 END OF PROCEDURE DIVISION EXECUTED AT LOCATION (address)

The last statement of the procedure division is not an explicit or implicit transfer of control or the STOP RUN statement. The program is terminated.

Correct source program logic so that the program path will not flow through the end of procedure division.

CE24 RECORD KEYS DIFFER FROM THOSE IN FILE, LFD=(filename), DMS CODE =(error-code), FILE STATUS=(byte), LOCATION (address), LINE (number)

The position of record key data-name in the record description does not agree with actual position of key in the file.

The DMS CODE=(error-code) insertion specifies the number of a data management (DM) message that provides additional information. For example, if an error-code of 02 is displayed, look up the DM02 message which says that the output tape is not write-enabled.

The FILE STATUS=(byte) insertion represents the COBOL I/O status key values. Refer to Appendix L for the status key values and their meanings.

Correct the inconsistency in the record key entry of the record description to agree with the length and position of the actual key position in the file.

CE25 NEGATIVE VALUE EXPONENTIATED AT LOCATION (address) LINE (number)

A negative value was encountered during exponentiation to a noninteger exponent. The program continues using the absolute value.

Check value being exponentiated.

CE26 I/O ERROR LFD=(filename), DMS CODE=(error-code), FILE STATUS=(byte), LOCATION (address), LINE (number)

An unrecoverable error exists. The program is terminated if no applicable USE ERROR PROCEDURE statement was specified. If a USE ERROR PROCEDURE statement was specified, this message is informational.

The DMS CODE=(error-code) insertion specifies the number of a data management (DM) message that provides additional information. For example, if an error-code of 02 is displayed, look up the DM02 message which says that the output tape is not write-enabled.

The FILE STATUS=(byte) insertion represents the COBOL I/O status key values. Refer to Appendix L for the status key values and their meanings.

CE27 I/O ERROR ON SYSTEM LOGICAL FILE AT LOCATION (address), LINE (number)

Unrecoverable error occurred on system logical file. The program is terminated if no USE ERROR PROCEDURE statement was specified.

Check job stream reader or logging device operability.

CE28 RECORD SIZE CHANGED ON REWRITE, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)

The record size must be the same between the read and rewrite operations on sequential files. The program is terminated if no USE ERROR PROCEDURE statement was specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct the source program logic so that the record that is rewritten is the same size as the record that is read.

CE29 FLOATING POINT ERROR AT LOCATION (address), LINE (number)

Overflow or underflow occurred during an exponentiation operation. The program is terminated.

Check maximum allowable values for floating-point exponentiation.

CE30 STATEMENT AT LOCATION (address), LINE (number) INVOKES A USE PROCEDURE WHICH IS STILL ACTIVE

An attempt is made to call upon an active use procedure. The program is terminated.

Correct source program logic so that the same use procedure is not reactivated before it is terminated.

CE31 RERUN RECEIVER FILE UNAVAILABLE, LFD=(filename), DMS CODE=(error-code), LOCATION (address), LINE (number)
The DMS CODE=(error-code) insertion specifies the number of a data management (DM) message that provides additional information. For example, if an error-code of 02 is displayed, look up the DM02 message which says that the output tape is not write-enabled.

The program is terminated.

Correct the error described in the data management message.

CE32 OPEN ISSUED TO FILE ALREADY OPENED, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)
A file must be closed before it is reopened. Program is terminated if no USE ERROR PROCEDURE statement was specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct the source program logic by checking the placement and logical execution of the OPEN statement or by including a CLOSE statement.

CE33 CLOSE ISSUED TO FILE NOT OPENED, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)
A file must be opened before it is closed. Program is terminated if no error procedure is specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct source program logic by checking the placement and logical execution of the CLOSE statement.

CE34 OPEN ISSUED TO FILE CLOSED WITH LOCK, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)
A file closed with LOCK cannot be opened again during this execution of that job step. Program is terminated if no USE ERROR PROCEDURE statement was specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct source program logic by deleting the LOCK phrase on the CLOSE statement.

CE35 VERB NOT CONSISTENT WITH OPEN MODE, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)
The I/O statement conflicts with the open mode. Program is terminated if no USE ERROR PROCEDURE statement was specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Check the permissible I/O statements for various OPEN modes in the 1974 American National Standard COBOL programmer reference, UP-8613 (current version).

CE36 REWRITE OR DELETE NOT PRECEDED BY A READ, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)
READ statement must precede REWRITE for sequential mass storage files. For nonsequential files with access sequential, READ must precede REWRITE or DELETE. Program is terminated if no USE ERROR PROCEDURE statement or INVALID KEY clause was specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct source program logic by checking the placement of the READ statement or by inserting a READ statement.

CE37 NOT ENOUGH MEMORY AVAILABLE TO SATISFY DYNAMIC MEMORY REQUEST FOR SORT, LOCATION (address), LINE (number)

More main storage is required to execute sort. A minimum of 13K bytes is needed. Program is terminated.

Allocate more main storage in JCL, if possible.

CE38 NO PROCEDURE TO PROCESS INVALID KEY CONDITION, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)

An invalid key condition exists but no INVALID KEY phrase or associated USE ERROR PROCEDURE statement was specified. The program is terminated. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct source program logic by including an INVALID KEY phrase in a READ, WRITE, DELETE, or REWRITE statement in the procedure division.

CE39 NO PROCEDURE TO PROCESS AT END CONDITION, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)

An at-end condition exists but no AT-END phrase was specified in the READ statement and no USE ERROR PROCEDURE statement was specified in the procedure division. The program is terminated. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Include the AT-END phrase in the READ statement.

CE40 VERB NOT VALID WHEN FILE IS CLOSED, LFD=(filename), FILE STATUS=(byte), LOCATION (address), LINE (number)

A file must be opened before it can be processed. The program is terminated if no error procedure was specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct source program logic by first opening the file with an OPEN statement before issuing a verb to process the file.

CE41 CALLED MODULE NOT LOADED, MODNAME=(module-name), CODE=(error-code), LOCATION (address), LINE (number)

The module, which is identified as a subprogram in a CALL statement, cannot be loaded. The program is terminated. This condition may occur when the module cannot be found in the program libraries, when there is insufficient main storage to load the module, or when the DLOAD table in the job prologue is full.

Check the supervisor error code in Appendix A.

CE42 MODULE NOT CANCELLED, MODNAME=(module-name), CODE=(error-code), LOCATION (address), LINE (number)

The module, which is named as a subprogram in a CANCEL statement, cannot be cancelled. This is an informational message; program execution continues. This condition may occur when the module has not been previously loaded or has been previously cancelled.

Check the supervisor error code in Appendix A.

CE43 ERROR ENCOUNTERED DURING SORT AT LOCATION (address)
Refer to preceding sort diagnostic messages. The program is terminated.

Correct the error as indicated by the sort diagnostic message.

CE44 COMMUNICATIONS INITIATION ERROR, CMCS ERROR = (error-code)
An unrecoverable error was encountered during network request processing. The program is terminated.

Check the network definition.

CE45 RECORD KEYS IN FILE DO NOT MATCH THOSE IN THE PROGRAM, LFD = (filename), FILE STATUS = (byte), LOCATION (address), LINE (number)
The indexed file contains different key specifications than those described in the COBOL program. Differences may be in key lengths, key locations, number of keys, or the file may be new with no keys. The file is closed and the program is terminated if no associated error procedure is specified. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Correct inconsistency in the record key entry of the record description to match the description of the actual record keys in the file.

CE46 CLOSE REEL/UNIT INVALID FOR LAST VOLUME OF A FILE, LFD = (filename), FILE STATUS = (byte), LOCATION (address), LINE (number)
A close reel/unit cannot be issued for the last volume of a file. Refer to Appendix L for the COBOL I/O status key values and their meanings.

Check program logic and the placement of the CLOSE file statement.

CE47 DEVICE (LFD-name) CANNOT BE OPENED, LOCATION (address), LINE (number)
An error was encountered during the open operation of the named workstation. The program is terminated.

Check device operability and LFD job control statement.

CE48 I/O ERROR ON DEVICE (LFD-name), LOCATION (address), LINE (number)
An unrecoverable I/O error was encountered on the named workstation. The program is terminated.

Check device operability. If the workstation uses screen formats, the preceding SFnn message describes the error.

CE49 SCREEN FORMAT (name) CANNOT BE FOUND FOR DEVICE (LFD-name), LOCATION (address), LINE (number)
The named screen format cannot be found for the named workstation. The program is terminated.

Correct the screen format name and check the workstation device name. Create the required screen format or effectively rename an existing one via an alias name.

CE50 INSUFFICIENT DATA FOR SCREEN FORMAT (name); (number) COBOL CHARACTERS; (number) REQUIRED, LOCATION (address), LINE (number)

The number of data characters supplied by the program is less than that specified for the screen format. The program is terminated.

Increase the number of data characters accepted or displayed by the program, possibly by appending filler characters.

CE51 MUST DISPLAY TO SCREEN FORMAT (name) ON DEVICE (LFD-name) BEFORE ACCEPT, LOCATION (address), LINE (number)

The program must supply data to output-only and bidirectional fields of the screen format before it can accept data from that format. The program is terminated.

Check source program to see that data is moved to output and bidirectional fields before ACCEPT statement is issued. Include the required DISPLAY statement before issuing ACCEPT statements.

CE52 (ACCEPT/DISPLAY) VERIFICATION ERROR ON SCREEN FORMAT (name), DEVICE (LFD-name), LOCATION (address), LINE (number)

An error was detected during verification of data on named screen format. The program is terminated. The data given to the screen format by the workstation operator for an accept, or by the COBOL program for a DISPLAY has a VALUE or PICTURE clause that is incompatible with the requirements of the screen format.

For an ACCEPT error, provide better instructions to the workstation operator. For a DISPLAY error, revise either the COBOL program or the screen format definition.

CE53 NONRECOVERABLE I/O ERROR ENCOUNTERED DURING WRITE/DISPLAY TO SYSLST, LOCATION (address), LINE (number)

Nonrecoverable I/O error occurred.

The program is terminated.

CE54 TRUNCATION ERROR ON WRITE/DISPLAY TO SYSLST, LOCATION (address), LINE (number)

Length of data written or displayed to SYSLST exceeds maximum limit.

The program is terminated.

CE56 SCREEN FORMAT (name) IS IMPROPERLY CONSTRUCTED, LOCATION (address), LINE (number)

The screen format file was incorrectly created.

Contact your local Sperry representative.

CE57 INVALID LINAGE VALUES ENCOUNTERED, LFD=(LFD-name), FILE STATUS=(byte), LOCATION (address), LINE (number)

Invalid values were found in linage data names (for example, the footing equaled zero or was greater than the linage). Refer to Appendix L for the COBOL I/O status key values and their meanings. The program is terminated.

Correct the invalid values.

CE?? COBOL SYSTEM ERROR

Error in generated object code or run-time subroutine. The program is terminated.

CED001 REQUIRED DATA NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter data in this field.

Enter required data and press XMIT to continue.

CED002 INVALID CONTINUATION CODE ENTERED. CORRECT DATA AND TRANSMIT.

The continuation code entered is invalid for this screen.

Enter a valid continuation code and press XMIT to continue.

CED003 INVALID DATA DESCRIPTION LEVEL NUMBER ENTERED. CORRECT DATA AND TRANSMIT.

The level number for the data description is invalid.

Enter a valid level number and press XMIT to continue.

CED004 ALPHABETIC REQUIRED IN FIRST CHARACTER. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that the first character of this field be an alphabetic character.

Correct the data and press XMIT to continue.

CED005 ALPHANUMERIC DATA WITH NO HYPENS REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires alphanumeric characters with no hyphens in this field.

Correct data and press XMIT to continue.

CED006 SEPARATE SIGN REQUESTED WITHOUT TRAILING OR LEADING. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you include TRAILING or LEADING when you request SEPARATE SIGN.

Correct data and press XMIT to continue.

CED007 INVALID DECLARATIVES STATEMENT ENTERED. CORRECT DATA AND TRANSMIT.

You entered an invalid DECLARATIVES statement.

Correct DECLARATIVES statement and press XMIT to continue.

CED008 ENTRY TO SELECT MODE INVALID WHEN IN SELECT MODE. CORRECT DATA AND TRANSMIT.

You cannot use a continuation code requesting entry to select processing mode when the COBOL Editor is already in select mode.

Correct continuation code and press XMIT to continue.

CED009 DATA NAME ON INDEXED BY CLAUSE NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter a data name in the INDEXED BY clause.

Enter data name and press XMIT to continue.

CED010 INVALID END DECLARATIVES STATEMENT ENTERED. CORRECT DATA AND TRANSMIT.

You entered an invalid END DECLARATIVES statement.

Correct END DECLARATIVES statement and press XMIT to continue.

CED011 INVALID SECTION OR PARAGRAPH NAME DETECTED. CORRECT DATA AND TRANSMIT.

You entered an invalid section or paragraph name.

Correct the section or paragraph name and press XMIT to continue.

CED012 INVALID SECTION OR PARAGRAPH HEADER DETECTED. CORRECT DATA AND TRANSMIT.

You entered an invalid section or paragraph header.

Correct the section or paragraph header and press XMIT to continue.

CED013 REQUIRED SECTION HEADER NOT ENTERED. CORRECT DATA AND TRANSMIT.

You did not enter a required section header.

Enter the required section header and press XMIT to continue.

CED014 REQUIRED SECTION OR PARAGRAPH HEADER NOT ENTERED. CORRECT DATA AND TRANSMIT.

You did not enter a required section or paragraph header.

Enter the required section or paragraph header and press XMIT to continue.

CED015 REQUIRED PARAGRAPH HEADER NOT ENTERED. CORRECT DATA AND TRANSMIT.

You did not enter a required paragraph header.

Enter the required paragraph header and press XMIT to continue.

CED016 INVALID VERB ENTERED. CORRECT DATA AND TRANSMIT.

The first word of the procedure division sentence is not a valid COBOL verb.

Enter a valid verb and press XMIT to continue.

CED017 ALPHANUMERIC DATA REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter alphanumeric data in this field.

Enter correct data and press XMIT to continue.

CED018 REQUIRED RESERVE WORD NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter one of the listed reserved words in this field.

Enter one of the listed reserved words and press XMIT to continue.

CED019 RECORD KEY IS REQUIRED FOR INDEXED FILE. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter the RECORD KEY IS field for all indexed files.

Enter RECORD KEY IS data name and press XMIT to continue.

CED020 NUMERIC DATA REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter numeric data in this field.

Enter correct data and press XMIT to continue.

CED021 RELATIVE KEY IS REQUIRED WHEN RANDOM OR DYNAMIC MODE. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter the RELATIVE KEY IS field when you request RANDOM or DYNAMIC mode.

Enter RELATIVE KEY IS field and press XMIT to continue.

CED022 RETURN TO ORDERED MODE INVALID. CORRECT DATA AND TRANSMIT.

You cannot use the continuation code requesting a return to ordered processing mode when the COBOL editor is already in ordered mode or when you originally entered the COBOL editor in select processing mode.

Correct continuation code and press XMIT to continue.

CED023 ALPHABET NAME IS REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter an alphabet name in this field.

Enter an alphabet name and press XMIT to continue.

CED024 MULTIPLE FILE TAPE CLAUSE NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter the MULTIPLE FILE TAPE clause in this field.

Enter the MULTIPLE FILE TAPE clause and press XMIT to continue.

CED025 MULTIPLE FILE TAPE DATA NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter MULTIPLE FILE TAPE data in this field.

Enter the MULTIPLE FILE TAPE data and press XMIT to continue.

CED026 LEVEL 01 DATA NAME FOR FD NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that the first record of an FD data record must be an 01 level.

Enter the 01 level data record and press XMIT to continue.

CED027 LEVEL 01 DATA NAME FOR DATA DEFINITION NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter an 01 level record before entering a record with a level number between 02 and 49.

Enter an 01 level record and press XMIT to continue.

CED028 DATA NAME ON KEY IS CLAUSE NOT ENTERED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter a data name in the KEY IS clause.

Enter the KEY IS clause data name and press XMIT to continue.

CED029 INVALID FILE NAME ENTERED. CORRECT DATA AND TRANSMIT.

A file name that has not been entered on a SELECT statement has been entered in this field.

Enter a file name that does exist in a SELECT statement and press XMIT to continue.

CED030 I-O CONTROL SCREEN ENTERED WITH NO FILES DEFINED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you define files in any COBOL program that includes the I-O-CONTROL section. The section will be created for you if you reenter the editor, but you should define the required files before compiling.

Press XMIT to continue.

CED031 KEY IS CLAUSE REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter the KEY IS clause.

Enter indicator required to create the clause and press XMIT to continue.

CED032 INDEXED BY CLAUSE IS REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter the INDEXED BY clause.

Enter indicator required to create the clause and press XMIT to continue.

CED033 REQUIRED PERIOD MISSING. CORRECT DATA AND TRANSMIT.

A required period is missing from this statement.

Key in the missing period and press XMIT to continue.

CED034 INVALID CONTINUATION CHARACTER IN COLUMN 7. CORRECT DATA AND TRANSMIT.

An invalid continuation character was detected on this line.

Remove the invalid character or replace it with a valid continuation character and press XMIT to continue.

CED035 INVALID SECTION HEADER ENCOUNTERED. CORRECT DATA AND TRANSMIT.

An invalid section header was detected.
Correct the header and press XMIT to continue.

CED036 REQUIRED USE CLAUSE MISSING. CORRECT DATA AND TRANSMIT.

COBOL syntax requires the USE clause in this construct.

Key in the missing USE clause and press XMIT to continue.

CED037 CLASS NAME IS REQUIRED. CORRECT DATA AND TRANSMIT.

COBOL syntax requires that you enter a class name in this field.

Enter a class name and press XMIT to continue.

CED038 CD NAME MUST BE ENTERED BEFORE NCD NAME DISPLAYED. CORRECT DATA AND TRANSMIT.

You should enter the input CD name before displaying the NCD screen. You may key in the CD name or you may change the continuation code.

Press XMIT to continue.

CED039 LINE NUMBER MUST BE NUMERIC. CORRECT DATA AND TRANSMIT.

The line number field on a COBOL editor screen can only contain numeric data.

Enter a correct line number and press XMIT to continue.

CED040 LINE NUMBER MAY NOT BE ZERO. CORRECT DATA AND TRANSMIT.

The line number field on a COBOL editor screen must contain a valid line number. 0, 0., 0.0, and .0 are not allowed.

Enter the correct line number and press XMIT to continue.

CED041 LINE NUMBER FIELD MAY NOT BE BLANK.

The line number field on a COBOL editor screen must contain a valid line number. A blank field is not allowed.

Enter the correct line number and press XMIT to continue.

CED129 REQUIRED PROCEDURE DIVISION HEADER CREATED. DEPRESS TRANSMIT KEY TO CONTINUE.

COBOL syntax requires that the first source line in the procedure division be PROCEDURE DIVISION. You did not key in this line, and so it was created for you by the COBOL editor.

Press XMIT to continue.

CED130 SECTION OR PARAGRAPH HDR MISSING-CANNOT BE ENTERED. DEPRESS TRANSMIT KEY TO CONTINUE.

A missing section or paragraph header was detected. If you wish to add the missing header, enter either select processing mode or the general editor.

Press XMIT to continue.

CED131 SPECIAL-NAMES SECTION HEADER HAS BEEN CREATED. DEPRESS TRANSMIT KEY TO CONTINUE.

COBOL syntax requires that you create the SPECIAL-NAMES header at this point. The COBOL editor has created the header for you.

Press XMIT to continue.

CED132 DUPLICATE INDEXED BY CLAUSE IGNORED. DEPRESS TRANSMIT KEY TO CONTINUE.

A duplicate INDEXED BY clause was detected and has been ignored.

Press XMIT to continue.

CED133 DUPLICATE PROCEDURE DIVISION HEADER IGNORED. DEPRESS TRANSMIT KEY TO CONTINUE.

A duplicate PROCEDURE DIVISION source line was detected and has been ignored.

Press XMIT to continue.

CED134 DUPLICATE DECLARATIVES STATEMENT IGNORED. DEPRESS TRANSMIT KEY TO CONTINUE.

A duplicate DECLARATIVES statement clause was detected and has been ignored.

Press XMIT to continue.

CED135 DUPLICATE END DECLARATIVES STATEMENT IGNORED. DEPRESS TRANSMIT KEY TO CONTINUE.

A duplicate END DECLARATIVES statement clause was detected and has been ignored.

Press XMIT to continue.

CED136 PERIOD MISSING FROM PREVIOUS LINE HAS BEEN CREATED. DEPRESS TRANSMIT KEY TO CONTINUE.

A period missing from the previous line has been created by the COBOL editor.

Press XMIT to continue.

CED137 LINE NUMBER CANNOT BE CHANGED IN ORDERED MODE. DEPRESS TRANSMIT KEY TO CONTINUE.

You cannot change the number displayed in the line number field when the COBOL editor is in ordered processing mode. The line number was not changed.

Press XMIT to continue.

CH01 nnn SPOOL FILES CHANGED

where:

nnn

Is the number of subfiles changed.

Processing of the CH SPL command is finished.

CM01 ENTER THE NUMBER OF 1024 BYTE BLOCKS IN MEMORY FOR DISK CACHE OR NONE. VALID VALUES IN THE RANGE OF nn-mm

where:

nn

Is 64 for Models 4 and 6 and 100 for Models 8, 10 and 20.

mm

Is 1024 for Models 4 and 6 and 2048 for Models 8, 10, and 20.

The CM01 message is displayed during cache initialization when the cache entry in the YSDF file does not specify a cache buffer size.

Enter the number of 1024-byte blocks of main storage for the disk cache. NONE disables the cache operation.

CM02 SIZE VALUE value NOT IN RANGE. ENTER NEW VALUE?

The number of 1024-byte blocks of main storage requested by the operator response to CM01 message or YSDF entry is outside of the range 64-1024 for Models 4 and 6 and 100-2048 for Models 8, 10, and 20 or is 0000.

Enter a value in the range and correct the YSDF if necessary.

CM03 DISK CACHE module NOT LOADED FROM YMIC ERROR error-code

The disk cache specified was not loaded.

Make sure that the YSDF entry for the microcode name is correct and that the microcode has been added to the YMIC. For an explanation of the error code, refer to Appendix A.

CM04 DISK CACHE INITIALIZATION ERROR error-code

The disk cache microcode in YMIC has been compromised.

The possible error codes are:

02	Checksum any record
03	Checksum overall
09	No end record

Make sure that the YMIC and YSDF files are correct.

CM05 INSUFFICIENT MEMORY TO RUN DISK CACHE
The main storage size requested by the operator response to the CM01 message or by default in YSDF is not available.

If you cancel disk cache and try to reload it by manually entering the CM command, disk cache is not reloaded into the same main storage location it held previously. The new location may not have enough main storage for the disk cache buffer.

Lower the main storage requirement.

CM06 DISK CACHE OPERATION TERMINATED
This message is displayed after the operator has cancelled the cache symbiont.

No action is required.

CM07 INVALID FUNCTION REQUEST
Invalid unsolicited CM request. See operations handbook, UP-8859 (current version), for allowable commands.

CM08 INVALID DEVICE SPECIFIED
Invalid device address specified on the REMOVE, ACTIVATE, STADISK, or STARESDISK unsolicited commands.

Reenter with valid device address.

CM09 DISK CACHE OPERATION INITIALIZED
This message is displayed when disk cache is initialized.

Informational message, no action required.

CM10 DISK CACHE ALREADY ACTIVE
This message is displayed if a CM command is entered to initialize the disk cache, and the disk cache is already active.

CM11 SEGMENT VALUE value NOT IN RANGE. ENTER NEW VALUE (2-15).
The number of 1024-byte blocks for the segment size is invalid or not within the range of 2-15.

Enter a value that is within the range. (See message CM13.)

CM12 INVALID KEYWORD OR SYNTAX, CM IGNORED.
An invalid keyword or syntax error was detected on the CM command keyin. Valid keywords are SIZ and SEG. (See operations handbook, UP-8859, (current version).)

Reenter CM with correct keyword and syntax.

CM13 ENTER THE DISK CACHE SEGMENT SIZE IN 1024 BYTE BLOCKS. VALID VALUES IN THE RANGE OF 2-15.
A CACHESEGSIZE = YES was specified in the SYSGEN. (See system installation user guide, UP-8839, (current version).)

Enter the number of 1024-byte blocks for the cache segment size. (See message CM11.)

CM14 DISK CACHE BUFFER RESEGMENTED.
This message is displayed when the disk cache buffer is resegmented with the unsolicited CM RESEG option. (See operations handbook, UP-8859, (current version).)

Informational message, no action required.

CM15 INVALID SEGMENT SIZE.
Invalid segment size specified on the unsolicited CM RESEG request.

Reenter the command with a segment size in the range of two to fifteen 1024-byte blocks.

CM40 INVALID TIME VALUE
The time value specified in the STATIME or STARESTIME unsolicited cache command is invalid. Valid values are in the range of 1 to 999 minutes.

Reenter correct time value.

CM41 * CACHE STATISTICS FOR DEVICE did *
This message is displayed on the system console as a header for the disk device cache statistics. It precedes the statistics display and indicates the device address that the statistics represent.

Informational message, no action required.

CM42 ISLAND CODE BUSY - COMMAND IGNORED
The unsolicited cache command is ignored because the island code is already active.

Reenter the command.

CM43 ** TIMER CACHE STATISTICS **
This message is displayed on the system console as a header for the cache timer statistics. It precedes the statistics display.

Informational message, no action required.

CM#01 THERE ARE NO FREE BUFFERS TO SIGNON THE LINE****

No communications I/O buffers are available to send the SIGNON card image to the host, or no activity request packets are available to issue communications commands.

Wait for a pending SIGNON to complete or for system activity to decrease, then attempt to reactivate the line. If there is only one line, the problem is insufficient communications buffers allocated at system generation.

CM#02 RTP ABTERM - ICAM PROBLEM

ICAM has not been loaded into the system or an incompatibility exists between ICAM generation and RTP generation.

Load ICAM before loading RTP. Check that ICAM and RTP generations do not conflict with respect to line type specification.

CM#04 ERROR DURING LINEUP STATUS=mmnn PORT=port/slca-id SEN2=nn

An error occurred during an attempt to activate a line. The message identifies the affected communications adapter (Series 90) or single-line communications adapter (System 80) and specifies the values in the status and sense bytes.

The first two characters of the status (mm) are the primary status, and can take one of the following values:

Primary status	Meaning
02, 04	An unrecoverable condition involving message transmission
08	A problem involving ICAM physical communications interface
10	A communications subsystem failure

Contact your local Sperry representative.

CM#05 LINE IS IN USE OR WAS NOT GENED INTO ICAM

The 90/30 port or single-line communications adapter ID specified is already in use by the system, or ICAM was not generated with the specified port ID.

Ensure that the port-id specification in the GNVCT call specifies an existing port and that ICAM generation agrees with this port.

CM#06 THERE ARE NO FREE CA TABLES**********

The CA/SLCA areas, used to store character interpretation and character detection tables have been assigned to some other ICAM user.

Wait until one of the ICAM users terminates or cancel that user, and then retry RTP line activation.

CM#10 SIGNOFF COMPLETE

The SO command has been processed and the line deactivated.

This is an informational message. No action is required.

CM#14 CONNECT LINE - DIAL HOST OR WAIT FOR RING

You are attempting to activate a switched line that is not connected.

Dial the host to complete the line connection.

CM#16 *HOST NO RESPONSE*

The host to which the virtual terminal is connected did not respond to the last transmission block. RTP deactivates the line.

Determine why the host does not respond, correct the problem, and then attempt to reactivate the line. When the line is reactivated, RTP automatically retransmits any jobs that were active when the line terminated.

CM#17 PARITY ERROR DOWN

An unrecoverable data parity error occurred on the communications line. RTP deactivates the line.

Attempt to reactivate the line. If the problem persists, contact your local Sperry representative.

CM#18 *LINE RELEASED* PORT=n, RM=rr, VID=m, PASS=password

RTP deactivated a line as a result of a previously displayed error or a time-out occurred.

If a time-out occurred, verify that the IBM host is available and reactivate the RTP line.

CM#19 DSR OFF DURING SIGNON-RE-ENTER ACTIVATE

DATA SET READY signal was lost during activation of a communications line.

Attempt to reactivate the line. If the problem persists, the supplier should check the data set.

CM#20 UNREC STATUS nnnn

RTP did not recognize the error code returned by ICAM. The contents of the status byte are displayed. RTP deactivates the line.

Attempt to reactivate the line. If the problem persists, contact your local Sperry representative.

CM#21 LINE CONNECTION TIMER HAS EXPIRED - REACTIVATE

Retry count reached zero while RTP attempted to connect the SPERRY system to the IBM host.

Reactivate the line. If the problem persists, run modem tests or regenerate RTP with a greater retry value. Contact your local Sperry representative.

CM#22 NAK LOOP - LINE SHUTDOWN

The line has been deactivated because the system has received negative acknowledgments (NAKs) and the retry count has reached zero.

Reactivate the line. If the problem persists, contact your local Sperry representative.

CN00 CONNECTED TO JOB jobname, FILE filename

Workstation is connected to specified job and filename.

This is an informational message.

CN01 FILE NAME NOT GIVEN - NOT CONNECTED

CONNECT command not processed because filename was not specified.

Specify filename and retry.

CN02 JOB ROLLED OUT OF SYSTEM - NOT CONNECTED
Workstation was not connected to job because job is rolled out of the system.

Retry when job is returned to main storage.

CN03 JOB jobname, FILE filename NOT FOUND - NOT CONNECTED
Workstation was not connected to job because the specified file was not found.

Check filename, correct specification if necessary, and retry.

CN04 CANNOT CONNECT TO JOB jobname, FILE filename
Workstation was not connected to specified job and filename because the CONNECT request was invalid or because the maximum number of connected workstations has been exceeded for this job.

Correct CONNECT request if it is invalid and retry.

CN05 USER-ID & PHYSICAL DEVICE CONFLICT - NOT CONNECTED
The UID and physical device address specified in the device assignment set for the workstation do not match the workstation UID and physical device address; workstation is not connected to job.

Correct UID job control statement and resubmit.

CN06 DEVICE TYPE MISMATCH - NOT CONNECTED
The device type specified through the logical unit number of the DVC statement in the device assignment set for the workstation does not match the workstation type; the workstation is not connected.

Correct specification and retry.

CN07 ANOTHER USER CONNECTED TO FILE - NOT CONNECTED
Workstation is not connected because another user is connected to the workstation file.

Retry when file is not in use.

CN08 JOB NAME NOT GIVEN - NOT CONNECTED
The workstation is not connected because the jobname was not specified.

Correct specification and retry.

CN09 JOB NOT FOUND IN SYSTEM - NOT CONNECTED
The workstation is not connected because the jobname specified in the CONNECT command was not found.

Correct specification and retry.

CN10 CONNECTED TO JOB jobname - NOT CONNECTED
A request to connect to a job was not processed because requesting workstation is already connected to the job specified in the error message.

Retry when workstation is no longer connected to the specified job.

CN11 CONNECTED TO AN OPEN FILE - NOT CONNECTED
The workstation is not connected to requested job and file because the file is open.

Retry when file is closed.

CN12 OPEN IN PROGRESS - NOT CONNECTED * RETRY CONNECT
File open was in progress at connect time. (Open file table was not constructed fully.) The workstation file is not connected to the job.

Retry the CONNECT command.

CN13 JOB STEP FREED WORKSTATION FILE - CANNOT CONNECT
Workstation was released from the job through a FREE job control statement in a previous job step; workstation user cannot reconnect to the job.

Correct or delete FREE job control statement if necessary and retry.

CN14 CONNECT PROCESSOR - (JCAT I/O ERROR) - UNRECOVERABLE
Connect processor cannot continue due to an unrecoverable JCAT I/O access error on job's YRUN file.

Take a job dump and send it to your local Sperry representative.

CN16 AUTO CONNECTED USER IN EXECUTION - CANNOT DISCONNECT
An auto-connected workstation cannot be disconnected when program is in execution.

Request to disconnect is ignored.

CN17 JOB NOT FOUND IN SYSTEM - CANNOT DISCONNECT
A request to disconnect from a job was ignored because job was not found in execution or in job queues.

This is an informational message.

CN18 NOT CONNECTED - CANNOT DISCONNECT
Request to disconnect from a job was ignored because workstation was not connected to job or was already disconnected.

CN19 JOB ROLLED OUT OF MEMORY - CANNOT DISCONNECT
Request to disconnect from a job was ignored because job is rolled out of main storage.

Retry when job is returned to main storage.

CN20 JOB jobname DELETED - WORKSTATION DISCONNECTED
The specified job has beeen deleted from job queue through a system console command.

This informational message is sent to all workstations connected to workstation data files in the deleted job.

CN21 DISCONNECT FROM AN OPEN FILE - CANNOT DISCONNECT
An attempt was made to free a workstation file that is still open; function is not performed.

Retry when file is closed.

CN22 DISCONNECT PROCESSOR - (JCAT I/O ERROR) - UNRECOVERABLE
Disconnect processor cannot continue due to an unrecoverable JCAT disk I/O error on the job's YRUN file.

Take a job dump and send it to your local Sperry representative.

CN23 DISCONNECTED FROM JOB jobname
Workstation has been disconnected from the specified job.

This is an informational message.

CN24 DEVICE NOT DISCONNECTED FROM JOB jobname (ERROR-230)
Workstation has not been disconnected from the specified job.

Reinitialize the system and retry. If error persists, take a system dump and contact your Sperry representative.

CN26 DEVICE NOT DISCONNECTED FROM JOB jobname (ERROR-231)
Workstation has not been disconnected from the specified job.

Reinitialize the system and retry. If error persists, take a system dump and contact your Sperry representative.

CN27 CLOSE IN PROGRESS - CANNOT DISCONNECT * RETRY FREE
The close of a workstation file is in progress. The workstation cannot be released at this time.

Retry the FREE job control statement after the file is closed.

CN30 ERROR IN P.A.T. FOR SYMBIONT - NOT CONNECTED
Symbiont requested too many devices.

Symbiont is cancelled.

CN31 OVER 8 WORKSTATION USER-ID'S - NOT CONNECTED
A request to connect to a job was ignored because the maximum of eight workstations per file has been reached.

This is an informational message; one or more workstation users must be freed from the job before the request is made again.

CN32 ERROR FOUND IN WCT - NOT CONNECTED
A duplicate user-ID or physical device number was encountered in workstation device assignment set. Workstation was not connected.

Correct device assignment set and resubmit.

CN33 WORKSTATION PUB (UID/PD) ERROR - NOT CONNECTED
Workstation was not connected; another user has control of the user-ID or physical address.

Correct user-ID or physical address specification and retry.

CN34 JOB jobname BEING SAVED - NOT CONNECTED - RETRY CONNECT
Workstation was not connected to the specified job because a save function for the job was in progress.

Retry connect when job is saved.

CN35 CONNECT JOBNAME - MISSING OR OVER 8 CHARACTERS
A workstation CONNECT command did not specify a job name, or specified a job name longer than eight characters.

Correct CONNECT command specifications and retry.

CN36 CONNECT FILENAME - OVER 17 CHARACTERS
A workstation CONNECT command specified a file name longer tnan 17 characters.

Correct CONNECT command specifications and retry.

D

DDP001 mmm mid cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss

The command cccccccc, whose work order number is nnnnnn, has been aborted. This took place at the time shown in hh:mm:ss. A reason the command was aborted follows. The number of this reason is mid.

DDP001 mmm 023 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss REQUESTED MEMORY NOT AVAILABLE FOR function-name

There is not enough buffer space to process your command.

Try again later.

DDP001 mmm 024 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss filename FILE NOT AVAILABLE

The file specified is not available.

Try again later.

DDP001 mmm 025 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss {SEND / RECEIVE} REPLY REQUIREMENTS CANNOT BE DETERMINED - CLASS=nn

Either SEND or RECEIVE reply processing cannot determine requirements. Use CLASS to determine the type of error, as follows:

01

Reply processing cannot determine why it was invoked.

02

Last ACTIVATE command did not have a work order request or a work order report.

03

Last FORK command did not have a work order request or a checkpoint request.

04

Request was for a checkpoint, but the checkpoint name length is zero.

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 028 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss FOLLOWING ERROR OCCURRED {READING INPUT / WRITING OUTPUT} FILE. SE=error-code

There is a data management error that occurred during the processing of either the READING INPUT or WRITING OUTPUT file.

Consult the data management error code for the action needed to correct the problem.

DDP001 mmm 030 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss ERR OCCURRED WHILE ATTEMPTING TO SEND DATA

An error occurred during an attempt to send data.

Check that the data is correct and retry. If problem persists, contact your Sperry representative.

DDP001 mmm 031 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss APE-function-name SENT; UNEXPECTED function-name RECEIVED

The remote host has sent an unexpected response. Command processing terminates.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 032 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss ABNORMAL RETURN FROM FUNCTION function-name

There is a processing error in the DDP product. The function-name is the name of the module returning the error condition.

Check to see if this module is in the shared code library (YSCLOD). If it isn't, put it there. If it is, there is an internal DDP problem; contact your Sperry representative.

DDP001 mmm 033 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss REQUIRED COMMAND PROCESSING PARAMETER NOT FOUND parameter-name

A required parameter is missing.

If the parameter is part of the command syntax, retransmit the command with this parameter. If it is not part of the command syntax, there is an internal DDP problem; contact your Sperry representative.

DDP001 mmm 034 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss CHKPT NAME MISMATCH-SENT=chkpt-name; RECEIVED=chkpt-name

The checkpoint names sent to and received from a remote host don't match. Command processing terminates.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 035 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss RECEIVE REPLY RECEIVED UNEXPECTED TEXT

An unexpected message has been received when only a confirm indication was expected. Normal command processing should complete correctly.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 036 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss LOCAL HOST IDENTIFICATION WAS NOT FOUND

In your ICAM network generation, you have not defined a LOCAP for DDP use.

Correct your network generation and try to establish your session again.

DDP001 mmm 037 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss LCL WO=nnnnnn RMT WO#nnnnnn FROM mmmm INVALID

The host whose identification number is mmmm has sent you a message containing the specified work order number (WO#nnnnnn). This work order is invalid. The first work order number (WO=nnnnnn) is assigned by the local host.

This is an internal DDP problem resulting from incorrect processing at either the sending or receiving host. Contact your Sperry representative. The sending host also receives notification of this problem.

DDP001 mmm 038 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss PROCESS INDICATOR VALUE OF xx IS INVALID

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 039 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss FUNCTION VALUE OF function-name IS INVALID

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 040 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss INVALID PARAMETER PACKET PASSED TO module-name

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 041 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss MESSAGE NUMBER nnn EXCEEDS DDP MESSAGE TABLE

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 042 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss COMP IND VALUE nn SET BY module-name IS INVALID

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 043 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss ERROR RETURNED FROM SYSCOM=error

There is an internal DDP problem resulting from the processing of your SUBMIT REQUEST command. Contact your Sperry representative.

DDP001 mmm 049 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss ADDRESS OF BUFFER IN ICT ENTRY IS INVALID

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 050 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss ADDRESS OF ICT ENTRY IS INVALID

There is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 051 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss FOLLOWING FEATURE NOT SUPPORTED feature-name

You have specified an allowable DDP feature, identified in the feature-name. This feature is not currently supported.

Reenter the command without the feature specified.

DDP001 mmm 053 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss EXCEEDED SIZE OF ACB

The main storage limit of an internal DDP structure has been exceeded.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 054 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss ERROR { SELECTING / ADDING } { INPUT / OUTPUT } ELEMENT=element-name

An error occurred during selection or addition of either an input or an output element in a library file transfer. The message is followed by a data management message giving the cause of the error.

Correct and resubmit the command.

DDP001 mmm 056 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss PROCESS TABLE VALUE OF nn IS INVALID

The value used to load a processing table is not valid.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 058 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss WO ID MISMATCH, WO ID EXPECTED=number, WO ID RECEIVED=number

A work order report was received from a remote host and the work order number does not agree with the number expected.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 060 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss UNABLE TO OPEN SESSION TO REQUESTED HOST

The local ICAM failed to open the requested session.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 061 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss IPC ERROR - FUNCTION=function-name CLASS=xx CODE=yy

Interprocess control has rejected the specified function. The class and code specify the error.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 063 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss SCREEN FORMAT ERROR IN function-name CODE=error-code

There is an error in the screen format function. DDP terminates as a result.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 067 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
WO REJECTED BY REMOTE HOST; REPT'D
COND=ddp-error-code {system-error-code / message-id}

The remote host has rejected your work order request because of the condition reported in the ddp-error-code (see Appendix I). The system-error-code should be converted to hexadecimal and can be referenced in Appendix A. If a message-id is displayed, refer to that message for additional information.

Correct and retransmit the command.

DDP001 mmm 068 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
INVALID FIELD CONTENTS SEG=xx HIC=yy VALUE=zz

Invalid data has been received from a remote host. (SEG identifies the segment, HIC is the field in error, and VALUE is the invalid data that produced the error.)

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 069 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
APE - MISSING ELEMENT NAME IN LIBRARY TRANSFER

The element name required to transfer a library file has not been established in DDP control structure.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 070 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
USER user-id IS NOT LOGGED ON

A TALK command was issued to a user that is not logged on and the message can't be delivered.

No action is required.

DDP001 mmm 073 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
VOLUME vsn CANNOT BE MOUNTED NOW; TRY AGAIN LATER

Either the volume specified is unavailable for use or the device is unavailable to mount the requested volume.

Retry the command at a later time.

DDP001 mmm 074 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
SYNTAX ERROR DETECTED IN FILE-ID FIELD

The file-id format is incorrect because of one of the following conditions:

- The file label exceeds 44 characters.
- The read password, write password, or volume name exceeds six characters.
- The required parentheses around passwords or separator is missing.
- There are unmatching quotes or apostrophes.

Correct the file-id format and resubmit the command.

DDP001 mmm 076 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
RECORD SIZE EXCEEDS MAXIMUM SUPPORTED BY OS/3 BLOCK

You are using a record or block size larger than the OS/3 maximum.

Change the file structure or record/block size and retransmit the command.

DDP001 mmm 077 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
USER user-id IS NOT LOGGED ON

A message cannot be delivered because the specified user is not logged on.

DDP001 mmm 078 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
PROTOCOL SEGMENT TYPE=xx IS INVALID

Segment type xx can't be encoded because it wasn't found in the list of valid segment types.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 079 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
REQUIRED PROTOCOL FIELD NOT FOUND SEG=xx HIC=yy

The required field yy wasn't found.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 080 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
PROTOCOL FIELD TYPE=xx IS INVALID

The field xx isn't one of the valid field types for encoding.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 082 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
PROTOCOL SEGMENT SIZE ERROR - SEG=nn

Segment length nn doesn't match the count of all the HICs in the segment.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 083 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
PROTOCOL FIELD INVALID - SEG=xx HIC=yy

Invalid HIC code yy was found when segment xx was decoded.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 084 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
PROTOCOL FIELD SIZE ERROR - SEG=xx HIC=yy

A size range check failed when HIC yy was decoded.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 085 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
PROTOCOL FIELD DUPLICATED - SEG=xx HIC=yy

HIC code yy appeared more than once in segment xx.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 086 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
TOO MANY KEY SPECIFICATIONS IN PROTOCOL

More than five key specifications were found during the decoding of a file description segment of an indexed file.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 094 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
OUTPUT FILE FOR INDIRECT COPY NOT CATALOGUED

The output file name specified in the COPY command was not found in the system catalog. Files involved in an indirect copy must be cataloged.

Catalog the output file and retry the command.

DDP001 mmm 099 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
DATA LENGTH IS ZERO OR EXCEEDS MAXIMUM DATA SIZE

The data length provided to the enqueue function is zero or exceeds the maximum data size specified.

This is an internal DDP problem. Contact your Sperry representative.

DDP001 mmm 122 cccccccc COMMAND ABORTED WO=nnnnnn hh:mm:ss
xxxx IS AN INVALID REMOTE HOST NAME

A host name used in a DDP command is not a valid host name according to ICAM tables.

Correct the host name and retry the command.

DDP002 CA 002 cccccccc COMMAND ACCEPTED WO=nnnnnn hh:mm:ss

The command cccccccc has been accepted for processing at time hh:mm:ss. Its work order number is nnnnnn. Write this number down for future reference. All messages relating to this command use this same work order number.

DDP004 mmm 004 INVALID OR MISSING PARAMETERS ON DDP COMMAND

All DDP commands must be preceded by 'DDP'.

Enter the characters 'DDP', then the DDP command name with the appropriate parameters

DDP021 COMMAND REJECTED BECAUSE OF ERROR(S) LISTED ABOVE

The command has been rejected because of syntax errors already given.

Correct and retransmit the command.

NOTE:

The following unprefixed DDP messages will be followed by the DDP021 COMMAND REJECTED BECAUSE OF ERROR(S) LISTED ABOVE message.

command IS NOT A RECOGNIZED DDP COMMAND

DDP doesn't recognize the specified command.

Correct and retransmit.

keyword-parameter KEYWORD NOT VALID ON COMMAND
The keyword specified isn't valid on your command.

Correct and retransmit.

keyword-parameter KEYWORD SPECIFIED TWICE
You have entered the specified keyword parameter twice.

Remove all duplicate occurrences of the parameter and retransmit.

KEYWORD VALUE value IS INVALID
The keyword parameter specified is not valid on this command.

Correct and retransmit the command.

KEYWORD MUST BE SPECIFIED FOR value
The specified keyword parameter value is valid for this command, but you must specify KEYWORD and an equal sign (KEYWORD=).

Correct and retransmit the command.

character-string IS AN AMBIGUOUS SPECIFICATION
You have entered an incorrect character string, which doesn't identify a command, keyword parameter, or parameter value. The character-string specified in the message is an abbreviation of the actual string.

Correct and retransmit the character string.

TOO MANY PARAMETERS IN value VALUE SPECIFIED
The KEY_n keyword parameter has too many parameters specified within the parentheses.

Correct and retransmit.

keyword-parameter VALUE EXCEEDS nnn CHARACTERS
The value for the specified keyword parameter is too long. It exceeds nnn characters.

Correct and retransmit.

keyword-parameter VALUE EXCEEDS nnn DIGITS
The keyword parameter value specified has too many digits.

Correct and retransmit.

keyword-parameter VALUE IS NOT ALPHANUMERIC
You have entered a parameter with a value that is not A-Z or 0-9.

Correct and retransmit.

keyword-parameter VALUE IS NOT NUMERIC
The specified keyword parameter value contains a character other than 0-9.

Correct and retransmit.

keyword-parameter VALUE MUST BEGIN WITH LETTER
The specified keyword parameter value must begin with a letter.

Correct and retransmit.

MISSING ENCLOSING APOSTROPHE ON character-string STRING
The character string specified (including all concatenated strings) must be enclosed in apostrophes.

Correct and retransmit.

MISSING { RIGHT / LEFT } PARENTHESIS ON PARAMETER VALUE
The command contains a keyword parameter value that's missing a right or left parenthesis.

Correct and retransmit.

MISSING keyword-parameter IDENTIFICATION
You have omitted the required keyword parameter.

Correct and retransmit.

INVALID COMBINATION OF KEYWORD PARAMETERS SPECIFIED
A keyword parameter is invalid in combination with other keyword parameters you have specified.

Correct and retransmit.

ONLY ONE { STATUS / SUBMIT / CANCEL } OBJECT PER COMMAND MAY BE SPECIFIED
You have specified more than one keyword parameter in a STATUS, SUBMIT, or CANCEL command, but only one is allowed.

Correct and retransmit.

IF KEY_N IS SPECIFIED, ALL KEYS <n MUST BE ALSO
If you specify a KEY_n when you create or copy an indexed file, you must specify all keys less than KEY_n.

Correct and retransmit.

INVALID TERMINATION OF COMMAND
A complete command was not entered.

Correct and retransmit.

FILE NAME CONTAINS A 'x' - MUST BE ENCLOSED IN APOSTROPHES
The file name in the command contains a special character (x) that must be enclosed in apostrophes.

Correct and retransmit.

MISSING KEY SIZE OR LOCATION FOR key
The value for the specified key does not contain a valid size or location parameter.

Correct and retransmit.

AN UNRECOVERABLE SYNTAX ERROR HAS BEEN DETECTED
A syntax error has caused the command analyzer to lose the meaning of the statement.

Correct and retransmit.

DDP022 mmm 022 cccccccc COMMAND COMPLETED WO=nnnnnn hh:mm:ss

The command cccccccc whose work order number was nnnnnn was completed at the time shown in hh:mm:ss. This is the normal command termination message. No informational messages follow.

DDP027 TRM 027 xxxxxxxx CMD UNSUCCESFUL WO=nnnnnn hh:mm:ss

The processing for command xxxxxxxx, whose work order number is nnnnnn, has concluded at time hh:mm:ss. Termination was not normal. Previous messages give the reason for the abnormal termination.

DDP029 SYS-SIZE=nnnnn FREE=nnnnn LARGEST=nnnnn

This message is displayed in response to the DDP STATUS HOST=xxxx command. It gives the size of the system in bytes, the available free memory, and the largest free space.

No action is required.

DDP044 mmm 044 jobname JOB SUBMITTED FOR WO=nnnnnn hh:mm:ss

This message follows every SUBMIT FILE command and gives you the job name for each job stream submitted to the system for execution.

DDP045 INTERACTIVE=nnnnn ENTER=nnnnn BACKGROUND=nnnnn BATCH-JOBS=nnnnn

This message is displayed in response to the DDP STATUS HOST=xxxx command. It gives the number of interactive tasks, enter tasks, background tasks, and batch jobs.

No action is required.

DDP046 INT 045 DDP READY LEVEL=nnn VERSION=mmmmm

The entry into the DDP software was successful.

Proceed with your commands.

DDP048 CURRENT INTERACTIVE USERS:user-id

This message is displayed on the third line of the status output in response to the DDP STATUS HOST=xxxx command. It provides a display of all active users.

No action is required.

DDP049 NO REMOTE SESSIONS ACTIVE AT THIS TIME

This message is displayed in response to the DDP STATUS HOST=xxxx command. It follows the REMOTE DDP SESSION ACTIVITY message.

No action is required.

DDP050 user-id command-name - mode task-id

This message is displayed in response to the STATUS USER command. It lists the active functions for the specified user-id including the user-id, command name, and task-id.

No action is required.

DDP052 mmm 052 MEMORY FREE ERROR

An error occurred during the process that frees main storage. Command processing is not affected and concludes normally unless other errors occur.

This is an internal DDP problem. Contact your Sperry representative.

DDP055 tttt-uuuuuu tttt-uuuuuu tttt-uuuuuu tttt-uuuuuu

This message is displayed on the fourth line of the status output in response to the DDP STATUS HOST=xxxx command. It lists all interactive users by terminal-id and user-id in the form tttt-uuuuuu.

No action is required.

DDP063 REMOTE HOST=host-id INPUT SESSIONS=nnnn OUTPUT SESSIONS=nnnn

This message is displayed in response to the DDP STATUS HOST=xxxx command. It lists all remote hosts that are connected to a specified host as well as the number of input and output sessions.

No action is required.

DDP064 mmm 064 NO ROOM IN HOST TABLE - ACCESS TO DDP DENIED

The local host table is full. DDP can't handle any more users.

Try again later.

DDP065 STU 065 ACCESS TO REQUESTED INFORMATION NOT ALLOWED

Users are permitted to use the STATUS USER command only with their own user-ids. You may not request this information about another user. Only the system console operator may use the STATUS USER command with any user-id.

DDP066 STU 066 USER-ID NOT FOUND ON SPECIFIED HOST

A DDP STATUS USER command was issued specifying a host-id other than the initiator's host-id. When that host was searched, no reference was found to the specified user-id.

If the user-id or host-id is incorrect, reissue the command using the correct information. If they are correct, there is no error and no information is available.

DDP070 SPECIFIED USER-ID HAS NOT ACCESSED DDP

A STATUS USER command was issued, but no information is available because the specified user-id cannot be found in the DDP internal tables.

Check both user-id and host-id for correct spelling. If incorrect, reissue the command.

DDP075 DUMP OF DDP DATA STRUCTURES REQUIRED? (ANSWER Y OR N)

An error has occurred in a DDP processing module. Normally there is no dump associated with these errors. If a dump is required to analyze the problem, reply with Y; otherwise, reply N.

DDP088 STU 088 WORK ORDER ID NOT FOUND FOR INITIATOR USER-ID

The command-id specified for the DDP STATUS COMMAND function was not found when a search was made based on user-id. This message is not necessarily an error. You can request the status only of a command you initiated.

Make sure that the command-id number is correct and reissue the command.

DDP096 REMOTE SESSION ACTIVITY:

This message is displayed in response to the DDP STATUS HOST=xxxx command. It provides a display of each remote host and session count.

No action is required.

DDP098 RCV 098 DDP AUTOMATIC RECOVERY COMPLETED

All user commands in progress at the time of the last system failure have been restarted. The DDP recovery task is now terminated.

No action required.

DDP100 module-name 100 xx MSG NOT SENT TO HOST host-id USER user-id error-code

A message could not be delivered to the specified host and user. The xx specifies the reason:

01	Unable to create task to process message.
02	Program check occurred in DD$SRML.
03	Insufficient space in control structure to store data.
04	Error on SCALL to DDP$PSCH.
05	Error on SCALL to DDP$GETM.

The message may contain a system error code, which is returned to DDP. If a message appears that requires a response, respond to the message to permit the task/job to continue.

DDP101 TLK 101 MESSAGE UNDELIVERABLE; user-id NOT LOGGED ON

The user identified in the message is not logged on. The message will be sent to the console operator until the user message file (mail box facility) is implemented.

If the message requires a response, answer the message.

DDP102 SRM 102 DDP SHUTDOWN PROCESSING COMPLETE

This is an informational message informing the console operator that DDP has shut down because of an interactive services shutdown request, a SHUTDOWN DDP request, or 10 minutes has elapsed with no DDP activity.

DDP103 mmm mid cccccccc COMMAND REJECTED WO=nnnnnn hh:mm:ss

The command has been rejected by the remote host and all processing has been completed. Previous messages will give the reason for rejection.

DDP104 mmm mid xxxx ERROR OCCURRED WHILE ACCESSING YDDP

Data management error xxxx has occurred during accessing of the YDDP file, which contains structures for recovery.

Consult the data management error codes for corrective action. DDP continues to function. No recovery/restart action is possible.

DDP105 mmm 105 INVALID PARAMETER RETURNED FROM DDP$CA, VALUE=xx

The command analyzer has returned an invalid value to its calling module. Your DDP session is terminated.

This is an internal DDP problem. Contact your Sperry representative.

DDP106 mmm mid cccccccc CMD IN PROGRESS WO=nnnnnn hh:mm:ss

A remote host is responsible for controlling command processing. The conversation with the remote host responsible has been terminated. Command processing termination information is provided when processing terminates.

DDP107 ERROR DURING DDP SHUTDOWN=error

The indicated error occurred during the DDP shutdown process. Shutdown processing will complete, but may not complete properly.

Take a listing of the console log and contact your Sperry representative.

DDP108 DEVICE CLASS MISMATCH - COMMAND= {DISK; / TAPE / DISKETTE} ;

PUB= {DISK / TAPE / DISKETTE}

The DEVICE_CLASS parameter value on the CREATE command does not match the device class information in the allocated PUB.

Check the DEVICE_CLASS keyword parameter value and the volume name on the CREATE command. If this information is correct, there is a storage media (tape/disk/diskette) with the same volume name but the wrong DEVICE_CLASS.

DDP109 JOB=jobname PRI=priority STEP=step# PROG=program-name SIZE=size

This message is returned by the processing routine when the user requests status of the job from DDP. It provides the job name, job priority, current job step number, program name, and job/program area size in bytes.

No action is required.

DDP110 CPU TIME=hh:mm:ss PAGES=nnnnnn CARDS=nnnnnn

This message is returned by the processing routine when the user requests job status from DDP. It provides the CPU time, the number of spooled output pages, and the number of spooled output cards.

No action is required.

DDP111 CURRENT JOB CONDITION=condition

This message is returned by the processing routine when the user requests job status from DDP and when a recognizable condition is set in the job's TCB. If a recognizable condition is not found, this message is not displayed.

No action is required.

DDP112 STU 112 JOB NOT FOUND ON SPECIFIED HOST FOR USER-ID

The job was not found on the specified host for the requestor's user-id. The user is not permitted access to the requested information or the job is not active.

Make sure the user is permitted access to the information about the job. If so, the job is not active on the specified host.

DDP113 FILE=filename EXT=number-of-extents

This message is issued by the DDP file status processing routine. It provides the file name from the user command and the number of extents allocated to that file.

No action is required.

DDP114 VSN=vsn CYL=number-of-cylinders TRK=number-of-tracks TYPE=filetype BKSZ=blocksize

This message is issued by the DDP file status processing routine. It provides the volume serial number, number of cylinders, number of tracks, extent type for the file (MIRAM or SAT), and block size.

No action is required.

DDP115 RCSZ=record-size CRE-DATE=yy:mm:dd EXP-DATE=yy:mm:dd

This message is issued by the DDP file status processing routine. It provides the record size, creation date, and expiration date for the file.

No action is required.

DDP116 STU 116 FILE NOT FOUND ON SPECIFIED VOLUME

The file status routine could not find the specified file name in the VTOC of the specified volume.

Specify the correct file name for the volume, or correct the volume name for the file and retry.

DDP117 OUTPUT FILE FOR INDIRECT COPY NOT CATALOGUED

The output file name specified in the COPY command was not found in the system catalog. Files involved in an indirect copy must be cataloged.

Catalog the output file name and retry the command.

DDP118 init 118 cccccccc COMMAND RECOVERED WO=nnnnnn hh:mm:ss

The DDP automatic recovery has restarted the command that was in progress at the time of a system failure. Normal DDP processing continues.

No action required.

DDP119 RCV 119 DDP AUTOMATIC RECOVERY DESIRED? ANSWER (Y/N)

Operator query to determine if the DDP automatic recovery feature is to be activated for this IPL of the system.

Respond with Y if recovery is desired, N if recovery is not desired.

DDP120 RCV 120 RECOVERY OF YDDP FILE DESIRED? ANSWER (Y/N)

If the operator answered Y to the DDP119 message, this message is used to determine if the DDP work orders from previous IPL are to be recovered (warm start), or whether the recovery file is to be reinitialized (cold start).

Respond with Y for a warm start, N for a cold start.

DDP121 RCV 121 nnn DDP WORK ORDERS AUTOMATICALLY RECOVERED

If the operator answered Y to both the DDP119 message and the DDP120 message, this message shows how many work orders were recovered. If there were no work orders recovered, this message is not displayed.

No action required.

DDP124 CURRENT ACTIVE JOBS:

This message is displayed on the fifth line of the status output in response to the DDP STATUS HOST=xxxx command. It provides a display of all active jobs.

No action is required.

DDP125 jobname jobname jobname jobname jobname jobname

This message is displayed on the sixth line of the output status in response to the DDP STATUS HOST=xxxx command. It provides a list of all active batch jobs.

DDP126 MEMORY MAP CHANGED - REISSUE STATUS REQUEST

This message is displayed in response to the DDP STATUS HOST=xxxx command. If the system memory map is changed during a search for active jobs, the jobname search is terminated.

Retry STATUS command. The situation should only be temporary.

DDP127 NO INTERACTIVE USERS CURRENTLY LOGGED-ON

This message is displayed in response to the DDP STATUS HOST=xxxx command. It is displayed on the third line of the status output in place of the CURRENT INTERACTIVE USERS message.

No action is required.

DDP128 NO BATCH JOBS CURRENTLY ACTIVE

This message is displayed in response to the DDP STATUS HOST=xxxx command. It is displayed on the fifth line of the status output in place of the CURRENT ACTIVE JOBS message.

No action is required.

DE05 DELETING ENTIRE queue-name QUEUE. CONTINUE? (Y/N)

The entire contents of the identified queue is scheduled to be deleted.

Confirm deletion by entering Y. Cancel deletion by entering N.

DI01 status FILES=ffff PAGES=ppppp CARDS=ccccc

This message is displayed after the DISPLAY SPL command has been given and indicates that one or more files existed for the requested category.

where:

status
QUEUED, HOLD, or IN-PROGRESS

ffff
Number of files

ppppp
Number of pages, excluding log files

ccccc
Number of punch images

See OS/3 operations summary, UP-8376 (current version) for details regarding the DISPLAY SPL command.

DI02 SPOOL FILE DETAILS? ***Y,N,Q,I,S,SQ,SH,SI***

This message is produced for each status that contains a file count in the category requested in the DISPLAY SPL command. The operator must respond with one of the following:

Y	Display all spooled files.
N	Terminate the display.
Q	Display all queued files.
H	Display all files being held.
I	Display all files currently being processed by the output writer.
S	Abbreviated display of all spooled files
SQ	Abbreviated display of all queued files
SH	Abbreviated display of all files being held
SI	Abbreviated display of all files in process

If Y, Q, H, or I is selected, the following information is displayed on the system console for each existing file having the indicated status (e.g., all queued files if Q had been specified).

DI04 JOB-NAME jobname FILE filename STATUS file-status

DI05 TOTAL- PAGES nnnnn REMOTE-ID xxxxxx COPIES nnn
CARDS
LINES

DI06 STEP-NUMBER nnn DEVICE-TYPE xxxxx BREAKPOINT {Y / N}

DI07 BAND-NAME xxxxx FORM-NAME xxxxxxxx ACCT xxxx

DI07A JOB-NUMBER xxxxx CURR-PAGE nnnnn

This message is produced by the DI SPL command.

where:

xxxxx
Is the binary job number of the job that produced this subfile.

nnnnn
Is the page number at which printing will begin when the output writer is invoked or the number of pages already printed for this subfile.

DI08 PROGRAM-NAME xxxxxxxx CONTINUE? ***Y,N***

After these five lines of file information are displayed, the operator must respond with Y to repeat these lines for the next file in the selected status or respond with N to terminate the display.

DI09 **RDR FILE nnn CARDS LBL xxx yyy zz**
where:

nnn
Is the number of records in the reader file.

xxx
Is the LBL file name.

yyy
Is VOL (appears only when a diskette is used).

zzz
Is VSN (appears only when a diskette is used).

DI10 **CONTINUE ***Y,N*****
These two messages are displayed if the RDR category was entered in the DISPLAY SPL command without specifying the LBL=label modifier. Because RDR files are independent of jobs, messages DI04 through DI08 do not appear for RDR files. Thus, if DI SPL,RDR were entered with only one spool RDR file existing, only messages DI09 and DI10 would appear.

After each DI09 - DI10 message pair is displayed, the operator must respond with Y to continue the display or N to terminate the display.

If S, SQ, SH, or SI is selected, the following information is displayed on the system console.

DI11 **JOB=jobname PROG=program-name FORM=form-name**
{PAGES / CARDS / LINES} =nnnnn ST=step-number

A maximum of five of these messages will be displayed before the continue option message DI12.

DI13 **MODE= {BU / NB} CRITERIA: {JOB / FILE / CART / ACCT / DEVC / FORM / NONE / blank} = {criteria-value / blank}**

This message is displayed after the DISPLAY SPL,STATUS command is given and indicates the spooling mode of operation currently in effect.

where:

BU
Is burst mode.

NB
Is nonburst mode.

CRITERIA
Is type of selection criteria in effect (burst mode only).

criteria-value
Is specific value for the criteria type (burst mode only).

See OS/3 operations summary, UP-8376 (current version) for details regarding the DISPLAY SPL,STATUS command.

DI13A PERCENTAGE OF SPOOL FILE NOW AVAILABLE ---o/o

DI14 DI {SPL / ACT} COMPLETED

The display command specified has completed.

No response is required.

DI15 DI ACT ABORTED DUE TO MEMORY MAP CHANGE

A job was being moved when the display (DI ACT) command was issued.

Reenter the command.

DM01 filename chan/device OPEN ISSUED TO OPENED FILE, TYPE=nn

An OPEN imperative macro has been issued to a file that is marked as open.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with this message.

Correct your program and rerun.

DM02 filename REQUIRES chan/device vsn WITH xx RING R*C

The output tape does not have the write-enable ring.

Reply:

R After correcting the error condition, to retry the job. To correct the error condition, insert a write-enable ring.

C To terminate the operation in progress.

DM03 filename chan/device FILE DEFINITION ERROR TYPE=nn
A no-find status is returned by RDFCB or the FCB contains no device allocation.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with this message.

Correct your job control stream and rerun.

DM04 filename REQUIRES chan/device vsn WITH xx BKNO R*C
For multivolume STD labeled output (nonprep) and input files, the BKNO mode of second or subsequent volume is not the same as that of the first volume.

Reply:

- **R** After correcting the error condition, to retry the job.
- **C** To terminate the operation in progress.

DM05 filename chan/device I/O ERROR DETECTED WHILE ACCESSING VTOC
A physical I/O error occurred during attempt to access (read or write) a disk label (i.e., VTOC).

Rerun your job.

DM06 filename chan/device FORMAT-1 LABEL NOT FOUND
There is no file with the specified physical file name (// LBL statement) on the mounted volume (i.e., the FORMAT-1 label is not in the VTOC).

Mount the correct volume or allocate the file, and rerun the job.

DM07 filename chan/device VOLUME SEQUENCE ERROR RIC
The current volume number defined in the program does not match the volume sequence number in the disk label (FORMAT-1) or tape label (HDR1).

This message requires a response for the job to continue. Check to see if the correct volume is being used.

Reply:

- **R** If the correct volume was NOT mounted. Mount the correct volume and issue this reply (to retry the job).
- **I** To ignore the error condition.
- **C** To terminate the operation in progress.

DM08 filename chan/device FILE SERIAL NUMBER ERROR R*C
The file serial number is invalid.

This message requires a response for the job to continue. Check to see if the correct volume is being used.

Reply:

- **R** If the correct volume was NOT mounted. Mount the correct volume and issue this reply (to retry the job).
- **C** To terminate the operation in progress.

DM09 filename chan/device CREATION DATE ERROR RIC
The creation date in the format label does not match the date specified through job control.

This message requires a response for the job to continue. Check to see if the correct volume is being used.

Reply:

- **R** If the correct volume was NOT mounted. Mount the correct volume and issue this reply (to retry the job).
- **I** To ignore the error condition.
- **C** To terminate the operation in progress.

DM0A filename chan/device BUFFER MANAGEMENT ERROR, TYPE=nn
Dynamic buffer management encountered an error during acquisition or release of a buffer.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with this message.

If TYPE=20, reduce the amount of main storage specified for your program and rerun, or rerun at a later time.

If TYPE=21-24, contact your Sperry customer representative.

DM0B filename chan/device INVALID DMDSP, TYPE=nn
An error was detected in the DMDSP process.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with this message.

Correct your program and rerun.

DM0C filename chan/device MESSAGE/REPLY LENGTH INVALID
The length is incorrectly specified.

Correct the length and rerun.

DM10 filename chan/device PREFORMAT WRITE ERROR DETECTED
A hardware error has been detected during OPEN preformatting of a file.

Rerun your job.

DM11 filename chan/device SPECIFIED NON-EXTENDABLE
An attempt has been made to extend a file which is marked as non-extendable: the UOS value of the file is zero; the secondary allocation increment parameter of the // EXT card is zero.

Correct and retry.

DM12 filename chan/device FILE SECURITY CHECK RIC
The file security fields in the VOL1 and HDR1 labels of the tape are not blank.

This message requires a response for the job to continue. Check to see if the correct volume is being used.

Reply:

- **R** If the correct volume was NOT mounted. Mount the correct volume and issue this reply (to retry the job).
- **I** To ignore the error condition.
- **C** To terminate the operation in progress.

DM13 filename chan/device ATTEMPTED ACCESS TO AN UNOPENED FILE
An imperative macro has been issued to a file not marked as OPEN.

Correct your program and rerun.

DM14 filename chan/device INVALID IMPERATIVE ISSUED, TYPE=nn
An imperative macro that is not in the proper sequence or is not applicable was issued to the file.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for an explanation of the subcodes associated with the message.

Correct your program and rerun.

DM15 filename chan/device INVALID CONTROL STRUCTURE, TYPE=nn
A data management control structure is invalid.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with the message.

Correct your program and rerun.

DM16 filename chan/device INVALID FILE TABLE PARTITION, TYPE=nn
The partition table was not associated with the DTF at OPEN.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with the message.

Check your program.

DM17 filename chan/device INVALID BLOCK SIZE SPECIFIED {*IC / ,TYPE=nn}

If *IC appears in the message, the specified block size is less than the block size recorded in the tape label (HDR2).

This message requires a response for the job to continue.

Reply:

I To ignore the error condition. Use this reply only if the specified block size is large enough to hold the largest block in the file. If the specified block size is not large enough, data may be lost.

C To terminate the operation in progress.

If TYPE=nn appears, refer to Appendix E for an explanation of the subcode.

DM18 filename chan/device RECORD SIZE INVALID {blank / *IC}

If *IC appears in the message, the specified record size does not match the record size recorded in the tape label (HDR2). This applies only to tape files with fixed length records.

This message requires a response for the job to continue.

Reply:

I To ignore the error condition. This reply results in the specified record size being used (i.e., not the value in the label). This reply should be used only if the user is intentionally processing the file with a record size that differs from the value in the label.

C To terminate the operation in progress.

If *IC does not appear in the message, for undefined or variable length records, the specified record size is too large for the specified block size (TAPE and DISC files), too small (PRINTER files), or either too large or too small (CARD files).

DM19 filename chan/device INVALID DEV FEATURES SPECIFIED
File OPEN processing does not recognize the device type assigned to the file.

Rerun the job with job control debug, and send the resulting output to your Sperry representative.

DM1F filename chan/device OPERATION TERMINATED AT USER REQUEST

A previous data management message received a C reply. The data management operation has been terminated.

No action is required.

DM20 filename chan/device NO BKNO SUPPORT IN SUPERVISOR

The program is attempting to write (nonprep) or read a tape that was previously created with block numbers, but the supervisor does not have block number support.

A supervisor that supports tape block numbering is required. Correct the condition and rerun the job.

DM21 filename chan/device INVALID DEVICE ASSIGNMENT, TYPE=nn

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for an explanation of the subcodes associated with the message.

Correct the job control stream and rerun the job.

DM22 filename chan/device HARDWARE ERROR - SEE FILE TABLE

This message is displayed for one of the following reasons:

1. A hardware error has been detected. The error/status information displayed in the preceding physical I/O message should be used to aid in correcting the problem. Correct the error condition and rerun.

2. A response was made to a tape mount message (JC09 or JC10) before the tape was brought to load point. Rerun the job.

DM23 filename chan/device UNRECOVERABLE I/O ERROR DETECTED

An unrecoverable I/O error has been detected and the operator responded U to the preceding physical I/O message.

The error/status information displayed in the preceding physical I/O message should be used to aid in correcting the problem. Correct the error condition and rerun. If the error persists, issue the SEN command after receiving the physical I/O message, for additional sense byte information. If the problem cannot be resolved with the additional information, contact your Sperry representative.

DM24 filename chan/device INVALID (ID). .EXCEEDS FILE LIMITS

The record/block address associated with the issued imperative macro does not exist within the defined file limits.

Correct your program and rerun.

Is file corrupted?

DM25 filename chan/device WRONG LENGTH ERROR DETECTED
The residual byte count (CCB) is nonzero after the transfer of data to or from the defined device. The block size in the block header is not equal to the actual block size.

Investigate or specify LENCHK=NO.

DM26 filename chan/device DATA CHECK DETECTED
A data check error has been returned by the hardware.

Rerun your job.

DM27 filename chan/device I/O ERR ON RUNLIB OR SPOOL FILE, TYPE=nn
Bad status has been returned while attempting to read the FCB or ECB, or an I/O occurred on the spool file.

The message type subcode nn is used to provide additional information as to why the message was displayed. Refer to Appendix E for explanation of the subcodes.

Rerun your job.

DM28 filename chan/device PUNCH DOES NOT HAVE READ FEATURE
A file requiring the prepunch read station feature has been assigned to a punch not having this feature.

Correct your job control stream and rerun.

DM29 filename chan/device NO HARDWARE FOR STUB READ
A file requiring the stub card feature on a reader has been assigned to a device not having this feature.

Correct your job control stream and rerun.

DM2A filename chan/device INVALID CNTRLDI OUTPUT DATA STREAM
An invalid output record was encountered when using a workstation in the device independent mode.

Correct the output record and rerun.

DM30 filename chan/device VALIDITY CHECK ERROR
One of two causes may produce this message:

1. The operator has replied by keying in U (unrecoverable) to a PIOCS validity check error message. Repunch the card and retry the read operation.

2. A validity check error occurred because more than one column was punched in rows 1 through 7, indicating a mispunched card. Punch a new card and retry.

DM31

There is no corresponding console message. This error code indicates a record-not-found condition for a random function.

DM32 filename chan/device SEQUENTIAL NO-FIND
The record/block requested by a sequential processing function (GET, PUT, or SETL) has not been found.

Check the file type.

DM33 filename chan/device INVALID MACRO FOR OPTIONAL FILE
An imperative macro has been issued to an optional input file not supported by the file type. (Example: a PUT issued to an optional file, or a random function issued to an optional IRAM file.)

Correct your program and rerun.

DM34

There is no corresponding console message. This error code indicates an exception condition:

Type	Description
00	End of file or function key 15 activated by operator
01	Input truncation
02	A function key other than 15 has been activated by key operator.
03	Connect being reported
04	Free being reported
05	User label processing required
06	User label processing termination required
07	Output end of volume encountered
08	Forms overflow
09	IPC exception condition

DM35 filename chan/device ADD OF RECORDS RESTRICTED

An exhausted or nonexistent overflow has caused a restriction on future adds to the file. Retrieval may continue.

Reorganize the file.

DM36 filename chan/device DUPLICATE RECORD - RECORD REJECTED

On a disk output or update operation, an illegal duplicate key condition was detected. The operation was rejected, but processing may continue.

A duplicate key condition is where more than one record in the file contains the same key value. The ISAM and IRAM file types do not support duplicate keys. The MIRAM file type can support duplicate keys (and is optionally specified at file creation time).

Check input data.

DM37 filename chan/device SEQUENCE ERROR-RECORD REJECTED

The current record key is lower than the previous record key. Processing may continue.

Check input data.

DM38 filename chan/device END OF DATA RETURNED BY SYSTEM

As ISAM controls EOD, an EOD detected by SAT or PIOCS means an illogical condition exists.

Terminate processing with a CLOSE. Check your program.

DM39 filename chan/device INVALID FILE CONDITION - INDEX INVALID

The file's index was detected to be in a compromised state. Further access to this file by this program is inhibited (i.e., a DM49 error will result).

Obtain a disk print of the file's index and submit it to your Sperry representative. Recreate the file using only the data portion of the file as input to a copy utility.

DM40 filename chan/device INDEX SPACE WILL NOT SUPPORT PRIME DATA

Index space allocated by ISAM has been exhausted.

Terminate processing. Increase block size and rerun.

DM41 filename chan/device FILE SPACE EXHAUSTED

The user has exhausted all the allocated space and no additional space can be obtained.

Expand file allocation and rerun.

DM42 filename chan/device CHARACTER MISMATCH

The printer has tried to print a character not in the printer load code buffer.

Check your program.

DM43 filename chan/device INVALID CONTROL CHARACTER

The program has attempted a PUT with an invalid control character.

Correct your program and rerun.

DM44 filename chan/device LINE TRUNCATED

You have tried to print a line longer than the printer can handle or copy a record longer than the length indicated in the blocksize specification. Depending on the command you issued, a truncated line is printed or a truncated record is copied.

Correct your program and rerun.

DM45 filename chan/device EXTENT TABLE EXHAUSTED

This error occurs under one of the following conditions:

1. A logical extension is attempted when there are no available entries in the logical extent table.
2. A file OPEN is attempted when the extent table is smaller than the number of logical extents in the file.

The number of entries in the extent table is controlled by the second parameter on the LFD JCL statement. (The default is 8.)

To correct this error, you can:

1. Reload the file.

   If the file is comprised of a large number of physical extents, you may have to reallocate the file using fewer physical extents. For MIRAM files, you may need to use the SIZE1 and SIZE2 DD parameters. (For information on these parameters, see the current version of the consolidated data management concepts and facilities user guide, UP-9978.)

2. Allocate a larger logical extent table using the LFD JCL statement.
3. Catalog the file with a larger logical extent table.

   You won't have to change multiple job streams because the cataloged information is used for all references to the file.

DM46 filename chan/device vsn DATA BLKS: READ=xxxxxx EOV=xxxxxx I*

The number of data blocks read is not equal to the data block count in the EOV1/EOF1 label of the tape. The respective counts are shown.

This message requires a response for the job to continue.

Reply:

I To ignore the error condition.

DM47 filename chan/device ERROR DURING LABEL PROCESSING

A hardware error was encountered while attempting to read or write a header or trailer label.

DM48 filename chan/device KEY LENGTH/LACE FACTOR INVALID

The key length or lace factor specified in a declarative macro does not match that information recorded in the VTOC label.

Correct the DTF specification and rerun.

DM49 filename chan/device PROCESSING INHIBITED BY ERROR CONDITION

A previous error (DM22, DM23, DM39) has set the file in an inaccessible state, and an attempt was made to access the file.

Follow the corrective action of the previous error.

DM50 filename chan/device UNDEF FORMAT - NO RECSIZE REG

RECFORM=UNDEF is specified but no RECSIZE=(r) is specified.

Correct your program and rerun.

DM51 filename chan/device INVALID SUBFILE NUMBER SPECIFIED

The subfile number specified in the SETS macro exceeds the maximum or on input the subfile entry is zero.

Check your program.

DM52 filename chan/device NO SPACE AVAILABLE FOR SUBFILE ENTRIES

The file allocation will not support the subfile structure requirements.

Correct your program and rerun.

DM53 filename chan/device HARDWARE ERR DURING FCB UPDATE

An error has occurred while updating a file control block on the RUNLIB disk.

DM54 filename chan/device INVALID JCL OR INVALID VFB/LCB, TYPE=nn

Invalid USE or NAME in VFB or LCB statement for printer file.

The message type subcode nn is used to provide additional information as to why the message was displayed. Refer to Appendix E for an explanation of the subcodes associated with this message.

Correct the job control stream and rerun.

DM55 filename chan/device STD SYSTEM/USER LABEL NOT FOUND

Standard system tape labels VOL1, HDR1, HDR2, EOF1, EOF2, EOV1, or EOV2 or user labels UHL-UTL cannot be found, or diskette data set label cannot be found.

Mount the correct volume and rerun.

DM56 filename chan/device FILE NOT FOUND {RIC / blank}

This message is displayed for one of the following reasons:

1. Specified file cannot be found on the tape volume(s).
2. No file sequence number was specified, and the first file encountered had a label different from what was requested.
3. A file sequence number was specified, but the first file encountered with that file sequence number had a label different from what was requested.

The RIC is displayed when forward processing is employed. A response is required for the job to continue. Check to see if the correct volume is being used.

Reply:

R If the correct volume was NOT mounted. Mount the correct volume and issue this reply (to retry the job).

I To ignore the error condition.

C To terminate the operation in progress.

If the RIC is not displayed, backward processing is employed. Correct the condition and rerun.

DM57 filename chan/device ACCESS ATTEMPTED TO UNEXPIRED FILE RIC

The expiration date in the tape label (HDR1), disk label (FORMAT-1) or diskette label has not been reached.

This message requires a response for the job to continue. Check to see if the correct volume is being used.

Reply:

R If the correct volume was NOT mounted. Mount the correct volume and issue this reply (to retry the job).

I To ignore the error condition.

C To terminate the operation in progress.

DM58 filename chan/device FSN DOES NOT MATCH FIRST VOLUME VSN

This message is displayed for one of the following reasons:

1. For an input file, the file serial number in the HDR1 label does not match the volume serial number in the VOL1 label of the first volume of the file.
2. For an output file, the first volume of the file is being processed, and a file serial number (FSN) has been specified which differs from the specified VSN.

Correct the job control stream and rerun.

DM59 filename chan/device STD LABEL FIELDS DO NOT MATCH JCL SPECS

A mismatch was found between the job control creation date, generation number, or version number specifications and the tape labels (HDR1/EOF1).

Correct the job control stream and rerun.

DM60 filename chan/device TAPEMARK NOT FOUND AT FILE BOUNDARY

During OPEN processing, the tapemark at the file/data boundary could not be found.

Mount the correct volume and rerun.

DM61 filename chan/device INVALID DECLARATIVE PARAMETER, TYPE=nn

A data management control structure contains an invalid parameter or combination of parameters.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. Refer to Appendix E for explanation of the subcodes associated with the message.

Correct your program and rerun.

DM62 filename chan/device 80 COL CDS READ WITH BKSZ 81-96

A file with a BLKSIZE specification of 81-96 is being used to read 80-column cards. This is a warning message only. The file will be opened.

No response is required.

DM63 filename chan/device BINARY CD FILE CAN'T BE SPOOLED

User has attempted to spool in a binary mode card input file. The file will not be opened.

Modify the control stream, if necessary, so that the file is not spooled in.

DM64 filename chan/device COMBINED CARD FILE CAN'T BE SPOOLED IN

User has attempted to spool in a combined card file. The file will not be opened.

Modify the job control stream, if necessary, so that the file is not spooled in.

DM65 filename chan/device ILLEGAL KEY CHANGE DURING UPDATE

During update, MIRAM detected a change in a key for which changes are not allowed.

Correct your program and rerun.

DM66 filename chan/device FILE INACCESSIBLE, TYPE=nn

The file cannot be accessed or further access to the file is not recommended.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. See Appendix E for an explanation of the subcodes associated with the message.

Recreate the file and rerun.

DM67 filename chan/device INVALID APPLY/QUERY REQUEST, TYPE=nn

Error detected during apply or query processing.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. See Appendix E for an explanation of the subcodes associated with the message.

Correct your program and rerun.

DM68 filename chan/device INVALID VOLUME CONFIGURATION, TYPE=nn

An error was detected in JCL specification for the file.

The message type subcode nn is used to provide additional information as to why the message was displayed or printed. See Appendix E for an explanation of the subcodes associated with the message.

Correct job stream or the access specification in the program and rerun.

NOTE:

Messages DM70 through DM79 are used in conjunction with Paper Tape Subsystem OUK-0930, available only in Japan.

DM70 filename chan/device J-MSG INTERVENTION REQUIRED

DM71 filename chan/device J-MSG EQUIPMENT CHECK DETECTED

DM72 filename chan/device J-MSG BUFFER CHECK DETECTED

DM73 filename chan/device J-MSG NO. 1

DM74 filename chan/device J-MSG NO. 2

DM75 filename chan/device J-MSG NO. 3

DM76 filename chan/device J-MSG NO. 4

DM77 filename chan/device J-MSG NO. 5

DM78 filename chan/device J-MSG NO. 6

DM79 filename chan/device J-MSG NO. 7

DM80 filename chan/device BEGIN OUTPUT FILE PUNCH RECOVERY. R,U?

An 0604 row punch hole count error has occurred.

Remove all cards from error stacker and discard last card. Reply R to message.

DM81 filename chan/device PERFORM PUNCH RECOVERY STEP 2A. R,U?

This is a continuation of the DM80 error recovery procedure.

Discard all cards in error stacker except last card. Reply R to the message.

DM82 filename chan/device PERFORM PUNCH RECOVERY STEP 2B. R,U?

This is a continuation of the DM80 error recovery procedure.

Discard all cards in the error stacker. Reply R to the message.

DM83 filename chan/device BEGIN OF FILE MARKER NOT COMPLETE **I,C

The beginning of file marker on the paper tape (DTFPT system) does not match the marker specified in the DTF.

This message requires a response for the job to continue.

Reply:

I To ignore the error condition.

C To cancel the job.

DM84 filename chan/device IS IT END OF FILE OR END OF TAPE **F,T

The paper tape system (for DTFPT) has detected the end of a strip of tape.

This message requires a response for the job to continue.

Reply:

- **F** If no more strips of tape are to be read; this reply will initiate end-of-file (EOFADDR) processing.
- **T** To read another strip of tape. Mount the tape in the reader, set the reader in the RUN state, and reply "T".

DM85 filename chan/device NO SPACE FOR PRINTER SKIP CODES

Area reserved for printer spool line control table was not large enough.

Change // SPL job control statement to permit sufficient space and rerun the job.

DM86 filename chan/device SPOOL FILE FOR RDR NOT CREATED

User did not spool in card reader file or deleted file before job step execution.

Respool input file and rerun job.

DM87 filename chan/device VFB/LCB UNRECOVERABLE ERROR

Physical I/O error while loading VFB and/or LCB for printer.

Fix printer problem and rerun job.

DM88 filename chan/device FILE SHR ENVIRONMENT INCOMPATIBILITY

Another job or task is using the file, the share environments are not compatible, and the user has indicated that he does not want his task to wait.

Change the file share environment or wait until the file is available.

This message also occurs when the user enters a ZZBTH module/file command and the file name is not a source file. IMS may have to be reloaded to enable batch transaction processing.

DM89 filename chan/device DISKETTE DRIVE NOT AVAILABLE

The requested diskette drive is not available.

Rerun the job when the device is available.

DM8A filename chan/device INVALID DISKETTE ASSIGNMENT

A diskette of a type that is not supported by data management has been mounted.

Mount the proper type of diskette and rerun.

DM8B filename chan/device INVALID RCSZ WITHOUT SPANNING

A record size greater than the diskette's physical sector size and unspanned records has been specified.

Change the record size to be less than or equal to the physical sector size or specify spanned records and rerun.

DM8C filename chan/device INVALID DISKETTE DATA SET LABEL, TYPE=nn

The data set label for a diskette file has invalid information in it.

The message type subcode nn is used to provide additional information as to why the message was printed or displayed. Refer to Appendix E for explanation of the subcodes associated with this message.

Recreate the file and rerun.

DM8D filename chan/device RIB PARAM NOT EQUAL TO DISKETTE, TYPE=nn

A RIB parameter has been specified in the program that does not match a value stored in the data set label for an existing diskette file.

The message type subcode nn is used to provide additional information as to why the message was printed or displayed. Refer to Appendix E for explanation of the subcodes associated with this message.

Correct your program and rerun.

DM8E filename chan/device WRITE PROTECT WITH INIT/EXTEND

During the opening of a disk or data set label diskette file with the intent to INIT/EXTEND, a write disable condition was detected (for example, the write protect notch was set on a diskette or the write protect switch was set on a disk).

Correct the error condition. Either change the specification and process the file in its present condition or change the write protect status of the hardware and rerun the job.

DM8F filename chan/device DISKETTE SPOOLING ERROR, TYPE=nn

An error has occurred during the OPEN of a diskette file being spooled.

The message type subcode nn is used to provide additional information as to why the message was displayed. Refer to Appendix E for an explanation of the subcodes associated with this message.

Correct the error condition and rerun.

DM8G filename chan/device INVALID OR NO MEDIA MOUNTED

Corrective action is to mount diskette specified in the mount message that immediately follows this message.

DM90 filename chan/device BEGIN ERROR RECOVERY n ERROR CARD(S). R,U?

Either an 0604 or an 0605 punch-hole count error occurred.

If an 0604 punch was used, remove cards from the normal output stacker. Remove cards from the error stacker and discard one or two cards (as indicated in message) from back of the deck. Remove the cards from the input hopper and replace them with blank cards. Reply R to the message.

If an 0605 punch was used, remove cards from the normal output stacker. Remove the card from the error stacker and discard. Remove cards from the input hopper and replace them with blank cards. Reply R to the message.

DM91 filename chan/device HAVE BLANK CDS BEEN PLACED IN HOPPER? R,U?

This is a continuation of DM90 error recovery procedure.

If an 0604 or 0605 punch was used, make certain blank cards are now in the input hopper. Reply R to the message.

DM92 filename chan/device DO RECVRY STEP 2. REFILE LAST n CD(S). R,U?

This is a continuation of the DM90 error recovery procedure.

If the 0604 or 0605 punch was used, remove cards from the normal output stacker. Place the last one or two cards (as indicated in the message) in front of the group removed from the normal output stacker. Remove the blank cards from the input hopper. Place the deck from the normal output stacker in the input hopper. Place the remaining input cards in the input hopper. Reply R to the message.

DM93 filename chan/device PERFORM PUNCH RECOVERY STEP 3. R,U?

This is a continuation of the DM90 error recovery procedure. If an 0604 or 0605 punch was used, make certain blank cards are now in the input hopper. Reply R to the message.

DM94 filename chan/device PREPUNCHED CD DETECTED DURING ERR RECOVERY

An 0604 or an 0605 punch found a nonblank card.

The program is aborted.

DM95 filename chan/device PUNCH OFF-LINE. R,U?

A punch is offine.

Place the punch online. Reply R to the message.

DM96 filename chan/device PUNCH MISFEED. R,U?

A punch misfeed occurred.

Replace card that misfed. Reply R to the message.

DM98 filename chan/device LOGICAL END OF FILE REACHED RI*

This message is displayed when an attempt is made to extend a file on a tape that was generated prior to release 5.0.

This message requires a response for the job to continue.

Reply:

R If the file is to be extended on the next volume.

I If the file is to be extended on the mounted volume.

DM99 filename chan/device INVALID TAPE EXTEND, TYPE=nn

An error was detected during OPEN processing of a tape file to be extended.

The message type subcode nn is used to provide additional information as to why the message was displayed. Refer to Appendix E for an explanation of the subcodes associated with this message.

Correct the error and rerun.

DMFF JOB WAITING FOR A LOCKED FILE

Because of a file share incompatibility, your job cannot OPEN a file and is placed in waiting. The OPEN is attempted each time that another job closes the same physical file.

Determine the physical file name (LBL) of the file in question by displaying the job status (DI JS command). For information on data management file sharing, see the current version of the consolidated data management concepts and facilities user guide, UP-9978.

DP001 INVALID OPCODE IN INPUT FILE

An invalid opcode was found in the encoded object module file produced by the dialog specification language translator.

Verify that you specified the file and object modules correctly on the // USE command and that the dialog processor reported no errors during the DSLT compilation of the dialog.

DP002 PRIMARY STACK EXHAUSTED

The primary stack has been exhausted during processing of an encoded object module file by the dialog processor.

Reduce the size of the program and rerun.

DP003 BAD DATA FOUND ON PRIMARY STACK

The dialog processor encountered bad data in the primary stack.

Verify that you specified the file and object modules correctly on the // USE command and that the dialog processor reported no errors during the DSLT compilation of the dialog.

DP004 BUFFER FOR PRESENT ID EXHAUSTED

The identification buffer for the DSL PRESENT command is exhausted.

Reorganize DSL program so that the number of DSL blocks processed at any one time is reduced.

DP005 BUFFER FOR NESTED TREE EXHAUSTED

The buffers for nested tree information (loop counter, program counter, etc) are exhausted.

Reorganize DSL program to reduce the number of calls to nested trees.

DP006 BUFFERS FOR DO COMMAND EXHAUSTED
The buffers for DSL DO commands are exhausted.

Reorganize DSL program to reduce the number of DO commands.

DP007 DO LOOPS NESTED TOO DEEPLY
Buffers for nested DO commands are exhausted.

Reorganize DSL program to reduce the number of calls to nested DO commands.

DP008 AN ARRAY IS ALREADY CONTROLLED
The array specified in a DO CONTROLLED BY command is already controlled by another DO command.

Correct DSL program.

DP009 UNCONTROLLED ARRAY FOUND IN FETCH
The dialog processor is unable to load an array because it is not controlled.

Correct DSL program.

DP010 LOOP INDEX EXCEEDS SIZE OF ARRAY
The dialog processor found the value of the loop index to be greater than the number of elements in an array.

Correct DSL program.

DP011 INVALID OPERAND IN INPUT FILE
The dialog processor found an invalid operand in the encoded object module file produced by the dialog specification language translator.

Verify that you specified the file and object modules correctly on the // USE command and that the dialog processor reported no errors during the DSLT compilation of the dialog.

DP012 UNCONTROLLED MASK IN PRESENT MODE
While processing a load command with a mask clause, the dialog processor found that the specified array is uncontrolled. The mask clause is meaningless if the destination array is uncontrolled.

Correct DSL program.

DP014 WORKSTATION MSG BUFFER EXHAUSTED
The message buffer for DSL DISPLAY and ENTER commands is full.

Reorganize DSL program so that the message created as a result of DISPLAY and ENTER commands does not exceed the size of the workstation message buffer.

DP016 ERROR IN GETBUF MACRO REQUEST
An error was encountered when the dialog processor attempted to load a buffer.

This message reflects an unrecoverable error condition during the dialog execution. If the error persists, submit a SUR.

DP019 INVALID PARAGRAPH NUMBER(S) SPECIFIED
When using the extended version of the dialog processor, an invalid paragraph number was specified for the paragraph to be changed.

Enter correct paragraph number.

DP023 READ ERROR FOR INPUT DIALOG FILE
The dialog processor encountered an error when attempting to read an input dialog file.

Recompile the dialog; if error continues, contact your Sperry representative.

DP051 NEW AUDIT FILE STACK EXHAUSTED
During creation of the new audit file, an internal processing stack overflowed.

Report the problem by submitting a SUR.

DP052 PARAGRAPH NUMBERS ARE NOT IN ASCENDING ORDER
This error occurs during use of the extended version of the dialog processor. The paragraphs that were requested for auditing were not entered in ascending order.

When the request for paragraph numbers reappears on the screen, enter the numbers in ascending order.

DP053 READ ERROR IN OLD AUDIT FILE
An error occurred during a read of input old audit file.

This message reflects an unrecoverable I/O error condition during input file processing. Check the file for the correct name and retry. If the error persists, recreate the audit file.

DP054 OLD AUDIT FILE STACK EXHAUSTED
An internal processing stack overflowed during reading of the old audit file.

Report the problem by standard SUR procedure.

DP060 EOF ERROR OCCURRED ON A WORKSTATION
An end-of-file condition occurred on a workstation.

Rerun the dialog.

DP061 I/O ERROR OCCURRED ON A WORKSTATION
A read from the workstation failed during use of the extended version of the dialog processor.

When the screen reappears, enter the correct data.

DP062 INVALID FUNCTION KEY(S) TRANSMITTED
An invalid function key was pushed during use of the extended version of the dialog processor.

When the screen reappears, push one of the valid function keys in response (i.e., 1 through 7).

DP063 MULTIPLE FUNCTION KEYS TRANSMITTED
More than one function key was pushed at one time during use of the extended version of the dialog processor.

When the screen reappears, push only one function key in response.

DP081 DIALOG INPUT FILE MISSING
The dialog processor execution requires assignment of a DIALOG file on the // USE statement.

Correct the job stream and retry.

DP082 INSUFFICIENT MEMORY
The dialog processor has been unable to allocate sufficient main storage to successfully open the file for processing.

Either wait for main storage to become available or reduce options for the dialog processor and rerun the job. To get complete main storage availability, wait until all current jobs are completed before rerunning the dialog processor job.

DP083 INVALID RECORD FORMAT
The dialog processor only supports fixed-length records. All other record formats are rejected.

Correct the RCFM parameter in the RIB macro and retry.

DP084 WORK=NO AND NO IOA1 GIVEN
The dialog processor requires that the user program contain the WORKA=YES specification to transfer the records built by the processor.

Specify WORKA=YES in the RIB macro and retry.

DP085 DP OPEN ERROR (WORKSTATION)
The dialog processor attempted to open the workstation file using WSAM control mode, but an error was detected by WSAM.

Correct the workstation specifications in the RIB macro and retry.

DP086 OPEN ERROR ON OLD AUDIT FILE
An error was encountered by the dialog processor during an attempt to open the old audit file.

Check the old audit file for correct name and file and retry.

DP087 OPEN ERROR ON NEW AUDIT FILE
The dialog processor encountered an error during an attempt to open the new audit file.

Check the new audit file for valid name and file and retry.

DP088 OPEN ERROR ON DIALOG FILE
The dialog processor encountered an error during open processing.

Check the dialog file for valid name and file and retry.

DP089 DP ERROR DURING RIBSCAN
The dialog processor detected an error in the user-specified RIB during open processing.

Correct the RIB parameters and retry.

DP090 ERROR DURING RDBLK MACRO
The dialog processor detected an error when fetching the USE block from the system during open processing.

Check the format of the // USE statement.

DP091 OPEN ERROR ON PRINTER FILE
During dialog processor open processing, an error was detected when opening the printer file assigned on the // USE statement.

Check the RIB macro for a printer file.

DP092 I/O ERROR DURING DP OPEN

An error was encountered during dialog processor open processing when an I/O was attempted to one of the dialog processor subfiles.

Check the printer and workstation device assignment sets.

DP095 SOME RECORDS TRUNCATED

The buffer allocated in the user program was smaller than the record size generated by the DSL program. The record is truncated, and processing continues. To prevent truncation of records, rewrite the dialog file to process input records correctly.

This is an informational message.

DP096 ATTEMPT TO READ 0 LEN RECORDS

User buffer size set to zero when the DMINP command was issued. The length field must be nonzero on reads with WKFM=VARI.

Ensure that the length field is nonzero on reads with variable-length records.

DP097 ERROR ACCESSING CLOSE MODULE

The dialog processor could not find the close module, DPCLOS, in the system shared code library.

Check YSCLOD for the module DPCLOS. If the module is there and still cannot be accessed, contact your local Sperry representative.

DP098 INVALID SEQUENCE OF COMMANDS

The user attempted to do an illogical operation (e.g., a read after EOF).

Correct the program and rerun.

DP099 DP CLOSE ERROR

An error occurred during closing of the dialog processor file.

This is an informational message.

DP100 OS/3 DIALOG PROCESSOR VER xxx READY

The dialog processor version xxx open processing reports ready for processing.

This is an informational message.

DR01 INVALID PARAMETER CARD

An invalid parameter has been encountered: the parameter card is not IN=, OUT=, END=, TYPE=, RESTART=, or NOEXPCK=. The specification for IN= or OUT= is not TAPE, DISK, or SEQD.

Correct error and rerun job.

DR02 MISSING // PARAM IN CARD AND/OR // PARAM OUT CARD

The // PARAM IN card and the // PARAM OUT card are required by dump/restore. One or both are missing.

Insert required card or cards and rerun the job.

DR03 PARAM CARD - LFD CARD NOT MATCHED JOB TERMINATED

The device type allocated disagrees with the device specified on the IN= and OUT= param card.

Correct the inconsistency and rerun.

DR04 DUMP/RESTORE CONTROL RECORD NOT FOUND ON INPUT MEDIUM

When creating an intermediate medium, dump/restore writes a control record as the first record on the medium. The first record retrieved from the intermediate medium is not a control record. Either the intermediate medium's data has been destroyed, or an incorrect volume has been mounted.

Check the volume being used. If correct, medium's data has been destroyed and must be recreated.

DR05 INVALID DISC TYPE NOT SAME TYPE AS THAT DUMPED

The disk being dumped is a disk type different from that being restored.

Correct the inconsistency and rerun.

DR06 DUMP/RESTORE DOES NOT SUPPORT DEVICE SPECIFIED

Either the input or output device specified is not supported by the dump/restore routine. Dump/restore is terminated.

Rerun job using dump/restore supported disk.

DR07 BOTH FILE AND END SPECIFIED - END WILL BE IGNORED

Specification of both // PARAM TYPE=FILE and // PARAM END= cards is inconsistent. The // PARAM END= card is ignored.

If volume processing is desired, remove // PARAM TYPE=FILE card.

DR08 OUTPUT DISC IS SYSRES OR SYSRUN

The output disk specified may not be a SYSRES or SYSRUN device.

Specify the correct device.

DR09 THERE IS EITHER A FATAL PROGRAM OR I/O ERROR

Self-explanatory.

Try to rerun the job. If error persists, contact the Sperry customer engineer.

DR10 LFD CARD MISSING OR MISSPELLED

Indicates one of the following errors: the // DVC-LFD sequence may be missing or the filename of LFD card may be misspelled.

Insert required card or correct misspelling and resubmit.

DR11 SAT TAPE ERROR - - REFER TO DMxx

An error has occurred during an attempt to open a tape file.

Check that the proper tapes have been mounted. Refer to the data management message specified by DMxx for additional information.

DR12 TAPE CREATED ON SELECTOR TAPE MUST INPUT FROM SELECTOR

The input tape is assigned to a device on a MUX channel, but the tape was created on a device on a selector channel. When a tape is created on a selector device, larger block sizes are used. A MUX channel device cannot read these larger block sizes.

Mount the input tape on a selector channel device and rerun the job.

NOTE:

To ensure that tapes can be read on either a MUX or a selector channel device, use the MUX option on the // PARAM OUT card when creating the output tape.

DR13 BOTH VOLUMES ASSIGNED TO SAME DEVICE: CHANGE ONE, RERUN

Both input and output are assigned to the same disk device.

Correct the wrong device assignment and rerun the job.

DR14 ERROR CODE number WHILE ACCESSING VTOC OF INPUT FILE

Dump/restore encountered the error code noted while trying to access the VTOC of the input disk.

Make sure the file name is spelled correctly and the correct input pack is mounted. If the file name and input pack are correct, check the error code in Appendix A. Correct the problem and rerun the job.

DR15 PHYSICAL RESTORE REQUESTED FROM FILE MODE TAPE

Tape submitted as dump/restore was dumped in file mode. User is now trying to restore physically.

Check the tape supplied or check for a missing // PARAM TYPE=FILE.

DR16 RENAME REQUIRED BUT NOT SPECIFIED

When restoring files in a file environment (FILE card), renaming is required if the input and output device is the same disk, or if the output disk is SYSRES or SYSRUN and the file being restored is SYSPOOL or begins with a '$'.

Include renaming parameters on the FILE card and rerun.

DR17 UNABLE TO ALLOCATE ABSOLUTE EXTENTS AS REQUESTED

Dump/restore is unable to allocate a file in the absolute extents requested by the user. This error also occurs when a file that has never been opened by data management is attempting relocation.

Scratch data from extents or remove ABS parameter. If a file has never been opened by data management, either open and close it once, or remove the name of the file from the list of files to be restored. Resubmit job.

DR18 INSUFFICIENT MEMORY FOR BUFFER

Disk being dumped/restored required a large main storage allocation for a buffer.

Increase the main storage size on the // JOB card and rerun.

DR19 WARNING - - FIRST PARAMETER NOT - - FILE - - CARD BYPASSED

Error or FILE card. The file in question is not processed.

Correct error and resubmit job.

DR20 DUPLICATE VSN NOT PERMITTED WHEN TYPE=FILE

Output disk is a duplicate VSN. Output device VSN may not be the same as another device online.

Replace with nonduplicate volume serial number and resubmit job.

DR21 FILE RESTORE REQUESTED FROM PHYSICAL MODE

A request for a file to be restored was made but the tape or diskette supplied was dumped in physical mode. Either the wrong tape or diskette was supplied or the tape was created in the wrong mode for a file restore.

Supply the proper tape or diskette and rerun the job.

DR22 INVALID IN/OUT COMBINATION FOR RESTART

This problem can be caused by either of the following:

1. Neither // PARAM IN nor // PARAM OUT is specified as SEQD.
2. Both // PARAM IN and // PARAM OUT are specified as SEQD.

These combinations are not allowed with // PARAM RESTART.

Correct the specification and retry.

DR23 VTOC IN ERROR

VTOC copied to output pack is not valid.

Space management has encountered an error in the VTOC.

Check input disk's VTOC. DMPRST may not be used to copy a bad VTOC.

DR24 VTOC ADJUSTMENT ERROR - FILE SPACE LOST

User copied disk from a higher density device which had space allocated in the higher cylinders. Output disk is disabled.

Resubmit job using higher density device.

DR25 VSN SPECIFIED IS BEING REPLACED WITH vsn FROM PUB

The VSN specified on the // VOL card is not the same as the VSN in the PUB trailer. DMPRST will use the VSN in the PUB trailer.

This message is informational; no action is required.

DR26 INPUT FILE'S EXTENTS DO NOT MATCH RESTARTED FILE'S

The file defined on diskette and the restarted file on disk do not match. One of these files is probably incorrect.

Correct the problem and retry.

DR27 RESTART UNABLE TO FIND REQUIRED FILE IN CONTROL STREAM

There is no FILE card in the control stream for the first file on restarted diskette volume. A FILE card is required for all files when restarting, even if the file is not being restored. If restoration is not desired, use the SKP option on the FILE card.

Include a FILE card in the control stream and rerun the job.

DR28 RESTART FILE MISMATCH
The volume mounted for RESTART does not match the condition of the disk. Either the disk file or the output disk is incorrect.

Correct the problem by checking your diskette mounted with file cards. Retry.

DR29 ERROR code RETRIEVING DISKETTE LABEL
An error occurred during retrieval of diskette label for RESTART. This is a space management error and the diskette cannot be read.

Refer to Appendix A for an explanation of the error code specified in the message.

DR30 INCORRECT DISKETTE VOLUME MOUNTED FOR RESTART
The first volume of a file has been mounted for a restart, or a prepped diskette containing no data has been mounted for a restart.

When restarting, the last volume completed (one containing data) should be mounted, with the exception of the first volume on the diskette. Rerun the job if the last completed diskette was volume 1.

DR31 VSN MISMATCH DURING RESTART
Restart information does not match volume serial number on disk.

User is improperly restarting a dump or restore. Correct the problem and retry.

DR32 PREALLOCATED FILE NOT FOUND
Dump/restore could not retrieve format labels of file specified as being preallocated.

Validate output disk and rerun job.

DR33 PREALLOCATED FILE HAS INSUFFICIENT SPACE
File preallocated does not have sufficient space to contain the file.

Increase the preallocated file space and resubmit job.

DR34 VTOC INCONSISTENCY DURING RESTART
The VTOC in the restart information on the diskette does not match the VTOC of an input disk, or the output disk's VTOC pointer is not cleared and no restart should be attempted.

User is improperly restarting a dump or restore. Correct the problem and retry.

DR35 INSUFFICIENT SPACE FOR FILE ON OUTPUT DISC
Dump/restore was unable to allocate sufficient space for the file on the output disk.

Resubmit job using output disk with sufficient file space or scratch unnecessary file space for output device.

DR36 LOGICAL EXTENT TABLE EXHAUSTED
An unfavorable allocation of extents has been received for the relocating of a file. This allocation has resulted in the logical extent table overflowing.

Scratch unnecessary files to provide sufficient contiguous file space and resubmit job.

DR37 ERROR CODE error-code WHILE ALLOCATING FILE
Dump/restore encountered error code while trying to allocate a file on the output disk.

Check error code, correct, and resubmit job. (Error codes are explained in Appendix A.)

DR38 ERROR CODE error-code WHILE ACCESSING VTOC OF OUTPUT FILE
Dump/restore encountered the error code while trying to retrieve format labels from the VTOC of the output disk.

Check error code, correct, and resubmit job. (Error codes are explained in Appendix A.)

DR39 ERROR WHILE UPDATING FORMAT number LABEL
Dump/restore encountered an error while updating the format label noted.

Contact your local Sperry representative.

DR40 INPUT FILE EXHAUSTED SEARCHING FOR FILE=filename
File requested was not on input medium or was not in proper order on input medium. Dump/restore cannot reposition tape to locate previously occurring files.

Mount volume or place files in correct order and resubmit job.

DR41 SPLIT CYCLINDER FILE ERROR
OS/3 does not support split cylinder files.

DR42 ADJUSTMENT TABLE OVERFLOW
Relocated file's allocation has caused dump/restore to overflow table for adjusting disk address.

Contact your local Sperry representative.

DR43 DUMP/RESTORE IN VOLUME MODE ATTEMPTED WITH FHA DISC
An 8417 disk with the fixed-head option may not be dumped in volume mode.

Use automatic file dump (// PARAM TYPE=FILE,ALL).

DR44 INVALID SPECIFICATION ON // PARAM TYPE=FILE CARD
The parameter card TYPE=FILE is incorrect.

Correct the card by specifying one of the following:

```
// PARAM TYPE=FILE
// PARAM TYPE=FILE,ALL
```

DR45 RESTART BY VOLUME ATTEMPTED WITH FILE DUMP INPUT
The user is attempting to restart dump or restore in a volume environment on diskettes that can be restarted only in a file environment. The restart should be by file, or the wrong diskettes are mounted.

DR46 FOLLOWING JOB TEMPORARY FILE HAS BEEN SKIPPED FILEID=file-id

During a dump using

```
// PARAM TYPE=FILE,ALL
```

a job temporary file is encountered and is skipped. Job temporary files have one of the following characteristics:

1. File-id begins with YRUN.
2. First byte of file-id is X'F1' through X'FE' and the second, third, and fourth bytes are either SCR or JOB.

This is an informational message. No action is required.

DR47 {$IPL / $IMPL} MAY NOT BE RENAMED OR RELOCATED

The dump/restore options for renaming and relocating a file may not be used for the $IPL or $IMPL files.

Restore $IPL and $IMPL with their original names and allow them to be placed in the required physical addresses.

DR48 $VTOC NOT RESTORED

DMPRST encountered the file $VTOC on the input medium, but did not restore it to the output disk. DMPRST used the VTOC already on the disk. Only SU@RST can restore $VTOC.

This is an informational message. No action is required.

DR49 FILE CARD(S) NOT PROCESSED

This message is displayed in conjunction with another message immediately preceding it. The file card(s) were not processed because of the error that produced the message preceding DR49.

This is an informational message. No action is required.

DR52 OUTPUT DISC HAS UNEXPIRED FILE WITH SAME NAME AS REQUESTED ABOVE

The file was not restored because an unexpired file having the same name exists on the output pack.

Request a different file name or answer expiration message to ignore data check.

DR53 ERROR error-code WHILE CHECKING EXPIRATION - - FILE NOT RESTORED

An error occurred during an attempt to check expiration date for output pack. The pack or file was not restored.

If the error code is FF, the problem is in the console message interface. Other space management error codes are explained in Appendix A.

DR54 UNEXPIRED FILE(S) ON OUTPUT DISC

Output disk may not be destroyed because of unexpired files.

Check unexpired files on output disk.

DR55 ERROR error-code WHILE CHECKING EXPIRATION - - JOB TERMINATED

An error occurred during an attempt to verify the expiration date of the output disk.

If the error code is FF, the problem is in the console interface. Other space management error codes are explained in Appendix A.

DR56 ABOVE FILE LOCKED ON INPUT DISC - - FILE NOT DUMPED
User option is not to wait for locked files. The file was locked so no dump (or copy) took place.

Retry at a later time or rerun and allow wait.

DR57 ABOVE FILE LOCKED ON OUTPUT DISC - - FILE NOT RESTORED
User option is not to wait for locked files. The file was locked so no restore (or copy) took place.

Retry at a later time or rerun and allow wait for unlock.

DR58 INVALID DISKETTE TYPE
The user mounted a format label diskette or a diskette prepped with a RECSZ of 512 or 1024. DMPRST diskettes must be data set label diskettes with a record size of 128 or 256.

Supply the correct diskette.

DR59 DATA MANAGEMENT ERROR DMxx
A data management error has occurred. If the DM error code is FF, an invalid screen name has been issued.

Data management error codes are explained in Appendix E.

DR60 DATA MANAGEMENT ERR WHILE WRITING DISKETTE DMxx SUB-CODE xx
A data management error occurred while writing to a diskette.

Refer to the data management message specified by the DM message code for appropriate action.

DR61 DISKETTE FILE SPACE EXHAUSTED
The number of diskettes supplied for the job is not sufficient to complete the dump of the input.

Supply more diskettes and rerun.

DR62 DATA MNGT ERROR WHILE READING DISKETTE DMxx SUB-CODE xx
A data management error occurred while reading from a diskette.

Refer to the data management message specified by the DM message code for the appropriate action.

DR63 DATA MGMNT ERR WHILE OPENING DISKETTE FOR {INPUT / OUTPUT} DMxx SUBCODE xx
Data management error occurred while opening either input or output diskette.

Refer to the data management message specified by the DM message code for appropriate action.

DR64 UNABLE TO ALLOCATE {INPUT / OUTPUT} DEVICE
The device (input or output) requested by the user could not be allocated at the time requested.

Make sure that the device type is correct and resubmit when the device is available.

DR65 UNABLE TO LOCK INPUT / OUTPUT FILE DMxx

The file was not dumped and/or restored because the input or output file could not be locked.

Refer to the data management message specified by DMxx for the cause of the error.

DR66 FILE ALLOCATED BUT DATA NOT COPIED

An input file was never opened. DMPRST allocated a file of the same size; however, there was no data to copy because the input file was never opened.

This is an informational message. No action is required.

DR67 INPUT/OUTPUT TAPE DRIVES MUST BOTH BE STREAMER DRIVES

If you are using dump/restore to do a tape-to-tape copy, and one of the tape drives handles streaming tape, then the other drive must also be a streaming tape drive.

Rerun the job using two streaming tape drives.

DR69 INVALID BLOCK FOLLOWING TAPE MARK ON INPUT TAPE

An input tape being restored must contain an end-of-file record (EOF), an end-of-volume record (EOV), or a new file record (D0D0) following a tape mark.

If the tape was created by a DMPRST job that terminated normally, attempt to rerun the job. If the problem persists, contact your Sperry representative.

DR71 I/O ERROR WHILE WRITING TO DISK AT CYL=xxxx/HEAD=yy

An unrecoverable error occurred while writing to disk. Dump/restore will proceed with the next record/track.

Determine whether faulty cylinder/head impacts the file(s) being restored.

DR72 UNABLE TO LOCK YDICTIONARY FILE FOR { INP / OUT } PUT

DMxx SUBxx

This message indicates an error while trying to open YDICTIONARY FILE using the data management command (DMOPN).

See the appropriate data management error code. Retry the job to dump/restore YDICTIONARY.

DR73 INSUFFICIENT JOB SIZE: ALLOCATE xxxxxxxx HEX BYTES

Insufficient memory was specified on the // JOB statement.

Delete the specification or change it to the value xxxxxxxx and rerun the job.

DR74 ATTEMPTED TO DUMP TO FILE WITH EXISTING DATA

The SEQDOT file for output has data in it.

Initialize the file or designate another file for DMPRST and rerun the job.

DSL001 STRING STORAGE BUFFER EXHAUSTED

The buffer containing all literal strings is filled. The length of some strings should be reduced.

Increase the size specified on the // JOB card and retry.

DSL002 SYMBOL ADDRESS TABLE EXHAUSTED

Too many symbols or variables are being used in the program.

Increase the size specified on the // JOB card and retry.

DSL004 DATA STACK IS EMPTY

Internal action processing stack was empty when data was expected.

Report the problem by standard SUR procedure.

DSL005 TOTAL # OF IDENT > # OF IDENT IN GROUP

The total number of identifiers in the program was found to be greater than the total number of identifiers in a group.

Report the problem by standard SUR procedure.

DSL006 GROUP DESCRIPTOR TABLES EXHAUSTED
Internal buffer for processing groups overflowed.

You can increase the size specified on the // JOB card or reduce the number of groups defined in program and retry.

DSL007 BLOCK # TABLE EXHAUSTED
The block organization stack overflowed during action processing (concerns buffer overflow).

Increase the size specified on the // JOB card and retry.

DSL008 BRANCH TARGET TABLE EXHAUSTED
Internal buffer for processing DO loops or IF-ELSE sequences overflowed.

Increase the size specified on the // JOB card and retry.

DSL009 MEANS BUFFER EXHAUSTED
The total length of all MEANS string used is too long (concerns buffer overflow).

Increase the size specified on the // JOB card and retry.

DSL010 ATOMS (RESERVED WORDS) BUFFER EXHAUSTED
The atoms (reserved words) buffer was filled during syntax processing.

Reduce the number of reserved words in the program and retry. If problem persists, report the problem by standard SUR procedure.

DSL011 SUCCESS STACK EXHAUSTED
Internal processing stack overflowed.

Increase the size specified on the // JOB card and retry.

DSL012 MEANS STACK EXHAUSTED
Too many MEANS declarations were used in the program (concerns buffer overflow).

Increase the size specified on the // JOB card and retry.

DSL013 BUFFER TO GENERATE CODE EXHAUSTED
Internal buffer used to generate code for the output file overflowed.

Increase the size specified on the // JOB card and retry.

DSL014 ADDRESS STACK EXHAUSTED
The address stack was filled during action processing.

Increase the size specified on the // JOB card and retry.

DSL015 ADDRESS STACK IS EMPTY
The internal address stack was found to be empty when data was expected.

Report the problem by standard SUR procedure.

DSL016 MEANS BUFFER FOR DECIMAL EXHAUSTED
The total length of decimal strings used in the MEANS declarations is too long.

Increase the size specified on the // JOB card and retry.

DSL017 MEANS BUFFER FOR STRING EXHAUSTED
The total length of literal strings used in MEANS declarations is too long (concerns buffer overflow).

Increase the size specified on the // JOB card and retry.

DSL018 UNIMPLEMENTED OPCODE

An internal error was detected in code generation. An undefined opcode was encountered.

Report the problem by standard SUR procedure.

DSL019 BUFFER FOR CONTROL VARIABLES EXHAUSTED

Internal processing buffer used to save control variables for DO FOR EACH commands overflowed.

Increase size specified on // JOB card and retry.

DSL020 INVALID ACTION # IN SYNTAX TABLE

An internal error was encountered in the syntax table.

Report the problem by standard SUR procedure.

DSL021 IDENTIFIER TABLE EXHAUSTED

The table that stores the number of symbols defined in the program has overflowed.

Decrease the number of symbols defined in the program or increase size specified on // JOB card and retry.

DSL022 ERROR IN OPENING COPY FILE 1

An error occurred during opening of the first library file specified on the PARAM COPY job control statement.

Ensure that the job stream contained the DVC-LFD sequence for this library and rerun the job.

DSL023 ERROR IN OPENING COPY FILE 2

An error occurred during opening of the second library file specified on the PARAM COPY job control statement.

Ensure that the job stream contained the DVC-LFD sequence for this library and rerun the job.

DSL024 EOF CARD MISSING: SUPPLIED BY DSLT

An EOF card was not found in the input program. The dialog specification language translator (DSLT) supplied one following the last statement.

No action is required.

DSL025 UNDEFINED SYMBOL

This statement contains a symbol or variable not defined in the program.

Correct the program and retry.

DSL026 UNDEFINED BLOCK NAME

This statement contains a block name not defined in the program.

Define the block name with a DO. . .END declaration and retry.

DSL027 INVALID DSL RESERVED WORD SPECIFIED: xxxxxxxxx

The syntax scanner was expecting a reserved word but encountered the specified reserved word instead. For example, a semicolon was expected to end a statement, but the first symbol of the next statement was scanned instead.

Correct syntax and retry.

DSL028 INVALID STRING EXPRESSION

A string expression contained an illegal character.

Correct the string expression and retry.

DSL029 COPY MODULE COULD NOT BE LOCATED: module-name
The module name specified in the COPY command is not in either library.

Add module name to the library file.

DSL030 UNDEFINED SYMBOL OR SYNTAX ERROR
The command contains a symbol not defined in the program, or there is an error in the format.

Define the symbol with the proper declaration, or correct the syntax of the command.

DSL031 LENGTH OF ALPHA-NUMERIC DATA IS OMITTED
For data type A, the size field has been omitted in a DATA declaration.

Enter the size in the DATA declaration.

DSL032 LENGTH OF DECIMAL DATA IS OMITTED
For data type D, the size field has been omitted in a DATA declaration.

Enter a size in the DATA declaration.

DSL033 # OF DIGITS BEFORE DECIMAL POINT > 9
The number of decimal digits before the decimal point cannot exceed nine.

Reduce the number of decimal digits before the decimal point.

DSL034 # OF DIGITS AFTER DECIMAL POINT INVALID
The number of digits after the decimal point exceeds nine or is zero.

Correct the number of digits after the decimal point.

DSL035 INVALID FORMAT SPECIFICATION
An invalid specification was encountered in the format.

Check the program for proper format.

DSL036 INVALID RESERVED WORD
A reserved word was expected, but a nonreserved word symbol was encountered.

Correct the syntax of the command.

DSL037 INVALID SYMBOL
An item type that is not the required item type is used.

Correct the command and retry.

DSL038 INPUT LINE TOO LONG - TRUNCATED
This message is printed by the dialog processor when the source line contains nonblank characters beyond the column number + 7 specified in the // PARAM SEQ statement. This is a warning message to indicate that the line is truncated. Note that spaces are ignored.

Ensure that the PARAM statement contains a number that can handle the source line, or correct source line.

DSL039 INVALID BIT STRING
A character other than 0, 1, T, F, period (.), or comma (,) is used in a bit string.

Correct the bit string and retry.

DSL040 INVALID INPUT PARAMETER

The format of the // PARAM IN job control statement is illegal.

Correct the statement and retry.

DSL042 ERROR WHILE READING INPUT PARAMETER CARDS

An I/O error occurred during reading of the PARAM job control statements.

Rerun the job.

DSL043 INVALID // PARAM STATEMENT

An invalid // PARAM job control statement is used in the job control stream.

Correct the job control stream and retry.

DSL044 MORE THAN 255 ITEMS IN A BLOCK

The number of allowable items (arrays, masks, trees, and branches) per block has been exceeded.

Reduce the size of the blocks by moving some of the items to another block or creating two blocks of the one and retry.

DSL045 MORE THAN 256 BLOCKS IN A PROGRAM

The number of allowable blocks in a program has been exceeded.

Reduce the number of blocks by creating one block out of two or more and retry.

DSL046 LIBRARY OR MODULE NAME > 8 CHARACTERS

Library and module names must be eight characters or less.

Reduce the number of characters in the library or module name.

DSL049 INVALID // PARAM OUT STATEMENT

The format of the // PARAM OUT job control statement is illegal.

Correct the statement and retry.

DSL051 INVALID // PARAM COPY STATEMENT

The format of the // PARAM COPY job control statement is illegal.

Correct the statement and retry.

DSL052 INVALID SEQUENCE # SPECIFIED

The sequence column number specified in the // PARAM SEQ statement is either 0 or greater than 129.

Correct the statement and retry.

DSL053 INPUT MODULE OPEN ERROR

An error occurred during opening of the input module.

Ensure that the module exists within the input library file.

DSL054 OUTPUT FILE OPEN ERROR

An error occurred during opening of the output file.

Ensure that the file has been allocated on the disk.

DSL055 INPUT MODULE READ ERROR

A SAT read error has occurred, or the first record in the module is not a librarian header record.

Correct input library file and rerun the job.

DSL056 CLOSE ERROR ON INPUT MODULE
An error occurred during the closing of the input module. Report the problem by standard SUR procedure.

DSL057 ILLEGAL TITLE STMT, OR TITLE LENGTH > 100
The length of the title in the TITLE statement cannot exceed 100 characters.

Ensure that the proper format is being used.

DSL058 ILLEGAL SPACE STATEMENT
Check the proper format for the SPACE statement. There is no default for the number of lines to be skipped.

Correct the program and retry.

DSL059 INVALID DECIMAL STRING
A nonnumeric character is used in a decimal string.

Correct the string and retry.

DSL060 INVALID HEXADECIMAL STRING
A nonhexadecimal character is used in a hexadecimal string.

Correct the string and retry.

DSL061 INPUT LIBRARY OPEN ERROR
An error occurred during opening of the input library file.

Ensure that the correct device is assigned for this library file.

DSL062 ILLEGAL COPY MODULE NAME
Module names used in the COPY command cannot be more than eight characters.

Correct the COPY command and rerun the job.

DSL065 NESTED COPIES EXCEED MAX LEVEL OF 7
Copy modules have embedded COPY statements so that more than seven copy modules have been opened at one time.

Check your copy modules to reduce the level of nested calls and retry.

DSL066 DUPLICATE NESTED COPY STATEMENT
Nested copy statement calls a copy module that is currently being processed.

Remove the duplicate copy statement and retry.

DU00 -W- CARD INPUT REC LENG EXCEEDS DEVICE LIMIT
The input device specification was for the card reader, and the specified record length was greater than 128. The job executed with a record length of 80. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired record length, correct the inconsistency and rerun the job.

DU01 -W- CARD OUTPUT REC LENG EXCEEDS DEVICE LIMIT
The output device specification was for the card punch and the specified record length was greater than 128. The job executed with a record length of 80. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired record length, correct the inconsistency and rerun the job.

DU02 -W- DUAL OUTPUT SPECIFIED WITH COMPARE

Two output devices were specified with the compare option. This is only permissible with the copy or correction options. The job executed without dual output. This is a warning message; the UPSI byte is set to X'20'.

If this is not desired, correct the inconsistency and rerun the job.

DU03 -W- DP SPECIFIED WITH UCP, UTP, OR UDP

The dual-output-to-printer parameter (DP) was specified, with the printer specified as the output device on the Uio statement. The job executed without dual output. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU04 -W- DUAL OUTPUT SPECIFIED WITH ASCII

The dual output parameter (DP) was specified with the ASCII tape output parameter (YO). The job executed without dual output. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU05 -W- I1 or I2 SPECIFIED WITHOUT CARD INPUT

EBCDIC code input parameter (I1) and column binary code input parameters (I2) are card input specifications, and card input was not specified. The job executed without the I1 or I2 parameters active. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU06 -W- INPUT TAPE REWIND SPECIFICATION WITHOUT TAPE INPUT

The input tape rewind parameter (IR, II, or IN) was specified, but tape input was not specified. The job executed and the tape rewind was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU07 -W- TAPE LABEL SPECIFIED WITHOUT TAPE I/O

There was no tape input or output and a tape label specification was made. The job executed and the tape label specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU08 -F- PRINT LINE SIZE GREATER THAN 161

The print line size specified in the second entry of the B=( ) parameter of the Uio statement is greater than 161. This message indicates a fatal error; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU09 -W- OUTPUT TAPE REWIND SPECIFIED WITHOUT TAPE OUTPUT
The tape rewind parameter (OR, OI, or ON) was given for the output file, but the output file type is not tape. The job executed and the rewind specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU10 -W- PAGE NUMBERING SPECIFIED WITHOUT PRINTER OUTPUT
The page numbering parameter (PY) was specified, but no printer output was specified. The job executed and the page number specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU11 -W- PRINTER SPACING SPECIFIED WITHOUT PRINTER OUTPUT
Printer spacing was specified but there is no printer output. The job executed and the printer spacing specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU12 -W- PRINT MODE SPECIFIED WITHOUT PRINTER OUTPUT
The display (TD) or list (TL) format parameter was specified but the output type is not printer. The job executed and the display or list specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU13 -W- ASCII INPUT SPECIFIED WITHOUT TAPE INPUT
The input was specified as ASCII (YI or YIN parameter), but the input file is not a tape file. The job executed and the ASCII specification is ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU14 -W- ASCII OUTPUT SPECIFIED WITHOUT TAPE OUTPUT
The output was specified as ASCII (YO parameter), but the output file is not a tape file. The job executed and the ASCII specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU15 -W- TAPE MARK SPECIFIED WITHOUT TAPE OUTPUT
A leading tape mark parameter (ZY) was specified, but there is no tape output. The job executed and the leading tape mark specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU16 -W- HEADINGS SPECIFIED WITHOUT PRINTER OUTPUT

Heading lines were specified but no printer output was specified. The job executed and the heading lines were ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU17 -W- 01 OR 02 SPECIFIED WITHOUT CARD OUTPUT

EBCDIC output code parameter (01) or column binary output code parameter (02) was specified but the output is not a card file. The job executed and the column binary or EBCDIC specification was ignored. This is a warning message; the UPSI byte is set to X'20'.

If this is not the desired solution, correct the inconsistency and rerun the job.

DU18 -W- A SEQUENCE ERROR HAS BEEN DETECTED

Sequence checking (X=(r,s) parameter) was specified. When a sequence error occurs, the sequence field of the previous record is printed, followed by the out-of-sequence field and then this message. This is a warning message; the UPSI byte is set to X'20'.

The program run continues.

DU19 -W- INPUT1 AND INPUT2 ARE OF UNEQUAL LENGTH

A comparison of INPUT1 and INPUT2 resulted in an unequal number of records. This is a warning message; the UPSI byte is set to X'20'.

No action is required.

DU20 -W- NUMBER OF COMPARISON ERRORS EXCEEDS SPECIFIED MAX

The number of comparison disagreements that have occurred is greater than the specified maximum. This is a warning message; the UPSI byte is set to X'20'.

No action is required.

DU21 -I- INSUFFICIENT MEMORY FOR DOUBLE BUFFERS

The DATA routine is processing the files using single buffers.

When executing the job in the future, allocate more main storage for faster processing.

DU22 -S- OUTPUT DISK KEY SPECIFIED WITHOUT DISK OUTPUT

The output device is not disk but an output disk key field (V=(n) or W=(n) parameter) was specified. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU23 -I- INPUT REC LENG NOT EQUAL OUTPUT REC LENG

The INPUT1 record length specification (A=(r,b) parameter) and the OUTPUT1/INPUT2 record length specification (B=(r,b) parameter) are not equal. If a compare operation is specified (K2), the compare will never be equal. If a copy operation (K1) without field select and the input record length is greater than the output record length, the output record will be truncated on the right. If the input record length is less than the output record length, the output record will be padded with blanks on the right. This is an informational message; the UPSI byte is set to X'00'.

No action is required by the programmer or operator.

DU24 -S- SEQUENCE CHECK FIELD NOT CONTAINED IN RECORD
The last byte of the sequence check field (X=(r,s) parameter) is specified at an address higher than the last byte of the input record. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU25 -S- SEL/DEL ARG NOT CONTAINED IN RECORD
The last byte of the select or delete search argument field (A=(sssss,aaa...a) parameter) is specified at an address higher than the last byte of the input record. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU26 -S- SEQUENCE NUMBER NOT CONTAINED IN RECORD
Output sequence numbering (Q=(c,s,n,i) parameter) was specified. The sequence number field extended beyond the last byte of the output record. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU27 -S- CANCEL SPECIFIED WITHOUT COMPARE
The cancel specification (C=(nnnnn) parameter) was entered without the compare parameter (K2) specified. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU28 -S- INPUT2 FILE POS, SPECIFIED WITHOUT COMPARE
File positioning for two input files was specified and the compare option (K2) was not specified. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU29 -S- O1 SPECIFIED WITH SEQUENCE NUMBERING
The output device was specified as card (O1) but the output mode was specified as column binary (O2). Under these conditions, output sequence numbering is not supported. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the problem and rerun the job.

DU30 -S- HEADINGS OR PY SPECIFIED WITH SA
First character forms control (SA parameter) cannot be specified with page numbering (PY parameter) and/or headers (Hn). This message indicates a serious error condition; the UPSI byte is set to X'40'.

Delete one of the mutually exclusive parameters and rerun the job.

DU31 -S- SEQ CHECK FIELD GREATER THAN 40 BYTES
The field that contains the sequence number specifies a length greater than 40 bytes. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Shorten the length to 40 or less and rerun the job.

DU32 -S- ILLEGAL SYNTAX IN FIELD SELECT STATEMENT
The field select statement contains syntax that is not permissible. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the illegal syntax and rerun the job.

DU33 -S- ILLEGAL SYNTAX IN SEL/DEL STATEMENT
A syntax error occurred during the scan of the select or delete statement. The select or delete option is ignored. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the illegal syntax and rerun the job.

DU34 -S- EXCESSIVE LENGTH OR VALUE IN NUMERIC FIELD
The maximum length of a numeric parameter is five digits. The maximum field value is 32767. This message indicates a serious error condition: the UPSI byte is set to X'40'.

Correct the illegal parameter and rerun the job.

DU35 -S- ILLEGAL SYNTAX IN COR STATEMENT
A syntax error was encountered while scanning the COR statement. The correction option is ignored. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU36 -S- INCORRECT NUMBER OF CORRECTION RECORDS
The previous correction control card called for more data correction cards than were available. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Either reduce the number of new data records called for or enter sufficient records.

DU37 -F- KEYFIELD SPECIFIED FOR SEL/DEL WITHOUT KEYED FILE
The K=( ) parameter is specified in an SEL or DEL statement for an input file without hardware keys; that is, the file is not a keyed DAM file or a nonindexed file. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU38 -F- ASCII LENGTH SPECIFIED WITHOUT VARIABLE RECORDS
The records were not variable length. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Delete the ASCII length specification (YI parameter) and rerun the job.

DU39 -F- FS INPUT FIELD NOT CONTAINED IN RECORD
The field specified is not within the input record. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU40 -F- FS OUTPUT FIELD NOT CONTAINED IN RECORD
The field specified is not within the output record. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU41 -F- FS FIELD IN 1ST 4 BYTES OF RECORD

The first four bytes of a variable-length record are reserved and may not be specified as a destination area on a field select statement. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Delete or change the illegal select specification and rerun the job.

DU42 -F- CV SPECIFIED WITHOUT VARIABLE RECORDS

The record was not variable length. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU43 -F- PRINTER OPTION SPECIFIED WITH COMPARE

The printer cannot be specified as an output device. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU44 -F- MULT. PART. SPECIFIED WITHOUT DISK I/O

More than one partition was specified for nondisk output. The job step is terminated. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU45 -F- PART NO < 1 OR PART NO > 7

A partition number was specified that is beyond the allowable range. Partitions are numbered 1 through 7. The job step is terminated. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the specification and rerun the job.

DU46 -F- MORE THAN 7 PIPO ENTRIES SPECIFIED

Only seven PIPO entries are allowed. The job step is terminated. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the specification and rerun the job.

DU47 -F- FIELD SELECT TABLE FULL

The capacity of the field select table has been exceeded. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Reduce the number of field select statements and rerun the job.

DU48 -F- ILLEGAL SYNTAX IN CONTROL STATEMENT

An error was found in the syntax on one of the control cards. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the control card in error and rerun the job.

DU49 -F- REC LENG NOT IN FIRST 5 BYTES

The first five bytes of a data correction record did not contain a valid numeric record length. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU50 -F- I/O ERROR ON filename FILE - error-code

An I/O error occurred during an attempt to access the INPUT1, INPUT2, OUTPUT1, OUTPUT2, PRNTR, or WRKSTAT file, as specified in the filename field of the message. The error-code field includes the data management subcode and filenameC bytes. If the supervisor is generated for consolidated data management only, all 16 characters of the error-code field are required for error information; otherwise, the first 8 are used.

The Series 90 user should consult the data management programmer reference, UP-8068 (current version) to determine the problem. System 80 users should refer to the consolidated data management macro language user guide/programmer reference, UP-8826 (current version). Correct the problem and rerun the job.

DU51 -F- ERROR READING VOL1 LABEL FOR filename FILE

An error occurred during an attempt to read the diskette VOL1 label, format label, or data-set label for the INPUT1, INPUT2, or OUTPUT1 field specified in the filename field of the message. The job step is terminated.

Correct the error in the diskette file label and rerun the job.

DU52 -F- OPEN ERROR ON filename FILE - error-code

An I/O error occurred during an attempt to open the INPUT1, INPUT2, OUTPUT1, OUTPUT2, or PRNTR file specified in the filename field of the message. The filenameC, error code, and error subcode are included in the message in the error-code field. The job is terminated.

If the supervisor is generated for consolidated data management, all 16 characters of the error-code field are required for the error information; otherwise, only the first 8 are used.

To determine the problem, Series 90 users should consult the data management user guide, UP-8068 (current version); and System 80 users should consult the consolidated data management macro language user guide/programmer reference, UP-8826 (current version).

Correct the problem and rerun the job.

DU53 -F- INVALID CORRECTION DATA LENGTH

This message appears when the data length of the first five bytes in the correction record is greater than the maximum data length for an input file record. The job is terminated.

Correct the inconsistency and rerun the job.

DU54 -F- CLOSE ERROR ON filename FILE - error-code

An I/O error occurred during an attempt to close the INPUT1, INPUT2, OUTPUT1, OUTPUT2, or PRNTR file, as specified in the filename field of the message. The error-code includes the filenameC bytes, error code, and error subcode. The job is terminated. If the supervisor is generated for consolidated data management only, all 16 characters of the error-code field contain error information; otherwise, only the first 8 are used.

To determine the problem, Series 90 users should consult the data management user guide, UP-8068 (current version); System 80 users should consult the consolidated data management macro language user guide/programmer reference, UP-8826 (current version).

Correct the problem and rerun the job.

DU55 -F- VS SPECIFIED FOR A FILE ON A FIXED SECTOR DISK

This message appears when a variable sector size parameter (VS or VS = (xxxxx)) was specified for an OUTPUT1 disk file that resides on a fixed-sector disk volume. the job is terminated.

Correct the inconsistency and rerun the job.

DU56 -F- INSUFFICIENT MEMORY ASSIGNED TO JOB

Not enough space was assigned to the job in main storage. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Increase the minimum main storage specification on the JOB job control statement and rerun the job.

DU57 -F- ERROR READING DATA SET LABELS FOR filename

A data management error occurred during an attempt to read the INPUT1, INPUT2, or OUTPUT1 file on data set label diskette. This occurs when the file has not been properly allocated, an invalid record or block size is detected, or an I/O error occurred while the DATA routine was reading the labels.

Correct the problem and rerun the job.

DU58 -I- SPOOL IN FILE filename R*C?

When data utilities is operating in conversational mode, a spool file of card INPUT1/INPUT2 is required if the system is configured for spooling and card input is desired. The file name must be the name of the spool file and can be created by using the // DATA FILEID=filename card. This card must precede the data input deck. When this message is displayed, data utilities did not find a spool file (file name specified in the message) and is requesting that it be spooled in.

Spool in the data deck and reply R to retry or C to cancel the job.

DU59 -F- ERROR GETTING DEVICE FOR filename FILE

When data utilities is operating in conversational mode, there are no job control specifications. The devices required to process the specified files are assigned dynamically while data utilities is executed. This error will occur when the required device is unavailable (i.e., set down, offline, or being used by another job). This message will also appear when a requested file is not present on a particular device.

The job is terminated. Check the status of the device with the system operator and rerun the job when the device becomes available.

DU60 -F- ASCII SPECIFIED WITHOUT STANDARD LABELS

ASCII was specified for either input or output, but standard labels were not specified for that file. The job step is terminated. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU61 -F- ATTEMPTED ACCESS OF PASSWORD PROTECTED FILE filename

When data utilities is operating in conversational mode, there is a catalog check of any password-protected files. If the user specifies an invalid password to the protected file or if the user specifies no password to the protected file, an error will occur.

Find the appropriate password and rerun the job.

DU62 -F- NO PRINTER ASSIGNED, JOB STEP TERMINATED

No printer was allocated to the job, but the specified function requires a printer. This message indicates a fatal error condition; the UPSI byte is set to X'80'. The job step is terminated.

Correct the inconsistency and rerun the job.

DU63 -I- NO PRINTER ASSIGNED, LISTINGS ARE SUPPRESSED

No printer was assigned to the job and all listings are suppressed. This is an informational message; the UPSI byte is set to X'00'.

Correct the inconsistency and rerun the job.

DU64 -F- ERROR OCCURRED WHILE GETTING SYSTEM HEADINGS

An error occurred when a GETINF or a PUT was issued to the printer file while attempting to print the system headings. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

The job step is terminated.

DU65 -F- ERROR OCCURRED ON GETCS FILE

An error occurred while reading the control stream. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

The job step is terminated.

DU66 -F- ERROR OCCURRED ON PRINTER FILE

An I/O error occurred while trying to write a record to the printer file. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

The job step is terminated.

DU67 -S- SYNTAX ERROR ON // PARAM CARD

A syntax error was detected on the // PARAM card for this job step. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct this error condition and rerun the job.

DU68 -S- LENGTH OF NUMERIC FIELD EXCEEDS 7 BYTES

A numeric subparameter larger than seven digits was specified in the C=( ), W=( ), R=( ), or H=( ) parameter of the Uio statement or in the A=( ) or B=( ) parameter of the COR statement. This message indicates a serious error condition; the UPSI byte is set to X'40'.

The job step is terminated.

Shorten the illegal subparameter and rerun the job.

DU69 -S- NON-NUMERIC CHAR IN NUMERIC FIELD

A nonnumeric character was encountered in a numeric subparameter. This message indicates a serious error condition; the UPSI byte is set to X'40'.

The job step is terminated.

Correct the inconsistency and rerun the job.

DU70 -W- INCORRECT BLOCK LENGTH FOR ISAM OUTPUT

The block size specified in the B= parameter must be equal to:

no. of recs. in block * (rec length +5) +2

This is a warning message; the UPSI byte is set to X'20'.

DATA will calculate a block size using the above formula and the specified or default record size.

Correct the block length and rerun the job.

DU71 -S- PERCENT CYL OFL SPECIFIED > 80

The percentage of space to be reserved for cylinder overflow specified in the G=( ) parameter of the Uio statement is greater than 80. The OUTPUT1 ISAM file was created with 10 percent cylinder overflow. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU72 -F- ERROR ENCOUNTERED WHILE LOADING A PHASE

This is an internal error. If encountered, please submit a Software Users' Report (SUR) along with any pertinent printouts. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

DU73 -F- PRINTER FILE SPECIFIED WITH CORRECTION

A printer file was specified, but a correction was also specified. This is a fatal error condition since data utilities uses the printer to print any correction cards.

The UPSI byte is set to X'80' and the job is terminated.

DU74 **-F- INVALID DCON4 TAPE FILE**

Conversion mode was specified via // PARAM MODE=OS/4 but the tape INPUT1 file is not a valid output file from the OS/4 DCON4 routine. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

The job step is terminated.

Correct the inconsistency and rerun the job.

DU75 **-F- ERROR READING FORMAT LABELS FOR filename**

An error was encountered while examining the format labels for a disk input file. The LFD name for the file will be placed at the end of the message. This error is the result of a system error while reading the disk VTOC, a user error of assigning the LFD name of INPUT1 or INPUT2 to a nondata management type file, or specification of a zero value for record size, block size, or sector size in the VTOC. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Check the VTOC entry for the input file and rerun the job.

DU76 **-F- RECEIVING FIELD FOR PACK TOO SMALL**

The pack option of the FS statement was specified and the length of the output field is too small to hold the packed input field. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU77 **-F- MISSING PN= PARAMETER FOR PAR**

A PN= parameter must be specified for each partition of the nonindexed OUTPUT1 file unless copying nonindexed to nonindexed where both files have the same number of partitions and a PiPo entry was specified for each partition of the OUTPUT1 file. In this case either no PN= or all of the PN= parameters must be supplied. This message indicates a fatal error; the UPSI byte is set to X'80'.

Supply the missing parameter and rerun the job.

DU78 **-F- MISSING PIPO SPECIFICATION**

For a nonindexed to nonindexed file copy where no PN= parameters were specified, an insufficient number of PIPO specifications were made or more than one PN= parameter was specified for the same partition. This message indicates a fatal error; the UPSI byte is set to X'80'.

Supply the missing parameter and rerun the job.

DU79 **-F- PIPO EXCEEDS OUTPUT PARTITION COUNT**

For a nonindexed to nonindexed file copy with PN= parameters specified, a PIPO was specified where O was greater than the total number of PN= parameters specified. If one PN= parameter is specified, then a PN= parameter must be specified for each partition in the OUTPUT1 file. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU80 **-F- ILLEGAL DEFAULT OF PN= SUBPARAMETER**

For a nonindexed to nonindexed file copy, you attempted to default a subparameter for a PN= parameter that does not have a corresponding PIPO specification. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU81 -S- MORE THAN ONE CV SPECIFIED

More than one CV entry was specified in an FS statement. Field selection was not performed. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU82 -F- ILLEGAL PAR STATEMENT

A syntax error was encountered in a PAR statement. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct this error and rerun the job.

DU83 -F- INPUT1 AND filename FILES ARE SAME PHYSICAL FILE

The same volume and file name on the same device was specified for both input1 and input2/output1. The volume and file name for both files on the same device cannot be the same. Either the volume or the file name or both must be different if devices are the same.

Specify a different volume or file name for either INPUT1 or INPUT2/OUTPUT1.

DU84 -F- VARIABLE RECORDS WITH CARD FILE

Variable records (FV) was specified, but either the INPUT1 file or the OUTPUT1/INPUT2 file, or both files, are specified as a card file. Data utilities does not support variable length card files. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU85 -W- INPUT MIN RECORD LENG IS INCORRECT

Copy variable (CV) was specified in an FS statement. The minimum record length specified in the first entry of the A=( ) parameter is less than the minimum calculated by data utilities. The job is executed using the calculated value. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU86 -W- OUTPUT MIN RECORD LENG IS INCORRECT

Copy variable (CV) was specified in an FS statement. The minimum record length specified in the first entry of the B=( ) parameter is less than the minimum calculated by data utilities. The job is executed using the calculated value. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU87 -F- CORRECTION CARD SEQUENCE ERROR

The record number specified in the A=( ) parameter of the last COR statement is in error. Either the corrections are out of sequence or the entry in the B=( ) parameter is less than the number in the A=( ) parameter. This error will also occur if the number in the A=( ) parameter is less than the current record number. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU88 -S- FS IN INPUT VARIABLE RECORD HEADER

The input field position in one of the entries in an FS statement defines a field which contains the first two bytes of the record. Variable records FV is also specified in the Uio statement. Data management requires the first two bytes of all variable length records for its use; the first two bytes are therefore reserved and no field selection is permitted in them. Field selection is not performed. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU89 -S- FS IN OUTPUT VARIABLE RECORD HEADER

The output field position in one of the entries in an FS statement defines a field which contains the first two bytes of the record. Variable records FV is also specified in the Uio statement. Data management requires the first two bytes of all variable length records for its use; the first two bytes are therefore reserved and no field selection is permitted in them. Field selection is not performed. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the inconsistency and rerun the job.

DU90 -W- FS FIELD OVERWRITES RECORD KEY

One of the entries in an FS statement specified field selection within the record key. The destination field specified in this entry was also specified as a destination field in one of the other FS statement entries. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU91 -F- MISSING MIRAM KEY PARAMETER

One or more of the MIRAM output key parameters, MK1=( ) through MKn=( ) (where n is the desired number of keys), has been omitted from the Uio statement. If any key greater than MKR=(1) is specified, all keys (1 through n) must be specified. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU92 -F- ILLEGAL MIRAM KEY OF REFERENCE

For keyed MIRAM file processing, the key of reference in the MKR=( ) parameter is greater than the number of keys in the file. This error will also occur if a key of reference is specified for a nonkeyed MIRAM file. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU93 -F- MIRAM SLOT SIZE NOT SPECIFIED

MIRAM slot size for variable length records (record size plus four byte overhead) was not specified. This must be specified in the FV=( ) parameter of the Uio statement. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Supply the missing parameter and rerun the job.

DU94 -W- MIXED MIRAM OUTPUT WITHOUT MIRAM INPUT

Data utilities cannot create a mixed MIRAM file unless the INPUT1 file is a mixed MIRAM file. All of the records on the MIRAM OUTPUT1 file are keyed.

No action is required.

DU95 -F- FIELD SELECTION IN MIRAM KEY

Field selection within a disk key is specified by the (K,r) parameter in an FS statement but the file for which this was specified is a MIRAM file. This is not supported for MIRAM files. To accomplish this for a MIRAM file, specify the starting position of the field (relative to the beginning of the record) in the FS statement. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Correct the inconsistency and rerun the job.

DU96 -F- ERROR READING FCB FOR filename

The supervisor returned an error to data utilities following a request for the FCB for the LFD name shown in the message. This is most likely due to the absence of a file assignment for this device. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Check your device assignments and rerun the job. If the error persists, place a // PARAM MODE=DBG statement immediately after the // EXEC statement in the job control stream and rerun the job. Save the output and submit it with a software user's report (SUR).

DU97 -F- ERROR READING DD BLOCK FOR filename

An error occurred while attempting to read a DD block from the **YRUN** file for this job. The LFD name for the file is shown in the message. The DD block is created by job control whenever a // DD statement is inserted in a file definition sequence in the job control stream. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Rerun the job. If the error persists, place a // PARAM MODE=DBG statement immediately after the // EXEC statement in the job control stream and rerun the job. Save the output and submit it with a software user's report (SUR).

DU98 -F- ERROR WRITING DD BLOCK FOR filename

An error occurred while attempting to write a DD block to the **YRUN** file for this job. The LFD name for the file is shown in the message. The DD block is created by job control whenever a // DD statement is inserted in a file definition sequence in the job control stream. This message indicates a fatal error condition; the UPSI byte is set to X'80'.

Rerun the job. If the error persists, place a // PARAM MODE=DBG statement immediately after the // EXEC statement in the job control stream and rerun the job. Save the output and submit it with a software user's report (SUR).

DU99 -I- RECORDS IN1 record-count {IN2 / OUT} record-count UPSI=xx

This message appears at the termination of the data utilities. It includes the INPUT1 record count and the LFD name of the secondary file (IN2 for INPUT2, OUT for OUTPUT1). If a file compare was performed, the secondary file is INPUT2; if a file copy was performed, the secondary file is OUTPUT1. The record count for the secondary file is followed by the UPSI byte setting.

No action is required.

DU100 -W- MAX OF 5 MULTI SELECT (DELETE) COMMANDS EXCEEDED

The user specified more than five multiple select or delete commands for this execution. These commands are either SELAND, SELOR, DELAND, or DELOR. The first five are used for the execution and the rest are skipped.

Change program to allow only five multiple select/delete commands.

DU101 -W- MAX OF 1 SEL (DEL) COMMAND EXCEEDED

The user specified more than one select (SEL) or delete (DEL) command during this execution. Only one SEL or DEL command is allowed. The final command is used and the rest are ignored.

Change program to allow only one select/delete command.

DU102 -F- ILLEGAL MIX OF SELECT (DELETE) COMMANDS

The user specified one of the following illegal combinations of commands:

1. SELAND/SEL with either SELOR or a delete key.
2. SELOR with either SELAND/SEL or a delete key.
3. DELOR with either DELAND/DEL or a select key.
4. DELAND/DEL with either DELOR or a select key.

DELAND and DEL are allowed to be specified in the same run stream, as are SELAND and SEL, but for SEL and DEL combined with SELAND and DELAND, there can only be a maximum of five arguments.

Correct the problem and rerun the job.

DU103 -F- ERROR TRYING TO READ SYSTEM CATALOGUE TYPE=nn

An error occurred when returning from the file catalog manager during an attempt to process a cataloged file in conversational mode. TYPE=01 specifies a file catalog manager I/O error. TYPE=02 specifies an unknown error from the file catalog manager.

Rerun job. If error persists, verify the entries in the system catalog file.

DU104 -S- ERROR FREEING WORKSTATION

After the conversational phase of the DATA routine has finished, the workstation is freed to allow the user to run other jobs. The job could not free the workstation.

Issue the FREE command in system mode to free the workstation.

DU105 -F- nnnnn K MEMORY REQUIRED TO RUN JOB

This is the amount of main storage (in hexadecimal) required to run the job. When the job terminates due to insufficient main storage, the amount needed to run the job is calculated.

Change main storage size on JOB card to the main storage size specified, and rerun the job.

DU106 -W- ILLEGAL SPECIFICATIONS FOR DTE PARAMETER

The DTE parameter has been incorrectly specified. The job will run with the date printed using the default of year, month, day (YMD).

Correct the DTE parameter specifications and rerun the job.

DU107 -W- OUTPUT FILE SPECIFIED WITH COMPARE

DTF processing was specified for an output file when the COMPARE option was also specified (K2 parameter). When comparing, only the input files can be processed using a DTF interface. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU108 -W- INPUT2 FILE SPECIFIED WITH COPY

DTF processing was specified for the INPUT2 file when the COPY option was also specified (K1 parameter or default value). When copying, only the INPUT1 and OUTPUT1 file can be processed using a DTF interface. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU109 -W- DISKETTE NOT IN BASIC DATA EXCHANGE FORMAT

When processing with the // PARAM DTF option, only diskettes in basic data exchange format can be used. The DTF option is ignored and the diskette file will be processed with a CDIB interface. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU110 -W- DTF SPECIFIED IN A CDI ONLY ENVIRONMENT

A DTF interface was specified for processing files in a CDI only system environment. Only a CDIB interface can be used for file processing in a CDI only environment. This is a warning message; the UPSI byte is set to X'20'.

Correct the inconsistency and rerun the job.

DU111 -F- CONVERSATIONAL DATA TERMINATED AT USER REQUEST

During the conversational phase of DATA, the user hit function key 15 to tell the job to discontinue. This ends the job execution.

No action required.

DUF01 -W- PARAM ERROR. UDD/UTD STATEMENT MISSING

The required control statement is missing that specifies disk-to-disk (UDD) or tape-to-disk (UTD) type of operation. One or the other must be specified.

Include the missing control statement in the job stream and rerun the job.

DUF02 -S- PARAM ERROR. PARENTHESES NOT PAIRED
In a parameter statement, the required parentheses are not evenly paired. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the parameter specifications and rerun the job.

DUF03 -W- PARAM ERROR. MK-STATEMENT MISSING
The required MKn=(len,loc[,DUP][,CHG]) statement is missing. MK1 must always be specified along with MK2 through MK5 statements when necessary.

Include the missing MKn control statement(s) and rerun the job.

DUF04 -W- PARAM ERROR. ONLY DISK OR TAPE INPUT ALLOWED
The wrong type of device has been specified for INPUT1. Only disk or tape is permitted.

Put the input file on disk or tape, change the job control stream accordingly, and rerun the job.

DUF05 -S- PARAM ERROR. INVALID KEYWORD
An invalid keyword has been detected in a control statement. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the control statement in error and rerun the job.

DUF06 -S- RUN CONTROL PARAMETERS MUST NOT CROSS COL. 72
The control specifications must not extend to card column 72. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the control statement in error and rerun the job.

DUF07 -W- FIRST PARAM WRONG. ONLY UDD OR UTD ALLOWED
The first control statement must be either UDD or UTD. This statement declares the type of operation to be performed.

Correct the control statements and rerun the job.

DUF08 -W- PARAM ERROR. OM STATEMENT MISSING
The OM=(l,n) control statement is missing; it must be specified.

Include the OM statement in the control parameters and rerun the job.

DUF09 -S- WRONG DISK TYPE, 8417, 8418, 8419, 8433 ALLOWED
The job control stream for INPUT/OUTPUT1 has specified a disk type which is not supported by this product. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Change the input/output file to reside on a disk type that is supported (8417, 8418, 8419, or 8433). Rerun the job.

DUF10 -W- PARAM ERROR. A-STATEMENT FORMAT WRONG
The format of the A=(r,b) statement is wrong.

Correct the A control statement and rerun the job.

DUF11 -W- PARAM ERROR. A-STATEMENT MISSING
The A=(r,b) statement of the control parameters is missing.

Include the A control statement and rerun the job.

DUF12 -W- PARAM ERROR. B-STATEMENT FORMAT WRONG
The format of the B=(r,b) statement is wrong.

Correct the B control statement and rerun the job.

DUF13 -S- TAPE INPUT MUST HAVE A-PARAMETER RECSIZE
The A=(r,b) statement must contain a record size for the tape input file. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the A control statement and rerun the job.

DUF14 -S- TAPE INPUT MUST HAVE A-PARAMETER BLOCKSIZE
The A=(r,b) statement must contain a block size for the tape input file. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the A control statement and rerun the job.

DUF15 -S- TAPE INPUT BLOCKSIZE NOT MULTIPLE OF RECSIZE
The tape INPUT1 blocksize on the A=(r,b) statement is not a multiple of the record size. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the A control statement and rerun the job.

DUF16 -S- TAPE INPUT BKSZ MUST NOT EXCEED 32767 BYTES
The INPUT1 tape block size parameter on the A=(r,b) statement must not exceed 32767 bytes. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Reconstruct the tape input file so that the block size is less than 32767 bytes, change the A control statement to the new block size, and rerun the job.

DUF17 -W- PARAM ERROR. OM-STATEMENT FORMAT WRONG
The format of the OM=(l,n[,V][,R]) statement is wrong.

Correct the OM statement and rerun the job.

DUF18 -W- PARAM ERROR. INVALID MK STATEMENT
A MKn=(len,loc[,DUP][,CHG]) statement is in error because one or more specifications have been found invalid.

Correct the MK statement and rerun the job.

DUF19 -W- PARAM ERROR. KEY SIZE GT 80 OR LT 1
A MKn=(len,loc[,DUP][,CHG]) statement contains a key size greater than 80 or a key size less than 1. Only a key size between 1 and 80 is allowed.

Correct the key specification in the MK statement and rerun the job.

DUF20 -W- PARAM ERROR. INVALID CHARACTER IN MK STATEMENT
An invalid character has been found in the MKn=(len,loc[,DUP][,CHG]) statement.

Correct the MK statement and rerun the job.

DUF21 -W- WARNING: OUTPUT RCSZ NOT SPECIFIED. INPUT RCSZ USED
The RCSZ parameter for OUTPUT1 has not been specified so the RCSZ for INPUT1 is used in its place.

No action is required.

DUF22 -S- INPUT RECSIZE DOES NOT EQUAL OUTPUT RECSIZE
The input record size specified on the A=(r,b) statement does not equal the output record size specified on the B=(r,b) statement. The two size specifications must match. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Change the output record size in the B statement to match the input record size in the A statement and rerun the job.

DUF23 -S- ERROR READING FORMAT1 RECORD OF INPUT1 DISK
An error has occurred while reading the format 1 label of the input disk file. The error was not recoverable. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the problem and rerun the job.

DUF24 -S- ATTEMPTED TO READ A NEW FILE
An attempt has been made to read the input file and the file contains no records. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the error and rerun the job.

DUF25 -S- INPUT FILE IS NOT A MIRAM FILE
The input file must be a MIRAM file but isn't. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Put your input data in a MIRAM file and rerun the job.

DUF26 -S- ERROR READING FORMAT2 RECORD OF INPUT1 DISK
An error has occurred while reading the format 2 label of the input disk file. The error was not recoverable. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the problem and rerun the job.

DUF27 -S- IRAM CHARACTERISTIC OUTPUT IS NOT ALLOWED
OUTPUT1's file characteristics must be MIRAM and not IRAM. The file must contain one or more of the following specifications: multiple keys; duplicate keys or key changes allowed; RCB present; or variable file format. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the control statements and rerun the job.

DUF28 -W- ERROR WRITING INDEX ENTRIES. FILE NOT USABLE
An error has occurred in writing the index entries of the MIRAM output file. The file is compromised and should be considered unusable.

Correct the problem and rerun the job.

DUF29 -W- ERROR READING INPUT1. FILE NOT USABLE
An error has occurred while reading the input file. The error was not recoverable. The output file is incomplete and unusable.

Correct the problem and rerun the job.

DUF30 -W- ERROR WRITING OUTPUT1 DATA. FILE NOT USABLE
An error has occurred while writing the output file's data partition. The error was not recoverable. The output file is incomplete and unusable.

Correct the problem and rerun the job.

DUF31 -S- KEY n LOCATION NOT WITHIN RECORD
The location of the specified key lies outside the record according to the control parameters. Either the record length or the key location is invalid. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Determine whether the key location or record size parameter is wrong, correct it, and rerun the job.

DUF32 -S- KEY 1 MISSING. KEY 1 MUST BE PRESENT
The MK1=(len,loc[,DUP][,CHG]) statement is required, but is missing. KEY 1 specifications must always be present. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Include the MK1 control statement and rerun the job.

DUF33 -S- KEYS 1-5 MUST BE ASCENDING
The key specifications for OUTPUT1 range from 1 to 5 and must be presented in numerical order: MK1, MK2, etc. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Rearrange the MK statements in numerical order, make sure non-MK statements don't come between any two MK statements, and rerun the job.

DUF34 -W- MORE THAN 24 SECTORS OF INDEX NOT ALLOWED
You can specify no more than 24 sectors for the file index in the OM=(I,n[,V][,R]) statement.

Correct the OM statement to show an n value between 1 and 24, and rerun the job.

DUF35 -W- OUTPUT BFSZ NOT DIVISIBLE BY 256
The output block size specification as given in the B=(r,b) statement is not a multiple of 256 bytes. Message DUF36 will follow this message.

No action is required.

DUF36 -W- NEXT HIGHER 256-BYTE BOUNDARY WILL BE USED
This message, which follows message DUF35, indicates that the output block size value will be adjusted to the next higher multiple of 256 bytes.

No action is required.

DUF37 -S- YOU DID NOT ALLOW DUPLICATES FOR KEY n
Duplicate key values have occurred for the specified key n, and the parameters you specified do not allow duplicate key values. The output file is incomplete and unusable. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the MKn statement to allow duplicate key values, or rearrange your input file so as not to contain records with duplicate keys. Rerun the job.

DUF38 -W- PARAM ERROR. KEY CODED TWICE. CHECK MK CARDS
Two MKn statements for the same key have been coded.

Remove extra MKn statement and rerun the job.

DUF39 -S- PARAM ERROR. OUTPUT BLOCKSIZE INVALID
The B=(r,b) statement contains an invalid block size value. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the B statement block size specification and rerun the job.

DUF40 -S- PARAM ERROR. ONLY LO, LC OPTIONS ALLOWED
The LC statement contains an option other than O or C. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the LC statement and rerun the job.

DUF41 -W- PARAM ERROR. ONLY FF, FV ALLOWED
The FF or FV statement has been incorrectly specified.

Correct the FF or FV statement and rerun the job.

DUF42 -W- PARAM ERROR. FV PARAMETER INVALID
The FV=(n) statement is invalid because of an error in its format or in the n value given.

Correct the FV statement and rerun the job.

DUF43 -S- FIRST A-PARAM LT REQUIRED DUE TO KEY SPECS
The first parameter in the A=(r,b) statement gives a record size smaller than is required to hold all the keys specified by your MKn statement(s).This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the A statement and rerun the job.

DUF44 -S- VAR. INPUT RECORD SHORTER THAN MIN. REQUIRED
A variable-length input record has been read that is smaller than the required minimum record size based on all the control parameters. The output file is incomplete and unusable. This message indicates a serious error condition; the UPSI byte is set to X'40'.

Correct the control statements in error and rerun the job.

DUF45 -W- MIDATA TERMINATED WITH ERRORS. CHECK LISTING.
The data utilities fast loader program has terminated abnormally with errors. Check output listing for error descriptions. The MIRAM output file is incomplete and unusable.

Correct the errors shown in the listing and rerun the job.

DUF46 -I- START OF INDEX SORT
This message appears at the start of the index record sort indicating that the INPUT1 file has been read and that the sorting of the key record file into key sequence has begun. This is an informational message; the UPSI byte is set to X'00'.

No action is required.

DUF47 -I- END OF INDEX SORT

This message appears at the end of the index sort indicating that the key record file has been sorted into key sequence and that the loading of the index partition is about to begin. This is an informational message; the UPSI byte is set to X'00'.

No action is required.

DUF48 -I- KEY n INSERT STARTED

This message appears at the beginning of the loading of each respective key level into the index partition of OUTPUT1. Up to five messages could appear depending on the number of keys that were specified. This is an informational message; the UPSI byte is set to X'00'.

No action is required.

DUF49 -I- NUMBER OF RECORDS LOADED BY MILOD: nnn

This message appears at the conclusion of the MILOAD run indicating the number of records loaded by MILOAD onto OUTPUT1. This is an informational message; the UPSI byte is set to X'00'.

No action is required.

E

ED000 EDITOR VERSION 7.22 READY
EDT activated successfully.

Informational message only. No action required.

ED001 COMMAND KEYWORD MISSING
Parameters were keyed in without a command.

Key in command with parameters and retransmit.

ED002 COMMAND TERMINATED
A subeditor, either COBEDT or RPGEDT, requested that EDT terminate the current command.

Retry the command.

ED003 EDITED FILES NOT SAVED - TERMINATE (Y,N)
@HALT was issued with file not saved.

To save the workspace file, enter N, then issue an @WRITE command and transmit. To terminate EDT without saving the workspace file, enter Y.

ED004 PRESS TRANSMIT TO CONTINUE
EDT received a command to print either an error message or lines from the workspace, but then received another command to display a screen mode or to enter a subeditor. EDT prints the required text first then displays this message to tell you to press the XMIT key to either see the screen mode screen or enter the subeditor.

Press the XMIT key to allow EDT processing to continue.

ED005 ILLEGAL COMBINATION OF COMMANDS
EDT commands that cannot be combined were entered on the same command line.

Key in each command on a separate line, and transmit each line.

ED006 INSERT ERROR (DUPLICATE OR INVALID CHANGE STRING)
Character string is invalid. Check for missing apostrophes or multiple character strings.

Correct and retransmit.

ED007 INTERNAL ERROR IN WORKSPACE
EDT encountered an error while trying to read its workspace. This error causes EDT to terminate the current command.

Retry the command. If the error persists, write the contents of the workspace to a permanent storage device and terminate your current EDT session. Then restart another session, read your file back into EDT's workspace, and try the command again.

ED008 INVALID @(LABEL) - - MISSING TERMINAL PAREN
Label contains an open parenthesis but no closing parenthesis.

Correct and retransmit.

ED009 INVALID @SET COMMAND

An invalid keyword was keyed in with the SET command. The only valid keywords are CHAR, TABS, LINE, EXCLUDE, ATSIGN, COLON, ENDCOL, BUFFER, WIDTH, CLEAR, STRIP, DISPLAY, SCRDSPLY, ROLL, MODE, RECENTRY, LANGUAGE and SCRFORM.

Enter correct keyword and retransmit.

ED010 INVALID ASSIGN STATEMENT

ASSIGN statement is invalid. It must be in the form: @ASSIGN Gn=expression, where n is an integer from 1 to 9, and expression must be one of following:

'STRING', N(X:Y), N[±M], '#GM(X:Y)', or LEN(N).

Correct ASSIGN statement and retransmit.

ED011 EFP BUFFER COULD NOT BE ACQUIRED

The editor was unable to activate the error file processor because of insufficient main storage buffer space.

Free up main storage so that EDT can acquire enough buffer space for the error file processor. Either cancel jobs or wait for jobs to terminate. Retry the EFP directive.

ED012 INVALID COLUMN RANGE

Column range specified in command is invalid. It must be in the form: n(i:j) where $1 \leq i \leq j \leq 2048$.

Reenter command with correct column range and transmit.

ED013 INVALID DO OPTION

The DO command is invalid. It should be in the format:

@DO n [{P / N / R}]

where n is an integer from 1 to 9, and P, N, and R indicate the print status for the procedure file. P specifies that each line of the procedure file is displayed during execution, N specifies that the lines are not displayed, and R specifies that the print status for the procedure file is reset to the state it was in when the current procedure file was entered.

Correct DO statement and retransmit.

ED014 INVALID EDT VARIABLE (#Gn)

The n is invalid; it must be a number from 0 to 9.

Correct and retransmit.

ED015 INVALID IF STATEMENT

IF statement is missing a conditional operator (=, <, >, etc).

Correct and retransmit.

ED016 INVALID LINE SET COMMAND

@ symbol alone was entered or LINE in the SET command was set to an invalid character. LINE must be set to a number.

Correct and retransmit.

ED017 INVALID OR ZERO LINE NUMBER
Line number specified or implied in command is invalid. Numbers from .0001 to 9999.9999 are valid line numbers.

Correct the command that caused the invalid line number to be generated.

ED018 INVALID NUMBER PARAMETER
Sequence string is invalid. The rightmost character must be numeric.

Correct sequence string and retransmit.

ED019 INVALID OR DUPLICATE CHANGE STRING
Character string is invalid. Check for missing apostrophes and multiple character strings.

Correct and retransmit.

ED020 ERROR ON CALL TO EFP

EDT encountered an error while trying to activate the error file processor and does not activate EFP.

Check to be sure EFP is in the system and retry the @EFP directive.

ED021 INVALID OR DUPLICATE COPY-TO LOCATION
Destination in copy command is invalid. Destination must be a workspace line number.

Correct and retransmit.

ED022 INVALID OR DUPLICATE LINE RANGE
Line range specified in command is invalid.

Correct and retransmit.

ED023 INVALID OR DUPLICATE SEARCH STRING
Character string is invalid. Check for missing apostrophes or multiple character strings.

Correct and retransmit.

ED024 INVALID PROC GROUP NUMBER
Proc number specified is invalid. Proc number must be a single digit integer from 1 to 9.

Correct and retransmit.

ED025 INVALID SUBSTRING EXPRESSION
Value assigned to variable was invalid; either no value was specified, a value greater than 50 characters was specified, or an invalid variable was assigned.

Correct and retransmit.

ED026 INVALID VARIABLE EXPRESSION
Variable expression (Gn) entered is invalid; either G was not specified or n was assigned a value other than a number from 1 to 9.

Correct and retransmit.

ED027 MORE THAN 7 CHARACTERS IN LABEL
Label is invalid; it contains more than seven characters.

Correct and retransmit.

ED028 NO PROC TO END
@END statement was issued while no procedure file was active.

Insert @PROC statement if the creation of a procedure file was intended.

ED029 INSUFFICIENT MEMORY IN SYSTEM
System has run out of main storage.

Wait for main storage to become available and retry.

ED030 OVERFLOW ON STRING SUBSTITUTIONS – TRUNCATED
String substituted for variable expression extends line beyond specified buffer size. The line is truncated at specified buffer size.

Increase buffer size.

ED031 INVALID @EFP COMMAND

EDT received an invalid @EFP command. This error can occur for either of the following reasons:

- The user entered the @EFP directive with parameters that pertain only to the @EFP command.
- The user incorrectly entered the @EFP command and its parameters.

Remember that "EFP" is both an @EFP directive and an @EFP command. As a directive, it activates EFP and has no parameters associated with it. As a command, it displays errors on your workstation screen. See the general editor user guide/programmer reference, UP-8828 (current version) for information on entering the @EFP directive or the @EFP command and enter a valid format.

ED032 INVALID EFP ENVIRONMENT

The user did not empty the EDT workspace before activating EFP. EDT's workspace must be empty to activate EFP. Also, the user must have the line number and increment set to 1.0000.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on emptying the EDT workspace and setting the current line number and current increment to 1 before activating EFP.

ED033 REFERENCE TO ACTIVE PROC
Procedure file specified in @DO or @PROC is the current procedure file.

Check proc number and reenter the command.

ED034 NO MATCH IN RANGE
EDT scanned the specified line range and did not find any lines with the specified characteristics. That is, it could find no lines in the specified range containing the specified string. EDT also displays this message whenever you enter an EDT command that requires data to be in the workspace and the workspace contains no data.

Be sure you have data in the workspace. Also check that the specified string exists in the specified line range. Then reissue the command that caused the error.

ED035 SEQUENCE PARAMETER ERROR
Sequence string is invalid. Check for missing apostrophes, multiple sequence strings, or a sequence string that contains more than 16 numeric characters.

Correct and retransmit.

ED036 SPECIFIED LINE NOT IN FILE
Line referenced in the replacement expression does not exist in workspace file.

Correct and retransmit.

ED037 STATEMENT LABEL NOT IN FILE
No statement was found to contain the label specified in the @GOTO command. Recheck label for errors.

Reenter command with correct label and transmit.

ED038 TOO MANY TAB STOPS
More than eight tab stops were specified.

Correct command and retransmit.

ED039 UNRECOGNIZABLE COMMAND
You entered an invalid EDT command.

See the general editor user guide/programmer reference, UP-8828 (current version) for a complete list of all the EDT commands.

ED040 INPUT LINE TOO LONG - TRUNCATED
Expanded line is longer than specified buffer size.

Expand buffer size.

ED041 INVALID "NOT" SPECIFICATION
NOT cannot be combined with specified command.

Correct command and transmit.

ED042 ERROR ON READ TO WORKSTATION
EDT encountered an error while trying to read an input line from the workstation. This error is usually caused by trying to input a line whose length is greater than the current buffer size.

Reset the buffer size (see the @SET directive) and reenter the input line.

ED043 KEY AND KKEY ONLY PERMITTED ON READ
KEY or KKEY, which can be used only with the @READ command, was used with another command.

Reenter command without key and retransmit.

ED044 FILE NAME PARAMETER ERROR
Invalid parameter was entered in @READ, @INPUT, @FSTATUS, or @WRITE command.

Correct parameter and retransmit.

ED045 ERROR ON PERMANENT FILE
Error detected in @READ or @WRITE command.

Retry command.

ED046 ERROR ON PRINTER FILE
Error detected in @LIST command.

Correct if necessary and retry command.

ED047 ERROR ON PUNCH FILE
Error detected in @PUNCH command.

Correct if necessary, and retry command.

ED048 UNRECOVERABLE EDT INTERNAL ERROR
Fatal error that terminates EDT.

Restart EDT.

ED049 INVALID OR DUPLICATE BY CLAUSE
Increment specified is invalid. Check for missing increment, multiple increments, or whether the increment was set to something other than a number.

Correct and retransmit.

ED050 INVALID SHOW SPECIFICATION
SHOW is missing a column range, contains an invalid column range, or is illegally used with KEY or KKEY.

Correct and retransmit.

ED051 INVALID KEY OR KKEY PARAMETERS
KEY or KKEY is missing a column range, contains an invalid column range, or is used illegally with SHOW.

Correct and retransmit.

ED052 EFP TERMINATED
EFP has encountered an unrecoverable error and has been terminated. EFP displays a message indicating the unrecoverable error. Your EDT session is still active.

Perform the corrective action given for the EFP error.

ED053 INVALID @RPG OR @FORMAT COMMAND
@RPG or @FORMAT command entered was invalid; either @FORMAT was entered without first keying in @RPG, or @FORMAT or @RPG was issued from a noninteractive environment.

Correct and retransmit.

ED054 ILLEGAL COMMAND IN BLOCK MODE
You entered an illegal command in block mode. The following commands are illegal in block mode: PARAMS, BLOCK, ROLL, HELP, PROMPT, RPG, FORMAT, COBOL, and EFP. EDT terminates its block mode processing.

Exit from block mode to enter any of these commands. Then enter the command and press the XMIT key.

ED055 INVALID DATA LINE
While operating in screen mode, the user entered something other than data in the data entry area of the screen mode screen. EDT accepted all data entered up to the field in error.

If the entry is data or source code, see the general editor user guide/programmer reference, UP-8828 (current version) for information on how to enter data or source code in screen mode. If the entry is an EDT command, enter it on the EDT command entry line only. If the entry is anything other than an EDT command, data, or source code, you cannot enter it on a screen mode screen.

ED056 EQUAL SIGN EXPECTED
Keyword in @SET command is missing an equal sign.

Correct and retransmit.

ED057 INVALID TAB COLUMN VALUES
TABS specified are invalid. Check for missing commas, nonnumeric tab values, and tab values that exceed the specified buffer size.

Correct tabs and retransmit.

ED058 DISPLAY @SET VALUES
This message informs you that EDT is displaying the current values for the @SET command parameters.

This message is informational only but, if you want to update the parameters, you can enter an @PARAMS command or hit the FK3 function key.

ED059 PROC NOT DEFINED
You entered an @DO command that references an undefined EDT procedure file.

Issue an @PROC command to define the procedure file, then reenter the @DO command.

ED060 STRING EXPRESSION TOO LONG, TRUNCATED
String value is greater than 50 characters.

Limit string size to 50 characters and retransmit.

ED061 INVALID KEY ON INPUT RECORD
Key option specified in the READ command is invalid.

Check keys in file for valid keys, reenter command, and transmit.

ED062 @STRIKE ILLEGAL DURING COPY-UPDATE
An @STRIKE command was illegally entered during a copy-update operation.

Correct and retransmit.

ED063 COMMAND KEYWORD TOO LONG
Command entered is invalid; it is greater than eight characters.

Correct and retransmit.

ED064 INVALID COMMAND LINE
While operating in screen mode, the user entered something other than an EDT command in the EDT command line of the screen mode screen.

If the entry is data or source code, see the general editor user guide/programmer reference, UP-8828 (current version) for information on how to enter data or source code in screen mode. If the entry is anything other than an EDT command, data, or source code, you cannot enter it on a screen mode screen.

ED065 ATTEMPT TO RELEASE BUFFER FAILED
Buffer freed during an @DROP command is rejected by the system.

Retry. If problem persists, continue EDT session without freeing space.

ED066 OUTPUT UPDATE TO WORKSPACE ERROR
Error in workspace file.

Retry. If problem persisits, issue @DROP command to free up the workspace and restart the EDT session.

ED067 OUTPUT TO WORKSPACE ERROR
Error in workspace file.

Retry. If problem persists, issue @DROP to free up the workspace and restart the EDT session.

ED068 READ BEFORE WRITE ERROR ON WORKSPACE
Error in workspace file.

Retry. If problem persists, issue @DROP to free up the workspace and restart the EDT session.

ED069 INVALID BUFFER SET SPECIFIED
Buffer specified in @SET command is invalid. Buffer must be set to OFF, or be in the range of 128 to 2048.

Enter command with correct buffer and retransmit.

ED070 QUERY ERROR TO WS
Error has occurred in the interface between EDT and the workstation. The command active when the function key was pressed is terminated.

Press RESUME if you want to continue, and reenter the command.

ED071 COMMAND INTERRUPTED
Command active when function key 2 was pressed is terminated.

Press RESUME if you want to continue, and reenter the operation.

ED072 OPEN ERROR ON WORKSPACE, FATAL
EDT cannot open the workspace file; this is a fatal error.

Try to initiate EDT again. If problem persists, contact site administrator.

ED073 EOF ON WORKSTATION
EDT received an EOF (end-of-file indicator) from the workstation because you pressed the F15 function key. EDT is still active but it terminates whatever function you were performing and displays the next available line number.

On the available line, reenter the function you were trying to perform.

ED074 SCREEN FORMAT SELECT ERROR
While operating in screen mode, EDT encountered an error while attempting to display a formatted screen at the workstation.

Report the error to your Sperry representative. If you were attempting to enter data, use EDT line mode to enter one line of data at a time. If you were attempting to enter source code, use a free-form screen mode screen to enter your code or enter line mode to enter one line of code at a time. If using COBOL or RPG II, you can also call up their respective editors to enter COBOL or RPG II source code.

ED075 ILLEGAL SET BUFFER, WORKSPACE STILL EXISTS
Buffer size was previously set.

To change buffer size, write contents of workspace file to a permanent file, issue an @DROP, and reenter the @SET command.

ED076 INVALID @SET WIDTH
WIDTH specified in the @SET command is invalid. WIDTH must be in the range of 50 to 2048.

Reenter @SET command with correct WIDTH and transmit.

ED077 INVALID CHECK OPTION
An option other than ON or OFF was specified in the @CHECK command.

Correct @CHECK command and retransmit.

ED078 SEARCH STRING MISSING
No search string was specified in the @FIND or @REMOVE command.

Reenter command with search string and retransmit.

ED079 NOT IN PROC 0, @EFP ILLEGAL
The user attempted an @EFP for something other than the main proc file. EFP must be entered from the main proc file.

Return to the main proc file and retry @EFP.

ED080 SYSTEM ERROR error-code OCCURRED WHILE IN EDT
See specified error code for explanation and corrective action.

ED081 GOTO IN PROC 0 IGNORED.
@GOTO cannot be used in the main work file (proc 0). It can be used only in procs 1 through 9.

This is an informational message. No action is required.

ED082 COMMAND ILLEGAL IN CURRENT ENVIRONMENT
This error indicates one of the following:

- You attempted a screen command (BLOCK, HELP, PARAMS, PROMPT, or ROLL) while in block mode. These commands, and their function keys, are invalid in block mode.
- EDT encountered an @BLOCK command in an active proc file.
- You attempted a screen command while not in an interactive mode or from a device with other than a 24x80 screen.

Depending on the cause of your error, do one of the following:

- Exit from block mode to enter screen commands.
- Remove the @BLOCK command from the procedure file containing it before trying to execute that procedure file.
- Use nonscreen commands or move to an interactive environment with a 24x80 screen.

ED083 WARNING, ONLY FIRST DESTINATION PROCESSED
Lines were moved to only the first destination specified in the @MOVE command. Multiple destinations are not permitted.

Issue a @COPY command followed by a @DELETE command to move lines to multiple destinations, thereby deleting the original lines.

ED084 NO HELP AVAILABLE FOR THIS ERROR
Help has been requested for a non-EDT error message or a message that EDT does not recognize.

Use the system help facility for non-EDT errors. Or check the EDT error message code to be sure you're requesting help for a valid EDT message. Retry your request for help for a valid EDT error message.

ED085 INVALID @SET STRIP= OPTION
ON or OFF was not specified for the @SET STRIP command.

Reissue the command with the valid option.

ED086 INVALID FUNCTION KEY DETECTED
An invalid function key was detected by EDT. Function keys 7-12, 16, 17, 20-22 are invalid when using EDT. The current EDT command is terminated.

Enter another EDT command.

ED087 FUNCTION KEY 1 OR 18 DETECTED, PRINT TERMINATED
Function key 1 or 18 was encountered causing EDT to halt printing for the current command. The command continues to process although no printing is done.

Informational message only. No action is required.

ED088 UPDATE COMMAND ILLEGAL IN SCREEN MODE
While operating in screen mode, the user entered the @UPDATE command.

Switch to line mode and enter the @UPDATE command; or, if you remain in screen mode, enter the @ROLL command instead of the @UPDATE command.

ED089 INVALID @SET MODE=OPTION
The user specified a value other than MODE=LINE or MODE=SCREEN on the @SET directive.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on specifying the MODE parameter on the @SET directive.

ED090 INVALID @SET LANGUAGE=OPTION
When defining the screen mode screens, the user specified an invalid value for the LANGUAGE parameter on the @SET directive. The valid options are FREEFORM, FORTRAN, COBOL, and RPG.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on specifying the LANGUAGE parameter on the @SET directive.

ED091 INVALID @SET RECENTRY=OPTION
The user specified an invalid value for the RECENTRY parameter on the @SET directive. The valid options are SINGLE and MULT.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on specifying the RECENTRY parameter on the @SET directive.

ED092 INVALID @SET SCRDSPLY=OPTION
The user specified an invalid value for the SCRDSPLY parameter on the @SET directive. The only valid options are TRUNCATE and FOLD.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on specifying the SCRDSPLY parameter on the @SET directive.

ED093 INVALID @SET ROLL
The user specified an invalid value for the ROLL parameter on the @SET directive. The only valid options are integers from 1 to 15.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on specifying the ROLL parameter on the @SET directive.

ED094 SCREEN MODE ILLEGAL IN CURRENT STATE
The user tried to begin a screen mode session while not in an interactive environment. In other words, the console/workstation was not in workstation mode or the workstation does not use 80 characters across and 24 lines down.

Begin the screen mode session at the console/workstation in workstation mode, or from a regular workstation that uses 80 characters across and 24 lines down.

ED095 UNRECOGNIZABLE PROMPT COMMAND
You entered the PROMPT command with an unrecognizable name for the EDT command you need help with.

Check the spelling and name of the command you're entering with the PROMPT command. Retry the PROMPT command with a recognizable EDT command name.

ED096 INVALID @COBOL COMMAND
The user entered an @COBOL directive to activate the COBOL editor; however, he was not operating in an interactive environment or EDT was already supporting the RPG II editor. This error can also occur when there is insufficient main storage available for the COBOL editor.

Enter the @COBOL directive only from the console/workstation in workstation mode or from a regular workstation that uses 80 characters across and 24 lines down. If EDT is currently supporting another subeditor, terminate the other subeditor before retrying the COBOL editor.

ED097 EDT TERMINATED
A fatal error occurred within EDT or the system, causing EDT to terminate abnormally. All contents of the workspace are lost.

Retry EDT.

ED098 EDT NORMAL TERMINATION
Informational message.

ED099 INVALID @SET SCRFORM=OPTION
The user specified an invalid value for the SCRFORM parameter on the @SET directive. The valid options are UNDERLINE and BLANK.

See the general editor user guide/programmer reference, UP-8828 (current version) for information on specifying the SCRFORM parameter on the @SET directive.

EFP101 INVALID SYNTAX
While using the error file processor (EFP), the user specified an invalid EFP command or option.

Review the correct syntax for EFP commands and options outlined in the general editor user guide/programmer reference, UP-8828 (current version). Retry the command.

EFP102 INVALID RESPONSE
While using the error file processor, the user responded incorrectly to EFP request messages. EFP waits for a correct response before continuing.

Review the correct response for EFP request messages outlined in the general editor user guide/programmer reference, UP-8828 (current version). Key in the correct response.

EFP103 MODULE-NAME NOT FOUND
The error file processor cannot find the module specified with the module-name option on the @EFP command.

The module-name option applies only for FORTRAN programs containing multiple modules. Review the correct syntax for specifying the module-name option on the @EFP command outlined in the general editor user guide/programmer reference, UP-8828 (current version). Also check that you are specifying the correct module name from the multiple modules in your FORTRAN program. The @EFP SUMMARY command gives a listing of the module names in the error file. Retry the @EFP command with the correct module name.

EFP104 ERROR-FILE NOT FOUND, RETRY (Y,N)?
The error file processor (EFP) cannot find the error file specified by the user in response to EFP's request.

Check that the error file name is correct. Key in Y if you want EFP to redisplay its request for the error file identification, then key in the correct information. Key in N if you want EFP to redisplay its request for the error file identification. Reactivate EFP or terminate your EDT session.

EFP105 REQUESTED SOURCE-FILE NOT IN ERROR-FILE
The error file processor cannot find the source file name specified on the @EFP SOURCE command in the error file.

Check that you specified the correct source file name. If the name is incorrect, reenter the command with the correct name. If the name is correct, recompile your source code and retry EFP.

EFP106 UNRECOVERABLE FUNCTION, ERRCODE=error-code
An unrecoverable hardware error has occurred.

Contact your Sperry representative.

EFP107 ERROR FILE FORMAT ERROR

The language compiler constructed the error file incorrectly.

Submit a SUR against your language compiler.

EFP108 ERROR NOT INCLUDED BY COMPILER. ERRORTAG _ _ _ _ IS NOT IN FILE

The language compiler constructed the error file incorrectly.

Submit a SUR against your language compiler.

EFP109 @EFP SOURCE= SOURCE-ID COMMAND REQUIRED TO PROCEED

The error file processor could not properly execute the last @EFP SOURCE command entered for one of the following reasons:

- The source file named on the command is not in the error file. Message EFP105 also appears.
- The system has experienced an unrecoverable hardware error. Message EFP106 also appears.
- EDT's workspace was not empty when the user entered the command.

If message EFP105 accompanies EFP109, retry the @EFP SOURCE command with the proper source-id. This can be found by issuing the @EFP SUMMARY command. If EFP106 accompanies EFP109, delete the EDT workspace as described in the general editor user guide/programmer reference, UP-8828 (current version). Then retry the @EFP SOURCE command.

EFP110 SOURCE-FILE NOT SYNCHRONIZED WITH ERROR-FILE

EFP is not able to process because the source is a card deck or the update cards were used in compilation. A summary of errors is printed and EFP is terminated.

EFP111 SOURCE-FILE NOT FOUND

EDT was unable to read the source file. If this occurs during initialization, EFP is terminated. If this occurs after an @EFP SOURCE command, all future commands except @EFP SOURCE, @EFP SUM, or @EFP END will result in error message EFP109.

EL00 NO LOG FILE

The system error log file (YELOG) could not be found. Error logging was therefore turned off.

EL01 UNRECOVERABLE I/O ERROR READING VTOC

An unrecoverable I/O error was detected while searching the SYSRES VTOC YELOG during system initialization.

Try reinitializing the system with the SYSRES volume on another disk drive. If the error persists, contact your Sperry customer engineer.

EL02 UNRECOVERABLE I/O ERROR READING HISTORY RECORD

An unrecoverable I/O error was detected while trying to read a history record within YELOG. In addition, the error encountered may have caused the error log to be destroyed. Error logging is turned off.

Try to rerun error log retrieval.

EL03 UNRECOVERABLE I/O ERROR WRITING THE HISTORY RECORD
An unrecoverable I/O error was detected while writing a history record to YELOG. The impact is the same as specified for EL02.

EL04 UNRECOVERABLE I/O ERROR WRITING A LOG RECORD
An unrecoverable I/O error was detected while writing a log record to YELOG. Error logging is suspended.

Try to run error log retrieval.

EL05 LOG FILE IS FULL, W(RAP) OR O(FF)?
The error log file (YELOG) is full and error logging is temporarily suspended until operator enters command to turn off error logging or allow the file to wraparound.

Key in either:

W (wrap)	To allow error logging to continue and the error log file to be wrapped
O (off)	To turn off error logging and not wrap the file

EL06 LOG FILE IS NEARLY FULL
Indicates that the error log file (YELOG) has room for only 64 more entries.

Initiate the error log retrieval program (ONUERL).

EL07 HISTORY RECORD N/G. LOG FILE INITIALIZED - NOT RECOVERED
Indicates that the option to recover the error log file was exercised and the prior history record has incorrect delimiters (extents) on the file. The file will not be recovered; but will be initialized.

EL08 CPU RETRY ERROR LOGGING DISABLED
The frequency of CPU retry interruptions for logging has exceeded specifications and the interruptions have been disabled.

Notify system administrator.

EL09 MAIN STORAGE ERROR LOGGING DISABLED
The frequency of main storage error interruptions for logging has exceeded specifications and the interruptions have been disabled.

Notify system administrator.

F

F$00 EXIT i i i i i i i i
Normal termination.

The CALL EXIT procedure is executed.

F$01 STOP nnnnn i i i i i i i i
Normal termination.

The STOP procedure is executed.

F$02 PAUSE nnnnn i i i i i i i i
PAUSE procedure is executed.

Respond GO to continue or EOJ to terminate.

F$03 DSQRT ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$04 DLOG ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$05 DEXP ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$06 ALOG ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$07 EXP ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$08 SQRT ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$09 TAN ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$10 DTAN ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$11 COTAN ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$12 DCOTAN ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$13 ASIN/ACOS ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$14 DASIN/DACOS ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$15 EXP10 ARGUMENT ERROR
Invalid argument to function. The default value is assumed.

Execution continues.

F$16 REPEAT COUNT ERROR
Invalid FORMAT specified.

Program is terminated.

F$17 FORMAT CHAR ERROR
Invalid FORMAT specified.

Program is terminated.

F$18 FORMAT PAREN ERROR
Invalid FORMAT specified.

Program is terminated.

F$19 END OF FILE ERROR UNIT uuuu TYPE tt CODE code
Insufficient data on input file. No END=label specified in READ statement.

Program is terminated.

F$20 ILLEGAL I/O REQUEST UNIT uuuu TYPE tt CODE code
An illegal I/O request for this type of device has been issued, e.g., READ from a printer.

Program is terminated.

F$21 UNRECOVERABLE I/O ERROR UNIT uuuu TYPE tt CODE code
A hardware or logical error has occurred on the device, e.g., a READ after a WRITE has been attempted.

Program is terminated.

F$22 UNDEFINED UNIT - UNIT uuuu
An I/O request was issued to a unit number not defined in the I/O configuration module.

Program is terminated.

F$23 INPUT CHARACTER ERROR UNIT uuuu TYPE tt CODE code
An illegal character has been discovered in a record, e.g., a nonnumeric character in an integer field. The record and actual character in error are output.

Program is terminated.

F$24 FILE AT BEGINNING OF FILE, BACKSPACE IGNORED UNIT uuuu
Unnecessary BACKSPACE.

Execution continues.

F$26 DEFINE FILE LENGTH - UNIT uuuu
The size on the DEFINE FILE statement does not fit into the record size specified in the UNIT definition.

Program is terminated.

F$27 POWER IS INFINITE
Exponent is greater than maximum representable value.

Maximum is substituted. Program continues.

$28 INTERRUPT AT aaaaaaaa, ERROR code
A program/hardware interrupt has occurred.

Program is terminated.

$29 RECURSION ENCOUNTERED IN TRACEBACK ssssssss
Recursion has been discovered during the attempt to output the traceback messages. Further traceback is not possible.

Program is terminated.

$30 Various traceback messages:

pppppp CALLED AT aaaaaaaa SAVE AREA IS ssssssss

NO TRACE POSSIBLE

MAIN PROGRAM LEVEL REACHED

Description of the currently active chain of subprograms when a diagnostic was issued.

$31 ERROR CODE code IN SUBROUTINE LOAD
The LOAD subroutine has encountered an error while attempting to load an overlay.

Program is terminated.

FD01 I/O ERROR READING FDD0 DISKETTE
An I/O error was encountered during a read of the diskette mounted in the FDD #0 system diskette drive. The FDD diskette may be defective.

FD02 I/O ERROR WRITING TO DMUX DISKETTE
An I/O error was encountered during a write to the DMUX diskette.

FD03 FDDCPY PROGRAM NOT SUPPORTED ON MODELS 3-8
The FDDCPY utility is supported only on the Models 10 and 20. See system installation guide (UP-8839) for IMPL backup procedures for Models 3-8.

FD04 READ FILE CONTROL BLOCK ERROR
An internal error occurred during a read of the file control block; contact your Sperry representative.

FD05 DISKIN DEVICE MUST BE A DISKETTE
The device type associated with the LFD of DISKIN is not a diskette. Change your job control so that a diskette is used, or use the supplied canned job stream, FDDCOPY.

FD06 OUTPUT DISKETTE NOT PREPPED IN REQUIRED MODE
The diskette must be double-sided, double-density with a record size of 256. Reprep the diskette or use the supplied canned job stream, FDDCOPY.

FD07 COPY COMPLETED
The copy has completed. This message is informational; no action required.

FD08 VOL1 NOT READABLE ON OUTPUT DISKETTE
The VOL1 label is read to determine the prep mode of the output diskette. An I/O error was encountered.

FF800 - FFnnn message-text

These messages are generated by the FORTRAN compiler for use by the FORTRAN programmer.

Identify the number of the message displayed to the programmer. The message descriptions and associated corrective actions are contained in the OS/3 FORTRAN IV programmer reference.

FL000 error-count NON-CLASSIFIED ERRORS OCCURRED DURING PROGRAM

Error count message. This error count includes all messages above FL600. Insert is a 1- to 10-digit decimal integer (right-justified and blank-filled), which is the error count's value. Count is provided for programmer check.

No operator action is needed.

FL0E1 PAUSE text

Nonfatal error message. A FORTRAN runtime program has encountered the given PAUSE (followed by text) during execution. Insert is a variable-length text, not exceeding 243 character positions, that is internally generated (via OPR facility).

Operator's reply is DUMP for immediate ABEND, STOP for normal termination, or CONT to continue the program. Programmer response is also possible (depending on the PAUSE message contents).

FL0E2 STOP text

Normal termination message. A FORTRAN runtime program has encountered the given STOP (followed text) during execution. Insert is a variable-length text (via OPR facility not exceeding 243 character positions) that is internally generated.

No action required by the operator. For the programmer, the significance is as indicated.

FL0F0 PROGRAM EXECUTION CONTINUES.
Nonfatal error message. Message is issued following a minor warning or when an ERRDEF error count has not been satisfied. Informational message only.

No response is required.

FL0F1 TRACEBACK FOLLOWS
Fatal error message. Initial message of a traceback sequence. Information message only.

No action required.

FL0F3 LINE number OF MODULE module-name CALLED procedure-name E=register-14, F=register-15, 0=register-0, 1=register-1
Fatal error message. Traceback line. If procedure name is 'I/O', the error causing the traceback occurred in an input/output statement. When the name is blank, the error is a program class error. E, F, 0, and 1 contain the 8-digit hexadecimal representations of the content of registers 14, 15, 0, and 1, respectively.

FL0F4 MAIN PROGRAM LEVEL REACHED IN THE TRACEBACK.
Fatal error message. Last message of a traceback sequence. Informational message only.

No response is required.

FL0F5 RECURSION IN PROCEDURE REFERENCE DETECTED DURING TRACEBACK PROCESSING
Fatal error message. In FORTRAN IV, a procedure cannot directly or indirectly call itself.

No operator action required. Programmer should correct the FORTRAN source code.

FL0F6 LINE number OF MODULE module-name
A program interrupt has occurred at the line number of the module specified.

Check FORTRAN source for error.

FL0FC DIAGNOSTIC UNIT CANNOT BE DIRECT ACCESS. MESSAGES WILL BE SENT TO JOB LOG ONLY.
Diagnostic unit was assigned to a direct access device during execution of the FORTRAN program. FORTRAN can only output diagnostics to a sequential file. The diagnostic unit is shut down and messages are printed in the job log file.

Assign unit to a sequential device or define a new diagnostic unit.

FL0FD PROGRAM EXECUTION TERMINATED FOR EXHAUSTION OF ERROR COUNT.
Fatal error message. Error count specified on ERRDEF call has been exceeded during program execution.

No operator action required. Programmer should correct the program or data to eliminate the errors, or redefine the ERRDEF table.

FL0FE ERROR ON DIAGNOSTIC UNIT. CONSOLE SUBSTITUTED. ONE OR MORE MESSAGES LOST.

Fatal error message. Diagnostic unit down. No traceback provided. Files will be closed.

Operator/programmer action as indicated.

FL0FF PROGRAM EXECUTION TERMINATED.

Terminal message for normal or abnormal termination. Informational message only.

No response is required.

FL050 CONTROL AT STATEMENT label ON CARD number OF MODULE module-name

Informational message. The label trace debug feature is reporting the execution flow.

No operator action is needed.

FL100 error-count PROGRAM CLASS ERRORS OCCURRED DURING PROGRAM EXECUTION.

Error count message. The inserted integer is a count of the number of program class errors (control flow through improper source syntax or improper FORMAT I/O list interaction).

No operator action needed. Programmer should correct the incorrect FORTRAN source code.

FL101 SOURCE PROGRAM ERROR LINE number ENCOUNTERED

Nonfatal error message. This flow of code execution has encountered a statement for which code could not be generated. Warning message only.

No operator action needed.

FL102 UNIT xx -CONFLICT OF TYPE BETWEEN FORMAT CODE (c) AND VARIABLE NAME IN THE I/O LIST. WARNING.

Nonfatal error message. Self-explanatory. Examples are logical type and real descriptor; complex type and integer descriptor.

No operator action needed. Programmer should respond as indicated.

FL103 DUMP/PDUMP PARAMETER IS OUTSIDE OF THE PROGRAM REGION.

Nonfatal error message. A parameter passed to DUMP or PDUMP represents an address beyond the program region limits. Probable causes are program was destroyed by erroneous subscripts or improper integration of a BAL program.

No operator action needed. Programmer should respond as indicated.

FL200 error-count READ CLASS ERRORS OCCURRED DURING PROGRAM EXECUTION.

Error count message. The given integer is a count of the recoverable parity or wrong-length errors which occurred during program execution.

No operator action needed. Whenever this count is large, programmer should check the blocksize for all fixed files against the size specified by FUNDEF.

FL201 UNIT xx –PARITY OR BLOCK LENGTH ERROR. CONTROL TRANSFERRED TO ERR CLAUSE

Nonfatal error message. Informational message.

No operator action required. Programmer action as indicated.

FL281 UNIT xx –PARITY OR BLOCK LENGTH ERROR. ERR CLAUSE NOT AVAILABLE.

Fatal error message. ERR clause unavailable either through lack of ERR specification or through inhibition by ERRDEF.

No operator action needed. Programmer action as indicated.

FL300 error-count DATA CLASS ERRORS OCCURRED DURING PROGRAM EXECUTION.

Error count message. Illegal input characters were detected during program execution as many times as specified by the given count. Warning only.

No action required.

FL301 UNIT xx –ILLEGAL INPUT CHARACTER (c) DETECTED IN POSITION position. ERR CLAUSE ACTIVATED.

Nonfatal error message. Illegal input datum character in the given record position.

No operator action needed. Programmer should change the incorrect datum or recover in user program.

FL381 UNIT xx –ILLEGAL INPUT CHARACTER (c) DETECTED IN POSITION position. ERR CLAUSE NOT AVAILABLE.

Fatal error message. See FL301. ERR clause not available either through lack of ERR specification or inhibition by ERRDEF.

No operator action needed. Programmer should correct the incorrect datum.

FL400 error-count ARITHMETIC CLASS PROGRAM CHECKS OCCURRED DURING PROGRAM EXECUTION.

Error count message. The count's value is the total number of overflow, underflow, and divide check errors that occurred during program execution. Warning message only.

No operator action needed.

FL408 PROGRAM CHECK INTERRUPT – PSW contents –INTEGER OVERFLOW.

Nonfatal error message. Machine limit for integer magnitude exceeded. Results indeterminate. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field. Program can test by using the OVERFL subroutine.

No operator action needed.

FL409 PROGRAM CHECK INTERRUPT – PSW contents –INTEGER DIVISION BY ZERO.

Nonfatal error message. Zero result is returned to program in the case of an illegal integer division. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field. Program can test by using DVCHK subroutine.

No operator action needed.

FL40C PROGRAM CHECK INTERRUPT - PSW contents -REAL EXPONENT OVERFLOW.

Nonfatal error message. Magnitude too small for machine representation of a real number. Result is zero. A 16-digit hexadecimal representation of the PSW at the time of the program check type interrupt is provided in the *contents* field. Program can check on these errors by calling the OVERFL subroutine.

No operator action needed.

FL40D PROGRAM CHECK INTERRUPT - PSW contents -REAL EXPONENT UNDERFLOW.

Nonfatal error message. Numerical magnitude is too small for machine representation of a real number. The substituted result is zero. A 16-digit hexadecimal representation of the PSW at program interrupt time is provided in the *contents* field. Program can test by using the OVERFL subroutine.

No operator action needed.

FL40F PROGRAM CHECK INTERRUPT - PSW contents -REAL DIVISION BY ZERO.

Nonfatal error message. Zero results are returned to the program following an illegal real division by zero. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field. Program can check or test by using the DVCHK subroutine.

No operator action needed.

FL500 error-count INVALID ARGUMENTS WERE TRANSMITTED TO THE MATHEMATICAL LIBRARY DURING EXECUTION.

Nonfatal error message. Argument range limitations violated the value of the count times during program execution. Standard substitute results were delivered to the program. The error-count indicates the number of invalid arguments passed to the mathematical library. Warning only.

No operator action needed.

FL505 FUNCTION UNDEFINED FOR ARGUMENT(S) arguments

Nonfatal error message. The FUNCTION value is mathematically undefined for the arguments specified. An example is ASIN (2.0). The arguments field is one or two argument values (depending on the function) that have transgressed the rigorous functional definition.

No operator action needed. Programmer should respond as indicated.

FL506 FUNCTION MAGNITUDE TOO LARGE arguments

Nonfatal error message. The FUNCTION value's magnitude is too large to be represented (overflow). An example is 1.E50**1.E50. The *arguments* field contains one or two arguments that have caused the function to overflow.

No operator action needed. Programmer should respond as indicated.

FL507 RESULT INSIGNIFICANT FOR ARGUMENT arguments

Nonfatal error message. The argument specified is too large for the FUNCTION to compute a significant result. An example is SIN (7.2**50). The *arguments* field contains one or two arguments that have created the insignificance of the result.

No operator action needed. Programmer should respond as indicated.

FL508 FUNCTION MAGNITUDE TOO SMALL arguments

Nonfatal message. The FUNCTION value's magnitude is too small to be represented (underflow). An example is 1.E-50**1.E-50. The *arguments* field contains one or two arguments that have caused the function to underflow.

No operator action needed. Programmer should respond as indicated.

FL520 WRONG NUMBER OF ARGUMENTS

A subroutine or function has been referenced with a different number of arguments than specified on the SUBROUTINE or FUNCTION statement.

Correct the FORTRAN source code.

FL530 SUBSCRIPT OF subscript-value OUT OF RANGE ON CARD number OF MODULE module-name.

Nonfatal error message. An illegal subscript has been discovered by subscript checking. A subscript value was either greater than the maximum value declared for the corresponding array or was less than 1.

No operator action needed. Programmer should correct program.

FL600 error-count BOUNDARY ALIGNMENT PROGRAM CHECKS OCCURRED DURING PROGRAM EXECUTION.

Error count message. Improper COMMON and/or EQUIVALENCE statements have caused the specified number of program check interrupts during the execution of the program.

No operator action needed. If the count is large, the programmer should reorganize the COMMON and EQUIVALENCE statements to improve efficiency, since the recovery is relatively time consuming.

FL606 PROGRAM CHECK INTERRUPT - PSW contents -BOUNDARY ALIGNMENT ERROR - COMMON, EQUIVALENCE.

Nonfatal error message. COMMON and/or EQUIVALENCE statements have forced the compiler to allocate illegal addresses to variables. Instruction fault recovered by the FORTRAN IV library. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field.

No operator action needed.

FL701 UNIT xx -UNRECOGNIZABLE FORMAT CODE ENCOUNTERED.

Fatal error message. Probable causes are modification of the FORMAT through the program's action, such as an array element definition with an improper subscript and/or an illegally formatted READ at program execution time.

No operator action needed. Programmer should correct source program.

FL702 UNIT xx -ATTEMPTED READ/WRITE BEYOND END OF RECORD.
Fatal error message. On input, FORMAT statement specifies a record larger than that provided, or an unformatted READ requesting more data than was written. On output, record specified by the FORMAT is too large, or unformatted WRITE is using fixed records and large lists.

No operator action needed. Programmer should change either READ, WRITE, FORMAT, or FUNDEF.

FL703 UNIT xx -I/O LIST IS NON-EMPTY, BUT FORMAT CONTAINS ONLY X, T, AND/OR LITERAL DESCRIPTORS.
Fatal error message. The FORMAT interaction with the I/O list does not conform to FORTRAN standards.

No operator action needed. Programmer should change the incorrect FORMAT statement.

FL704 UNIT xx -FORMAT STATEMENT SPECIFIES EXCESSIVE NESTING OR PARENTHETICAL GROUPING.
Fatal error message. Only five levels of parentheses are permitted in a FORMAT.

No operator action needed. Programmer should correct the FORMAT statement.

FL705 UNIT xx -UNRECOVERABLE PARITY ERROR DURING BACKSPACE COMMAND.
Fatal error message. Position has been lost on the file.

No operator action needed. Programmer should respond as indicated.

FL706 UNIT xx -UNRECOVERABLE PARITY ERROR DURING SEQUENTIAL WRITE COMMAND.
Fatal error message. File was abnormally terminated.

Operator/programmer response is as indicated.

FL707 UNIT xx -INVALID RELATIVE RECORD NUMBER SPECIFIED.
Fatal error message. Record number was outside the bounds established in a DEFINE FILE statement.

No operator action needed. Programmer should correct source program.

FL708 UNIT xx -RECORD SIZE FROM DEFINED FILE STATEMENT EXCEEDS THAT SPECIFIED IN FUNDEF.
Fatal error message. DEFINE FILE record size must be less than or equal to FUNDEF record size.

No operator action needed. Programmer should be sure a DVC-LFD sequence has been specified for the unit and also correct the DEFINE FILE statement and/or the FUNDEF.

FL709 UNIT xx -RECORD NUMBER record-number DOES NOT EXIST.
Fatal error message. Record to be input was null.

No operator action needed. Programmer should correct the program.

FL710 UNIT xx -DELETED RECORD ENCOUNTERED DURING BACKSPACE
Fatal error message. A deleted record was encountered while doing a backspace of variable length MIRAM records.

No operator action needed. Programmer should examine the file.

FL712 UNIT xx -WARNING. NO DATA WRITTEN TO OUTPUT FILE BETWEEN OPEN AND CLOSE. NULL FILE CREATED.

Nonfatal error message. ENDFILE was executed but no WRITEs were performed.

Warning only. No operator action needed.

FL713 UNIT xx -UNRECOVERABLE DIRECT ACCESS OUTPUT ERROR CODE error-code

Fatal error message. Refer to the data management error code for an explanation (Appendix A).

Respond as indicated. See the data management system programmer reference, UP-8159 (current version).

FL714 UNIT xx -END OF FILE ENCOUNTERED WHILE EXECUTING A READ CONTAINING NO END CLAUSE.

Fatal error message. I/O list processing is not performed, since no data is available.

No operator action needed. Programmer should insert end of file logic in source program.

FL716 UNIT xx -PREVIOUS FIND AND CURRENT READ STATEMENTS SPECIFY DIFFERENT RELATIVE RECORDS-WARNING.

Nonfatal error message. Probable error in direct access logic in the source program.

Warning message. Programmer should respond as indicated.

FL717 UNIT xx -DISC SPACE EXHAUSTED. UNRECOVERABLE ERROR. ALLOCATE LARGER FILE.

Fatal error message. Occurs at file extension only.

No operator action needed. Programmer should allocate a larger file.

FL718 UNIT xx -FILE CANNOT BE SWITCHED FROM INPUT TO OUTPUT WHEN RECORD VERIFICATION IS SPECIFIED.

Fatal error message. File FUNDEF, specified FVERIFY=YES. Therefore, the file's mode of access may not be switched from input to output unless the byte is closed and rewritten or extended.

No operator action needed. Programmer should delete VERIFY function from the FUNDEF for this file.

FL719 UNIT xx -INPUT VALUE OF RANGE AT COLUMN record-position. ZERO SUBSTITUTED.

Nonfatal error message. Input field starting at the indicated column exceeds machine magnitude limits.

No operator action needed. Programmer should correct the erroneous datum.

FL720 UNIT xx -CURRENT I/O STATEMENT ILLEGAL DURING SUBSCRIPT EVALUATION FOR PREVIOUS I/O LIST ITEM.

Fatal error message. Recursive call on the I/O library caused by a subscript in another I/O list. Subscript evaluation required execution of a function procedure that led to the current I/O statement.

No operator action needed. Programmer must simplify the subscript.

FL721 UNIT xx -I/O STATEMENT INVALID FOR SPECIFIED UNIT.
Fatal error message. Attempt was made to perform operation beyond device capability. Examples are WRITE to the card reader or READ from the printer.

No operator action needed. Programmer should correct source program and/or FUNDEF.

FL722 UNIT xx -UNRECOVERABLE ERROR PREVIOUSLY DETECTED. CURRENT REFERENCE TO UNIT NOT PERMITTED.
Fatal error message. ERR clause previously activated, with the error status set to unrecoverable. File must be considered unavailable for further reference.

No operator action needed. At ERR label, program should recover the file status by using ERROR subroutine, and then proceed accordingly.

FL723 UNIT xx -INVALID COMMAND SEQUENCE. CURRENT STATEMENT CANNOT BE PERFORMED.
Fatal error message. Serious error in I/O logic, such as a WRITE-to-tape followed by a READ of the same tape.

No operator action needed. Programmer should correct source program.

FL724 UNIT xx -A DEFINE FILE STATEMENT MUST BE EXECUTED PRIOR TO ANY OTHER REFERENCE TO THIS UNIT.
Fatal error message. A direct access READ, WRITE, or FIND was executed before the DEFINE FILE for the unit.

Programmer should modify the execution logic flow to execute the DEFINE FILE first.

FL725 UNIT xx -INVALID SEQUENCE OF I/O STATEMENTS. CURRENT STATEMENT IGNORED.
Nonfatal error message. Illogical sequence of I/O orders, such as an ENDFILE following an END return.

No operator action needed. Programmer must correct source program logic.

FL726 UNIT xx -WARNING. A BACKSPACE SHOULD HAVE PRECEDED CURRENT ORDER. FILE REPOSITIONED.
Nonfatal error message. Program not positioning around end file marker. Examples are WRITE at end of file; WRITE and READ AT END clause; return/WRITE.

No operator action needed. Programmer must correct the program logic.

FL727 UNIT xx -DEFINE FILE ISSUED FOR FILE NOT DEFINED IN FUNDEF AS A DIRECT ACCESS DEVICE.
Fatal error message. A direct access DEFINE FILE statement issued for a file which was not defined as a direct access device in the FORTRAN unit table definition (FUNDEF).

No operator action needed. Programmer should correct the program.

FL728 UNIT xx -DEFINE FILE ISSUED FOR FILE OPENED AS SEQUENTIAL MIRAM FILE.

Fatal error message. A DEFINE FILE statement was issued to a MIRAM file after a sequential operation was executed to the file.

No operator action needed. Programmer should correct the program.

FL730 UNIT xx -UNRECOVERABLE. I/O ERROR HAS OCCURRED. CODE error-code.

Fatal error message. Refer to the data management error codes (Appendix A).

Operator/programmer should respond as indicated.

FL731 UNIT xx -UNRECOVERABLE ERROR ENCOUNTERED DURING BACKSPACE/ENDFILE/REWIND. CODE error-code.

Fatal error message. Refer to the data management error code (Appendix A).

Operator/programmer should respond as indicated.

FL732 UNIT xx -UNRECOVERABLE ERROR ENCOUNTERED DURING PROGRAM TERMINATION. CODE error-code.

Fatal error message. Error in closing the file. See the explanation of the data management error code (Appendix A).

Operator/programmer should respond as indicated.

FL735 UNIT xx -MISSING OPENING PARENTHESIS IN A DYNAMIC FORMAT. WARNING.

Nonfatal error message. The zero level left parenthesis is missing from a FORMAT in an array. Warning message.

No operator action needed. Programmer should correct the program.

FL736 UNIT xx -A VARIABLE NAME OR GROUP NAME READ BY NAMELIST IS TOO LONG.

Fatal error message. Variables or NAMELIST names must not exceed six characters in length.

No operator action is needed. Programmer should correct the NAMELIST data.

FL737 UNIT xx -A VARIABLE NAME NOT IN THE NAMELIST GROUP READ BY NAMELIST

Fatal error message. Data to NAMELIST READ may only define variable or arrays specified for the NAMELIST group by means of a NAMELIST statement.

No operator action needed. Programmer should correct namelist data.

FL738 UNIT xx -A SUBSCRIPTED NON-ARRAY READ BY NAMELIST

Fatal error message. Only array names may be subscripted.

No operator action needed. Programmer should correct NAMELIST data.

FL739 UNIT xx -A VARIABLE NAME OR SUBSCRIPT INCOMPLETE ON A SINGLE RECORD, READ BY NAMELIST.

Fatal error message. The only allowed splitting point of NAMELIST data items over two records is immediately after the equal sign.

No operator action needed. Programmer should correct NAMELIST data.

FL73A UNIT xx -NON-POSITIVE REPEAT, HOLLERITH WIDTH OR SUBSCRIPT INTEGER READ BY NAMELIST.

Fatal error message. All specification type integers in a NAMELIST read data records must be greater than zero.

No operator action needed. Programmer should correct the NAMELIST data.

FL73B UNIT xx -LIST DIRECTED INPUT DATA'S INTEGER SPECIFICATION NON-POSITIVE.

Fatal error message. LIST DIRECTED INPUT has encountered a repeat or Hollerith integer constant that is less than or equal to zero.

No operator action is needed. Programmer should examine the input data stream.

FL73C UNIT xx -NULL. HEXADECIMAL/LITERAL STRING INPUT TO LIST DIRECTED I/O.

Fatal error message. The length a supposed hexadecimal or literal datum is zero.

No operator action needed. Programmer should examine the data.

FL73D UNIT xx -ILLEGAL SEPARATOR WITHIN A COMPLEX DATUM TO LIST DIRECTED INPUT

Fatal error message. A separator has occurred before the closing) and after the imaginary part of a complex datum, or a / character has been used after the read part.

No operator action needed. Programmer should check the format of the complex data values.

FL73E UNIT xx -WARNING. COMPLEX DATUM TO LIST DIRECTED INPUT INCOMPLETE. 0 SUBSTITUTED.

Nonfatal error message. A warning message only. If the complex input datum is missing, its real or imaginary part or both 0 values are substituted.

No operator action required. Programmer should examine complex data fields.

FL73F UNIT xx -LIST TO DATA NOT ONE TO ONE FOR LIST DIRECTED INPUT.

Fatal error message. The number of data items read by LIST DIRECTED INPUT is in conflict with the number of list (including array elements) in the I/O list.

No operator action needed. Programmer should examine the list-directed I/O logic and/or data set.

FL740 UNIT xx -EXTENSION OF A SEQUENTIAL DISC. FILE IS NOT CURRENTLY IMPLEMENTED.

Fatal error message. The function requires open extend in the data management system.

No operator action needed. Programmer should change the program logic.

FL742 {CDI / DTF} UNIT xx NOT SUPPORTED BY DATA MANAGEMENT.

Unit definition was assembled with a CDI or DTF data management interface and is executing in an environment that does not support this interface.

Execute this job with a data management system that supports both CDI and DTF mode; or reassemble the unit definition and execute under the same data management system.

FL760 UNIT xx CANNOT BE OPENED.

An unrecoverable error has occurred during open processing.

Check log for possible data management error diagnostics. Ensure that the proper DVC-LFD sequence is provided for the unit.

FL780 INPUT/OUTPUT STATEMENT REQUIRES UNIT NUMBER NOT PRESENT IN THE UNIT TABLE.

Fatal error message. Library cannot associate the unit number with any external file.

No operator action needed. Programmer should correct source program and/or FUNDEF.

FL781 FORTRAN II UNIT REFERENCED, BUT NO APPLICABLE UNIT SPECIFIED IN THE UNIT TABLE.

Fatal error message. Improper FUNDEF. For READ statement, FDEVICE=SPOOLIN required. For PRINT statement, FDEVICE=PRINTER. For PUNCH statement, FDEVICE=CARDOUT.

No operator action needed. Programmer should correct FUNDEF as above, or specify a FUNIT=READ or PRINT or PUNCH.

FL782 UNIT xx -INVALID CHANGE TO FORTRAN DTF

Total error message DTF for this FORTRAN unit has been incorrectly modified, probably by a DD statement. Once a UNIT table has been assembled, FRECFORM must not be changed, and FBKSZ and FRECSIZE must not be increased.

No operator action is needed. Programmer should correct DD statement or reassemble UNIT table.

FL801 UNIT xx -UNRECOVERABLE PARITY OR BLOCK LENGTH ERROR. CONTROL TRANSFERRED TO ERR CLAUSE.

Nonfatal error message. Inconsistent block and/or record control words detected after a parity/wrong-length error. Position lost. Unit must be considered unavailable.

Operator/programmer should respond as indicated.

FL802 UNIT xx -UNRECOVERABLE INPUT ERROR CODE error-code. CONTROL TRANSFERRED TO ERR CLAUSE.

Nonfatal error message. Reference the data management error code (Appendix A).

Operator/programmer should respond as indicated.

FL803 UNIT xx -UNRECOVERABLE SPOOLING ERROR. CONTROL TRANSFERRED TO ERR CLAUSE.

Nonfatal error message. Error returned by GETCS. SPOOLING no longer available for reference.

Operator/programmer should respond as indicated.

FL804 UNIT xx -UNRECOVERABLE DIRECT ACCESS INPUT ERROR CODE error-code. ERR CLAUSE ACTIVATED.

Nonfatal error message. Refer to the data management error code (Appendix A).

Operator/programmer should respond as indicated.

FL805 UNIT xx -UNRECOVERABLE LOSS OF POSITION DURING UNFORMATTED READ. ERR CLAUSE ACTIVATED.

Nonfatal error message. Record control word indicates that the file is improperly positioned.

Operator/programmer should respond as indicated.

FL881 UNIT xx -UNRECOVERABLE PARITY OR BLOCK LENGTH ERROR. ERR CLAUSE NOT AVAILABLE.

Fatal error message. ERR clause unavailable either through lack of ERR specification or through inhibition by ERRDEF. Inconsistent control words caused loss of position.

Operator/programmer should respond as indicated.

FL882 UNIT xx -UNRECOVERABLE INPUT ERROR CODE error-code. ERR CLAUSE NOT AVAILABLE.

Fatal error message. ERR clause unavailable either through lack of ERR specification or through inhibition by ERRDEF parameter. Refer to the data management error code (Appendix A).

Operator/programmer should respond as indicated.

FL883 UNIT xx -UNRECOVERABLE SPOOLIN ERROR. ERR CLAUSE NOT AVAILABLE.

Fatal error message. Error returned by GETCS. ERR clause unavailable either through lack of ERR specification or through inhibition by ERRDEF.

Operator/programmer should respond as indicated.

FL884 UNIT xx -UNRECOVERABLE DIRECT ACCESS INPUT ERROR CODE error-code. ERR CLAUSE NOT AVAILABLE.

Fatal error message. ERR clause unavailable either through lack of ERR specification or through inhibition by ERRDEF. See the data management code in Appendix A.

Operator/programmer should respond as indicated.

FL885 UNIT xx -UNRECOVERABLE LOSS OF POSITION DURING UNFORMATTED READ. ERR CLAUSE NOT AVAILABLE.

Fatal error message. ERR clause unavailable either through lack of ERR specification or through inhibition by ERRDEF. Record control word indicates loss of position.

Operator/programmer should respond as indicated.

FL901 PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTIONS.

Fatal error message. Illegal operation. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL902 PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (PRIVILEGED).

Fatal error message. Privileged operation. Probable causes are program destroyed by erroneous subscripts or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL903 PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (EXECUTE).

Fatal error message. Execute exception. Probable causes are program destroyed by erroneous subscripts or improper integration of a BAL program. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL904 PROGRAM CHECK INTERRUPT - PSW contents -PROGRAM REFERENCE OUTSIDE PROGRAM LIMITS.

Fatal error message. Protection exception. Probable causes are erroneous subscripts or transfer to nonexistent procedures. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action is needed. Programmer should check source program for subscripting errors.

FL905 PROGRAM CHECK INTERRUPT - PSW contents -PROGRAM REFERENCE OUTSIDE PROGRAM LIMITS.

Fatal error message. Addressing exception. Probable causes are erroneous subscripts or transfer to nonexistent procedures. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action is needed. Programmer should check source program for subscripting errors.

FL906 PROGRAM CHECK INTERRUPT - PSW contents -UNRECOVERABLE BOUNDARY ALIGNMENT ERROR.

Fatal error message. Probable causes are program destroyed by erroneous subscripts or BAL program improperly integrated, branch to a byte boundary, load register pair, etc. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should use TRACEBACK feature, etc, to correct the program.

FL907 PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (DECIMAL ARITHMETIC).

Fatal error message. Data exception. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action is needed. Programmer should respond as indicated.

FL90A PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (DECIMAL OVERFLOW).

Fatal error message. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL90B PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (DECIMAL DIVISION).

Fatal error message. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL90E PROGRAM CHECK INTERRUPT - PSW contents -SIGNIFICANCE LOSS FROM ILLEGAL SPM.

Fatal error message. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL925 PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (INDIRECT ADDR.).

Fatal error message. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL926 PROGRAM CHECK INTERRUPT - PSW contents -ILLEGAL INSTRUCTION (INDIRECT ADDR. LEVEL).

Fatal error message. Probable causes are program destroyed by erroneous subscript or BAL program improperly integrated. A 16-digit hexadecimal representation of the PSW at program check interrupt time is provided in the *contents* field of the message.

No operator action needed. Programmer should respond as indicated.

FL940 NOT ENOUGH SPACE TO DYNAMICALLY ALLOCATE I/O BUFFERS
FORTRAN uses the unallocated space at the end of the job region for I/O buffers. Not enough space is left to allocate buffers for the current unit.

Allocate more space on the // JOB card and rerun.

FLA01 ABNORMAL TERMINATION AT PSW contents IN FORTRAN CONTROL ROUTINE. ABTERM CODE error-code
Fatal error message. An abnormal termination condition occurred while a FORTRAN control routine was being executed. An attempt will be made to close all active files.

A 16-digit hexadecimal representation of the PSW at abnormal termination time is provided in the *contents* field of the message.

Operator/programmer may check the supervisor error check.

FLA02 ABNORMAL TERMINATION AT PSW contents IN USER PROGRAM. ABTERM CODE error-code
Abnormal termination message. An abnormal termination condition occurred while a user program was being executed. An attempt will be made to close all active files.

A 16-digit hexadecimal representation of the PSW at abnormal termination time is provided in the *contents* field of the message.

Operator/programmer may check the supervisor error code (Appendix A). Probable time-out or operator cancel.

FLA10 ATTEMPT TO LOAD PHASE phase-name RESULTED IN LOADER ERROR error-code
Fatal error message. Failure in attempt to load an order.

Operator/programmer should see the supervisor error code (Appendix A).

FPA00 OS/3 FILE PLACEMENT ANALYZER 1.0 STARTED
The file placement analyzer is an OS/3 software product which provides a plan to improve system performance by reducing and analyzing system activity monitor (SAM) data. It determines an optimum file allocation scheme along with projected seek and load balance saving for the specific disk configuration evaluated.

This is an informational message only. No action is required.

FPA01 command NOT A FPLAN COMMAND
The command displayed is not a valid input command.

Correct command and reenter.

FPA02 parameter NOT A VALID COMMAND PARAMETER
The parameter displayed is not valid for the current command.

Correct the parameter and reenter.

FPA03 FIPLAN ABNORMAL TERMINATION ERR: code
The FIPLAN program has been abnormally terminated because of the reason specified by the error code.

Check you JCI for proper DUC-LFD sequence code.

FPA04 SAM INPUT FILE OPEN ERR: code
The specified input file could not be opened.

Check your JCL for proper DVC-LFD sequence. Appendix H lists the error code explanations and recovery procedures.

FPA05 SAM INPUT FILE I/O ERR: code
The specified input file could not be accessed.

Appendix H lists the error code explanations and recovery procedures.

FPA06 NO SUBFILE n EXISTS–ONLY m SUBFILES CREATED
The requested subfile does not exist in the specified input file.

Correct inputs, JCL, or subfile number and rerun.

FPA07 SUBFILE# n OPEN ERR: code
An error was detected while trying to open the specified subfile(n) because of the reason specified by the error code.

Appendix H lists the error code explanations and recovery procedures.

FPA08 SUBFILE# n OPENED - DATA FROM OS/3 - xx CN yymmdd AT xx:xx
This message denotes the currently opened subfile (n), from OS/3 version (xx) with creation date (yymmdd) and time (xx:xx).

This is an informational message. No action is required.

FPA09 INVALID TIME RANGE FOR SUBFILE# n
The time limits specified for subfile# n are invalid.

Check the time limits of the subfile against the requested time interval.

FPA10 LOAD BALANCE PHASE STARTED
This message denotes that the FIPLAN has started execution of load balance analysis.

This is an informational message only. No action is recovered.

FPA11 SEEK REDUCTION PHASE STARTED
This message denotes that FIPLAN has started execution of the seek time reduction analysis.

This is an informational message only. No action is required.

FPA12 WARNING: LIMITED AVAILABLE SPACE: REQUIRED SPACE=xx BYTES, CAPACITY=yy
The total required space exceeds 80% of the available space for all the volumes in the new configuration.

This is an informational message. No action is required.

FPA13 WARNING: FILE NOT FIXED, BECAUSE TARGET VOLUME IS NOT INCLUDED IN NEW CONFIGURATION. FILE NAME IS: filename
The target volume is not included in the new configuration. The file will be allocated in accordance with load balancing and seek reduction criteria.

Check the user command parameter inputs for consistency, especially REMOVE and DEFINE.

FPA14 WARNING: CANNOT MAP TO THIS VSN: volume-serial-number
The map command is not executed because the specified target volume is not part of the new configuration.

Review the command parameter input values, especially REMOVE and DEFINE.

FPA15 NO FIPLAN SUBFILE EXISTS IN SAM-input-file ON SAM-input-vsn
Check the SAM input file to ensure that it contains a FIPLAN subfile created in the FIPLAN mode during the SAM monitor session.

FPA16 NEW CONFIGURATION TOO SMALL: REQUIRED=xx, CAPACITY=yy
There isn't enough storage capacity in the projected new configuration. For example, more capacity has been removed than added with the DEFINE command.

Correct the command's input to FIPLAN and reenter.

FPA17 WARNING: FIX COMMAND CONTAINS A FILE NOT FOUND IN CONFIGURATION. FILE NAME: filename
The file name entered by the FIX command is not in the observed configuration.

Correct the FIX command parameter and rerun FIPLAN.

FPA18 FIPLAN COMMAND command ACCEPTED
This is an informational message that shows input to FIPLAN.

No action is required.

FPA19 NO ACCESSES TO THIS CONFIGURATION
There are no accesses to any of the files on the volumes to be analyzed.

Review the command parameter input values and input file specifications.

FPA20 MAXIMUM NUMBER OF FILES EXCEEDED, MAXFILES = 500
FIPLAN has the capacity to process up to 500 files. This limit has been exceeded.

Use the FIPLAN IGNORE-VSN command to eliminate volumes of least interest to reduce the number of files.

FPA21 WARNING: NO SPACE AVAILABLE FOR FILE: filename
There is no space available on the intended volume for this file.

Check user command parameter inputs for consistency.

FPA22 WARNING: THIS FILE HAS NO SPACE ALLOTTED: filename
This file has a total extent of less than one track.

Contact your local Sperry representative.

FPA23 OBSERVED FILE filename ON VOLUME volume-name NOT PROJECTED
This message flags exception files for which FIPLAN does not project accesses or relocation. For example, YRUN..., $SCROO..., $VTOC, $IMPL, $IPL files.

This is an informational message only. No action is required.

FPA25 DUPLICATE VSN volume-serial-number DEFINED
The DEFINE command was entered to define an existing VSN. The command will be ignored because duplicate VSNs are not allowed in an OS/3 environment. To change a disk type for a VSN, REMOVE the old VSN then DEFINE the same VSN with a different type.

Check the user command parameter inputs for consistency.

FPA98 FIPLAN PROCESS ERROR IN MODULE xx
This is a general error message where xx is a unique object module identifier. For example, when a SAM vsn record is read it contains a device address. If this address was not previously from pubs, a disk type cannot be associated with the vsn.

This is a FIPLAN internal process error. Please contact your local Sperry representative.

FPA99 FILE PLACEMENT ANALYSIS COMPLETED
This is an informational message only. No action is required.

FT000 INVALID SPECIFICATION FOR FILE
A syntax error was detected in the host or PC specification.

Correct the error and reenter specification.

FT001 PC DISK FULL, TRANSFER NOT COMPLETED
The disk/diskette in use is full, and the transfer cannot be completed.

Use another disk/diskette or erase files from the disk/diskette for additional file space.

FT002 PC DISK NOT READY
The disk/diskette you are using is not properly prepared for use.

Put disk/diskette in ready state.

FT003 PC DISK IS WRITE-PROTECTED
You cannot write to a disk/diskette that is write-protected.

Make sure the correct disk/diskette has been specified. If so, write-enable the disk/diskette.

FT004 PC I/O ERROR
A disk/diskette I/O error has occurred.

Correct the PC hardware problem.

FT009 PC ERROR-ACK NOT TRANSMITTED TO HOST
The PC has not transmitted an acknowledge status to the host while receiving data. The data transfer is questionable.

FT010 PC BLOCK SIZE EXCEEDS MAXIMUM
The PC has transmitted a block of data that exceeds the PC control page block size. The data transfer is questionable.

FT011 RECORD SIZE EXCEEDS MAXIMUM
The record size specified by the host RCSZ parameter is larger than 7680 characters.

Reenter the host specification with valid record size.

FT012 RECORD SIZE EXCEEDS RCSZ, RECORD SPANNED

A data record larger than RCSZ has been transmitted to the host. The record has been spanned over multiple records on the host file at a record size equal to RCSZ.

FT013 PC HEXIFY DATA, MODULE TYPE INVALID

Operator specified a module type of O or L in the host file specification but selected HEXIFY DATA mode transfer.

Transfer OS/3 object O or load L modules using CHARACTER DATA mode.

FT014 SYSTEM ERROR MNN

An OS/3 system error has occurred. Refer to Appendix A for an explanation of this error.

H002 **HO { ACT / SPQ } COMPLETED**

The specified function has completed.

No action is required.

H003 **HO { ACT / SPQ } FORMAT ERROR**

The command format is incorrect. The command is rejected.

Check the command syntax and enter the correct command.

HU001 **UNEXPIRED FILE filename ON VOLUME vsn IC**

A file on the disk/diskette volume has an expiration date greater than the system date.

Reply I to ignore the unexpired file or C to cancel the program and save the file.

IMS **SECURITY VIOLATION**
Either the user-id, program name, transaction code, or file name was not defined to profile management. This violates IMS security and causes cancellation of the transaction.

IMS **STARTUP ERROR - CONFIGURATION INVALID**
One or more of the IMS configuration records in the NAMEREC file is in error.

Rerun the IMS configuration job, making sure the configurator terminates normally.

IMS **STARTUP ERROR - CONFIGURATION NOT COMPLETED**
One or more of the IMS configurator records in the NAMEREC file is missing.

Verify the configuration ID and rerun the IMS configuration job, making sure that the configurator terminates normally.

IMS **STARTUP ERROR - DDP PARAM IGNORED - NOT CONFIGURED**
// PARAM LOCAP=(name,c), // PARAM DDPBUF=n, or // PARAM DDPSESS=n was in the IMS job stream but the IMS being executed was not configured with DDP (a LOCAP section). The IMS DDP parameter is ignored and IMS processing continues.

Remove the invalid parameter from the job stream or configure IMS with DDP and rerun corrected IMS with valid parameters.

IMS **STARTUP ERROR - PARAM DDPSESS=n GT CONFIG NMBR**
The value n specified in DDP startup parameter // PARAM DDPSESS=n is greater than the value specified in the general section of the IMS configuration. This parameter specification is ignored and startup processing continues.

This parameter value can be less than or equal to the IMS configured value, but not greater. Correct the DDPSESS parameter and rerun, or change the DDPSESS parameter in the general section of the configuration input to a higher allowable value and reconfigure.

IMS **STARTUP ERROR - FATAL ERROR FOR NAMEREC FILE**
An unrecoverable error has been encountered in attempting to access the NAMEREC file.

Check register F in the dump for the error bytes (4) from the NAMEREC DTF and take appropriate action.

IMS **STARTUP ERROR - INSUFFICIENT REGION SIZE**
IMS has been unable to load its control tables into main storage from the NAMEREC file due to insufficient main storage space.

Increase the region size parameter on the JOB card of the IMS execution job control stream.

IMS STARTUP ERROR - LOAD MODULE program-name NOT FOUND
The program has been configured as an IMS action program, but it is not in the load library.

IMS start-up will continue despite this error (i.e., this is a warning not a fatal error). However, the action program is not available and it should not be called.

One of three actions can be taken:

1. Correct the spelling of the program in the configurator input and rerun the configuration job.
2. Add the module to the IMS load library.
3. Correct the load library assignment in the IMS execution job control stream.

IMS STARTUP ERROR - LOCAP=(name,c) NOT CONFIGURED
The LOCAP name specified in PARAM LOCAP=(name,c) was not input to the IMS configurator. The parameter specification is ignored and IMS start-up will continue.

Correct the configuration input, reconfigure and rerun corrected IMS, or correct the parameter and rerun IMS.

IMS STARTUP ERROR - NAMEREC/LOAD MODULE MISMATCH
The date and time of the IMS configuration, as contained in the NAMEREC file, do not match the value contained in the IMS load module.

Verify the configuration id, the assignment of the NAMEREC file in the IMS execution job control stream, and the assignment of the load library in the IMS execution job control stream. If necessary, rerun the configuration job.

IMS STARTUP ERROR - program name PROGRAM SIZE TOO LARGE
This action program load module when rounded upwards to a 256-byte boundary is greater than the maximum of 65,280 bytes.

IMS start-up will continue and the action program will be marked down. The action program will not be available and should not be used.

Recode the action program so that it does not exceed 65,280 bytes when linked.

IMS STARTUP ERROR - RESTART YET NO PREVIOUS SHUTDOWN
One or more of the IMS restart records in the NAMEREC file is missing. This message is valid only for multithread IMS.

Change the IMS execution job control stream PARAM from // PARAM RESTART to // PARAM START. Make sure that IMS has been successfully shut down before attempting to use RESTART.

PC003 filename IPC INTER ERR - AP INTERFACE ERR CODE=error-code
An Interprocess control facility (IPC) error has occurred in the interface to the application program. This is a class 3 error. The IPC class 3 error-codes are described in Appendix K.

PC004 filename IPC INTER ERR - CONVERSATION ABRT CODE=error-code
An interprocess control facility error has occurred, which has resulted in a conversation abort. This is a class 4 error. The IPC class 4 error-codes are described in Appendix K.

IPC010 filename IT INTER ERR – AP INTERFACE ERR CODE=error-code
An image transformation interface error has occurred in the interface to the application program. This is a class 10 error. The interprocess control facility class 10 error-codes are described in Appendix K.

IPC128 filename IPC PROT ERR – IPC REQUEST ERROR CODE=error-code
An interprocess control facility protocol error has occurred, which results in an error to the request for IPC services. This is a class 128 error. The IPC class 128 error-codes are described in Appendix K.

IPC129 filename IPC PROT ERR – SYSTEM ERROR CODE=error-code
An interprocess control facility protocol error has occurred because of a system error. This is a class 129 error. The IPC class 129 error-codes are described in Appendix K.

IPC130 filename IPC PROT ERR – RECOVERY ERROR CODE=error-code
An interprocess control facility protocol error has occurred. This is a recovery error (class 130). The recovery facility is down.

Contact your local Sperry representative.

IPC131 filename IPC PROT ERR – ACCESS ERROR CODE=error-code
An interprocess control facility protocol error has occurred. This is an IPC access error (class 131). The program issued invalid data.

Contact your local Sperry representative.

IPC132 filename IT PROT ERR – USER REQUEST ERROR CODE=error-code
An interprocess control facility protocol error has occurred in the request for the associated IPC user. This is a class 132 error. The IPC class 132 error-codes are described in Appendix K.

IPC140 filename IT PROT ERR – IT REQUEST ERROR CODE=error-code
An image transformation protocol error has occurred, which results in an error to the request for image transformation services. This is an interprocess control facility data presentation protocol error (class 140).

If unable to correct the error, contact your local Sperry representative.

IPL02 IPL TERMINATED ABNORMALLY ERROR CODE=error-code
IPL was not successful due to error-code specified.

See Appendix A for error-code explanation and operator action.

IPL03 CORRECT ERROR AND RE-IPL TO CONTINUE
This is displayed as the second line of all IPLnn error messages.

Correct the error and IPL again.

IPL04 IPL DEVICE NOT CONFIGURED
IPL was attempted using an invalid device address.

Retry IPL and enter valid device address.

IPL05 INVALID OR MISSING VOL 1 LABEL
IPL was attempted from a nonsystem disk.

Retry IPL from a valid system disk.

PL06 INVALID OR MISSING FORMAT 4 LABEL
IPL was attempted from a nonsystem disk.

Retry IPL from a valid system disk.

PL07 FORMAT 4 ERROR DL$BK4=0
IPL was attempted from a nonsystem disk.

Retry IPL from a valid system disk.

PL08 UNEXPECTED DISK I/O ERROR
I/O error encountered on disk during IPL.

Retry the IPL. If error persists, take a system dump and refer to the System 80 operator maintenance guide, UP-8915 (current version).

PL09 MISSING YTRAN FORMAT 1
IPL was attempted from a nonsystem disk.

Retry IPL from a valid system disk.

PL10 ERROR LOADING SUPERVISOR ERROR CODE=error-code
IPL was not successful due to error-code specified.

See Appendix A for error code explanation and operator action.

PL11 LOAD DEVICE HAS NO MATCHING PUB IN SUPERVISOR
IPL was attempted from a device address not configured in the system.

Check the system configuration generated, and, if in error, re-SYSGEN to correct the problem. Otherwise, refer to the System 80 operator maintenance guide, UP-8915 (current version).

PL12 MISSING YLOD FORMAT 1 LABEL
IPL was attempted from a nonsystem disk.

Retry IPL from a valid system disk.

PL13 SUPERVISOR NOT FOUND IN LOAD LIBRARY
The supervisor was not found during IPL.

Retry IPL with another supervisor.

PL14 DEVICE device-id STATUS status-bytes SENSE sense-bytes R*?**
Specifies that a hardware I/O error is detected. The device-id is displayed, together with the first two status bytes and six sense bytes.

Respond with R to retry the error.

PL15 INVALID MEMORY SIZE DETECTED FOR CONFIGURATION
IPL detected more than eight megabytes of main memory, the maximum supported by model 10.

Retry IPL with valid memory configuration.

IR01 MISSING OR INVALID // DATA STATEMENT

The input card deck is either missing a required // DATA card or the format of the // DATA card is invalid. The card file cannot be spooled until a valid // DATA card is provided.

IR02 SPOOL FILE filename CREATED

Displayed each time a spooled input subfile is created successfully. The file name specified on the associated // DATA card is inserted into the message.

No operator action is required.

IR03 SPOOL FILE filename DELETED

Indicates that an I/O error, spooler error, or an error which prevented the successful closing of the named input subfile occurred; thus, the specified spooled input subfile was deleted from the spool file.

Try to respool the card file. If the error condition persists, contact the Sperry customer engineer.

IR04 ERROR IN SPOOL FILE subfilename ENTER
Displayed when an input card file cannot be entered into the input spool subfile because of an I/O or internal spooler error.

Try to respool the card file. If the error condition persists, contact the Sperry customer engineer.

IR05 ERROR // RU CARD IGNORED
The input card data contains an invalid // RUN job control statement.

The // RUN statement should be corrected and then the card file respooled, or the // RUN statement may be deleted from the card file and the intended job initiated from the console.

IR06 INPUT SPOOLER NOT CONFIGURED - COMMAND IGNORED
Displayed in response to an IN console command when the input reader spooling function is not supported by the supervisor in control of the system.

If input spooling is to be used, a supervisor configured to support this function must be in control of the system.

IR07 READER NOT CONFIGURED FOR 51/66 COLUMN CARD FEATURE
Reader assigned to input reader is not configured for 51/66 column card reads.

Set feature bits for card reader to conform to 51/66 column reader or SYSGEN to reflect proper reader.

IR08 MOUNT NEXT DISKETTE VOLUME FOR FILE ffffffff *YN*
An end-of-volume condition has been detected while the input reader function was accessing the current diskette containing the file ffffffff.

Mount next diskette volume which contains an allocated file ffffffff. Respond with Y if mount is acceptable, N if not acceptable. If N is entered, the spool subfile will be closed and indicated as the last entry within the logical file.

IR09 FILE ffffffff WAS NOT ALLOCATED FOR THE DISKETTE VOLUME
After mounting a subsequent volume in response to an IR08 message, the input reader function could not locate the desired data set label.

An IR08 message will be displayed again.

IR10 VOLUME SEQUENCE ERROR FOR FILE ffffffff ON VOL vvvvvv
After mounting a subsequent volume in response to an IR08 message, the input reader function detected a volume sequence error for the file specified by ffffffff on volume vvvvvv.

An IR08 message will be displayed again.

IS01 INTERACTIVE SERVICES READY
The system is ready to process commands from workstation and terminal users.

This is an informational message; no action is required.

IS02 DOPEN: INVALID KEYWORD SPECIFIED
An invalid keyword was passed on the file parameter string.

Correct and reenter the command.

IS03 DOPEN: INVALID SYNTAX, INVALID SPACE DETECTED
A space was detected in the file parameter string at a location where none was allowed.

Correct the parameter string by removing the space and reenter the command.

IS04 DOPEN: INVALID SYNTAX, NUMERIC CHARACTER EXPECTED
A nonnumeric character was detected in a field restricted to numeric characters.

Correct the error and reenter the command.

IS05 DOPEN: INVALID SYNTAX, KEYWORD MUST BE "YES" OR "NO"
A value other than YES or NO was entered for a file parameter keyword requiring either a YES or NO entry.

Enter either YES or NO to correct the parameter and reenter the command.

IS06 DOPEN: INVALID SYNTAX, TOO MANY CHARACTERS IN PARAMETER
A file parameter exceeds the maximum permissible number of characters.

Correct the parameter by reducing it to the maximum permissible number of characters, and reenter the command.

IS07 DOPEN: INVALID SYNTAX, QUEUE TYPE INCORRECT
A file parameter containing an invalid spool queue type was entered.

Correct the parameter by entering a valid spool queue type and reenter the command. The following are the valid queue types: LOG, PRINT, PUNCH, RDR, JCS.

IS08 DOPEN: INVALID SYNTAX, DEVICE TYPE INCORRECT
A file parameter was entered containing an invalid device type.

Correct the parameter by entering a valid device type and reenter the command. The following are the valid device types: DISKETTE, PRINT, PUNCH, RTR, TAPE.

IS09 DOPEN: VOLUME NAME NOT SPECIFIED, FILE NOT IN CATALOG
No volume name (volume serial number) was specified in the file parameter string, and the volume name could not be obtained from the file catalog.

Supply the necessary volume name and reenter the command.

IS10 DOPEN: INVALID RIB, SPECIFIED STRING LENGTH TOO LONG
A variable-length string contains an invalid length field.

Correct the program and retry.

IS11 DOPEN: INVALID RIB, BIT VALUE SPECIFIED INCORRECTLY
A bit field in the RIB (resource information block) was specified incorrectly.

Correct program and retry. The bit value should be X'00' for NO, X'01' for YES.

IS12 ENTER QUEUE FULL, ENTER REJECTED
There are already as many ENTER tasks active as are permitted on the system at one time. Your ENTER task is rejected.

Reenter the command at a later time.

IS13 DOPEN: PASSWORD/ACCESS ERROR: READ AND WRITE PROHIBITED

The passwords specified in the file parameter string do not allow access to the file. There are two possible causes for this:

1. Both the read and write passwords are invalid or were omitted.
2. The password entered is valid, but it does not allow the type of access called for by the command. For example, a *read* password was entered when the command required *write* access to a file.

Enter the correct password and retry the command.

IS14 DOPEN: UNABLE TO ACQUIRE REQUIRED DEVICE

The command requires a device or volume that is currently unavailable.

Contact the system operator to determine why the device or volume required is unavailable, and when it will become available.

IS15 DOPEN: PARAM GIVEN TWICE (AS POSITIONAL AND KEYWORD)

A file parameter was specified twice in a parameter string as both a positional parameter and as a keyword parameter, or a keyword was specified twice.

Correct the parameter string by removing the duplicate parameter and reenter the command.

IS16 DOPEN: SPECIFIED FILE NOT FOUND, COULD NOT BE ALLOCATED

The file specified does not exist, or the file specified is not allocated because the error occurred on an input-only operation or the SIZE parameter was not specified.

Check the spelling of the filename and correct it if misspelled.

If the command that produced this message was the ALLOCATE command, add the SIZE=n parameter to allow the file to be allocated.

IS17 DOPEN: INVALID TYPE SPECIFIED, MUST BE: N, Y, OR L

Something other than N, Y, or L was entered as the file retention parameter.

Correct the parameter by entering N (not held), Y (held), or L (log held) and reenter the command.

IS18 DOPEN: SPECIFIED SPOOL QUEUE IS NOT AVAILABLE

The spool queue (LOG, PRINT, PUNCH, RDR, or JCS) specified in the command has not been generated on this system.

Correct the command by entering another spool queue, and reenter the command.

Contact the site administrator to ascertain whether the spool queue that was unavailable can be generated on the system for future use.

IS19 LOGON ACCEPTED AT hh:mm:ss ON mm/dd/yy, REV rr.l.sss

The LOGON command has been accepted by the system and an interactive processing session has been initiated. The time and date of session initiation are displayed, along with the revision level of the operating system.

This an informational message; no action is required.

IS20 THE VALUE OF KEYNO IS INVALID FOR THE SPECIFIED FILE
The KEYNO parameter specified for the file does not exist in the file.

Reenter the command with a valid KEYNO parameter.

IS21 INSUFFICIENT MEMORY TO LOAD
There is not enough main storage space available in the system to support workstations.

Try to load interactive services at a later time, when more main storage is available.

IS22 OS/3 INTERACTIVE SERVICES
This message is displayed at the workstation after the LOGON command has been entered, and remains until the system finishes the LOGON command. When processing is completed, another message will be displayed indicating acceptance or rejection of the LOGON command.

This is an informational message; no action is required.

IS23 INVALID FORMAT FOR THE LOGON COMMAND, RE-ENTER LOGON
The LOGON command was entered incorrectly. The following are errors that could have caused the LOGON to be rejected:

1. User ID is greater than six characters.
2. No user was entered.
3. There is an incorrect keyword (BULLETIN and LOG are the only ones permitted).
4. An invaid delimiter was entered with the command.

Correct and reenter the command.

IS24 LOGON PARAMETERS NOT IN USER PROFILE, RE-ENTER LOGON
One or more of the LOGON command parameters could not be found in the user profile directory. Request to LOGON is denied.

Reenter the command with valid parameters.

IS25 INVALID DEVICE SPECIFIED ON command COMMAND
The ERASE, VTOC, ALLOCATE, or FSTATUS command was entered with other than a disk or diskette device specified.

Reenter the command with a valid device type (disk or diskette).

IS26 USER HAS NOT LOGGED ON YET, PLEASE ENTER "LOGON"
Commands may not be entered until the terminal/workstation has been properly logged on to the system. The LOGON command must have at least a user ID entered with it.

Reenter the LOGON command with a valid user ID and the bulletin option if desired.

IS27 TODAYS BULLETIN IS:
The current LOGON bulletin will follow this message.

This is an informational message; no action is required.

IS28 ANOTHER USER WITH THE SAME ID IS ALREADY LOGGED ON
Another user is already logged on to the system with the user-ID just entered. All user-IDs must be unique.

Reenter the LOGON command with another user-ID or wait until the other user has logged off and reenter the LOGON command with the original user-ID.

IS29 SYSTEM ERROR error-code: COULD NOT PROCESS YOUR COMMAND
An internal error has occurred while processing the most recent command entered. The command may not have completed execution.

Reenter the command. Consult Appendix A for the meaning of the error-code. Notify the site administrator if the error persists.

IS30 SYSTEM ERROR error-code: USER COULD NOT BE LOGGED ON
An internal error has occurred while the system was processing the LOGON command. The user has not been logged on.

Retry the LOGON command. Consult Appendix A for the meaning of the error code. Notify the site administrator if the error persists.

IS31 INVALID OPTION FOR command COMMAND
An invalid option was specified as part of the specified command.

Reenter the command with only valid options.

IS32 SYSTEM ERROR: COULD NOT COMPLETE ASK/TELL COMMAND
The TELL or ASK command could not be performed. This message could be displayed because of a hardware error.

Retry the command. If the problem persists, notify the site administrator.

IS33 {RESUME / SCREEN} COMMAND IS NOT ALLOWED NOW
If RESUME, the RESUME command may only be used when a subsystem such as EDT has been interrupted.

If SCREEN, the SCREEN command is not allowed from an ENTER file or the system console.

IS34 ILLEGAL COMMAND HAS BEEN ENTERED, IGNORED
A command has been entered that the system does not recognize. The command entered may not be one of the OS/3 interactive commands, or it may be a valid command spelled incorrectly. This command also appears if a BRKPT, DELETE, DISPLAY, FILE, IN, PD, SU, or TU command is issued as part of an ENTER stream.

Check command validity and spelling; correct the command and reenter.

IS35 SYSTEM ERROR: COULD NOT ACCESS WORKSTATION
This message will follow a data management error message. It results from an I/O error that occurred while the system was reading from or displaying to the workstation. It could also be produced by an invalid attempt to change the workstation characteristics with a SCREEN command.

Retry the command. If the problem persists, notify the site administrator.

IS36 AMBIGUOUS ABBREVIATION, ENTER FULL SPELLING
The spelling of the command or keyword was not unique, or was abbreviated incorrectly.

Reenter the command with keywords fully spelled out.

IS37 THE "ID" FOR THE REMOVE KEY-IN WAS NOT FOUND
A REMOVE command has been entered that cannot be processed. If a user ID was entered with the REMOVE command, the user was not logged on at the time REMOVE was entered. If a task ID was entered with the REMOVE command, the task specified was not active at the time REMOVE was entered. If the ALL option was entered with the REMOVE command, no users were running on the system at the time REMOVE was entered.

Reenter the command with a valid user or task ID.

IS38 INVALID KEYIN
An invalid unsolicited keyin has been entered at the console.

Correct and reenter the unsolicited keyin.

IS39 SHUTDOWN IN PROGRESS, WAITING FOR USERS TO FINISH
This message is directed only to the system console. The command entered to shut down interactive services is waiting for all users to finish their processing before completely shutting down interactive services.

This is an informational message; no action is required.

IS40 YOU ARE ALREADY LOGGED ON, PROCEED
A LOGON command was entered at a workstation already logged on to the system.

Check the user ID to be sure the workstation is logged on with the same user ID.

IS41 FILE PARAMETERS ARE REQUIRED FOR THIS COMMAND
The command requires that a file be defined for access. The name of the file to be accessed by the command must be supplied.

Enter the file parameter string required by the command.

IS43 LOGON ALREADY IN PROGRESS, SWITCH TO WORKSTATION MODE
The workstation user has entered a second LOGON command while the first is still being processed. The second LOGON will be ignored. Allow the first to finish.

If the workstation is not in WORKSTATION mode, switch to that mode. In many cases, the system will have displayed the LOGON menu and is waiting for the user to fill in the blanks and transmit it.

IS44 EXECUTION PROFILE NAME IS NOT LISTED, DEFAULT USED
Your LOGON command or entry to the LOGON menu contained an execution profile name that cannot be found by the system in your user profile. The default execution profile specified in your user profile is substituted, and your LOGON is accepted.

This is an informational message.

IS45 REPLY REJECTED - SPECIFIED VALUE OUT OF RANGE

An invalid reply has been given to the security maintenance utility (SMU) dialog. The dialog will display to you numbered responses to a dialog message. You choose one and enter its number. This message appears if you enter a number that does not correspond to a response.

The request for a response will be reissued by the dialog. Enter a valid response.

IS46 ERROR CODE error-code ENCOUNTERED CONNECTING TO ICAM

Interactive services encountered an error during an attempt to connect to ICAM (integrated communications access method).

Check to make sure ICAM is loaded in the system. Check to make sure the proper version of ICAM is loaded to correspond with the version of the supervisor loaded.

If the error persists, contact your Sperry customer engineer.

IS47 COMMAND NOT PERMITTED FOR USER ID

The user attempted to use a command that is not included in his user profile. He is not permitted use the command.

This is an informational message; no action is required.

IS48 MESSAGE FOR OPERATOR TOO LONG, SHORTEN TEXT AND RE-ENTER

The message text attached to a TELL or ASK command was too long (over 48 characters) and was not displayed.

Reenter the command with a shorter text.

IS49 SCREEN OPTION INVALID WHILE WORKSTATION IS ALLOCATED

The option you selected from the SCREEN command cannot be used while the workstation is allocated to a job or interactive utility because the information on the screen would be lost.

Wait for the workstation to become free and reissue the command. It is usually easier to issue the SCREEN command at the beginning of a screen.

IS50 A name MUST BE 1 TO x ALPHANUMERIC CHARS

The security maintenance utility dialog has received an invalid response. It may be invalid for the following reasons:

1. The name entered was less than one alphanumeric character long.
2. The name entered was greater than the maximum length permitted.
3. The name entered contained characters other than alphanumeric.

The dialog will reissue the request for a response - enter a valid response.

IS51 ERASING ENTIRE FILE, PROCEED? (Y,N)

This message appears following the entry of an ERASE command in which the erasure of an entire file is specified. This message allows the user to reconsider the erasure, and helps prevent the accidental erasure of files.

Enter a Y to erase the file. Enter an N to terminate the command without performing the erasure.

IS52 ERROR ATTEMPTING TO ACCESS SECURITY FILE
The security maintenance utility (SMU) file manipulation routine encountered an error while accessing the security file.

If the error persists, contact your Sperry customer representative.

IS53 SYSTEM FILES CANNOT BE ERASED, COMMAND TERMINATED
The ERASE command does not permit any system files to be erased. System files include files with filenames beginning with "Y" on the SYSRES pack, YRUN files, and system scratch files.

This is an informational message; no action is required.

IS54 NO DELETED ELEMENTS HAVE BEEN FOUND TO RECOVER
A RECOVER command was entered for an element that does not exist in deleted form on the system.

This is an informational message; no action is required.

IS55 NEW-NAME ALREADY EXISTS, RE-ENTER
The module name for the recovered module already exists in the file. Duplicate module names are not permitted in libraries.

Pick a new name and reenter the command.

IS56 ENTER "ELEMENT-NUMBER", "NEW-NAME", OR "STOP"
This message appears as part of the RECOVERY command. It prompts the user to enter either the information necessary to effect the recovery of a deleted module, or to terminate the command.

To recover a module, enter the number corresponding to the version of the module you wish to recover, and a new name for the module. The number and name must be separated by a comma. To terminate the command, enter STOP.

IS57 INVALID RESPONSE TO "RECOVER" COMMAND, RE-ENTER
This message appears because invalid information was entered in response to message IS56. The correct response to IS56 is a module number and a new module name, or STOP to terminate the command.

Correct and reenter the response, or enter STOP to terminate the command.

IS58 ELEMENT NUMBER DOES NOT EXIST, RE-ENTER
No module corresponds to the number entered in response to message IS56. Only those numbers shown in the module directory can be used.

Reenter response with a valid number.

IS59 INVALID EXTENT TYPE SPECIFIED ON ALLOCATE
An incorrect extent type was entered as part of the ALLOCATE command.

Reenter the command with a valid extent type.

IS60 REMOTE ACTIVITY TERMINATED,EC=error-code RECEIVED FROM ICAM
Interactive services has received the error-code listed in the message from the integrated communications access method (ICAM). The code indicates the type of error detected by ICAM. Interactive support of remote terminals is terminated.

This is an informational message.

IS61 ADD OPERATION REJECTED, module-id ALREADY EXISTS
The module-id specified to be added to the security file already exists in the security file.

Check the module-id entered to make certain it is correct. If it is not, correct it and retry the operation.

IS62 SYSTEM ERROR: COULD NOT OPEN THE BULLETIN FILE
The system has attempted to open the BULLETIN file to display the logon bulletin and was unsuccessful. The bulletin is ignored, and normal processing continues.

This is an informational message; however, if the error persists, inform the site administrator.

IS63 SYSTEM ERROR. I/O ERROR WHILE READING THE BULLETIN FILE
The system has detected an I/O error while reading records from the bulletin file. The rest of the logon bulletin is ignored, and normal processing continues.

This is an informational message; however, if the error persists, inform the site administrator.

IS64 INVALID FORMAT FOR THE LOGOFF COMMAND
When the LOGOFF command was entered, something else was entered with it. Nothing may be entered after the word "LOGOFF" in a logoff request.

Reenter the LOGOFF command alone.

IS65 NO USERS LOGGED ON
A STATUS command has been entered and there are no workstations logged on to obtain the status of. The command is terminated.

This is an informational message; no action is required.

IS66 INVALID "KEY" KEYWORD (KEY1,...,KEY5)
The "KEY=" keyword file parameter is invalid.

Correct the parameter and reenter the command.

IS67 (user-id):(message-text)
This message appears on a workstation, terminal, or the system console when another user has sent a message via the ASK or TELL command. The user to whom the message is directed will see this message. It will consist of the message number (IS67), the user ID of the user sending the message, and the message text. If 0X? precedes the message number, the message requires a response.

Respond to the message if necessary.

IS68 COPY COMMAND REQUIRES "TO" KEYWORD
The COPY command format requires that the word "TO" be placed between the input and output file parameters (for example, COPY file-a TO file-b). The TO keyword was not specified.

Reenter the command, including the TO keyword.

IS69 DELETE/UPDATE OPERATION REJECTED, module-id NOT FOUND
A module was specified to be deleted from the security file or updated. The module ID was not found in the security file.

Check the module ID to make certain it is valid. If it is not, correct it and retry the operation.

IS70 NO NEW USERS ARE ALLOWED TO LOGON NOW, TRY AGAIN LATER

The system operator has entered a CLOSE unsolicited keyin, which prevents new users from logging on to the system. When the system operator removes this restriction, new users will be able to log on.

Wait to log on until the system operator opens the system to new users.

IS71 TERMINAL LIMIT HAS BEEN REACHED, TRY AGAIN LATER

The terminal limit, as defined at the time the system was generated, has been reached. No new users will be allowed to log on until another user logs off.

Wait until another user logs off before attempting to log on.

IS72 FIRST COMMAND NOT LOGON, ENTER REJECTED

A file of commands to be entered into the system via the ENTER command did not begin with the LOGON command. The file was not entered.

Correct the file by making the first command LOGON and retry.

IS73 LOGOFF ACCEPTED AT hh:mm:ss ON yy/mm/dd

A LOGOFF command has been accepted and processed. The workstation is logged off, and another LOGON command must be entered before it may be used again.

This is an informational message; no action is required.

IS74 LOGOFF IGNORED, INTERACTIVE COMMAND STILL ACTIVE

The LOGOFF request cannot be honored because the system is still processing commands entered before the LOGOFF request.

Allow all outstanding commands to be completed, make certain WORKSTATION mode is unused and reenter the command.

IS75 xxxxxxxx CANCELLED, MODE=yyyyyyyyyyy, ERROR CODE=zzz

where:

xxxxxxxx
Is the command.

yyyyyyyyyyy
Is the interactive or batch mode.

zzz
Is the error code.

A subprogram running on behalf of the user was cancelled. The error-code is also shown in the message. Cancellation may result from either intervention by the system operator or a processing error.

Retry the command. If the error persists, first contact the system operator to find out if he is cancelling the subprogram, and why. If he is not, contact the site administrator.

IS76 SECURITY ADMINISTRATOR'S ID IS NOT IN YSEC

This message is displayed when there are no entries in the security file (YSEC) - typically, the first access to the security maintenance utilty (SMU) after the system is created.

This is an informational message; no action is required.

IS77 LOGOFF FORCED BY CONSOLE OPERATOR, USER CANCELLED

The system operator has entered a REMOVE command against your workstation session. All functions for your terminal or workstation are cancelled, and you are logged off. User jobs initiated from your workstation will complete, however.

Contact the system operator to find out why your session was cancelled, and when you may resume use of the workstation or terminal.

IS78 command-name COMMAND STILL ACTIVE, WAIT FOR IT TO FINISH

The command just entered is already active and being processed. If the command is entered again, before the first finished, the output of the two is combined, causing confusion.

Wait for the first entry of the command to finish and then reenter it.

IS79 DOPEN: FILENAME MISSING; REQUIRED FOR DISK FILES

The file parameter string entered with the command did not include a filename. This is required for disk files.

Correct the parameter string and reenter the command.

IS81 CANNOT FREE DEVICE - IN USE BY INTERACTIVE UTILITY

The WORKSTATION mode of the workstation is currently assigned to an interactive utility program such as the general editor. It cannot be "freed" at this time.

Finish the utility program and allow it to terminate. The device will then be "freed" for other purposes.

IS82 SELECTED SCREEN OPTION CAN ONLY BE SET FROM W/S MODE

The UPPER/LOWER and ROLL/SCROLL/WRAP/NOROLL options of the SCREEN command cannot be set in system mode when workstation mode is connected to a program.

You may set the above SCREEN options when the general and RPG II editors, distributed data processing (DDP), and BASIC system programs are running. For example, to set these options when the general editor is active, enter the @SYSTEM command with the SCREEN command and the options you wish as parameters. Consult the appropriate manuals for information on DDP and BASIC commands to accomplish this.

IS83 FSTATUS FINISHED, xxxxx ELEMENTS WERE DISPLAYED

The FSTATUS command has completed processing. This message informs the user how many modules were listed by the FSTATUS command. If zeros are displayed, either the file is empty, or no modules having the specified prefix and type exist.

This is an informational message; no action is required.

IS84 MODULE TO BE COMMENTED COULD NOT BE FOUND

The module specified in the COMMENT command could not be found in the file specified. The command is ignored.

Check the spelling of the module name and that the correct module type has been specified. Correct the command if it is found to be in error and retry.

IS85 LOGON REJECTED, COULD NOT PROCESS LOGON-OPTIONS-MENU

An I/O hardward error was detected during the processing of the LOGON menu screen. The system rejects the attempt to log on.

Retry the logon attempt. If the problem persists, contact your site administrator.

IS86 INVALID FORMAT FOR THE ASK OR TELL COMMAND
An ASK or TELL command was entered incorrectly.

Correct the command according to the following rules and reenter.

1. User ID, if included, must be from one to six characters long.
2. Message text must be preceded and followed by apostrophes.
3. Nothing may follow the apostrophe after the message text.
4. The user ID and the apostrophe preceding the message text must be separated by a comma.
5. The user ID may not begin with the "$" character.

IS87 USERID SPECIFIED IN ASK OR TELL IS NOT ON THE SYSTEM
The user ID given on an ASK or TELL command was not that of a user on the system at the time the command was issued. The user may have logged off.

Check the list of users currently on the system by using a STATUS command with the keyword TERMINAL. Correct and reenter the command.

IS88 FILE LOCK: filename
The file requested by the user is currently in use, and is locked.

This is an informational message; message IS89 is displayed immediately following this message.

IS89 CONTINUE WAITING FOR FILE LOCK? (Y OR N)
The file name given in message IS88 is currently locked.

Enter Y to continue waiting (3 minutes), N to terminate the command, or the number of minutes you wish to wait. When the time is up, the message will be repeated.

IS90 command-name COMMAND TERMINATED NORMALLY
This message is displayed when commands finish normally.

This is an informational message; no action is required.

IS91 COULD NOT REMOVE USER user-id, WORKSTATION STILL IN USE
The user specified by the user-id in the message could not be logged off by the operator.

This message can appear following the entry of the REMOVE command specifying a particular user-id or all users (REMOVE ALL).

Cancel jobs using the workstation and retry the REMOVE command.

IS92 INVALID DEVICE SPECIFIED FOR VTOC
A storage medium other than disk or diskette was specified in the parameters for the VTOC command. No valid VTOC (volume table of contents) is available to be read.

This is an informational message.

IS93 ENTER CONTINUATION

This message prompts you to enter a continuation line because the command just entered ended with a dash. Whenever a command ends with a dash, the system expects the command to be continued on the next line of the workstation screen. The dash only acts as the continuation character if it is in the last character position of a line. If it is in any other position, it will be considered part of the command string.

Enter the remainder of the command. Commands may continue for several lines if necessary, as long as each line except the final one ends with a dash. If this message is displayed and you decide not to enter any more text, send a blank command to the system. This is done by positioning the cursor on a blank screen line and pressing the XMIT key.

IS94 NO HELP IS AVAILABLE FOR {command / error-code}, SORRY.

You entered HELP, but there is no HELP text available for the specified command or error-code.

IS95 SHUTDOWN TERMINATING REMOTE ACTIVITY, OK? (Y OR N)

The system operator has entered a SHUTDOWN unsolicited keyin to terminate interactive services while remote activity (such as DDP or support of remote terminals as workstations) is still in progress. The SHUTDOWN request can be either continued or ignored.

To continue the shutdown of interactive services, enter Y. All remote activity will be terminated immediately. To allow remote activity to continue, enter N. The SHUTDOWN command will be ignored.

IS96 USER user-id LOGGED{ON / OFF} {INTERACTIVE / BATCH}

This is an informational message notifying the operator that a user has just logged on or off and whether the logon is interactive or batch.

IS97 BAD FORMAT FOR MENU COMMAND

The MENU command was entered with an invalid operand. The menu name may consist of no more than eight characters.

Correct the MENU command and retry.

IS98 MENU COMMAND NOT ALLOWED FROM CONSOLE OR ENTER

The MENU command requires the data mode of a workstation. It cannot be used at the console or in a batch environment.

Use a workstation to enter the MENU command.

IS99 DOPEN: INVALID RCFM KEYWORD; MUST BE FIX OR VAR

The user entered an invalid value for the RCFM keyword. Valid values are FIX and VAR.

Correct and reissue the command.

IS100 file module EXISTS; OK TO WRITE TO IT? (Y, N)

The output file or library module already exists. The question gives the operator an opportunity to terminate the command without modifying the file.

Reply Y (yes) to continue the output operation. Reply N (no) to terminate the command and leave the file unaltered.

IS101 FILE OPERATION TERMINATED AT USER REQUEST
The previous command - COPY, @WRITE (EDT), SAVE (BASIC), etc - was terminated because the user replied 'NO'. Do not write to the file/module.

This is an informational message.

IS102 LOGOFF IGNORED, W/S STILL ALLOCATED TO A JOB
The user's LOGOFF request was rejected because his workstation is still being used by a job or interactive utility such as EDT.

Terminate the job, free the workstation, or terminate the interactive utility.

IS103 LOGOFF IGNORED, W/S MESSAGE REQUIRES A REPLY
The user's LOGOFF request was rejected because there is an unanswered question that requires a reply.

Answer the outstanding question. If it does not appear on the screen, a REBUILD command will display it.

IS104 command COMMAND IS NOT PERMITTED IN ENTER STREAMS
The specified command cannot be used from enter files.

Remove the reference to the command.

IS105 PROGRAM NOT RETURNED FROM MEMORY IN UP-LINE DUMP
In response to an upline recall request, no code was returned on the initial read from a UTS 400 terminal. This usually indicates that no code was loaded into terminal storage.

Reload the program and resubmit the ULD command.

IS106 ILLEGAL CHARACTER FOUND IN PROGRAM DURING UP-LINE DUMP
During the translation of data to dump format, a character other than 0-9 and A-F (hexadecimal digits) was discovered. The module terminated at this point.

Check the module for nonhexadecimal characters generated during assembling or compiling.

IS107 MEMORY START ADDRESSES NOT EQUAL IN DOWN-LINE LOAD
During downline loading, the start addresses A and B are not identical. They should always be the same because start address B is a redundant parameter used to ensure loading into random access storage at the proper address. This usually indicates a logic problem in the downline load command.

Contact your local Sperry representative.

IS108 MEMORY ADDRESS OUT OF RANGE FOR DOWN-LINE LOAD
The program load address was outside of available main storage.

Check the address to make sure it is in the programmable range for the device in use (A000-FFFF). Make sure that the appropriate segments of random access memory (RAM) are specified. (Refer to the Universal Terminal System 400 programmer reference, UP-8359 (current version).) Additional memory may need to be added to the terminal in use.

IS109 ILLEGAL CONTROL CODE FOUND IN DOWN-LINE LOAD
An illegal control code was found in a buffer and the block was not loaded. This usually indicates a logic problem in the downline load command.

Contact your local Sperry representative.

IS110 DOWN-LINE LOAD NOT DIRECTED TO A MASTER WORKSTATION
Downline loading must be directed to a master or primary workstation as opposed to a slave.

Rerun the DLOAD command on a master workstation.

IS111 TERMINAL REJECTED DOWN-LINE LOAD, MAY NOT BE PROGRAMMABLE
To make the terminal programmable, a P6 should be specified in the upper right corner of a screen after pressing the CONTROL PAGE key. The downline load is rejected.

Specify the appropriate segment of random access memory (RAM) to make the terminal programmable. Refer to the Universal Terminal System 400 programmer reference, UP-8359 (current version).

IS112 command MAY ONLY BE INITIATED FROM A UTS400 _ _ _ _ _
The command may only be issued from the terminals/workstations indicated in the message.

Enter the command on a UTS 400 or UTS 40 terminal as indicated.

IS113 NO FUNCTION KEYS DEFINED
The DEFKEY command was used to display a function key definition. but no keys were defined.

IS114 FUNCTION KEY NUMBER MUST BE F1-F22 or MSGW
The function key number on an I/S DEFKEY command is not F1, F2, ... F22 or MW or MSGW. The command is ignored.

Check the command format and enter the corrected command.

IS115 BAD FORMAT FOR command COMMAND
The specified command was entered incorrectly.

Check the command format and enter the corrected command.

IS116 COMMAND STRING TOO LONG OR MISSING DELIMITER(S)
The command being defined on an I/S DEFKEY command is invalid. Commands must not be more than 80 characters long and must begin and end with a quote or apostrophe. The command is ignored.

Check the command format and enter the corrected command.

IS117 FUNCTION KEY NOT DEFINED, CANNOT DELETE
The function key definition cannot be deleted because it was not previously defined.

Check the function key value and reenter.

IS118 MODULE NAME MUST BE WITHIN 8 CHAR'S IN DOWN-LINE LOAD
A module name can be no more than eight characters.

Correct the command parameter and reenter.

IS119 UP-LINE DUMP REQUIRES A MIRAM FILE
Upline dump supports only processing with MIRAM files.

This usually indicates an internal interactive services problem. Submit a Software User Report.

IS120 COMMAND REJECTED. STILL PROCESSING LAST COMMAND
The following commands are processed one at a time: SHUTDOWN, OPEN, CLOSE, REMOTE, and REMOVE. This message informs the operator that the most recent command was ignored.

Reenter the command.

IS121 module-name CANNOT BE LOADED, SYSTEM ERROR error-code
During initialization of interactive services, certain optional modules may be loaded into main storage. If a system error occurs or if the symbiont is too small, the module is not loaded. The loadable modules are WS$WKS (remote workstation processing, WS$TRM (UNISCOPE processing), and DD$ICM (DDP communications interface).

Refer to Appendix A for an explanation of the error code.

IS122 ERROR error-code ON SESSION session-id
A communications I/O error has occurred on the specified session. The error code is the MCT status. The possible error codes are:

11	Line down or not opened.
12	Terminal or device down or not available.
21	Input parity/block check error.
40	Auxiliary device down.
41	Output parity/block check error.

The session is aborted. Line connection may have to be reestablished. Reissue the $$SON command. If the problem persists, contact your local Sperry representative.

IS123 LOAD IN PROGRESS
The program is being loaded.

This is an informational message. No action is required.

IS124 NO LOAD MODULE NAME EXPECTED
You entered an EXECUTE command without a program name. A valid program name, one to six characters long, must follow the command verb, separated from it by a single space.

Reenter the EXECUTE command with a valid program name.

IS125 CANNOT CANCEL - INTERACTIVE JOB
You cannot cancel an interactive job while a program you called with the EXECUTE command is active. The program is cancelled but the job is not.

This is an informational message.

IS126 EXECUTE COMMAND TERMINATED
A program called by the EXECUTE command while in the interactive job environment has terminated.

This is an informational message. You may enter another EXECUTE command at this point.

IS127 LOAD MODULE NAME TOO LONG
The program name you specified in an EXECUTE command is longer than six characters.

Consult the link map for the correct program name if necessary, and reenter the command.

IS128 EXECUTE COMMAND NOT ALLOWED NOW: WORKSTATION IN USE
The EXECUTE command may not be issued if the workstation is in use. The command is ignored and processing continues.

Issue the command when the workstation is not in use.

IS129 EXECUTE COMMAND ENCOUNTERED ERROR CODE error-code
A system error was encountered during an attempt to load the user's program. If the error-code is 51, the program was not found or was spelled incorrectly; if code is 5B, insufficient main storage was available to run the program. Other error-codes are explained in Appendix A.

Correct the problem and rerun the job.

IS130 MEMORY MAP CHANGED - ACTION NOT COMPLETE. TRY AGAIN
The memory map has changed and the current command is unable to complete successfully.

Reenter the command.

IS131 LIBRARY MODULE IS ILLEGAL ON VTOC COMMAND
A library module name or type was specified on the VTOC command. Only a file name may be specified on the VTOC command.

Reenter the VTOC command with a file name but no library module name or type.

IS132 READY TO LOAD, AUXILIARY DEVICES ARE ALLOCATED
Your system has allocated all of the auxiliary devices necessary to offline load your program to the UTS 400 terminal or UTS 40/40D workstation manually from an auxiliary device such as a diskette. You may now manually load your program. Remember to issue an UNLOAD command after the program terminates to free all of the auxiliary devices your system allocated to your program.

This is an informational message only; no action is required.

IS133 AUXILIARY DEVICES CANNOT BE ALLOCATED
Your system is currently using one or more of the auxiliary devices needed to downline load your program to a UTS 400 terminal or UTS 40/40D workstation.

Free the auxiliary device(s) your system is using, or wait until the device(s) is available. If you're downline loading your program using the interactive services DLOAD command, you may then do so. If you're offline loading your program from an auxiliary device such as a diskette, you may reissue the DLOAD /OFFLINE command to allocate the necessary auxiliary devices, then manually load your program. Note that whichever way you load your program, you should issue an UNLOAD command after your program terminates to free all the auxiliary devices that your system allocated to your prorgram.

This is an informational message; no action is required.

IS135 USER user-name IS NOT PERMITTED COMMAND command-name
A security violation has occurred. Your profile information restricts you from executing this command. You must request permission from the security administrator in order to use this command.

DELETION

Pages 2-174 through 2-188 are deleted.

JC01 **JOB jobname EXECUTING JOB STEP step-name # number**
Informational message only.

No action required.

JC02 **JOB jobname TERMINATED NORMALLY**
Informational message only.

No action required.

JC03 **JOB jobname TERMINATED ABNORMALLY. ERR number time**
The named job is terminated as a result of the error indicated in the error code (Appendix A).

Job Control displays the interrupt code and the lower four bytes of the current program status word (PSW) and enters them into the job log.

Correct according to error-code information and retry.

JC04 **JOB jobname TERMINATED BY JOB CONTROL**
An unrecoverable error encountered during step processor (JC11 and JC12) or job termination (JC13 and JC14) terminates the job. The reason is given in the error-code for those messages (Appendix A).

Correct according to error-code information and retry.

JC05 **USING DEV=did VSN=vsn DEV=did VSN=vsn**
Information message only. This message applies to premounted tapes or disks. More than one line may be issued depending on the number of device allocations.

No action required.

JC06 **USING DEV=did VSN=vsn**
Same as JC05.

JC07 **USING DEV=did TYPE=** {**PRNTR** / **PUNCH** / **READR**} **DEV=did TYPE=** {**PRNTR** / **PUNCH** / **READR**}
Information message only. Displayed when the reader, printer, or punch is being used by a job. More than one line may be issued depending on the number of device allocations. Only two device allocations may appear on a line.

No action required.

JC08 **USING DEV=did TYPE=** {**PRNTR** / **PUNCH** / **READR**}
Same as JC07.

JC09 **MOUNT DEV=did VSN=vsn DEV=did VSN=vsn GO?**
Displayed when a tape or disk device is not mounted that should be mounted, or the tape is not at load point. More than one line may be issued, depending on the number of device allocations. GO? at the end of the line indicates the last message. Mount all specified volumes on the specified devices. If a tape was mounted, the tape must be brought to load point to prevent possible canceling of the job.

Reply:

GO jobname

JC10 MOUNT DEV=did VSN=vsn GO?
Same as JC09.

If a new tape is mounted before a job step has completed, this message may be displayed without GO?. No response is required in this case.

If this message is issued by data management, the GO? is replaced by RIC, for which the reply should be R, I, or C.

If this message is issued by dynamic get device, the GO? is replaced by RC, for which the reply should be R or C (for retry or cancel).

JC11 {COMMAND / STEP PROCESSOR / TABLE INITIALIZER} ENCOUNTERED ERR error-code
This is a program or system failure message. The step processor, the table initializer, or one of the following commands encountered the error indicated: DI, DE, HO, BE, CH, FI. Error codes are described in Appendix A.

JC12 STEP PROCESSOR ENCOUNTERED ERR error-code IN FILE=filename
Same as JC11, except that the file name in which the error occurred is given.

JC14 JOB TERMINATION ENCOUNTERED ERR error-code IN FILE=filename
Same as JC13, except that the file name of the file in which the error occurred is given.

Correct according to error description in Appendix A and retry.

JC15 JSP ENCOUNTERED ERR error-code IN FILE=filename ON VSN=vsn
The error specified by the error-code was passed to the job step processor during file allocation. The name of the file in error is given together with the volume serial number of the volume on which the file was to be allocated. An error during file allocation is unrecoverable; therefore, job termination is called.

Correct according to error description in Appendix A and retry.

JC16 SCHEDULER ENCOUNTERED ERR error-code FOR JOB jobname
The specified job cannot be scheduled because of error number specified in message.

If message reoccurs, job should be deleted from job queue using DE command. Correct error; retry.

JC17 SPOOL IN READER FILE=file-id GO?
Notification a specific reader file may be spooled in.

One of two responses can be made:

1. IN - Spool in the specific reader.
   GO jobname - Continue the job jobname.
2. C - Cancel the job.

NOTES:

1. *If other readers are required, the JC17 message will be repeated with a new filename.*
2. *After all reader files have been spooled in, the new program will be executed.*
3. *Message JC17 will not appear if the operator spooled in reader files before user program execution (interjob-step time).*

JC18 **JOB jobname IS ACTIVE. QUEUE STATUS CANNOT CHANGE**
This message is displayed in response to DELETE, HOLD, BEGIN, or CHANGE command. Specified job cannot have its queue status changed because it is in execution.

No action is required.

JC19 **{DI, DE, HO, BE, CH, FI} COMMAND – INCORRECT PARAMETERS**
An incorrect parameter was specified in the indicated command or a required parameter was omitted.

Correct command and reissue.

JC20 **FILE PROCESSOR error-type ERROR**
The file processor has terminated for one of the following reasons, given by error-type:

OPEN	Either a problem opening the input card image file or the output library file. If for the output file, this message is preceded by a DM message describing the problem (usually because the file is in the VTOC). If for an input file, this message appears because the input diskette file was not found, the input reader spool subfile could not be located, or the FI command issued from a workstation tried to access the system card reader.
CATLG	A system error occurred when the file processor tried to access the catalog.
PSWRD	The output library file is protected with a write password, and either the password you specified is incorrect or you didn't specify one at all.
GEN	The specified output library file was in the catalog as a generation file with no current generation entry.
MOUNT	Either a disk volume you specified for the output library file is not mounted, or no disk drives are available for mounting that volume.
WRITE	An error occurred in writing data to the output library file; a message may precede this message giving the cause of the error.

READ — An error occurred in reading data from the input card image file; a message may precede this message giving the cause of the error. One common cause is a jammed card reader.

FREE — A system error occurred in deallocating the device containing the output library file.

CLOSE — A system error occurred in closing the input or output files.

JC21 ERROR IN JOB/PROC/NAME CARD

The FILE command has detected one of the following errors: the name of the job or procedure definition is missing or is greater than eight characters, or the JOB/PROC/NAME card is missing.

Correct the card and reissue the FILE command.

JC22 {DI, DE, HO, BE, CH, FI} COMMAND - JOB jobname NOT ON QUEUE

The job specified in the indicated command was not moved to a new queue because the queue is full.

Reissue command when queue is not full.

JC23 NO {QUEUED, LOCAL, REMOTE, WKSTN, UID=user-id} JOBS W/ {PREEMPTIVE, HIGH, NORMAL, LOW}

PRIORITY [HL] [HR] [HW] [HD]

The DI command found nothing to display. The first parameter of error message indicates whether request was for locally, remotely, or workstation-initiated jobs, for all jobs (QUEUED), or if the UID parameter was specified. The last three parameters of the error message indicate whether locally initiated jobs (HL), new remotely initiated jobs (HR), new workstation-initiated jobs (HW), or DDP jobs (HD) are to be put in a hold status.

Informational message.

JC24 CH COMMAND - NO ROOM IN QUEUE

The job queue cannot be changed because the new queue specified in the CH command is full.

Wait until a job from the new queue goes into execution or is otherwise removed, then reenter command.

JC25 CANNOT CHANGE QUEUE FOR JOB AWAITING SAVE

The job specified at CH command was not moved to a new queue because save processor is still at execution.

Reissue CH command after save function has processed job.

JC26 module-name FILED ON vsn IN file-label

This message is printed by the FILE command processor to indicate that the module specified has been successfully filed into the library specified in the message. Only the first 27 letters of the file label are displayed.

JC27 RESTART PROC ENCOUNTERED I/O ERROR ACCESSING CHKPT FILE

A read error has occurred while trying to read a checkpoint file on a restart operation. The job is cancelled. Error code A4 is returned.

Correct according to error description in Appendix A and retry.

JC28 RESTART PROCESSOR COULD NOT FIND CHECKPOINT

The desired checkpoint could not be located. This may be due to incorrect information in the RST job control statement, or by using the wrong checkpoint file. The job is cancelled. Error code A5 is returned.

Correct according to error description in Appendix A and retry.

JC29 RESTART PROCESSOR COULD NOT POSITION USER DATA TAPES

An I/O error has occurred while attempting to position your tape file during a restart operation. The job is cancelled. Error code A6 is returned.

Correct according to error description in Appendix A and retry.

JC30 RESTART PROCESSOR DETECTED INCOMPATIBLE SUPERVISOR IC?

Supervisor version and revision number of system where job is to be restarted is not equal to the version and revision number of supervisor of the system where checkpointing was taken.

Enter I to ignore the condition or C to cancel the job. Error A7 is returned.

JC31 RESTART PROC DETECTED INCOMPATIBLE CONFIGURATION IC?

The system being used to restart a job does not have the same capabilities (floating point, timer, etc) as the system, where the checkpoint was taken.

Enter I to continue processing, or C to cancel the job. Error code A8 is returned.

JC32 RESTART PROCESSOR DETECTED SYSTEM OR LOCKOUT CR?

The job to be restarted needs resources that are currently locked by the system.

Enter C to cancel or R to retry.

JC33 INSUFFICIENT SPACE IN YSYSTEMTABLES - CANNOT IPL

The YSYSTEMTABLES file is too small. After this message, the system will stop with HPR code 99100215.

Scratch and reallocate YSYSTEMTABLES on SYSRES with more disk space. Normally two 40-record tracks are sufficient.

JC34 FOR THIS WARM START, USE VSN vsn FOR YRUN

Use the specified volume serial number for the volume containing the job's YRUN file.

Retry. After this message, the system will stop with HPR code 99100211. (See Appendix D.)

JC35 **BAD {PREEMPTIVE / HIGH / NORMAL / LOW} PRIORITY JOB QUEUE, CANNOT RECOVER JOBS ON THIS QUEUE ARE BEING DELETED**

The specified job queue contains incorrect or inconsistent information. Jobs on this queue cannot be recovered. A cold start is done for this queue and an attempt is made to recover the jobs on the other job queues.

Must do normal system initialization with "N" option for job queue recovery and resubmit all queued jobs. The "N" option reinitializes the job queues; on the first IPL from a disk pack, the "N" must be used to initialize the job queues. After this message, the system will stop with HPR code 99100212. (See Appendix D.)

JC36 **ENTER SKIP PARAMETER (DISPLAY,CANC,STEP=,LABEL=, OFF,NONE)**

Allows workstation user to initiate a skip function at job run time. This message is issued in response to an OPTION QUERY job control statement.

Enter desired skip function or a null response.

JC37 **UPSI=byte QUERY LABEL=label**

This is an informational message displayed at the beginning of every job step when the UPSI byte is nonzero and the QUERY option is specified.

No action is required.

JC40 **INVALID INPUT RECORD LENGTH nnnn**

Specified record length invalid. File command processor requires input record length of 6 to 128 characters.

Correct and retry.

JC41 **— — MOUNT NEXT DISKETTE FOR FILE filename ON device *YNU***

An end-of-volume condition for a multivolume diskette input file has occurred. This message requests that one of the following actions be taken:

- If there is another volume, reply Y and mount next volume.
- If there are no more volumes, reply N and simulate end-of-file.
- If an error or other problem has occurred, reply U to simulate unrecoverable error.

JC42 **— — FILE filename NOT FOUND ON DISKETTE VOLUME vsn**

Incorrect diskette was mounted in response to a JC41 message - or a hardware error occurred.

Another JC41 message will appear; mount correct volume or take other action outlined in description of JC41.

JC43 **Dn VOL SEQ ERROR, FILE filename, DISKETTE VSN vsn**

An incorrect diskette volume in a multivolume diskette file sequence was mounted in response to a JC41 message.

Another JC41 message will appear; mount the correct diskette or take other action outlined in description of JC41. Mounted diskette will not be accepted.

JC44 {DE / HO / BE / CH} **COMMAND - JOB jobname DOES NOT HAVE YOUR USER ID**

Specified command was not processed because specified job does not have your user ID.

This is an informational message; enter correct user ID and retry.

JC45 **OPERATOR DELETED JOB jobname FROM SCHEDULE QUEUE**
The specified job was deleted from queue through a system console command.

This is an informational message issued to the workstation originating a command against the specified job.

JC46 {NO / nnnn} **JOBS DELETED**
This message specifies to the issuer of a DE command how many jobs were deleted.

This is an informational message.

JC47 **ACTIVE JOBS DELETED BY WARM START**
This message is followed by a list of jobs active in the system before IPL procedure with warm start was necessary; these jobs are deleted from the system.

Resubmit deleted jobs.

JC48 **NO SPACE TO ALLOCATE FILE filename ON VOL vsn R,C?**
There is not enough space on the specified volume to allocate the specified file.

Reply R to continue processing after making disk space available; C to cancel the job.

JC49 **ENTER RBP ICAM LOAD MODULE NAME (C1-C9/M1-M9)**
This message asks you to enter the name of the remote batch processing ICAM module you want loaded.

Enter load module name; allowable names are C1 through C9 and M1 through M9.

JC50 **NO RUN DEVICE VSN OR RUN VSN DUPLICATE OF RES VSN**
The VSN field for the system run library volume is cleared. This occurs when the system run library volume has the same volume serial number as the system resident library volume. After this message the system will stop with HPR code 99100213 (see Appendix D).

Use a run library volume with a different volume serial number.

JC51 **JOB jobname IS NOT RECOVERABLE, WARM START CONTINUES**
The specified job could not be recovered for warm start because either the run library could not be located or because the run library contained invalid or inconsistent data. The job is deleted and the warm start continues.

Use the correct system run library volume if possible, or perform normal system initialization and resubmit all queued jobs.

JC52 MOUNT VSN=vsn ANYWHERE. USABLE DEV=device-id RC? (UID)

This message is displayed when a required tape, disk, or diskette must be mounted. The volume can be mounted on the USABLE DEV or any other suitable device. In rare cases when job control cannot predetermine if volume is disk or diskette, USABLE DEV= may specify a disk for a diskette volume. Ignore this inconsistency and mount the volume on any suitable device. If job is initiated from a workstation, the UID is appended to the message.

Reply with R to retry or C to cancel.

JC53 CONFIRM YOUR REQUEST TO MOUNT VSN=vsn DEV=device-id YC?

This message is displayed to a workstation user to confirm the accuracy of the MOUNT message that is about to be displayed on the system console. The volume can be mounted on the recommended DEV= or any other suitable device. In rare cases when job control cannot predetermine if volume is disk or diskette, DEV= may specify a disk for a diskette volume. Ignore this inconsistency and mount the volume on any suitable device.

Reply with Y to continue or C to cancel.

JC54 JOB jobname CONTINUES AFTER ERR=error-code time

This is an informational message indicating that a job step terminated with the specified error-code. Execution continues because the EXEC job control statement contained the ABNORM= option.

JC55 {HO / BE} TOTAL JOBS number

This message states the total number of jobs on the job queue when a HOLD or BEGIN command is issued.

No action is required.

JC56 CH OF JOB jobname

Job priority for scheduling was changed for this job.

No response is required.

JC57 JOB jobname ERROR AT ADRS=aaaaaa LEN=b CC=cc IC=dd

If a job terminates with error-code 20, this message provides the address from the PSW (aaaaaa), the instruction length code (b), the condition code (cc), and the hardware interrupt code (dd). Note that the actual address of the instruction in error is usually the address from the PSW minus the instruction length.

No action is required.

JC58 JOB jobname CANNOT SCHEDULE UNTIL WKSTN user-id IS FREE

The specified workstation is presently connected to a job. Another job is waiting to be connected.

Free the workstation as soon as possible.

NOTE:

This message sometimes results from use of the system function menu (MENU command). Some of the programs available through the menu won't run until you leave the menu. To do so, acknowledge the JC58 message by pressing the transmit key. Then, return to workstation mode if you haven't already done so, and press the F15 function key. This action releases your workstation for use by the job given by jobname.

JC59 MOUNT VSN=vsn NOVOL ANYWHERE. USABLE DEV=device-id R/C/DEVID?

A required tape, disk, or diskette with no volume serial number (NOVOL) specified must be mounted. The volume can be mounted on the usable device. If the indicated device is not the proper device, the device-id of the other device must be specified.

Respond with an R if the usable device is acceptable, C to cancel, or the 3-digit device-id of the other device if the volume is mounted on other than the indicated device. For example: 300.

JC70 MOUNT THE RUN PACK ON DEVICE device-id AND RESPOND "R" OR ENTER THE RUN DEVICE ID OR THE VSN OF THE RUN PACK

Either no disk pack is mounted on the run device named at IPL or the volume that is mounted is not the run pack.

Either mount the run pack on the named device and respond with R, or enter a different device-id, or enter the volume serial number of the intended run pack.

JC71 MOUNT VSN vsn FOR THE RUN PACK AND RESPOND "R" OR ENTER THE RUN DEVICE ID OR THE VSN OF THE RUN PACK

The volume named at IPL for the run disk pack is not mounted on a valid, up, and available disk drive.

Either mount the named volume on a disk drive and respond with an R, or enter the device-id of the intended run device, or enter the VSN of the intended run pack.

JC72 ENTER THE RUN DEVICE ID OR THE VSN OF THE RUN PACK

The device named at IPL cannot be used as a run device because it is not an up and available disk drive.

Enter a different device-id or the VSN of the intended run pack.

JC73 IPL INPUT REQUESTED {DEVICE device-id / VSN vsn} AS THE RUN PACK

The device or volume requested at IPL is not valid for a warm start (job queue recovery) because the job queues to be recovered are not on the named device or volume.

This is an informational message to be used in conjunction with JC75.

JC74 JOB QUEUE RECOVERY REQUIRES A RUN VSN OF vsn
To recover the job queues (warm start), the volume named in this message must be mounted on an up and available disk drive. The device or volume named at IPL does not match the one needed for job queue recovery.

This is an informational message to be used in conjunction with JC75.

JC75 FOR QUEUE RECOVERY, ENSURE THAT vsn IS MOUNTED AND RESPOND "R". TO COLD START THE QUEUES, RESPOND "C".
The named volume must be mounted on an up and available disk drive to recover the job queues. If the volume cannot be mounted, the job queues must be cold started.

Mount the named volume on an up and available disk drive and respond with an R to recover the job queues. Otherwise, respond with a C if the job queues cannot be recovered and a cold start is necessary.

JC76 DEVICE device-id IS NOT A CONFIGURED DISK DRIVE
The device-id specified at IPL is not a disk drive.

Specify the correct device-id for the disk drive.

JC77 RUN PACK ON DEVICE device-id HAS A DUPLICATE VSN
The run pack on the named device has the same volume serial number as another volume also mounted on the system. The volume serial number of the named run device has been cleared and cannot be used as the run device.

Issue a MIX VI command to determine the volumes on the system. If necessary, take down the other duplicate volume and bring the run pack back up.

JC78 DEVICE device-id IS NOT UP AND/OR AVAILABLE
The device specified at IPL is not up or available for use as the run device.

Make sure that a disk pack is mounted and issue the SET IO command to set the device up and available.

JC79 TO BE THE RUN DEVICE, VSN vsn MUST BE A DISK
The volume serial number specified for the run pack at IPL was not found on a disk on the system. Only disks can be run devices.

Select a disk to be the run device.

JC80 JOB QUEUES NOT RECOVERABLE. MUST COLD START
The job queues are either invalid or do not exist; the IPL continues with a cold start. Additionally, if a warm start (job queue recovery) was selected for a new supervisor, this message appears because there are no job queues on a new pack.

This is an informational message. No action is required.

JS00 ISAM REQ. CONTIGUOUS SPACE FOR FILE & LABEL
Self-explanatory.

Correct the EXT statement to allocate contiguous space for &LABEL=FILENAME.

JS01 **ISAM/IRAM FILES REQ. MIN. 2 CYLS. FOR THE FILE & LABEL**
Self-explanatory.

Correct the EXT statement to allocate a minimum of two cylinders for the ISAM or IRAM file specified by &LABEL.

JS02 **NONFATAL ERROR OCCURRED - FILES WILL BE ALLOCATED. RECOMMEND RERUN FOR CLEANPREP - PROGRAMMER DECISION**
A nonfatal error has occurred. The disk pack has been prepped and the files allocated.

Rerun if necessary.

JS03 **FATAL ERROR HAS OCCURRED - JOB IS TERMINATED. RETURN TO PROGRAMMER - CORRECT- RERUN SETREL.**
A fatal error has occurred; no file allocation is performed. SETREL is terminated.

Return job to programmer and correct problem. Rerun SETREL.

JS04 **SU$PAT IS PATCHING VOL=&V DVC=&D**
Specifies the VSN of the pack being patched and the physical device housing the volume.

No response is required.

JS06 **DVC ID NUMBER MUST BE SPECIFIED FOR OTHER THAN RES.**
When patching other than SYSRES, a device id number must be specified.

Correct by specifying device id number and rerun.

JS07 **SU$PAT GOING TO RES**
The pack on which the IPL operation was performed is the SYSRES that will be patched. Informational message.

No action required.

JS08 **IN OR OUT KEYWORD IS NOT SPECIFIED. JOB TERMINATED.**
When using the JPROCs, J$UDD, or J$UTD, an IN or OUT keyword must be specified.

Specify the requested information and retry.

JS09 **VSN KEYWORD NOT SPECIFIED. JOB TERMINATED.**
VSN parameter was omitted in job RUN command.

Supply the missing keyword and retry.

JS10 **LBL KEYWORD NOT SPECIFIED. JOB TERMINATED.**
LBL parameter was omitted in job RUN command.

Supply the missing keyword and retry.

JS12 **ID PARAMETER OMITTED JOB TERMINATED**
Incorrect file names entered as keyword parameters are not detected until the UPLCMP load module is executed.

JS100 **jobname HAS NOT BEEN PROCESSED BY SCHEDULER**
Informational message; the specified job has not been processed by the job processor.

No action is required.

JS101 **jobname NOT SCHEDULED, INSUFFICIENT MEMORY**
The specified job cannot be scheduled because not enough main storage is available.

Wait until sufficient main storage space is available; retry.

JS102 jobname NOT SCHEDULED, SHARED CODE DIRECTORY FULL
The specified job cannot be scheduled because the shared code directory is full.

Wait until shared code directory space is available; retry.

JS103 jobname NOT SCHEDULED, VOLUME USE TABLE FULL
The specified job cannot be scheduled because the volume use table is full.

Wait until volume use table space is available and retry.

JS104 jobname NOT SCHEDULED, VOLUME IS NOT SHAREABLE
The specified job cannot be scheduled because the job needs a volume which is allocated to another job.

Wait until other job terminates and volume is available and retry.

JS105 JOBNAME NOT SCHEDULED, JOB # NOT AVAILABLE
Incorrect device allocation occurs when the job number of the job on queue matches that of an active job/symbiont. The job on queue is not scheduled until the active job terminates.

The message appears in response to the display job status command, DI JS,jobname, whenever this problem occurs.

Use the DELETE command to delete the job on queue and then rerun it to get a new job number.

JS106 jobname NOT SCHEDULED, JCAT ERROR nnn
The specified job cannot be scheduled because of the specified input/output error.

Correct error and retry.

JS107 user-id, reason
This message follows the JS105 message and specifies why the particular workstation was not available. The possible reasons are: NOT LOGGED ON, LOGGED ON WRONG WORKSTATION, WORKSTATION NOT AVAILABLE, REQUIRED WORKSTATION NOT AVAILABLE.

JS108 JOB jobname NOT IN SYSTEM
The specified jobname, entered as part of an MI DA system console command, was not found.

Correct jobname specification and retry.

JS109 NO JOBS IN SYSTEM
An MI DA system console command was issued, and no jobs or symbionts are in main storage.

This is an informational message.

JS111 jobname NOT SCHEDULED, ON HOLD
The specified job cannot be scheduled because the job is in HOLD status.

Wait until job is released from hold status, or release job from HOLD status, and retry.

JS114 jobname HIGHER PRIORITY JOB QUEUE ACTIVE
The specified job cannot be scheduled because its job queue has a lower priority than the currently active job queue.

No action is required.

K

K000 - ROOT PHASE OVERLAID
The root phase segment was defined as a logical node point for the current OVERLAY statement (LOADM name was referenced). Thus the phase being created will be loaded on top of the root segment.

Ensure that this is the intention.

K001 - PHASE LIMIT 100
More than 100 phases were declared for this link edit.

Either restructure or divide the program so that less than 100 phases are required.

K002 - NODE POINT LIMIT 14 PER PATH
More than 14 nodes (overlay origins) were declared for the current path. The last OVERLAY statement detected started a new path at an origin following the root phase.

Restructure the program.

K003 - NO OVERLAY/REGION OPERAND
The last OVERLAY or REGION control statement failed to reference a node point in its operand field. The node established is at an origin immediately following the root phase.

Rewrite the control statement.

K004 - REGION LIMIT 10
More than 10 regions were declared for this link edit. The last REGION statement detected was treated as though it were the first REGION statement detected.

Restructure the program.

K005 - ENTER OPERAND UNKNOWN
The last ENTER statement contained an operand reference to a symbol not currently in the linkage editor reference table. The symbol was undefined. The ENTER statement was treated as though no operand existed.

Remove the ENTER statement or add the referenced symbol to the linkage editor reference table.

K006 - LABEL TOO LONG
A label field declared on the last control statement exceeds eight significant characters. The control statement was not processed.

Rewrite the control statement and retry.

K007 - NO OPERATION FIELD
The last control directive is missing an operation field and was ignored.

Verify the link-edit control stream.

K008 - OPERATION FIELD TOO LARGE
The operation field supplied on the last control statement exceeds eight characters but allowable linkage editor command size was seven characters. The control card was not processed.

Rewrite the control card and retry.

K009 - BAD HEX EXPRESSION

A linkage editor directive contains an expression with an invalid hexadecimal reference. The hexadecimal value was not computed.

Redefine the control statement.

K010 - SYNTAX ERROR ON INCLUDE

While scanning an INCLUDE statement for a specified module name or CSECT list, column 71 was reached. The INCLUDE card scan was effectively truncated.

Validate the directive.

K011 - SYNTAX ERROR IN CSECT LIST

The delimiter following a CSECT name on an INCLUDE item specifying partial inclusion is not a comma or a terminal right parenthesis. The INCLUDE card scan was terminated.

Rewrite the directive.

K012 - INCLUSION TRUNCATED-CSECT LIMIT-9

More than nine control sections were declared for a partial include. Only the first nine CSECTs in the list for the given INCLUDE item were accepted (including the last CSECT).

Specify an additional INCLUDE to obtain the additional CSECTs.

K013 - INCLUDE LIBRARY SPECIFICATION ERROR

The delimiter following a module name or CSECT list on an INCLUDE item is not a comma or a blank. The item is treated as though no include library specification were supplied.

Correct the directive and rerun.

K014 - INCLUDE MODULE NOT LOCATED

The module named for an inclusion on the last INCLUDE command could not be found and the item was, therefore, ignored. The UPSI byte is set to X'40'.

Verify name specifications and library file designations.

K015 - INVALID INCLUDE OPERAND

While scanning the last INCLUDE control statement for a specified filename, column 71 was reached. The INCLUDE card scan was effectively truncated.

Validate the directive.

K016 - LOADM NAME INVALID

A LOADM control statement does not supply a load module name acceptable to the linkage editor. Acceptable names must be from one to six (eight, if it is the link-edit of a reentrant module) alphanumeric characters, the first of which must be alphabetic. If the specified name is less than six (eight, if it is the link-edit of a reentrant module) characters, it is padded on the right with EBCDIC zeros. If the specified name is more than six characters (eight, if reentrant module link-edit), it is truncated to the maximum allowable limit.

If a particular name is desired, rewrite the directive.

K017 - NO EQU LABEL

An EQU statement containing no symbol in its label field was detected. Because blanks do not represent a valid symbol, the equate could not occur. The control statement was ignored.

Rewrite the control statement and retry.

K018 - NO EQU OPERAND

Because an EQU statement containing no valid operand was detected, the EQU label could not be equated. The control statement was ignored.

Rewrite the control statement and retry.

K019 - EQU PLACEMENT ERROR

A multidefined EQU symbol is out of place. The EQU statement was ignored.

If you resubmit it, place it where it occurs prior to the multidefinitions in question.

K020 - EQU OPERAND UNKNOWN

An operand symbol of the EQU statement is currently undefined or is invalid and does not appear in the linkage editor reference table. KE$ALP and KE$RES are invalid EQU operands. The EQU statement was not processed.

Place the statement so that it follows the needed definition, because the equating symbol must be predefined.

K021 - EQU OPERAND NOT A DEFINITION

The operand of the EQU statement referenced an item that appeared as an EXTRN reference in the linkage editor symbol table. The term was therefore not a valid definition at the time the EQU declaration was detected and the control statement was ineffective.

Resubmit it following the declaration of the definition.

K022 - SYNTAX ERROR ON MOD

The delimiter following the power declaration was neither a comma nor a blank character. The scan was discontinued. The MOD item was ineffective.

Correct the MOD item and resubmit.

K023 - INVALID OR NONEXISTENT MOD OPERAND

Either no operand was present on the MOD statement, or an invalid specification for a power of 2 or remainder was declared. The MOD item was ineffective.

Correct the statement and rerun.

K024 - INVALID OPERATION

The operation scanned for the last control statement was not a recognized command in the linkage editor repertoire, or was not an acceptable command when detected. The questionable item was skipped.

Check for verification of placement errors.

K025 - OBJECT MODULE SEQUENCE ERROR-INCLUSION TRUNCATED

An include of an object module was terminated prematurely because:

- A transfer record was missing.
- An invalid record type was detected.
- No object module header was seen.
- An embedded control statement did not follow a module header or a transfer record.

The inclusion was successful only to a point in the object module where the warning diagnostic was triggered.

Correct the object module makeup and rerun.

K026 - NO OPERAND NON-NESTED INCLUDE:

An INCLUDE statement (not embedded in an object module) had no operand and was ignored. A missing operand for a nested INCLUDE indicates that the desired module follows immediately. This cannot be the case when reading INCLUDEs from the basic control stream device.

Supply the missing operand and rerun.

K027 - ENTRY DELETED-MATCHING COM EXISTS

An item declared as a valid ENTRY point definition was deleted in favor of a COMMON block with the same name. All references will be assigned to the COMMON section and any CSECTs with a matching name will be treated as block data subprograms.

No corrective action required unless the action taken is undesirable.

K028 - MULTIPLE DEFERRED LENGTHS

During an inclusion scan, an object module was processed from which more than one CSECT record declaring a deferred length was included. Only the first CSECT for each individual INCLUDE statement is accepted as having its length deferred. All others with a deferred length flag are assigned the lengths from the content of the CSECT record field designating section size. Information only.

No corrective action required.

K029 - ENTER REFERENCE NOT RELATIVE

The operand of an ENTER directive referred to an absolute symbol. Absolute references are not allowed because a symbolic expression on an ENTER command always represents a program relative address.

Correct the operand and rerun.

K030 - ENTER OPERAND NOT IN CURRENT PATH

The operand of an ENTER directive references a symbol not in the current path. The transfer address for the phase was computed accordingly; however, if the phase transfer record is used when the phase is loaded, control will be transferred to the definition in the phase on the exclusive path. This definition may not be resident at load time. Information only.

No corrective action required.

K031 - CONTROL CARD PLACEMENT ERROR

The last control card detected appeared in an unusual or illogical sequence (i.e., ENTER followed by INCLUDE). The item was processed in the assumed standard fashion (i.e., as if the ENTER followed the INCLUDE).

The control stream sequence should be verified.

K032 - NODE NAME TOO LARGE

An OVERLAY statement referenced a node point or alias name, which caused a syntax scanning error. The node point assigned to the OVERLAY is that data that was processed before the error was detected.

No corrective action is required unless this node point duplicates another undesirable node point.

K033 - ENTRY SKIPPED-NO PRIOR CSECT

An object module, which was the subject of an include scan, revealed an ENTRY ESD record containing an ESID not present on any CSECT record yet seen in the same module. The ENTRY ESD was not accepted.

The object module in question should be validated.

K034 - CONTROL STREAM MODULE SPECIFICATION

That portion of a PARAM/LINKOP statement naming the source module to be accessed (CLIB option) was specified incorrectly. The control stream source medium for linkage editor command directives are changed. The UPSI byte is set to X'80'.

Correct the source module name specification and rerun.

K035 - AUTO-INCLUDE FILE SPECIFICATION ERROR

That portion of a PARAM/LINKOP option specifying the ALIB file was incorrectly stated. The parameter was not accepted and remains at its previous setting.

Rewrite the parameter and rerun.

K036 - OBJECT FILE SPECIFICATION ERROR

That portion of a PARAM/LINKOP option specifying the RLIB file was incorrectly stated. The parameter was not accepted and remains at its previous setting.

Rewrite the parameter and rerun.

K037 - CONTROL STREAM MODULE NOT LOCATED

The source module named on a PARAM/LINKOP CLIB parameter cannot be located in the designated file. The parameter was ineffective. Location of the control stream did not change. The UPSI byte is set to X'80'.

Verify the source module name and location.

K038 - CONTROL STREAM MODULE NOT SOURCE

The module designated in a CLIB option does not contain a source module header as its first record in the file partition. The parameter option was effectively negated. The UPSI byte is set to X'80'.

Validate the module makeup.

K039 - NO PARAM LINKOP OPERAND
A PARAM or LINKOP statement designating no options in its operand was supplied. The statement was ignored.

K040 - PARAM/LINKOP SYNTAX ERROR
A PARAM or LINKOP statement containing a syntactical inconsistency in its operand was supplied. The part of the statement which could be logically interpreted was effective.

Correct the statement and rerun.

K041 - INVALID PARAM/LINKOP OPTION
A PARAM or LINKOP statement containing a nonrecognizable option declaration was supplied. The questionable option was ignored. All acceptable options were applied.

Correct the statement and rerun.

K042 - ALTERNATE CONTROL STREAM FILE NOT AVAILABLE
The file designated as the alternate linkage editor control stream (CLIB option) could not be opened. The CLIB parameter was negated and standard processing proceeded. The UPSI byte is set to X'80'.

Verify the file names and locations.

K043 - OBJECT FILE NOT AVAILABLE
The file assumed by the linkage editor to be the system object library (the file specified by the RLIB option of PARAM/LINKOP) could not be opened. The link edit will continue to a point where that library is absolutely needed and may be successful if all inclusions occur from nonrelated alternate libraries.

Check the file names and locations.

K044 - AUTO-INCLUDE FILE NOT AVAILABLE
The file specified as ALIB on a PARAM/LINKOP statement could not be opened. The ALIB designation was negated.

Verify the file names and locations.

K045 - JOB RUN FILE NOT AVAILABLE
The job run library could not be opened. The link edit will continue to a point where the run library is absolutely needed. The edit might have been successful if that library were not needed by this particular link job.

K046 - SCRATCH FILE NOT AVAILABLE
The intermediate work file needed by the linkage editor to process its data could not be opened. The link-edit job was cancelled because processing could not continue without this file.

K047 - CONTROL STREAM FILE SPECIFICATION ERROR
That portion of a PARAM/LINKOP option for CLIB naming the source file to be accessed was stated incorrectly. The parameter was not accepted and the control stream medium was not changed. The UPSI byte is set to X'80'.

Verify the specification.

K048 - NAME PREFIX NOT ALPHA

A symbol appearing on the last control statement was not composed of a leading alphabetic character. The item was, however, treated as a valid symbol by the linkage editor and processed accordingly.

Validation is recommended.

K049 - TEXT RECORD SKIPPED-BASE ESID INVALID

The object module last scanned during an inclusion contains a text record ESID of 0 or an ESID indicating its association with a CSECT item not encountered at the time the text record was seen. The text record in question was not processed.

Verify the object module makeup.

K050 - ABOVE NAMED CSECTS NOT FOUND

During a partial include scan of the object module referenced, the named control sections could not be located. Those CSECTs that were located successfully were included. Those not found remained excluded and processing continued.

Validate the name specifications.

K051 - INCLUDE LIBRARY INVALID

The latest INCLUDE statement specified an alternate library that could not be opened. The inclusion did not occur and the statement was skipped.

Check the file name and location.

K052 - OUTPUT LOAD LIBRARY SPECIFICATION ERROR

A PARAM/LINKOP statement designating an output file option (OUT) could not be interpreted syntactically. The parameter option was ignored and remains set to its previous value.

Rewrite the statement.

K053 - SYNTAX ERROR ON COMMENT OPTION SPECIFICATION

A PARAM/LINKOP statement designating a comment option (CMT) contained a syntax error. The character string was not accepted and remained unchanged from its previous setting.

Rewrite the statement.

K054 - PREDEFINED AUTO-OVERLAY CONTROL TABLES

One or more definitions of the symbols KL$NTB, KL$PTB, KL$RTB preexisted in the linkage editor reference table and V-CON processing is underway. The automatic generation of these tables and their definitions was inhibited; the supplied definitions were used instead.

Ensure that this is the intention.

K055 - PREDEFINED AUTO-OVERLAY CONTROL ROUTINE

The load module being built incorporated automatic V-CON loading techniques and required the necessary control routine. A definition for this symbol (KL$OCP for single region or KL$OCPR for multiregion) already existed. The automatic inclusion of the standard routine was inhibited and the user-supplied definition was accepted.

Ensure that this is the intention.

K056 - MISPLACED JOB CONTROL ITEM

A control statement detected by the linkage editor appeared to be one belonging to the job stream processor. The statement was ignored.

Verify the control stream.

K057 - MULTIPLE EMBEDDED DATA DELIMITERS

A job control item indicating start of embedded data was detected in the midst of the link-edit control stream. The item was ignored.

Verify the control stream.

K058 - ENTER REFERENCES A CURRENT EXTRN

An ENTER statement contained an operand reference to a symbol existing as an EXTRN when the ENTER was processed. If the symbol subsequently was defined, the reference was effective; otherwise, the statement will be treated as though no operand existed.

Validate the statement.

K059 - OVERLAY REFERENCES ABSOLUTE VALUE

A relative node point reference of an OVERLAY directive was to a current definition that supplied an absolute number. The OVERLAY node symbol was treated as a logical name only.

Verify the statement.

K060 - OVERLAY REFERENCES AN EXTRN

A relative node point reference of an OVERLAY directive was to a symbol that was currently an EXTRN. The OVERLAY node symbol was treated as a logical name only.

Verify the statement.

K061 - OVERLAY OPERAND NOT IN CURRENT PATH

A relative node point reference of an OVERLAY directive was a symbol defined on an exclusive path. Such relative nodes must be to definitions in the same path. The OVERLAY node symbol was treated as a logical node only.

Verify the statement.

K062 - OVERLAY/REGION SYNTAX ERROR

A scan error was detected while interpreting the operand of an OVERLAY or REGION statement. The delimiter following the node point reference was not a blank or comma, or the alias phase name exceeded six characters and was truncated to six characters.

Rewrite the statement.

K063 - PHASE ORIGIN TO COM NAME DISALLOWED

An OVERLAY statement referenced a symbol defined as a common storage section name. The phase origin was assigned immediately following the preceding phase.

Rewrite the control statement.

K064 - INTERNAL SUBROUTINE STACK OVERFLOW/UNDERFLOW
The internal subroutine calling mechanism of the editor reached a predetermined limit. The error was not recoverable and represented an internal process problem that should not have occurred. The link edit operation was aborted.

Contact your Sperry customer representative.

K065 - INTERNAL REFERENCE TABLE ACCESS ERROR
An internal access to a link-edit reference table slot was invalid. The error was not recoverable and represents an internal process problem that should not have occurred. The link edit operation was aborted.

Contact your Sperry customer representative.

K066 - FILE ACCESSED NOT OPENED filename
A file needed during the link edit failed in the OPEN process and could not be subsequently accessed.

The link edit must be performed again.

K067 - PHASE LOAD ERROR LINKDTnn
An unrecoverable load error occurred while the linkage editor was attempting to fetch the named overlay.

The link edit must be performed again.

K068 - BAD CLOSE-FILE filename
The attempt to close the named file that was used by the linkage editor was unsuccessful and the file was not closed. The file becomes volatile.

If it is permanently required, it should be closed by alternate means if possible.

K069 - filename ACCESS ERxx 'bbbb'
A fatal I/O error occurred during processing of the file named for linkage editor use. ERxx represents the error-code returned by data management; see DMxx for explanation. The SAT DTF error status field settings, represented by 'bbbb', are explained in Appendix B.

Perform the link edit again.

K070 - OPEN ERR OUTFILE: name USING RUN LIBRARY
The specified output library (OUT) could not be opened and the run library was substituted. The UPSI byte is set to X'80'.

Verify the file names and location.

K071 - OUTPUT SUPPRESSED
The run library could not be accessed to generate the output load module. The output was being inhibited while the link edit was being completed. The UPSI byte is set to X'80'.

Rerun the link edit.

K072 - name ZERO LENGTH PHASE
The designated phase was produced but had an effective length of zero because no CSECTs were ultimately included. This message appears at the appropriate time in the allocation map and serves only as a warning.

No action required.

K073 - INVALID RLD MASK mask
The specified RLD mask is invalid and has not been applied to the text.

Verify the makeup of the object modules. Check for the possibility of an incorrect patch.

K074 - NO EOF IN LIBRARY
There is no EOF in the prime partition of the output library file corresponding to the EOF in the directory partition.

Pack the library and rerun the linkage editor.

K075 - TWO EOF RECORDS IN LIBRARY DIRECTORY
Two EOF records were discovered in the directory of the output library file. The load module was not added.

Pack the library and rerun the linkage editor.

K076 - NO FILE LOCK FOR OUTPUT FILE
In a multiprogramming environment, two or more programs have concurrently written to the same output file. The produced module is unusable. Pack the library and rerun the linkage editor.

To prevent overwriting in a multiprogramming environment, use the file lock feature.

K077 - OUTPUT FILE NOT IN LIBRARIAN FORMAT
The linkage editor has been presented with a file that is not initialized or is not in library format.

Check job control stream for correct file specification. If necessary, initialize the file, using INIT as third positional parameter in // LFD statement.

Rerun the job after corrections have been made.

K078 - SHARED CSECT MATCHES COMMON - CSECT DELETED
Block data from shared code cannot be accepted for nonreentrant code. The CSECT has been deleted.

K079 - NON-REENTRANT MODULE ENCOUNTERED
The RNT option has been specified but a nonreentrant module was encountered.

No corrective action required. The module is assumed to be reentrant and is accepted for processing.

K080 - IMPROPER LINKAGE ASSOCIATED WITH SYMBOL symbolname
The symbol name is a reference from a reentrant module to a nonreentrant module. This linkage is not allowed and has not been established by the linkage editor.

Remove the statement and rerun.

K081 - OVERLAY/REGION STATEMENT DELETED
The linkage editor disallows multiphase/multiregion structure in the link edit of a reentrant module.

Remove the statement and rerun.

K082 - ENTER/OVERLAY REFERENCES SHARED ITEM
One of the following occurred:

- The ENTER directive specified a shared definition as a transfer address.

- The OVERLAY statement specified a share definition as a node point.

Change the ENTER/OVERLAY label to a nonshared definition.

K083 - EQU EXPRESSION DISALLOWED
The decimal or hexadecimal number in the expression has been deleted since the previously defined label is a shared definition.

K084 - COMMON MATCHES SHARED CSECT - COMMON DELETED
A shared CSECT cannot become block data for nonreentrant code. The COMMON has been deleted.

No corrective action required unless the action taken is undesirable.

K085 - GO OPTION IN EFFECT - SHARE PARAMETER RESET
With GO option in effect, the link edit and load module execution are treated as a single job step. Since resource requirements are established at job step processing time, a module that calls reentrant code cannot be executed. This necessitates disabling the share facility.

Rerun the job as two separate job steps.

K086 - LOADM STATEMENT DELETED
A second LOADM statement was detected before the include process began. This LOADM statement is ignored.

Remove the second LOADM statement and rerun.

K087 - MESSAGE FILE RETRIEVAL ERROR
An error occurred when the linkage editor attempts to retrieve a message from the system message file (YTRAN) for the purpose of either printing a heading line or listing an error detected during the link-edit. The message requested was unavailable.

The link-edit proceeds normally. No corrective action required.

K088 - ISD RECORD SKIPPED - NO PRIOR CSECT
An object module indicated an ISD record containing an ESID was not present with any CSECT record yet seen in the same module. The ISD record was not accepted.

The object module should be validated.

K089 - INTERNAL LIBRARY UTILITY ERROR error-code FILE filename
The linkage editor calls library utility subroutines for library manipulation. In this instance, a logical error was returned by a subroutine while in the process of accessing the named file.

This is an internal error. Contact your local Sperry representative.

Rerun the job at another time.

K090 - TEXT RECORD SKIPPED - TEXT LENGTH INVALID
The object module last scanned during an inclusion contains a text record with an invalid length. A valid length (between 1 and 242 bytes) must be specified. The text record in question was not processed.

The object module should be validated.

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LB02 FIRST RECORD NOT A HEADER
Library utilities encountered a module where the first record was not a legal header record.

Regenerate the module and attempt the read again.

LB03 ATTEMPTED ACCESS BEYOND MODULE
An attempt was made to access a module beyond its logical end.

Check access address and rerun.

LB05 MODULE NOT FOUND
The module requested was not found.

Check the name, type, and file declarations and rerun.

LB07 ERROR ENCOUNTERED WHILE ATTEMPTING TO SCALL
Library utilities has encoutnered an error when attempting to SCALL to another module.

Rerun the job.

LB08 UNABLE TO GET BUFFER
While trying to write a module, library utilities could not acquire a buffer. This problem was probably caused by a lack of available main storage.

Rerun the job at another time.

LB09 UNABLE TO FREE BUFFER
While trying to write a module, library utilities could not free the buffer it was using.

Rerun the job.

LB10 INVALID RIB
Library utilities has encountered an invalid RIB.

Correct RIB and rerun.

LB11 UNABLE TO OPEN FILE
Library utilities encountered an error when attempting to open a file.

Check to see if file was specified correctly and rerun the job.

LB12 INVALID TYPE SPECIFIED
An invalid type was specified and encountered by library utilities.

Correct type field and rerun.

LB13 RECORD TOO LONG
The record being processed is too long.

Shorten record and rerun.

LB14 CANNOT ADD TO LIBRARY
The module being written cannot be added to the file.

Either pack the file or allocate more space.

LB15 NAME/TYPE SPECIFIED FOR MODULE HAS INVALID CHARACTERS
An invalid character was specified in the name or type declaration. The acceptable characters are: A-Z, 0-9, $, #, @, ?

Correct the name or type and rerun.

LB16 MODULE ALREADY EXISTS
When doing a rename, library utilities found a module having the new name/type already existing in the file. Duplicate modules are not allowed.

Change name/type and rerun.

LB17 FILE IS NOT A LIBRARY FILE
Library utilities encountered a file that is not a library file.

Verify the name and characteristics of the file being accessed.

LB18 MODULE NOT ENTERED, NOT IN PROC OR MACRO FORMAT
While attempting to add a proc or macro to a library file, library utilities detected an invalid format in the text, probably due to the absence of a NAME card.

Correct text and rerun.

LB19 NO MODULES FOUND
No modules of the name and/or type specified were found in the library file.

LB20 DMSEL REJECTED, INVALID FUNCTION SPECIFIED
Library utilities encountered an unknown function specification on a DMSEL macro.

Check DMSEL function being requested and rerun.

LB21 DMSEL (ADD) REJECTED, MUST BE PRECEDED BY A DMOUT
User has requested that a module be added to the library without generating text for that module.

Change the program and rerun.

LB22 DMSEL (NEXT) REJECTED, MUST BE PRECEDED BY A DMINP
The user has requested that the next logical module be processed without processing the present module.

Change the program and rerun.

LB23 DMINP REJECTED, MUST BE PRECEDED BY APPROPRIATE DMSEL
The user has requested an input function without initializing it.

Correct and rerun.

LB24 DMOUT REJECTED, MUST BE PRECEDED BY A DMSEL (OUT)
The user has requested that a record be written without first initializing the function.

Correct and rerun.

LB25 DMUPD REJECTED, MUST BE PRECEDED BY A DMINP
The user has requested that a record be updated without first reading the record.

Correct and rerun.

LB26 CANNOT PERFORM AN UPDATE TO A SEQUENTIAL DEVICE
Library utilities has been requested to do an operation that involves updating a record in place. This is a physical restriction for sequential devices.

Alter program and rerun.

LB27 CANNOT PERFORM A RANDOM OPERATION TO A SEQ. DEVICE
Library utilities has been requested to perform an operation that requires a random access. This is a physical restriction for sequential devices.

Alter program and rerun.

LB28 CANNOT READ FROM A SEQUENTIAL OUTPUT FILE
An attempt was made to read a sequential file that was opened as an output file.

Close the file and reopen it as an input file before attempting to read it.

This version of the MC#03 message is used if your system is not configured with operator communications (FEATURES=OPCOM) in any network definition CCA macroinstructions.

Note that ICAM stops processing any DUST requests until this message is answered.

LB29 CANNOT WRITE TO A SEQUENTIAL INPUT FILE
An attempt was made to write to a sequential file that was opened as an input file.

Close the file and reopen it as an output file before attempting to write it.

LB30 CANNOT DELETE ON A SEQUENTIAL FILE
An attempt was made to delete a module on a sequential file. Deletion entails updating text in the file. This is a physical restriction on sequential files.

Alter program and rerun.

LB31 INSUFFICIENT VARIABLE RECORD LENGTH SPECIFIED
For SAT file processing, variable records must be at least 80 characters in length. For MIRAM file processing, variable records must be at least one character in length.

Ensure that the record is at least the minimum length and rerun.

LB32 WARNING - - MODULE NOT ADDED
The user has closed the file without issuing a DMSEL (ADD), having a // USE in effect, or specifying the RIB parameter LIBADD=YES.

Alter program and rerun.

LB33 OPERATION REJECTED - - AT EOF FOR SEQ. DEVICE
Due to a previous operation, library utilities is at the end of file for this sequential device. To do further processing, the file must be closed and reopened.

MIRAM librarian users: Place an additional FIL statement for the file in front of the flagged statement. Library utility users: Close and reopen the file.

LB34 HEADER FOR THIS MODULE TYPE CANNOT BE UPDATED
Library utilities has been requested to alter the contents of a module header that is unalterable.

This is an informational message.

LB35 ERROR ENCOUNTERED ON OBTAIN OF FMT1 LABEL
While attempting to open a format label type device, library utilities could not obtain the format 1 label.

Ensure that the file being accessed is still intact and has not been damaged. Rerun.

LB36 CANNOT CREATE A LIBRARY MODULE ON A SEQ. DEV.
The user has attempted to create a library module on a sequential device. Library formats require several random operations; however, random operations are physically restricted on sequential devices.

Reconstruct the program to use a random device and rerun the job.

LB37 FUNCTION NOT SUPPORTED FOR THIS FILE TYPE
Library utilities has been requested to perform a function that is not supported for the file type being accessed.

Change the file type or the program and rerun.

LB38 CANNOT ALTER TYPE SPECIFICATION FOR THIS MODULE TYPE
The user has attempted to change the type specification for a module whose type cannot be changed.

Check type specifications in question and rerun.

LB39 CANNOT ACCESS BLOCK LOAD MODULES
The user has requested library utilities to access a block load module. Because of the format of such a module, library utilities cannot access it.

Do not use library utilities to access a block load module.

LB40 CANNOT ALTER NAME SPECIFICATION FOR THIS MODULE TYPE
The user has attempted to change the name specification for a module whose name cannot be changed.

Check name specification in question and rerun.

LB41 WARNING - CANCELLED DURING A DMSEL (ADD)
Library utilities has been cancelled while trying to add an element to the library. The module will be inaccessible in the library file.

Regenerate module in question.

LB42 UNSUCCESSFUL STATUS RETURNED WITH NO ERROR CODE
Library utilities has received an unsuccessful status by a subprocessor; however, no error-code accompanied the status.

LB43 ATTEMPTED ACCESS TO AN UNSUPPORTED DEVICE
The user has attempted to use library utilities to access a device not supported by library utilities.

Correct the program and rerun.

LB44 CANNOT INITIALIZE LIBRARY MODULE OUTPUT
The ENDLIB pointer has been lost from the directory. Library utilities cannot write to the file.

Reconstruct the file by copying it to another file, then back, initializing the primary file.

LOG01 INVALID PARAMETER
Format of supplied parameter is invalid. Program terminates.

Correct format and rerun.

LOG02 MISSING PARAMETER
Parameter has not been supplied. Program terminates.

Supply the missing parameter and rerun.

LOG03 ERROR ACCESSING LOG FILE, **IC**
An I/O error has been detected while accessing spool file.

Key in I to ignore the error or C to cancel the program.

LOG04 ERROR ACCESSING SYSLOG FILE
An I/O error has been detected while accessing the SYSLOG disk file. Program terminates.

Retry.

LOG11 PARAM CARD MISSING OR INCORRECT FORMAT
The PARAM card for JOBLOG is invalid.

Correct the card and rerun the program.

LOG12 DEVICE TABLE FULL
The JOBLOG device table has been exceeded. The maximum number of entries is 40.

Change the size of the device table in JOBLOG source program and recompile.

LOG13 NOT ALL DEVICES PROCESSED DURING RUN
JOBLOG accumulates statistics for up to 40 system devices. Statistics for any devices beyond 40 are not accumulated.

Change the size of the device table in JOBLOG source program and recompile.

LOG14 END OF JOBLOG RUN
Informational message only. No action is required.

LR01 UNRECOVERABLE INPUT ERROR ON LOG
An error other than an end of file was encountered while reading the spool file log.

Proceed as described in Appendix D, HPR 99A1.

LR02 LIMIT INVALID. CONTINUE (Y OR N)?
The time limit given is out of the range for the log.

Reply Y to adjust the limit and continue the recall. Reply N to terminate the recall.

LR03 LOGGING NOT ACTIVE
Logging was not generated in the system.

The operator can generate logging by consulting the handbook for operators for the system being used.

LR04 NO MESSAGES IN LOG
There were no messages in the log for the given time span.

This is an informational message. No action is required.

LR05 CONTINUE (Y OR N)?
Recall has displayed 11 messages.

Reply Y to continue displaying messages. Reply N to terminate recall.

LR06 END OF RECALL
Recall has displayed all the messages in the time span or all the messages the operator wishes to display.

No action is required.

LR07 SYNTAX IN INPUT
An error occurred in the specified time span.

Correct the time and retransmit.

LR08 BREAKPOINT IN PROGRESS
The log being recalled has been breakpointed.

No action is required.

LU01 INVALID parameter-name PARAMETER ON BELOW // COPY RECORD, MODULE SKIPPED
COPYS3 encountered an error in input data. The card image with the error is displayed below the message.

Correct input and rerun with just the module in error.

LU02 INVALID TO PARAMETER ON BELOW // COPY RECORD, _ _ SUBSTITUTED
COPYS3 encountered an invalid TO library parameter.

The module is copied into the default library.

LU03 END OF INPUT, LAST CARD COPIED IS
COPYS3 encountered end-of-input file before a // CEND card image was read.

The module is copied into the library.

LU04 LIBRARY UTILITY ERROR error-code
An error occurred for COPYS3 when writing to a disk library.

The error-code is displayed. See Appendix A.

LU05 INVALID RECORD LENGTH ON DD CARD
Record length for COPYS3 must be between 20 and 128 bytes, inclusive.

Correct and retry.

LU06 INVALID DEFAULT-LIBRARY _ _ ON PARAM CARD, F1 USED
Correct default library was substituted.

LU07 IO ERROR, PROGRAM TERMINATED
COPYS3 had an input file I/O error.

Retry.

MC01 - F - ERROR OPENING {PRINTER / INPFILE / OUTFILE}

The PRINTER, INPFILE, or OUTFILE cannot be opened due to a data management error.

Correct the data management error and make sure the file is assigned to the job.

MC02 - F- ERROR READING CONTROL CARDS

This message is returned from GETCS when the system attempts to read control cards which are input to MCON.

Make sure the control cards are in the correct position in the job stream and retry.

MC03 - F- ERROR TRYING TO READ MENU FROM INPFILE

A data management error was encountered when the system attempted to read a menu from the INPFILE.

Correct the data management error and rerun the job.

MC04 - F - MENU MODULE HAS INVALID FORMAT

The menu module either has no records in the module or the first action in the action table is not X'41'.

Recreate the menu module using the menu generator.

MC05 - F - MENU CONTAINS FUNCTION KEY PROCESS AS ACTION ITEM

The action table indicates that the action required is to process a function key. This is an invalid action for a menu module action.

Regenerate the menu and then reconvert.

MC06 - F - ERROR CONVERTING MENU menu-name

A menu action in the menu action table caused an error during conversion. The converted subroutine is not written to the file.

Correct the menu action which caused the error and reconvert the menu.

MC07 - F - DATA ACTION CONTAINED IN ACTION TABLE

The menu action table contains a DATA action which cannot be converted to an ICL command.

Eliminate the DATA action and reconvert the menu; or write a subroutine to process menu functions.

MC08 - F - INVALID ACTION IN MENU

The menu action table contains an invalid menu action.

Regenerate the menu action table and reconvert the menu module.

MC09 - F - SCREEN COMMAND CONTAINED IN ACTION TABLE

The menu action table contains a screen command which cannot be converted to ICL commands.

Eliminate the screen command from the menu and reconvert the menu; or convert this action in the subroutine.

MC10 - F - ERROR SELECTING MENU FROM INPFILE
The menu module to be converted is not contained in the INPFILE.

Select the correct menu module or the menu you wish to convert.

MC11 - F - MENU CONTAINS INVALID SUBITEM FOR ACTION
The menu module has an action item other than a process menu or help for an item.

Regenerate the menu action table and reconvert the menu.

MC12 - F - ERROR WRITING RECORD TO OUTFILE
A data management error occurred while writing the converted subroutine to the OUTFILE.

Correct the data management error and reconvert the menu.

MC13 - F - ERROR CONVERTING ALL MENUS IN YFMT
The user specified conversion for all menu modules in INPFILE which is YFMT. All menus in YFMT cannot be converted because some are system menus.

Specify which menus are to be converted from YFMT.

MC14 - F - MENU MODULE NOT IN INPFILE
The specified menu module is not in the INPFILE.

Check the name of the menu to be converted.

MC15 - F - MENU NAME GREATER THAN 8 CHARACTERS
The user specified a menu name or menu prefix greater than 8 characters.

Check the name of the menu module and reconvert it.

MC16 - F - ERROR CLOSING file-name
A data management error occurred while closing file.

Fix the data management error and rerun the job.

MC17 - F - MCON TERMINATES DUE TO ERROR
An unrecoverable data management error occurred on a file.

Contact you Sperry representative.

MC18 - F - ERROR READING FCB FOR INPFILE
An error occurred while trying to read the FCB for INPFILE.

Check to be sure the INPFILE is assigned or attached to the job.

MC19 - F - TEXT DISPLAYS WITH MENU > 2000
The amount of text to be displayed with a menu screen exceeds the 2000 characters allowable with a screen template.

Rework the text on the menu using MENUGEN and reconvert the screen.

MC#02 cca-name DIAL phone-number PORT=ccpp. (REPLY Y OR N)

Dial the telephone number specified in the message on the channel-port specified and give one of the following answers:

msg-no Y
msg-no N

where:

msg-no
Is the number of the message.

Y
Indicates the telephone connection is established.

N
Indicates the telephone connection could not be made.

This message is used if your system is not configured with operator communications (FEATURES= OPCOM) in any network definition CCA macroinstructions.

Note that ICAM stops processing any DUST requests until this message is answered.

MC#03 cca-name DIAL phone-number PORT=ccpp, LINE=■■.

Dial the telephone number specified in the message on the channel-port specified and answer with an ICAM *connect* type-in request.

The format of the response is:

00 { **Cn** / **Mn** } **CN** { **L,■■,uu** / **L,ALL,uu** }

where:

Cn or Mn
Is the ICAM symbiont loaded (C1-C9 or M1-M9).

ALL
Indicates that dialing for all lines requested is complete.

This message is used if your system is configured with operator communications.

When this message is displayed, ICAM does not wait for a response; i.e., it continues executing.

MC#05 cca-name RWS ■■ CONNECTED

The specified remote workstation line is connected.

This is an informational message. No action is required.

MC#06 cca-name RWS ■ PGROUP (rr) DOWN

The specified remote workstation poll group is down, where rr is the remote identifier.

ICAM will retry polling for traffic based on the slow poll timer value in PGT. If any terminal in the poll group responds, the MC#09 message is issued. Contact your Sperry representative if problem persists.

MC#07 cca-name RWS ■ DOWN (CODE=error-code)

The specified remote workstation line is down. The error-codes are as follows:

02	Device not operational, unit check
04	Line disconnected
10	Data set ready off
20	Channel status error
21	Channel status auto sense error
22	Channel status incorrect length error
23	Channel status program check error
24	Channel status protection check error
25	Channel status data check error
26	Channel status control check error
27	Channel status interface control check error
28	Channel status chaining check error
80	Command reject

ICAM will try to recover from these errors. If the error persists, contact your local Sperry representative.

MC#08 cca-name RWS ■ tttt DOWN

The specified RWS terminal is down.

Contact your local Sperry representative.

MC#09 cca-name RWS ■ PGROUP(rr) UP

The specified RES poll group is up.

No action is required.

MC#11 cca-name CA ccpp ■ tttt { LINE / TERM } DWN. ICAM
ERR OVL32 { s-ssss / m#-mmm }

The designated line or terminal is down.

Contact your local Sperry representative.

MC#12 cca-name IS AN RBP NETWORK. UP/DO OR LINE/TERM PROHOBITED

Unsolicited keyins to up or down an RBP line are not permitted.

Shut down RBP to free the line.

MC#13 cca-name CA ccpp ■ tttt I/O ERROR. { LINE / TERM } DOWN

The remote device handler has encountered a protocol error. Terminal or multiplexer is responding but incorrectly. The terminal specified is marked down.

MC#14 cca-name CA ccpp lll tttt UNKNOWN TERM: RID=rr SID=ss

The remote device handler is receiving input from a terminal that is not defined in the network. The remote ID and the station ID of the unknown terminal are provided by rr and ss.

MC#15 cca-name CA ccpp lll tttt DOWN TERM NOW MARKED UP

Input has been received from the terminal specified, which had been marked down. The terminal is marked up.

MC#16 cca-name CA ccpp lll tttt NTR HOST SITE NOT REPLYING

The 1100 host site has stopped communicating. Communication wil be reestablished automatically.

This is an informational message only.

MC#17 cca-name CA ccpp lll tttt DISK I/O ERROR. { LINE / TERM } DOWN

A disk error has been encountered. The line or terminal specified is marked down. Determine the cause of the down condition and issue an unsolicited UP type-in request to ICAM to reactivate the line.

MC#18 cca-name UNKNOWN RWS: RID=rr, SID=ss

Input data was received on an unknown remote workstation.

Check the network generation.

MC#19 cca-name LWS ddd lll tttt UNRECV; SENSE ssss; LINE DOWN

An unrecoverable error was returned to ICAM by the workstation access technique (WSAT) when processing an input or output command to a local workstation. The line is marked down by ICAM, and any dynamic session is aborted where:

llll
: Is the line name.

tttt
: Is the terminal name.

ssss
: Are the first two sense bytes returned in LWS command control block (CCB).

This usually indicates a hardware problem; the sense bits should help pinpoint the problem. If you cannot bring up the line using an unsolicited keyin or $$SON command, check the hardware.

MC#23 cca-name vvvv INVALID PORT NUMBER pppp

The host CCA has been configured with a logical port number that the adjacent processor doesn't have configured. vvvv is the VLINE name and pppp is the logical port number.

MC#27 cca-name cc/ppp IIII LINK INITIALIZED

When GUST initialization of a global network is complete, ICAM attempts to establish a UDLC link between two computer nodes. This message indicates successful completion where:

- cca-name is the 4-byte alphanumeric label of the CCA macroinstruction for the global network.
- cc is the 2-byte decimal number of the logical controller number specified in the VLINE macroinstruction.
- ppp is the 3-byte decimal number related to the ID parameter specified in the VLINE macroinstruction.
- IIII is the 4-byte alphanumeric label on the VLINE macroinstruction.

This is an informational message only. Proceed with desired actions. See MC#28 if link not initialized.

MC#28 cca-name cc/ppp IIII LINK DOWN ERROR CODE ee

If UDLC link between two computer nodes in a global network goes down, this message is displayed. All parameters are the same as those in MC#27, with the addition of ee as a 2-byte decimal code.

Error code ee defines the following:

Code	Explanation	Action
01	Command reject	Software problem. Contact local Sperry representative.
02	Bus-out check	Hardware problem. Contact local Sperry representative.
03	Channel error	Same as 02
04	DSR off	Same as 02
05	Open line	Same as 02
06	Disconnect	Same as 02
07	Unit exception	Same as 02
08	Input message length exceeded	Same as 02
09	Response timeout-retry count exhausted	Same as 01
10	Recoverable output error-retry count exhausted	Same as 02
11	Unexpected SABM received	Same as 01
12	Local station disconnected	Same as 01
13	Remote station disconnected	Same as 01
14	Invalid/not implemented control field FRMR exception condition	Same as 01
15	S/U frame illegally containing I field FRMR exception condition	Same as 01
16	I field too long FRMR exception condition	Same as 01
17	Invalid N(R) FRMR exception condition	Same as 01

MC#29 SLCA LOAD ERROR ccpp error-code

An error was encountered when loading an SLCA where cc specifies the hardware channel number and pp specifies the SLCA number. Error-code defines the following:

Code	Explanation	Action
01	RAM not loaded	Reload ICAM and continue. If error persists, contact local Sperry representative.
02	Program alert	Same as 01
03	Load RAM record error	Hardware problem. Contact Sperry representative.
04	Load RAM sequence error	Same as 03
05	Checksum error	Same as 03
06	Overall checksum error	Same as 03
07	Main storage address error	Same as 03
08	Bus-in check	Same as 03
09	RAM parity error	Same as 03
0A	PIU parity error	Same as 03
0B	Bus-out check	Same as 03
0C	Read memory sequence error	Same as 03
80	Command reject	Same as 03
81	Attach error	Software problem. Contact Sperry representative.
83	Detach error	Same as 81
85	Load phase error	Update system directory file. If problem persists, contact your Sperry representative.
87	System definition file open error	Same as 85
89	System definition file access error	Same as 85

MC#37 SLCA DUMP ERROR ccpp error-code

A single line communications adapter dump error has been encountered. This error message appears on the operator console, where cc specifies the hardware channel number and pp specifies the SLCA number. The error-codes are the same as the error-codes given for message MC#29.

This message also appears if you try to dump an auto-dial SLCA, since it has no RAM memory.

MC#38 SLCA DUMP INVAID SPECIFICATION ccpp

An invalid channel number and/or SLCA number was specified on the SLCA dump command. Valid channel numbers (cc) are 02 (Series 90) and 13 or 15 (System 80). Valid SLCA numbers (pp) are 08 to 15 (Series 90) and 01 to 14 (System 80).

Reenter the command with valid numbers.

MC#41 cca-name trunk-number INITIALIZED

The public data network on the specified trunk is initialized.

No action is required.

MC#42 NO PDN GENERATED - PDN COMMAND REJECTED

An unsolicited public data network (PDN) command was issued, but the PDN code was not included in the user's ICAM.

MC#43

This message is a general message that may display a response to a line status command, a line command error, or multiple error diagnostics and status tables. It may appear in one of several different formats, all of which are shown and explained in the following messages.

MC#43 llll CONNECTED STATE { **BTOB** / **INIT** / **DATA** / **RSET** / **RJCT** / **DSCP** / **DISC** }

llll PHYSICALLY DISCONNECTED

llll LOGICALLY DISCONNECTED

llll { **STAT** / **TEST** / **CONN** / **DISC** } **COMMAND SYNTAX ERROR**

This message is in response to a line status command or a line command in error. If the status command is valid, the connected state is displayed as follows where llll is the line name:

BTOB	Back-to-back indicates a special test cycle state entered by operator.
INIT	In initialization state
DATA	Data transfer state
RSET	Reset in progress
RJCT	Frame reject in program (protocol error)
DSCP	Disconnect in progress
DISC	Disconnected state

If the status is in a disconnected state, a second message is presented identifying a logical or physical disconnection. If the command was entered in error, an error message is displayed as follows:

STAT	Status command had a command syntax error.
TEST	Back to back test command had a command syntax error.
CONN	Connect command had a comman syntax error.
DISC	Disconnect command had a command syntax error.

Information message only. If syntax was in error, reenter command.

MC#43 PDN pdn-name NOT FOUND

This version of the MC#43 message gives the symbolic name of a missing PDN macro in the CCA.

MC#43 TRUNK trunkname NOT FOUND

This version of the MC#43 message gives the symbolic name of a missing TRUNK macro in the CCA.

MC#43 LINK linkname NOT FOUND

This version of the MC#43 message gives the symbolic name of a missing VLINE macro in the CCA.

MC#43 VCT STATE TYPE TRUNK SUBS
vvvv sssssss ttt rrrr uuuu

This version of the MC#43 message appears at the beginning of a table displaying the status of all VCTs on the specified trunk rrrr. The second and subsequent lines of the message form the table itself. The state sssssss can be one of the following:

RNR	Receive not ready
WCLOSED	Window closed
RESET	Issuing reset
CLEAR	Clear in progress
RESTART	Restart in progress
CALL	Call in progress
UNUSED	Not currently in use

The type field ttt can be one of the following:

P	Permanent virtual circuit
S	Switched virtural circuit
C	Control circuit
I	Incoming only
O	Outgoing only
B	Both incoming and outgoing
M	Multiplexed
D	Dedicated

The rrrr field is the symbolic name of the TRUNK macro in the CCA. The uuuu field is the symbolic name of the SUBS macro defining the subscriber.

MC#43

TRUNK SUBS STATUS
tttt uuuu { ACTIVE / INACTIVE } { UP / DOWN }

This version of the MC#43 message displays the status of all subscribers on the trunk. It displays one header line followed by one or more lines giving the actual status of the subscribers. Field tttt is the symbolic name of the TRUNK macro in the CCA. Field uuuu is the symbolic name of the SUBS macro defining a subscriber. The status of a subscriber may be:

ACTIVE	Connected
INACTIVE	Not connected
UP	In use
DOWN	Not in use due to an unrecoverable network problem

MC#43 TRUNK tttt LINK llll { PHYSICALLY DISCONNECTED / LOGICALLY DISCONNECTED / CONNECTED STATE=state }

This version of the MC#43 message displays the status of a specific link. Field tttt is the symbolic name of the TRUNK macro in the CCA. Field llll is the symbolic name of the LINK macro in the CCA. In the field CONNECTED STATE, state may be one of the following:

BTOB	Back-to-back indicates a special test cycle state entered by operator.
INIT	In initialization state
DATA	Data transfer state
RSET	Reset in progress
RJCT	Frame reject in program (protocol error)
DSCP	Disconnect in progress
DISC	Disconnected state

MC#44 STAGING BUFF SATURATION CREATED DATA LOSS ON filename

Staging buffer saturation has occurred in an ICAM session with journaling. Data loss has occurred on the specified journal file.

Increase the number of staging buffers on BUFF parameter of JRNFILE macro in CCA definition.

MC#45 STAGING BUFFER SATURATION OCCURRED nn TIMES

Staging buffer saturation has occurred in an ICAM session with journaling. The number of times saturation occurred is reported when the network is released.

Increase the number of staging buffers on the BUFF parameter of JRNFILE macro in CCA definition.

MC#47 OPERATOR MESSAGE HAS INVALID COMMAND CODE: ccccc

Either an ICAM symbiont command code was unrecognizable or a remote batch processor (RBP) command was used incorrectly. ccccc supplies the first five characters of the invalid command.

ICAM symbiont command codes must be either two or four bytes long followed by a space or comma.

An RBP command is incorrect if used in the following ways:

- If the symbiont does not contain an RBP network, all RBP commands are rejected.
- If the RBP network is in the act of being shut down, all RBP commands are rejected.
- If the RBP network is active, the RB command is rejected.
- If the RBP network is shut down, any command except the RB command is rejected.

Correct the command code, check the status of the RBP network, and reenter the command.

MC#48 NO GLOBAL NET IN ICAM OR GLOBAL NET INACTIVE/NOT-NAMED

A public data network command or the GU command has been entered under one of the following conditions:

- The ICAM symbiont does not contain a global network.
- The ICAM symbiont contains a global network, but it is not active. GUST has not done a NETREQ yet.
- The ICAM symbiont contains an active global network, but the network name in the command is incorrect.

Check the ICAM symbiont that was loaded and reenter the command.

MC#49 CAN'T FIND NETWORK NAME IN cccc COMMAND.

Illegal command punctuation makes it impossible to locate the network name (cca-name). cccc represents the first four characters of the command that produced this message.

Correct and reenter the command.

MC#50 cca-name CA ccpp MI tttt INPUT PARITY ERROR. {LINE / TERM} DOWN

An input parity error has been encountered for the line and terminal on the channel-port specified. The line or terminal has been marked down.

A line request should be issued.* If problem persists, contact your commmunications carrier representative.

**If the network is a global or dedicated RBP network, ICAM initiates the line request. If the network is a dedicated IMS or BEM network, the operator issues an UP command. For other types of networks, the operator or user program should initiate the line request.*

MC#51 cca-name CA ccpp HH tttt SOFTWARE TIMEOUT {LINE / TERM} DOWN

This message is generated by ICAM to indicate that a response from the line and/or terminal was not received within the allotted time. A timeout status is sent to the remote device handler for the line and/or terminal specified. The line or terminal has been marked down.

Check terminal for proper connection. A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#52 cca-name CA ccpp HH tttt LOST CARRIER {LINE / TERM} DOWN

A loss of carrier status was presented to the 90/30 processor for the line and/or terminal specified. The line or terminal has been marked down.

A line request should be issued.* If problem persists, contact your communications carrier representative.

MC#54 cca-name CA ccpp HH tttt INPUT OVERRUN. {LINE / TERM} DOWN

The input has been overrun. The line or terminal has been marked down.

A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#56 cca-name CA ccpp HH tttt CA TIMEOUT. {LINE / TERM} DOWN

This is a hardware generated message indicating that a line procedure timeout status was presented to the processor for the line and/or terminal specified. The line or terminal has been marked down.

A line request should be issued.* If problem persists, contact your communications carrier representative.

MC#57 cca-name CA ccpp HH tttt ABANDON-CALL/RETRY. {LINE / TERM} DOWN

An abandon call and retry status was presented when automatic dialing was attempted. Line or terminal specified has been marked down.

A line request should be issued.* If problem persists, contact your communications carrier representative.

MC#58 cca-name CA ccpp HH tttt BUSY AT SIO TIME. {LINE / TERM} DOWN

A command was issued to the line specified on the channel-port specified but the channel-port returned a busy condition code. The line or terminal specified has been marked down.

A line request should be issued.* If the problem persists, contact your local Sperry representative.

**If the network is a global or dedicated RBP network, ICAM initiates the line request. If the network is a dedicated IMS or BEM network, the operator issues an UP command. For other types of networks, the operator or user program should initiate the line request.*

MC#59 cca-name CA ccpp lll tttt ABORT CHAR RECEIVED. {LINE / TERM} DOWN

An abort character has been received from the line and/or terminal specified. The line or terminal specified has been marked down.

MC#60 cca-name CA ccpp lll tttt OPEN LINE. {LINE / TERM} DOWN

An open line status has been presented to the processor for the line and/or terminals on the channel-port specified. The line or terminal specified has been marked down.

A line request should be issued.* If problem persists, contact your communications carrier representative.

MC#61 cca-name CA ccpp lll tttt DISCONNECTED. {LINE / TERM} DOWN

A disconnect status has been presented to the processor for the channel-port specified. The line or terminal specified has been marked down.

A line request should be issued.* If the disconnect was not expected and the problem persists, contact your communications carrier representative.

MC#62 HALT SENT R,C

The halt command was sent.

A response with R will restart the ICAM slave mode driver (IDES network) operations (R=ready to go data). Respond with C to terminate the job (C=cancel).

MC#63 HALT-GO-VOICE RECEIVED R,C

The halt-go-voice command was received. The remote device is in a halt state. The remote operator wishes to have voice communications with the host operator.

Responses R and C will cause the same operation as for message MC#62 above.

MC#64 INPUT ABORTED

The input from the host to the IDES network has been aborted. The abort was caused by operator intervention or by RDH action to an error condition.

No action is required by console operator. Remote operator may again attempt to send input.

MC#65 OUTPUT ABORTED

The output being supplied to the host by the IDES network has been aborted. The abort was caused by operator intervention or by RDH action to an error condition.

MC#66 INVALID MCT STATUS

An invalid status has been returned to the ICAM IDES network. The job will terminate.

**If the network is a global or dedicated RBP network, ICAM initiates the line request. If the network is a dedicated IMS or BEM network, the operator issues an UP command. For other types of networks, the operator or user program should initiate the line request.*

MC#67 INITIALIZATION ERROR

The network descriptor card in the IDES network is not present in the run stream, or an initialization error status has been received. Initialization errors may be caused by an invalid network name or password supplied on the network descriptor card.

MC#68 (T)erminate, (B)reak, (R)eady, (6), (8)

Indicates a special forms message has been received from an 1100 host system. A response of T will terminate the slave mode driver; B will breakpoint the current printfile and send READY; R will send READY; 6 loads the 6LPI VFB and breakpoints the file if the slave mode driver was using an 8LPI VFB; 8 loads the 8LPI VFB and breakpoints the file if it is needed.

MC#69 cca-name CA ccpp lll tttt UNIT EXCEPTION. {LINE / TERM} DOWN

The communications adapter is offline. The line or terminal specified has been marked down.

Place the communications adapter online. A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#70 cca-name CA ccpp lll tttt COMMAND REJECT. {LINE / TERM} DOWN

A command reject status was presented to the processor for the line and/or terminal specified on the channel-port specified. This error message indicates either an invalid command was issued to the channel-port specified (software error) or there is no line adapter in the channel-port specified. The line or terminal specified has been marked down.

Check to see if line adapter is connected. A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#71 cca-name CA ccpp lll tttt BUS OUT CHECK. {LINE / TERM} DOWN

A bus out check status was presented to the processor for the line and/or terminal specified on the channel-port specified. This error message indicates hardware problems in the integrated peripheral channel (IPC). The line or terminal specified has been marked down.

A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#72 CHANNEL LOGOUT ERROR ON CHAN=cc

A hardware channel error was reported to ICAM. The error is logged for maintenance reference and the channel is reset to continue communication activities.

If this error continues to occur, DOWN all lines on the channel in error and contact your local Sperry representative.

**If the network is a global or dedicated RBP network, ICAM initiates the line request. If the network is a dedicated IMS or BEM network, the operator issues an UP command. For other types of networks, the operator or user program should initiate the line request.*

MC#73 cca-name CA ccpp lll tttt CA INITIALIZATION ERROR

Errors occurred on the channel-port specified while the communications adapter (CA) was being initialized. This error means the CA cannot be initialized. The channel-port specified has been marked down.

A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#74 cca-name CA ccpp lll tttt IMPROPER STATUS. {LINE / TERM} DOWN

An improper status has been presented to the processor from the communications adapter (CA) on the channel-port specified. This message also indicates hardware problems in the CA. The line or terminal specified has been marked down.

A line request should be issued.* If the problem persists, contact your local Sperry representative.

MC#75 cca-name CA ccpp lll tttt DATA SET READY OFF. {LINE / TERM} DOWN

A data set ready off status has been presented to the processor for the line and/or terminal specified on the channel-port specified. This error message indicates the terminal operator has hung up. The line or terminal specified has been marked down.

A line request should be issued.* If the disconnect was not expected and the problem persists, contact your communications carrier representative.

MC#76 cca-name CA ccpp lll tttt TIMEOUT. ACU PORT ccpp/s DOWN.

A dial command issued to an automatic calling unit port (acu) timed out. The acu port, ccpp/s, where s is the SLCA subport on which the timeout occurred, is marked down.

A line request should be issued.* If the problem persists, contact your communications carrier representative.

MC#77 cca-name CA ccpp lll tttt DIAL TIMEOUT. DATA PORT DOWN

A dial command issued to port pp (referenced in message MC#76) timed out. Data port pp is marked down. Messages MC#76 and MC#77 are always sent to the console as a pair.

A line request should be issued.* If the problem persists, contact your communications carrier representative.

MC#78 PDN INTERNAL ERROR – error-code

An unrecoverable interface error was detected during PDN processing. The error-code is one of the following:

01	Bad request queued by PDN level
02	Bad request from remote interface manager (RIM)
03	Bad return code from PDN level

Contact your Sperry representative.

** If the network is a global or dedicated network, ICAM initiates the line request. If the network is a dedicated IMS or BEM network, the operator issues an UP command. For other types of networks, the operator or user program should initiate the line request.*

MC#79 RESOURCES NOT AVAILABLE – error-code

An unrecoverable interface error was detected during PDN processing. Error-code is one of the following:

01 UDUCT pool is exhausted (not fatal).

02 ARP pool is exhausted (fatal).

03 Link buffer pool is exhausted (fatal).

04 Link buffer size generated incorrectly (fatal).

Check the sizes specified in network definition and enlarge. Correct and regenerate ICAM networks.

MC#80 NETWORK cca-name INACTIVE, OR UNKNOWN.

The network name (cca-name) does not correspond with the name of any network owned by the ICAM symbiont.

Additionally, this message will be produced if any of the following occur:

- The network is presently being released.
- Network activation is presently still incomplete.
- The network is inactive.

Resubmit command with correct network name after checking status of network.

MC#81 NETWORK cca-name OUT OF BUFFERS. PLEASE REENTER COMMAND.

ICAM response to an unsolicited message. The network associated with your job had an ARP pool that is temporarily empty. ICAM could not process the request.

Type in your request again.

MC#82 cca-name HAS NO LINE NAMED lll.

ICAM response to an unsolicited type-in request. The line could not be found in the network associated with your job.

Recheck the line name and type in the request again.

MC#83 cca-name HAS NO TERMINAL NAMED tttt.

ICAM response to an unsolicited type-in request. The terminal name could not be found in the network associated with your job.

Recheck the terminal name and type in the request again.

MC#84 cca-name HAS NO CHANNEL/PORT NAMED ccpp.

ICAM response to an unsolicited type-in request. If the typein was a 2-digit port number, the port number is in error. If the typein was a 2-digit channel number followed by a 2-digit port number, then the channel number, the port number, or both caused the error.

In all cases, the message insert is four characters. This means that if the typein was a 2-digit port number, the implied channel number which ICAM selected is included in the message insert.

Check the port number or channel number and reenter the request again.

MC#85 cca-name OPERATOR MESSAGE HAS INVALID FIELD: ffff

ICAM response to an unsolicited type-in request. An invalid command or command operand field was typed in. Refer to the OS/3 operations handbook operator reference, UP-8859 (current version) for the complete set of valid commands.

Use an appropriate, valid command and type in the request again.

MC#86 cca-name NO AVAILABLE PORT FOR LINE llll.

ICAM response to an unsolicited type-in request. You have requested an UP of a line but no port is available in the communications adapter for the line to be mapped to.

No action is required.

MC#87 cca-name NO AVAILABLE CA TABLES FOR LINE llll.

ICAM response to an unsolicited type-in request. You have requested an UP of a line specified by llll but no CA tables are available. Only four line disciplines can be loaded into the communications adapter at one time. A line discipline relates to a type of remote device handler. CA table space becomes available once all lines associated with a remote device handler are released, or downed via the console.

No action is required.

MC#88 cca-name LINE llll IS ALREADY { OPENED / CLOSED } .

ICAM response to an unsolicited type-in request. You have requested an UP of a line specified by llll but the line is already up, or you have completed a DO of a line specified by llll but the line is already down.

MC#89 cca-name LINE llll USED IN CN ISN'T SWITCHED/ALLOCATED.

This message specifies that the *connect* type-in request the operator used to respond to an MC#03 message was in error. The line number specified was not a switched (dial) line or it was not allocated in the network.

Check the network definition for the correct line name and reenter the *connect* type-in request to ICAM.

MC#90 cca-name { TERM tttt / PORT ccpp } MARKED { UP / DOWN }

ICAM response when an unsolicited command is accepted and executed.

No action is required.

MC#91 cca-name FOR LINE llll, LINE { REQUEST / RELEASE / CONNECT } IS COMPLETED.

ICAM response when an unsolicited type-in request is accepted and executed.

No action is required.

MC#93 cca-name LINE llll LWS NOT LOGGED ON

This message is in response to an operator UP line command. If the operator (LWS) has not logged onto the system, the line is not marked up.

Logon and retry command.

MC#94 ICAM UNRECOVERABLE DISK ERROR.

Indicates ICAM has experienced an unrecoverable disk error. In this case, ICAM cancels all its users, purges the communications adapter subsystem, takes a snap dump of memory, and then goes to end of symbiont, i.e., cancels itself.

MC#95 ICAM PROGRAM EXCEPTION.

Indicates that ICAM has experienced a program exception. ICAM cancels all users with an error code of 460, resets the communications adapter subsystem, and displays MC#96 prior to leaving the system. Appropriate dumps to identify the problem may be obtained by having a // OPTION SYSDUMP in the ICAM user program run stream. No dump is taken by ICAM itself.

MC#96 ICAM END OF SYMBIONT.

This is an informational message only, indicating that ICAM is leaving the system. This message is displayed under whatever conditions exist when ICAM leaves the system. This may be in an orderly manner, such as when the last ICAM user program goes to end of job (EOJ) or when an operator issues a GUST SHUTDOWN in a global environment. It may also be due to an error condition, such as when ICAM experiences a program exception or an unrecoverable disk I/O error or when the operator cancels ICAM.

MC#98 cca-name CA ccpp llll tttt SET SLCA MODEM ON AUTO

You have requested a line in your network that is to be used for unattended answering.

Press the AUTO button on the data set (modem) associated with the channel and port numbers specified by ccpp to allow the remote terminal to call in.

MC#99 ICAM/SUPERVISOR SYSGEN CONFLICT

The supervisor generation (SUPGEN) parameters that you are running under do not match the generation requirements of ICAM, which is therefore cancelled.

The ICAM/SUPGEN facilities that must match are the remote batch processor (RBP) and the terminal support facility (TSF). The RBP facility is discussed in the current version of the ICAM utilities user guide, UP-8552. The TSF facility is discussed in the appropriate system installation manual. Use these manuals to identify the requirements for matching the facilities and rerun SUPGEN before reloading ICAM.

MC#100 hhmm OS/3 BATCH MONITORING

The remote station is advised that RBP is ready to accept input at this time (hhmm). This message is the key to sending input from a remote station, even for those devices that support input and output concurrently. The message is displayed at the remote station after a connection has been established or upon output completion of status messages and spooled files.

The remote station may send input anytime after receiving this message, but not before.

MC#102 hhmm JOB ACCEPTED jobname user-id

The remote station is advised that a job (jobname) submitted by the user (userid) has been accepted. The job has been submitted to the OS/3 system for execution.

No action is required.

MC#103 hhmm JOB COMPLETE jobname user-id

The remote station is advised that a job (jobname) submitted by the user (userid) has completed execution. If the job was submitted at central or if the submitting user is currently logged on, the available output is queued for printing automatically by RBP. If the submitting user is not currently logged on, he must retrieve the output at a later time with a ROUT command. Users specified as destination users on a // DST statement must also retrieve the output with a ROUT command.

MC#104 hhmm OUTPUT AVAILABLE FOR user-id FROM tttt

The central operator is advised that output from a job which was submitted at a remote station (tttt) is available for an inactive RBP user (user-id).

Contact the RBP user and advise of pending job output. If the RBP user (user-id) is active, the message is sent to the remote station.

MC#105 hhmm RLOGOFF EFFECTED BY THE SYSTEM

A remote processing session has been terminated by an RSTOP command or a new RLOGON command.

No action required.

MC#106 hhmm JOB: jobname user-id tttt dst-user-id
STATUS: status

This 2-line message appears in response to the RSTATUS command. It displays the status of all completed files of a job (jobname). The other fields furnish information depending on the type of request.

- Request status of job by remote station name

  user-id = user ID of job submitter

  tttt = name of remote station specified on RSTATUS command

  dst-user-id = user ID to whom this file is destined

- Request status of a specific job:

  user-id = user ID of job submitter

  tttt = name of remote station from which job was submitted

  dst-user-id = user ID of RSTATUS requestor

- Request status of jobs by user ID (not own user ID):

  user-id = user ID specified on RSTATUS command

  tttt = name of remote station from which job was submitted

  dst-user-id = user ID of RSTATUS requestor

  NOTE:

  User-id must be the same as the user-id of the job submitter.

- Request status of jobs by own userid:

  user-id = user ID specified on RSTATUS command

  tttt = name of remote station from which job was submitted

  dst-user-id = user ID of RSTATUS requestor

Since the log file is the last file to be closed when a job terminates, it is possible to receive a message that the job is executing, but have one or more print/punch output files available.

No action is required.

MC#107 hhmm JOB DELETED jobname { user-id / tttt } dst-user-id

This message is issued in response to a ROUT (delete) command. It advises that a job (jobname) submitted by the user (user-id) with a destination of dst-user-id has been deleted from the system. This message is also issued upon termination and spooling of a job (jobname), submitted at a remote station (tttt), that specified an invalid destination identifier (dst-user-id) on one of the // DST commands in the JCL stream. The message indicates that the spool file for that destination (dst-user-id) has been deleted from the system.

No action required.

MC#108 hhmm FROM: user-id tttt TO: user-id tttt
MESSAGE: message text

This 2-line message is generated in response to the RMSG command and is displayed at the remote station to which it has been directed. The user who is sending the message is identified by the FROM: userid and the remote station by its corresponding tttt.

The second user-id identifies the user to whom the message is being directed, if the 'U=user-id' parameter was specified on the RMSG command. The second tttt identifies the remote station to which the message is being directed, if the 'T=terminal' parameter was specified on the RMSG command.

No action is required.

MC#110 hhmm JOB REJECTED UNDEFINED ENTRY entry

The RBP system is expecting a job or RBP command and, instead, receives an undefined entry. Only the first 19 characters of the entry are displayed. The system ignores all input until it receives a valid job or RBP command.

Correct input deck and resubmit.

MC#111 hhmm JOB REJECTED SYSTEM RESOURCE UNAVAILABLE (// JOB command)

The job, identified by the // JOB command, was rejected because the system could not catalog or allocate the disk file space required to spool in the job. This message is also output under some system component failure conditions. In both cases, the RBP facility continues to look for job and RBP command input. Only the first 11 characters of the // JOB command are displayed.

Resubmit the job.

MC#114 hhmm JOB REJECTED INCOMPLETE JOB jobname

The RBP system received a line disconnect while a job was being filed. A // FIN is written to the spool file and the job is submitted to the OS/3 system for execution.

If the job does not run successfully, resubmit it.

MC#115 hhmm SYSTEM SHUTDOWN - REMOTE BATCH TERMINATING

A SHUTDOWN command has been issued and the RBP system is about to shut down.

No action is required.

MC#120 hhmm COMMAND REJECTED OPERAND ERROR command

The operand field of an RBP command is incorrect. The system does not process this command, but continues on to the next entry in the input stream. Only the first 21 characters of the command are displayed.

Determine the operand in error, correct, and resubmit the command.

MC#121 hhmm COMMAND REJECTED RSTART REQUIRED command

An RSTART command must be the first command submitted at an inactive remote workstation. The current command is rejected. The system ignores all entries in the input stream until a valid RSTART command is processed. Only the first 15 characters of the command are displayed.

Submit a valid RSTART command.

MC#122 hhmm COMMAND REJECTED RLOGON REQUIRED command

The user of a remote station is advised that he must identify himself by submitting a valid /RLOGON command. RBP will not accept any job input or /ROUT, /RMSG, or /RSTATUS commands until a valid /RLOGON is submitted. The current command is rejected. The system continues to ignore all entries in the input stream until a valid /RLOGON or /RSTOP command is detected. Only the first 15 characters of the command are displayed.

Submit a valid /RLOGON command.

MC#123 hhmm COMMAND REJECTED ILLOGICAL SEQUENCE command

An invalid command has been detected in the input stream. The command is invalid because of its position in the input stream or because it has been input through a central card reader and is valid only if entered through a remote station. Only the first 12 characters of the command are displayed.

This message will appear if a second /RSTART is detected once a valid /RSTART has been processed from that remote station; if an /RLOGOFF is detected before an /RLOGON is processed; or if an /RLOGON, /RLOGOFF, or /ROUT is detected as coming from the central card reader when it is not running on behalf of a remote station (i.e., if the first card in the deck is not an /RSTART).

Correct the command sequence and reenter.

MC#124 hhmm COMMAND REJECTED RESOURCE UNAVAILABLE command

A system component failed during the processing of a command. Only the first 10 characters of the command are displayed.

If the system is operational, attempt to reenter the command.

MC#130 cca-name ppp IIII PDN LINK DOWN ee (dddd)

Indicates that this is a public data network level 2 line link down. A malfunction has been detected where:

cca-name

Is a 4-byte alphanumeric label of the network definition CCA macroinstruction in the global network affected.

ppp

Is the decimal number of the port in the public data network link.

IIII

Is the 4-character link name.

ee

Is a 2-character decimal number specifying the error code.

dddd

Is a detailed error code used only when ee indicates a frame rejection error.

MC#132 hhmm COMMAND REJECTED JOB EXECUTING command

You are attempting to claim output from a job that is still executing. Deferred job output cannot be claimed until a job has finished execution. Only the first 17 characters of the command are displayed.

Wait for job completion before claiming output.

MC#134 hhmm COMMAND REJECTED JOB NOT IN SYSTEM jobname

You are requesting service for a job that is not in the system. If the job was in the system prior to the processing of this command, the message implies that job output has completed and all references to the job have been deleted.

No action required.

MC#135 hhmm COMMAND REJECTED INVALID RECIPIENT command

You are requesting service for a job that was not submitted by you or did not specify you as a valid output recipient. Only the first 13 characters of the command are displayed.

No action required.

MC#136 hhmm COMMAND REJECTED INACTIVE ADDRESSEE command

You have attempted to contact an inactive user or remote station through the RMSG command. Only the first 12 characters of the command are displayed.

No action required.

MC#137 hhmm NO OUTSTANDING JOBS FOR user-id

You are requesting service for a user-id that has no jobs outstanding.

No action required.

MC#140 hhmm SPOOLIN TERMINATED RESOURCE UNAVAILABLE

A system component failed during the initialization of the remote job entry symbiont.

If the system is operational, initiate system error recovery procedures.

MC#141 hhmm SPOOLIN TERMINATED COULD NOT ACQUIRE CARD READER

Input spooling not accepted; all central card readers are logically allocated to one or more system tasks.

Wait until a card reader is available.

MC#142 cca-name CA ccpp llll tttt AUTOSENSE ERROR. LINE DOWN

An auto-sense error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#143 cca-name CA ccpp llll tttt WRONG LENGTH. LINE DOWN

An incorrect length error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#144 cca-name CA ccpp llll tttt PROGRAM CHECK. LINE DOWN

A program check error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#145 cca-name CA ccpp llll tttt PROTECTION CHECK. LINE DOWN

A protection check error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#146 cca-name CA ccpp llll tttt CHANNEL DATA CHECK. LINE DOWN

A channel data check error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#147 cca-name CA ccpp llll tttt CHANNEL CNTRL CHECK. LINE DOWN

A channel control check error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#148 cca-name CA ccpp llll tttt I/F CONTROL CHECK. LINE DOWN

An interface control check error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#149 cca-name CA ccpp llll tttt CHAINING CHECK. LINE DOWN

A chaining check error occurred on line llll, channel cc, port pp, during an attempt to communicate with terminal tttt. The line is marked down. uu is the user program job number in a dedicated network or the GUST job number in a global network.

Reactivate the line with an ICAM UP command.

MC#150 hhmm REMOTE STATION NOT IDENTIFIED

The remote station has not been identified with a termid.

Enter a valid termid via an RSTART command as specified by the TERM macro in the network definition.

MC#151 hhmm MOUNT SPECIAL CARDS name FORMS

A change in printer paper or punched cards must be made before RBP can process the output file. The name of the cards or forms to be mounted is displayed in the message.

If a special form is mounted, RBP must be notified so it can begin to print the file. Notify RBP as follows:

- If the printed output was requested by a /ROUT command, one input message must be sent from the remote station. (This input may be a blank card.)
- If the printed output is immediate (was not requested by a /ROUT command), two separate input messages must be sent from the remote station: card 1, followed by EOT (double 7-8 punch from 1004 or EOT switch from DCT 2000); and card 2, followed by EOT. Cards 1 and 2 may be blank.

MC#152 hhmm DATA FILE SPOOLED NAME = file-id

This message is sent to the submitting remote station after a data file has been successfully spooled. The file-id is the 17-character file identifier from the // DATA command.

No action is required.

MC#153 ITF - DUPLICATE COPY OF SYMBIONT TERMINATED

It is possible for you to load the ICAM trace facility symbiont more than once because it is not registered in the single-copy symbiont table. At load time, the ICAM trace facility tests to see if a variable data area has been acquired. If the area is there, the ICAM trace facility assumes that a second copy has been (inadvertantly) loaded. The second ICAM trace facility terminates.

The problem has been corrected and the original copy of the ICAM trace facility is still loaded.

MC#154 ITF - NO ICAM, OR DBM OR CDi NOT CONFIGURED UNABLE TO ACQUIRE MEMORY, ITF TERMINATED TRACE DISABLED, ITF TERMINATED

When the ICAM trace facility encounters an error from which it cannot recover, it terminates, and one of the above three messages is generated. Each message corresponds to its own action.

If the first message appears and ICAM is not loaded, and the operator has ICAM load instructions, load ICAM and then reload the ICAM trace facility. If the OS/3 system has not configured dynamic buffer management, nothing more can be done until a suitable system is obtained.

If the second message appears, wait until main storage becomes available and reload the ICAM trace facility. If no other programs are loaded when this message appears, there is not enough main storage to satisfy the request for trace area. If the load entry or unsolicited command includes an EVENTS= keyword, reduce the number of entries specified and reload the ICAM trace facility. If the EVENTS keyword is not used, the ICAM trace facility default of 16K trace area is the problem, so load the ICAM trace facility and specify EVENTS= as some value less than 250.

If the third message appears, the normal way of terminating the ICAM trace facility is to delete all categories with one command or a series of commands. The net result is the same: the ICAM trace facility terminates. If the termination is unintentional, reload the ICAM trace facility and start again.

MC#155 ITF - INITIALIZED; AWAITING COMMAND

The ICAM trace facility is initialized, but no trace area has been acquired or no categories have been enabled.

Enter the TRACE=ENABLE command. Do not reload the ICAM trace facility.

MC#158 ITF - UNABLE TO ACQUIRE NEW AREA; USING OLD

When an EVENTS= specification is processed, the ICAM trace facility attempts to acquire the new area before releasing the current one. This message appears if the new area cannot be acquired.

If the number of events specified with the EVENTS= is greater than the current level (if in doubt, enter ITF TRACE=?), reduce the number and try again. If the new number is less than the current level, terminate the ICAM trace facility through the TRACE=D parameter and reload it with the EVENTS= parameter specified as a lower number.

MC#159 ITF - TRACING ENABLED

Advisory message.

No action is required unless tracing is disabled. If so, enter TRACE=D.

MC#160 ITF - ERROR: T[RACE]=E[NABLE]/D[ISABLE]

The ICAM trace facility is having a problem with the ENABLE or DISABLE command (as opposed to the EVENTS= specification on an ENABLE command). Typical problems include no space before the first category, no comma between categories, or no recognizable category.

Correct the format and reenter the command, or enter 00 ITF T=H for help.

MC#161 ITF - ERROR: E[VENTS]= SPECIFICATION

The ICAM trace facility is having a problem with the EVENTS= on an ENABLE command. There aren't enough numerics, the entry was not E= or EVENTS=, or one of the characters is nonnumeric.

Correct the format and reenter the command, or enter 00 ITF T=H for help.

MC#162 ITF - CATEGORY=_____ EVENTS=_____ BUFF ADDR=_____

This is the first of two statistical messages automatically issued when some factor has changed or in response to an unsolicited command. CATEGORY describes the type of tracing currently enabled: P (physical), N (network), L (logical), Q (queuer), or C (control). EVENTS indicates the current number of events requested. BUFF ADDR indicates the starting address of the ITF trace buffer.

No action is required, but a new command to change the statistics is permitted.

MC#163 ITF - WRAP=____ LINE=_____ DISK=____ VOL=_____ SPL=____ WRAP CNT=_____ GAP CNT=_____

This is the second of two statistical messages automatically issued when some factor has changed or in response to an unsolicited command. WRAP indicates if tracing has been stopped. LINE describes the line name being traced. DISK indicates if disk tracing is activated. VOL is the volume where the ITF disk files reside. SPL indicates if traced entries are to be copied from the ITF disk file to the OS/3 spool file. WRAP CNT displays the number of times the trace buffer is overwritten with new trace data. GAP CNT indicates that trace data is not written to the trace buffer (this condition occurs if WRAP=NO or the trace buffer is still full and could not be processed).

No action is required, but a new command to change the statistics is permitted.

MC#164 ITF - COMMANDS FOR ENABLE, DISABLE, STATS, OR HELP

This is the header for the help messages that follow.

No action is required.

MC#165 ITF - T[RACE]=E[NABLE] P,N,L,Q,C E[VENTS]=n[nnn] D[ISK]=y,vvvvvv S[PL]=y L[INE]=lll W[RAP]=y

This is the second help message.

No response is required.

MC#166 ITF - T[RACE]=D[ISABLE] P,N,L,Q,C D[ISK]=n S[PL]=n L[INE]=n W[RAP]=n

This is the third help message.

No action is required.

MC#167 ITF - { T[RACE]=? / T[RACE]=S[anything] }

This is the fourth help message.

No action is required.

MC#168 ITF - T[RACE]=H[ELP]

This is the last help message.

No action is required.

MC#169 ITF - TRACING - REENTER DISABLE COMMAND

ICAM is in control when an event is being traced; the ITF symbiont cannot terminate itself.

Reenter the DISABLE command.

MC#201 cca-name PDN LINK link-name INITIALIZED P=port-number

In a public data network (PDN) environment, the PDN link between the local DTE and the DCE has been initialized.

No action is required.

MC#202 cca-name PDN LINK link-name DOWN P=port-number EC=cause code

In a public data network (PDN) environment, the PDN link between the local DTE and the DCE has been put down because of a hardware problem described by the cause code.

Determine the problem by analyzing the cause code, correct the problem, and retry.

Cause codes, unrecoverable hardware errors:

01	Command reject
02	Bus out check
03	Channel error
04	Data set ready off, hardware connection malfunction
05	Open line
06	Disconnect error
07	Unit exception

Cause codes, recoverable hardware errors:

17	Input overrun
18	Data check, CRC error
19	Abort
20	Timer expired
21	Carrier off
22	Busy status at start I/O
41	Other error

MC#203 cca-name PDN LINK link-name CONNECTED P=port-number

In a public data network (PDN) environment, this message is displayed when the host opertor enters the unsolicited PDN connect command causing the local DTE to be connected to the DCE.

No action is required.

MC#204 cca-name PDN LINK link-name DISCONNECTED P=port-number EC=cause code

In a public data network (PDN) environment, the PDN link between the local DTE and the DCE has been disconnected; the reason is described by the cause code.

In some PDN networks, the DCE will automatically initiate the connection to the link. If this does not occur, the host operator should enter the PDN unsolicited connect command.

Cause codes during link initialization:

65 No link buffer

66 TIMEOUT

67 no SARM command

68 DM response received

69 DISC command received

Cause codes during data transfer:

81 DISC command received

82 SARM/SABM command received

83 DM response received

84 TIMEOUT

85 FRMR/CMDR response received

86 Frame rejection condition detected

Cause codes during RESET and DISCONNECT processing:

97 No SARM command received

98 No UA response received for SARM

101 No DISC command received

102 No UA response received for DISC

MC#205 cca-name PDN LINK link-name TEST COMPLETED P=port-name EC=cause code

In a DDX public data network (PDN) environment, the TEST command was issued to port indicated and results are described by the cause code. Cause code 0 indicates no error.

Check the cause codes of messages MC#202 and MC#204.

MC#206 cca-name PDN LINK link-name CMD REJECTED

In a public data network (PDN) environment, the host PDN level 2 has rejected a PDN unsolicited command. The commands are rejected either because the host operator was trying to create a state that already existed or it was an illogical command.

MC#211 PDN trunk-name - vvvv TIME-OUT FOR OUTGOING CALL

In a public data network (PDN) environment, an outgoing call was made on the specified trunk over virtual circuit vvvv. A response was not received within the proper time frame.

No immediate action is needed unless the message becomes too frequent. Then, the messages may be useful as diagnostic tools.

MC#212 PDN trunk-name - vvvv NO LINK BUFFER AVAILABLE

In a public data network (PDN) environment, ICAM was unable to obtain a link buffer while processing on the specified trunk, virtual circuit vvvv.

If the message persists, increase the number of link buffers specified in the ICAM network definition and regenerate the CCA.

MC#213 PDN trunk-name - vvvv TIME-OUT FOR OUTGOING CLEAR

In a public data network (PDN) environment, ICAM sent an outgoing clear on the specified trunk, virtual circuit vvvv, but confirmation was not received within the proper time frame.

No immediate action is required. If the problem persists, contact your PDN representative.

MC#214 PDN trunk-name - vvvv CC=cc DC=dddd RESET

In a public data network (PDN) environment, ICAM received an unrecoverable reset indicator with cause code cccc and diagnostic code dddd over the specified trunk on virtual circuit vvvv. These codes are defined in your public data network documentation.

If the problem persists, contact your PDN representative.

MC#215 PDN trunk-name - vvvv TIME-OUT ON RESET

In a public data network (PDN) environment, ICAM sent a reset request on the specified trunk for virtual circuit vvvv, but a confirmation was not received within the proper time frame.

If the problem persits, contact your PDN representative.

MC#216 PDN trunk-name CC=cccc DC=dddd RESTART ERROR

In a public data network (PDN) environment, ICAM received an unrecoverable restart indicator with cause code cccc and diagnostic code dddd on the specified trunk. These codes are defined in the public data network documentation.

This message is informational; however, it usually indicates a problem with the public data network. If the problem persists, contact the public data network representative.

MC#217 PDN trunk-name RESTART RETRY COUNT EXHAUSTED

In a public data network (PDN) environment, ICAM sent a restart request on the specified trunk, but a confirmation was not received within the proper time frame. The sequence was repeated (up to the retry limit), but no confirmation was received.

No immediate action is required; however, if the problem persists, contact your public data network representative.

MC#218 PDN remote-subscriber DATA RETRY COUNT EXHAUSTED

In a packet switched public data network (PDN) environment, ICAM sent a data packet to the specified remote subscriber, but acknowledgment was not received within the proper time frame. The sequence was repeated (up to the retry limit), but no acknowledgment was received.

No immediate action is required; however, if the problem persists, contact your public data network representative.

MC#219 PDN trunk-number - vvvv NO ARP AVAILABLE

In a public data network (PDN) environment, ICAM was unable to obtain an activity request packet (ARP) while processing on the specified trunk, virtual circuit vvvv.

If the problem persists, increase the number of ARPs defined in the ICAM network.

MC#220 PDN trunk-number - vvvv CC=cccc DC=dddd CLEAR ERROR

In a public data network (PDN) environment, ICAM received a clear indicator with cause code cccc and diagnostic code dddd on the specified trunk over virtual circuit vvvv. These codes are described in the public data network documentation.

If the problem persists, contact your public data network representative.

MC#221 PDN REMOTE SUBSCRIBER remote-subscriber-id IS DOWN

In a public data network (PDN) environment, ICAM cannot reach the remote subscriber using a call request; or a clear packet response was received indicating that the remote subscriber is down.

Call the remote subscriber on the telephone and make certain his link is enabled.

MC#222 PDN tttt-vvvv CALL REJECTED RC=error-code {blanks / diagnostic data}

An incoming call packet was received on trunk tttt over virtual circuit vvvv and was rejected for one of the following reasons (error-code):

01 Circuit vvvv was already in use.

02 In the CCA specification, incoming calls are not permitted on circuit vvvv.

03 The calling DTE address was not specified on the incoming call packet.

04 The called DTE address (specified by diagnostic data in message) on the incoming call packet does not match the DTE address on trunk tttt in the CCA.

05 The calling DTE address (specified by diagnostic data) does not match any of the DTE addresses of remote subscribers associated with trunk tttt in the CCA.

06 The reverse charge facility was requested by remote subscriber specified in diagnostic data in message, but was not specified in the CCA.

07 The closed user group code facility specified in the diagnostic data was received in the incoming call packet, but does not match the code specified for the subscriber in the CCA (subscriber also specified in the diagnostic data).

08 An unsupported user facility code (diagnostic data) was received in the incoming call packet from subscriber.

For code 01, contact your Sperry representative. For codes 03 and 08, contact your PDN representative. Codes 02, 04, 05, 06, and 07 indicate a discrepancy between the PDN specifications in the CCA and the PDN subscription specification. If no errors are found in the CCA, contact your PDN representative.

MC#228 PD LINK link-name INITIALIZED

In a circuit-switched public data network (PDN) computer-to-UTS-20X-terminal environment, the link between the local DTE and the DCE is initialized.

This is an informational message only. No action is required.

MC#229 PDN LINK link-name DOWN

In a circuit-switched public data network (PDN) computer-to-UTS-20X-terminal environment, the link between the local DTE and the DCE is marked down.

This is an informational message only. No action is required.

MC#230 RDTE-name:IC=iiii OC=oooo RB=rrrr CF=cccc SR=ssss

This is an informational message displayed in response to a NETS RDTE command for X21 circuit-switched public data networks (PDNs). RDTE-name is the name of the RDTE being queried. The remaining fields are statistics:

iiii	Number of incoming calls
oooo	Number of outgoing calls
rrrr	Number of times remote is busy
cccc	Number of calls failed
ssss	Number of retries by SLCA

This is an informational message only.

MC#231 LDTE-name: statistics

This message displays statistics that were requested by the network statistic command for the specified LDTE. This command is used with X21 circuit-switched public data networks (PDNs). The statistics this message displays may include the following:

NC	Number of times network congestion occurred
SB	Number of times the SLCA was busy
CHAN,ID	Identification of each subline belonging to LDTE
IC	Number of incoming calls received
OC	Number of outgoing calls
CM	Number of calls missed

This is an informational message only.

MC#232 CHAN=IOMP-number ID=SLCA-id line-status

This message is displayed in response to a STATUS command. The IOMP number is displayed if two IOMPs are configured. The line-status field gives the status of the line being queried and can be one of the following: IDLE, INIT IN PROGRESS, CONNECTED TO RDTE-name (if the line is connected at the time), DISCONNECTED, CONN IN PROGRESS, DISC IN PROGRESS, TEST IN PROGRESS, or FACR (facility registration) IN PROGRESS.

This is an informational message only. No action is required.

MC#233 LDTE=LDTE-name LINK=linkname ST=status #LINES=line-count

This message provides information requested by the operator through a STATUS command, for the specified LDTE and master link (linkname). The status field gives the status of the link, UP or DOWN. If there are multiple lines belonging to this LDTE, the message also gives the number of lines in the line-count field, and the status of each of these lines is displayed using message MC#232.

This is an informational message only. No action is required.

MC#234 TERM=term-name: ST={UP / DOWN} PGT=address
MODE={RWS / TERM} LINK=link-name CHAN=cc ID=pp
#SES={1 / 2} Q={H / F / C} mmmmm ...

This message displays the status for the terminal requested by the STAT command. This command is used with X.21 circuit-switched public data networks for connections between the computer and UTS 20X terminals. This is an informational message.

TERM

Is the 1- to 4-character symbolic name of the TERM macroinstruction in the CCA.

ST

Is the terminal status - UP or DOWN.

PGT

Is the poll group table-ID.

MODE

Is the operation mode - RWS or TERM.

LINK

Is the link name.

CHAN

Is the channel if the terminal is connected.

ID

Is the port if the terminal is connected.

#SES

Is the number of active sessions with this terminal.

Q

Is the queue hold status - H/F/C (hold/free/clear) - and the number of messages on the output queue.

mmmmm

Is the number of messages on the queue. If disk queueing is used, this count includes the messages in progress.

MC#235 command COMMAND {FAILED / REJECTED} EC=error-code

This is an informational message that indicates an error in console command processing for X21 circuit-switched public data networks (PDNs). The command field gives the command in error. The action taken is one of the following:

FAILED Processing of the command was terminated for reasons given in the error-code field.

REJECTED Processing could not be performed for reasons given in the error-code field.

The error-code field can contain any of the following values:

01 RDTE not in proper state to handle command; issue DISC command.

02 Line not available; wait then retry.

03 Requested line is in use; wait then retry.

04 Invalid facility request; retry.

05 No changes were specified for the CHNG or DSCT command. Correct the command and retry.

MC#236 command COMMAND ABORTED

The specified command has completed execution.

This is an informational message only. No action is required.

MC#237 RDTE-name CONNECTED

The CONNECT command has completed execution. The RDTE-name field specifies the RDTE to which the connection was made.

MC#238 CHAN=cc ID=ii INITIALIZED

This message indicates that an X21 subline has been initialized, where cc is the IOMP number of the line and ii is the SLCA number. This message applies to X21 byte-oriented protocol for circuit-switched public data networks (PDNs).

This is an informational message only. No action is required.

MC#239 CHAN=cc ID=ii DOWN

This message indicates that the specified X21 subline is down. The cc field gives the IOMP number and the ii field gives the SLCA number.

This is an informational message only. No action is required.

MC#240 INVALID {CALLED / CALLING} LINE ID ON CHAN=cc ID=ii

This informational message appears if the "validate line-id" option was specified by the user in an LDTE macro, and either:

- the actual verification failed; or
- the network does not provide the called/calling line-id.

The cc field gives the IOMP number of the line over which the call was made. For that same line, the id field gives its SLCA identification.

Check the CCA generation to ensure that the DTE addresses are correct. Make certain that the network supports the line-id validation feature.

MC#241 rrrr {ACTIVE / INACTIVE} : {DO=mmmmm DI=nnnnn / DISC TIMER=lll} CHAN=cc ID=id ST={CIP / CONN / DISC / FIP / DIP}

This message displays information requested by a STATUS RDTE command. The rrrr field gives the name of the RDTE queried. The next field gives its status, ACTIVE or INACTIVE. The field after that gives disconnect timer values in one of two forms, either as disconnect timer output (DO) and disconnect timer input (DI) values, or as a single value (DISC TIMER) for the activity timer. If the RDTE is active, more information is displayed: the IOMP number (cc), the SLCA number (id), and the RDTE status (ST), which can be one of the following:

CIP	Call in progress
CONN	Connected
DISC	Disconnected
FIP	Facility registration or cancellation in progress
DIP	Disconnect in progress

This is an informational message only.

MC#242 CALL TO rrrr FAILED - CPS=ss

The operator's call to the network has been unsuccessful. Field rrrr gives the name of the RDTE to which the call was made. Field ss is the call progress signal returned by the network.

This is an informational message only. Consult CCITT Recommendation X.96 for an explanation of call progress signals.

MC#243 {DTE / DCE} llll NOT READY

This message indicates an equipment problem. Field llll gives the name of the LDTE. If the message says the DTE is not ready, it indicates that the SLCA is inoperable. If the message says the DCE is not ready, it indicates a problem with the network.

If you got the DTE message, no recovery is available. If you got the DCE message, it is a warning to check that the DCE is powered on. If it is, then call the network and report the problem.

MC#246 RDTE rdte-name ALREADY status

This message appears in response to a DISC or CONN command to the RDTE rdte-name. The status is either CONNECTED or DISCONNECTED. This message indicates that the RDTE is already in the state requested.

This is an informational message only. No action is required.

MC#247 DISCONNECT TO rdte-name AWAITING LINK LEVEL RESPONSE

This message appears in response to a DISC command to the specified RDTE rdte-name. The disconnect processing will occur when activity with the RDTE stops.

This is an informational message only. No action is required.

MC#258 ITF - CANNOT CHANGE EVENTS= WHILE DISK OPTION ACTIVE

If disk tracing is enabled, the EVENTS= parameter cannot be changed because the size of the disk files is dependent on the EVENTS= parameter.

Disable the disk tracing processing first, then enter the TRACE=ENABLE command with the new EVENTS= parameter. Now disk tracing can be reactivated.

MC#259 ITF - CANNOT SPECIFY SPL= IF DISK OPTION NOT ACTIVE

Spooling isn't a valid option if disk tracing isn't active.

Enable disk tracing or run IED to get a listing of the trace entries.

MC#260 ITF - CANNOT SPECIFY LINE= UNLESS P CATEGORY ENABLED

Tracing a particular line is done only at the physical level.

Enable P category and reenter the LINE= parameter.

MC#261 ITF - DISK/TASK ERROR - DISK TRACING DISABLED

ITF is receiving an unrecoverable error while either reading or writing to the disk files. Disk tracing is disabled.

Restart disk tracing through the ENABLE command if disk tracing is needed.

MC#262 ITF - LINE NAME NOT VALID, OR CCA NOT ACTIVE

The line name specified on the LINE= parameter cannot be found in the CCAs loaded in the system, or it isn't active.

Look in your CCA and find the correct name of the line and reenter.

MC#263 ITF - DISK ERROR FILE(S) COULD NOT BE OPENED

ITF is unable to open the disk file.

If a data management error code has been specified, resolve the problem and reenter the command. If the problem cannot be resolved, disable disk tracing and use IED to recover the trace data.

MC#264 ITF - ERROR: D[ISK]=Y/N,vvvvvv (vvvvvv=VOLUME NAME)

ITF is unable to process the DISK parameters.

Use the correct format given and reenter.

MC#265 ITF - ERROR: S[PL]=Y/N

ITF is unable to process the SPL= parameter.

Correct the format and reenter, or enter 00 ITF T=H for help.

MC#266 ITF - ERROR: LINE=N/llll

ITF is unable to process the LINE= parameter.

Correct the format and reenter, or enter 00 ITF T=H for help.

MC#267 ITF - ERROR - UNIDENTIFIED PARAMETER

ITF is unable to process a parameter.

If you're unable to determine the incorrect parameter, enter 00 ITF T=H to get a list of all valid parameters.

MC#268 ITF - DISK TRACING ALREADY ENABLED

ITF already is using disk files to hold the trace entries.

No action is required.

MC#269 ITF - ITF TERMINATING ICAM HAS LEFT THE SYSTEM

ICAM is terminated.

No action is required.

MC#270 ITF - SPOOL/TASK ERROR - SPOOLING DISABLED

ITF is receiving an unrecoverable error while writing to the spool file. Trace spooling is disabled.

Restart the spooling through the T=ENABLE command.

MC#271 ITF - EVENTS= NOT VALID ON T=DISABLE COMMAND

The ITF symbiont will terminate as a result of the T=DISABLE.

Reload ITF with T=ENABLE and the EVENTS= parameters.

MC#272 ITF - LINE TRACING DISABLED - P CATEGORY NOT ACTIVE

The LINE= parameter cannot be invoked with the P (physical) category inactive.

Enable P (physical) tracing.

MC#273 ITF - RE-ENTER DISK PARAMETER FILES NOT CURRENTLY AVAILABLE

ITF is using the disk files for processing.

Wait and reenter the disk parameter.

MC#274 ITF - SPOOL TASK NOT ACTIVE - NO SPOOLING ALLOWED

This message is a result of ITF performing the DISK= parameter; however, the automatic spooling of trace entries cannot be activated due to a previous error.

Enter the SPL=Y parameter.

MC#275 ITF - CANNOT CHANGE EVENTS WHILE TRACING

ITF is recording the events from a previous request.

Wait until tracing is finished, then reenter the request for changing the number of events.

MC#276 ITF - INVALID OPTION(S) SPECIFIED ON T=D

ITF is unable to process one or more options.

If you're not able to determine the incorrect options, enter 00 ITF T=H to get a list of all valid options.

MC#277 ITF - ERROR: W[RAP]=Y/N

ITF is unable to process the WRAP= parameter.

Correct the format and reenter, or enter 00 ITF T=H for help.

MC#278 ITF - PACKET ERROR ON ACQ/REL BUFFER

This message appears if the number of events specified implies more main storage than the system includes.

Try again with a more reasonable specification.

MC#279 ITF - SPOOL FILE COULD NOT BE OPENED

ITF is receiving an error from data management while attempting to open a spool file.

Check that spooling has been configured in the supervisor or that the spool file is not full.

MC#280 - FILE file-name HAS BEEN BREAKPOINTED

This message is informational only. It indicates that ITF has released a print file (ITFPRnnn) to the spooler (where nnn is 001 to 999).

No action is required.

MC#281 ITF - TRACE BUFFER FULL, TRACING STOPPED

This message is informational only. It indicates that ITF has stopped tracing (the trace buffer is full) as a result of a WRAP=NO keyin. The trace buffer will not receive any additional trace data until WRAP=Y is activated.

No action is required.

MC#288 ERR - CARD INPUT SCAN COMPLETED NO CHARACTERS

A blank card was detected in the journal utility control stream. The remaining journal utility statements are checked and the job step is terminated.

Remove the card and resubmit the job.

MC#289 ERR - CARD INPUT SCAN COMPLETED INCOMPLETE SELECTION

One of the parameters on the journal utility select statement is in error. The remaining journal utility statements are checked and the job step is terminated.

Analyze the error, correct it, and rerun the job.

MC#290 ERR - CHARACTER STRING EXCEEDS LIMIT OF SELECTION STATEMENT

This message indicates a misspelled or an illegal journal utility operation. The remaining journal utility statements are checked and the job step is terminated.

Analyze the error, correct it, and rerun the job.

MC#291 ERR - INVALID SELECTION ID

The journal utility statement displayed on the printer before the error message is in error. The error is either a misspelled or an illegal operation. The remaining journal utility statements are checked and then the job step is terminated.

Analyze the error, correct it, and rerun the job.

MC#292 ERROR - EMBEDDED BLANK ON KEYWORD CONTINUATION

Continuation of the parameters must start in column 16. The remaining journal utility statements are checked and the job step is terminated.

Analyze the error, correct it, and rerun the job.

MC#293 ERR - CHARACTER STRING EXCEEDS LIMIT OF KEYWORD

A misspelled or illegal keyword parameter was detected in the journal utility statement displayed on the printer. The remaining journal utility statements are checked, and the job step is terminated.

Analyze the error, correct it, and rerun the job.

MC#294 ERROR - INVALID KEYWORD ID

The keyword parameter displayed is invalid. The remaining journal utility statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#295 SEQUENCE ERROR - OPEN PARENTHESIS

The opening parenthesis is in error on the journal utility statement displayed on the printer. The remaining journal utility statements are checked and then the job step is terminated.

Correct the error and rerun the job.

MC#296 SEQUENCE ERROR - CLOSE PARENTHESIS

The closing parenthesis is in error on the journal utility statement displayed on the printer. The remaining journal utility statements are checked and then the job step is terminated.

Correct the error and rerun the job.

MC#297 SEQUENCE ERROR - CONSECUTIVE COMMAS

Consecutive commas were detected in the journal utility statement displayed on the printer. The remaining statements are checked and then the job step is terminated.

Correct the error and rerun the job.

MC#298 SEQUENCE ERROR - BLANK COLUMN

An embedded blank was detected in the journal utility statement displayed on the printer. No embedded blanks are permitted. The remaining statements are checked and then the job step is terminated.

Correct the error and rerun the job.

MC#299 ERR - CONTINUATION COLUMN NOT BLANK

No comma was detected following the last parameter on the journal utility statement displayed but a character was found in the continuation column (column 72). The remaining statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#300 ERR - CONTINUATION COLUMN BLANK

A comma was detected following the last parameter on the journal utility statement displayed but no character was detected in the continuation column (column 72). The remaining statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#301 SEQUENCE ERROR - COMMA

A misplaced comma was detected in the journal utility statement displayed. The remaining statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#302 SEQUENCE ERROR - NON-BLANK

A nonblank character was detected in either column 1 or immediately after the operation. In both instances, a blank character must be present. The remaining statements are checked and then the job step is terminated.

Correct the error and rerun the job.

MC#304 ERROR - KEYWORD VALUES EXCEED LIMIT OF 255 CHARACTERS

The maximum number of characters for the keyword string displayed on this journal utility statement is 255. The remaining statements are checked and the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#305 ERR - CARD INPUT CONTROL STREAM ERROR

An error occurred during reading of journal utility statements. The remaining statements are not scanned, and the job step is terminated.

Analyze the error and rerun the job.

MC#306 ERR - FIRST CARD INPUT NOT /$; JOB TERMINATING

The first card of the input control stream was not a /$ card.

Correct the error and rerun the job.

MC#307 ERR - COL 1 OF CARD INPUT NOT BLANK

A nonblank character was detected in column 1 of the journal utility statement displayed. Column 1 must always be blank. The remaining statements are checked and then the job step is terminated.

Correct the error and rerun the job.

MC#308 ERR - INVALID, DUPLICATE, OR ILLEGAL USE OF KEYWORD

An invalid, duplicate, or an illegal use of the keyword parameter was detected on the journal utility statement displayed. The remaining statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#309 ERR - MANDATORY KEYWORD INVALID OR MISSING

A required keyword parameter is either invalid or missing on the journal utility statement displayed. The remaining statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#310 INSUFFICIENT MEMORY AVAILABLE.

The journal utility requires additional main storage to process the journal file as specified. A minimum of 28K bytes is recommended.

Increase the main storage size on the JOB control statement and rerun the job.

MC#311 I/O ERROR CODE nn ON filename.

An I/O error occurred while reading or writing to the named file. An explanation of the error code is found in Appendix B. The job is terminated.

MC#312 I/O OPEN ERROR ON filename.

An I/O open error has occurred on the indicated file. The remaining journal utility statements are checked and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#313 PARAM SET parameter CANCELLED DUE TO ERROR DETECTED.

The parameter on the journal utility statement noted in the message was deleted from further processing due to error detected. The remaining journal utility statements are checked and then the job step is terminated.

Correct the parameter and rerun the job.

MC#314 PARAM SET parameter OUTPUT CANCELLED, NO DATA FOUND.

The parameter criteria specified on the PARAM SET number cannot be found in the data. No output is generated. The job step is terminated.

This message is informational only; no action is required.

MC#315 NO LINE OR TERMINAL STATISTICS ARE PRODUCED

This message indicates that the input journaling file does not contain performance records.

This message is informational only. Check ICAM network definition.

MC#316 DATA BLK SIZE EXCEEDS MAX - IGNORE REST OF BLKS

The block size read is larger than the block size specified in the DTF. The excess blocks are ignored. The output shows only the blocks read. This could happen if the ICAM session terminated abnormally and the file was reused.

If output is not desirable, then file must be recreated.

MC#321 OPERAND CONTAINS AN INVALID DECIMAL STRING.

The operand value displayed on the journal utility statement contains more than seven characters or the characters are not numeric. The remaining journal utility statements are checked and then the job step is terminated.

Correct the parameter and rerun the job.

MC#322 OPERAND CONTAINS AN INVALID HEXADECIMAL STRING.

A hexadecimal string contained more than eight digits, or had no closing quote, or had characters which were not hexadecimal digits. The journal utility operand is ignored, the remaining journal utility statements are checked and then the job step is terminated.

Correct the parameter and rerun the job.

MC#323 OPERAND DOES NOT PERMIT A RANGE OF VALUES.

A range of values was detected for a journal utility operand which does not allow ranges. Ranges may be specified only for MSI, date, and time. The operand is ignored, the remaining journal utility statements are checked, and then the job step is terminated.

Correct the parameter and rerun the job.

MC#324 INVALID JOURNAL ENTRY CLASSIFICATION.

Permitted values of the JEC keyword are: JOURN, ODNR, PERF, RESTART, and STATS. The operand is ignored, the remaining journal utility statements are checked, and then the job step is terminated.

Correct the JEC operand and rerun the job.

MC#325 OPERAND CONTAINS AN INVALID ALPHANUMERIC STRING.

The operand value on the journal utility statement contained more than eight characters, the first string character was numeric, or a string character was not alphanumeric. The operand is ignored, the remaining journal utility statements are checked, and then the job step is terminated.

Correct the operand and rerun the job.

MC#326 FILE KEYWORD HAS TOO MANY VALUES FOR THIS OPERATION.

Multiple files may only be specified for the journal utility restart operation. The operand is ignored, the remaining journal utility statements are checked, and then the job step is terminated.

Analyze the error, correct, and rerun the job.

MC#327 OPERAND VALUE IS TOO LONG.

TERMS and TERMD operands require four character values. The journal utility operand is ignored, the remaining journal utility statements are checked, and then the job step is terminated.

Correct the operand and rerun the job.

MC#328 DATE/TIME VALUE FORMAT ERROR.

The date or time specified on the journal utility statement was outside normal limits or contained too many characters. The remaining journal utility statements are checked and then the job step is terminated.

Correct the parameter and rerun the job.

MC#329 OPERAND DOES NOT PERMIT A SERIES OF VALUES.

A series of values may only be specified on the FILE, JEC, TERMS, and TERMD journal utility operands. The second and following values are ignored.

If the values are required, correct the parameter and rerun the job.

MC#330 OPERAND VALUE HAS A LENGTH OF ZERO.

A length of zero was detected for an operand value on the journal utility statement. The operand is ignored, the remaining journal utility statements are checked, and then the job step is terminated.

Analyze the error, correct and rerun the job.

MC#331 OPERAND VALUE CONTAINS BOTH COMMAS AND HYPHENS.

An operand value contained more than one hyphen, or both commas and hyphens. The journal utility operand is ignored, the remaining journal utility statements are checked and then the job step is terminated.

Correct the parameter and rerun the job.

MC#333 FILE TYPE INVALID. MUST BE SAT DISK OR TSAT TAPE.

The file control block field DF$DVC indicated an incorrect file type.

MC#334 READ FILE CONTROL BLOCK ERROR FOR filename.

The file control block for the specified file was missing or unreadable. The job control stream should be checked.

The job is terminated.

MC#335 UNSUCCESSFUL LOAD OF module-name.

The module name displayed could not be loaded into main storage due to either a hardware failure, lack of main storage size, or it cannot be found in the library.

Analyze the error, correct, and rerun the job.

MC#400 GU command INVALID COMMAND

The unsolicited typein for GUST is not in correct format, or shutdown has already been initiated for that network.

Correct format and reenter entire command if incorrect.

MC#401 GUST SHUTDOWN COMPLETE

The global network has been released.

No action required.

MC#402 CANCEL REJECTED, ISSUE SHUTDOWN COMMAND

The user tried to cancel GUST using the CANCEL operator command.

A GUST SHUTDOWN command must be issued.

MC#403 CANCEL REJECTED; SHUTDOWN IN PROGRESS

The user tried to cancel GUST while shutdown was in progress.

No action required.

MC#420 ENTER NETREQ: CCA, PASS, RESTART, LNEREQ

Enter items for global network startup (associated name, password, restart type, and line information).

Response format:

```
cccc [[,pppppppp][{Y}] [,{*                                  }]]
                  {N}    {ALL [,Y]                           }
                         {line 1[,line 2,...] [,*]           }
```

where:

cccc

1- to 4-character CCA name of global network.

pppppppp

1- to 8-character password, blank if none.

Y

Sets the RESTART flag for the NETREQ (RESTART=YES).

N

Sets RESTART=NO. This is the default.

*****

Line requests are to be issued to lines indicated only and message MC#421 is to be issued to obtain names of additional lines to be activated.

ALL [,Y]

Line request functions to be executed for all lines defined in global network during NETREQ with fatal error recovery. If ALL is followed by a Y, line errors are treated as nonfatal and the network is brought up.

line 1, line 2, ...

Specifies lines for which line requests are to be issued by GUST. Specified names must be identical to those specified in label field of related LINE macroinstructions. GUST automatically requests all virtual lines.

If no line request information is specified, GUST defaults to ALL.

MC#421 ENTER LNEREQS: LINE-1, LINE-2, ... * OR BLANK

Operator responded to MC#420 message with *. Enter names of lines to be activated.

Response format:

[line 1[,line 2], ...] [,*]

where,

line 1, line 2, ...

Names of lines to be activated via line requests. A LNEREQ statement is issued for each line name specified. Line name must be identical to that specified in label field of related LINE macroinstruction.

*

Signals GUST program to repeat this request for more line names.

MC#422 INVALID PASSWORD ON NETREQ: RE-ENTER PASSWORD

Self-explanatory.

Reenter password only in format described for message MC#420.

MC#423 ABANDON CALL AND RETRY FOR LINE: linename

This error occurred when GUST issued one of the following:

- LNEREQ macroinstruction for the line named. Message MC#421 will be issued or, if embedded GUST commands were issued, the next command will be processed.
- NETREQ macroinstruction with all lines to be activated. If the user specified nonfatal, MC#430 is issued. If fatal (default) was specified, MC#439 is issued. Any embedded GUST commands are ignored.

No action is required.

MC#424 NETWORK ALREADY ACTIVE

GUST could not acquire this network.

No action required. MC#439 is issued. Any embedded GUST commands are ignored.

MC#425 MAPPING ERROR FOR LINE: linename

This error occurred when GUST issued the following:

- LNEREQ macroinstruction for the line named. Message MC#421 is issued or, if embedded GUST commands were issued, the next data command is processed.
- NETREQ macroinstruction with all lines to be activated. If the user specified nonfatal, MC#430 is issued. If fatal (default) was specified, MC#439 is issued. Any embedded GUST commands are ignored.

No action is required.

MC#426 NO CONTROLLER AVAILABLE FOR LINE: linename

This error occurred when GUST issued the following:

- LNEREQ macroinstruction for the line named. Message MC#421 is issued or, if embedded GUST commands were issued, the next command is processed.
- NETREQ macroinstruction with all lines to be activated. If the user specified nonfatal, MC#430 is issued. If fatal (default) was specified, MC#439 is issued. Any embedded GUST commands are ignored.

No action is required.

MC#427 INVALID LINENAME: linename

This error occurred when GUST issued a LNEREQ macroinstruction.

No action required. Message MC#421 will be issued. For embedded data, the next command is processed if present.

MC#428 JOURN FILE INIT ERROR

GUST could not acquire this network.

No action required. MC#439 is issued. Any embedded GUST commands are ignored.

MC#429 LINE ALREADY ACTIVE: linename

This error occurred when GUST issued the following:

- LNEREQ macroinstruction for the line named. Message MC#421 is issued or, if embedded GUST commands were issued, the next command is processed.
- NETREQ macroinstruction with all lines to be activated. If the user specified nonfatal, MC#430 is issued. If fatal (default) was specified, MC#439 is issued. Any embedded GUST commands are ignored.

No action is required.

MC#430 GUST ACTIVE FOR CCA cccc

GUST initialization is complete for the network named.

No action required.

MC#431 CN INIT ERROR FOR LINE: linename

This error occurred when GUST issued the following:

- LNEREQ macroinstruction for the line named. Message MC#421 is issued or, if embedded GUST commands were issued, the next command is processed.
- NETREQ macroinstruction with all lines to be activated. If the user specified nonfatal, MC#430 is issued. If fatal (default) was specified, MC#439 is issued. Any embedded GUST commands are ignored.

No action is required.

MC#432 UNABLE TO LOAD CCA cccc

GUST could not acquire this network.

No action is required. MC#439 is issued. Any embedded GUST commands are ignored.

MC#433 UNRECOGNIZED ERROR CODE ee FOR: cca-name

An invalid or unrecognized error code ee was received for the cca-name as linename after a NETREQ or LNEREQ during GUST initialization.

Take a SYSDUMP when message MC#421 or MC#439 is issued.

MC#434 INVALID FORMAT: error

The reply to a GUST question is not properly formatted. Errors may occur and relevant messages will be issued to allow recovery of the situation. The message will display the part of the input reply where the error occurred.

No action required. MC#439 will be issued.

MC#435 NETREQ ERROR: TU#D - - - -

The message is filled in with the relevant error code DSECT symbol. Refer to the ICAM programmer reference, UP-8269 (current version), or to the current version of the user interface manual that you are using in your applications:

ICAM standard interface user guide, UP-8550
ICAM direct data interface user guide, UP-8549
ICAM transaction control interface user guide, UP-8551

No action is required. MC#439 will be issued. Any embedded GUST commands are ignored.

MC#439 RETRY NETREQ SEQUENCE? Y/N

A NETREQ error has occurred; the previous message has documented the error.

If the reply is Y, MC#420 will be reissued to attempt a retry at initiating the CCA. Any embedded GUST commands are ignored. If the reply is N, GUST will terminate with an EOJ.

MC#440 NO CONTROLLER AVAIL FOR LINE: linename

This error occurred when GUST issued a LNEREQ macroinstruction after a line-down notification and was unable to reactivate the line.

No action required.

MC#441 MAPPING ERROR FOR LINE: linename

This error occurred when GUST issued a LNEREQ macroinstruction after a line-down notification and was unable to reactivate the line.

No action required.

MC#442 CN INIT ERROR FOR LINE: linename

This error occurred when GUST issued a LNEREQ macroinstruction after a line-down notification and was unable to reactivate the line.

No action required.

MC#450 ERROR - CCA IS DEDICATED NOT GLOBAL

GUST can only be used with global networks.

No action required. MC#439 will be issued. Any embedded GUST commands are ignored.

MC#926 ONLY ONE CONTROL STATEMENT PERMITTED PER EXECUTION

More than one control statement was input to the journal utility. If no error is encountered, only the first control statement is executed and this message is output.

Reenter the statement not executed and continue.

MC#999 cca-name ICAM ERROR mmmmmmmm, aaaaaaaaaaaaaaaaaaaaaaaaa

An illogical condition exists within ICAM. The mmm... message insert is the name of the ICAM module that is reporting the error. The aaa... message insert is a description of the error.

Contact your local Sperry representative to report this error.

MERGE PF01 MAX INPUT FILES EXCEEDED

The number of input files allowed has been exceeded. The maximum allowed is eight. The job is terminated immediately.

Decrease the number of input files requested and resubmit.

MG01 ERROR ACCESSING {screen / menu} . MENU GENERATOR WILL END

The menu generator detected an error during an attempt to access the specified screen or menu. The integrity of the YFMT file may be affected.

Determine why the screen or menu in question was not in the menu file.

MG02 SAVE INCOMPLETE MENU MODULE? (Y)ES, OR (N)O

This message may be displayed after message MG01. It allows the user to save the incomplete menu module before the menu generator is terminated.

Respond Y to save the menu module. Respond N to terminate the menu generator.

MG03 MENUGEN WAITING FOR MEMORY. KEEP WAITING? (Y)ES; (N)O

The create function requires 8000 bytes of GETBUF storage. The user may wait until storage is available (respond Y), or terminate the menu generator (respond N).

MG04 MENUGEN TERMINATED ABNORMALLY. EXPECT SNAP DUMPS

A program check occurred or the operator cancelled the user.

Return the snap dumps to Sperry for analysis.

ML001 * INVALID COMMAND**
The requested command is not defined in MLIB. The card is ignored and the next one is read.

ML002 * COLUMN 1 NOT BLANK**
Column 1 on the command card being read was not blank. The card is ignored and the next one is read.

Change card and rerun.

ML003 * BLANK CARD ENCOUNTERED, IGNORED**
A blank card was encountered and ignored and the next one was read.

Remove the blank card and rerun the job.

ML004 * NO KNOWN COMMAND WAS FOUND ON THIS CARD.**
The parameter scan of the card reached column 72. This is an error encountered during parsing of the statement.

Correct the statement and rerun.

ML005 * END OF CARD HAS BEEN REACHED. NO OPERANDS FOUND.**
The card either contains no parameters or parameters extend beyond column 71. The card is ignored and the next one is read.

Repunch the card, inserting valid parameters or moving parameters prior to column 72, and rerun.

ML006 * ILLEGAL OPTION SPECIFIED**
The option specified is not valid for the specific operation. The card is ignored and the next card is read.

Remove the invalid option from the card and rerun.

ML007 * INVALID FILE DEFINITION**
The parameter on the FIL card was incorrectly specified. The card is ignored and the next card is read.

Correct the FIL card parameter and rerun.

ML008 * INVALID FILE NUMBER**
The file number specified is not between 0 and 29. The card is ignored and the next card read.

Correct the file number and rerun.

ML009 * DIRECTORY OVERFLOW**
The file directory is full and the file cannot be extended. The job is terminated.

Create a larger file and copy the original file to it.

ML010 * INVALID FILE NAME**
The file name specified on the FIL card is greater than eight characters. The card is ignored and the next one is read.

The file name must be eight characters or less. Correct the FIL card and rerun.

ML011 * PRINTER FAILED TO OPEN**
// LFD PRNTR was not supplied in the job control stream. Job was terminated.

Supply // LFD PRNTR and rerun the job.

ML012 * ACCESSING UNDEFINED FILE**
The file being requested was not previously defined by the FIL card. The card is ignored and the next one is read.

Insert a FIL card defining the desired file and rerun the job.

ML013 * INPUT FILE SAME AS OUTPUT FILE**
Input and output files cannot be the same files. The card is ignored and the next one is read.

Redefine the files and rerun.

ML014 * MODULE NOT FOUND**
The requested module does not reside in the file referenced.

Correct the file name and rerun the job.

ML015 * I/O ERROR ON INPUT**
An error occurred when trying to read a module.

Rerun the job. If error reoccurs, investigate possible hardware problems.

ML016 * I/O ERROR ON OUTPUT**
An error occurred when trying to write a module.

Rerun the job. If error reoccurs, investigate possible hardware problems.

ML017 * END OF FILE ON OUTPUT**
The output module is full and nonextendable.

Copy the file to a larger file.

ML018 * OPEN ERROR ON INPUT**
An error occurred when trying to open the input file.

Check to see if the file exists and rerun the job. If the problem persists, contact your local Sperry representative.

ML019 * OPEN ERROR ON OUTPUT**
An error occurred when trying to open an output file.

Check to see if the file exists and rerun the job. If the problem persists, contact your local Sperry representative.

ML020 * FILE NUMBER NOT SPECIFIED**
A default value is not allowed for the file number parameter. The card was ignored and the next one was read.

Rerun the job, specifying the appropriate file number with the parameter.

ML021 * NOTHING FOUND**
Nothing in the file meets the supplied gang criteria.

Change the gang criteria and rerun.

ML022 * INVALID PARAMETER SUPPLIED**
A nonsupported parameter was specified on the operation card. The card was ignored and the next one was read.

Correct the parameter and rerun the job.

ML023 * MLIB NOT EXECUTABLE IN DTF ONLY MODE, JOB STEP ENDED**
MLIB cannot be run in DTF only mode. It will not support DTF files.

Rerun using system generated for CDI or mixed mode.

ML024 * MLIB TOTAL ERRORS=total, UPSI=X'__ __'**
Always printed on output listing at end of job. Prints the total errors encountered and the UPSI setting.

Check listing for errors.

ML025 * LFD PREVIOUSLY ASSIGNED TO DIFFERENT FILE NUMBER**
A different file number has already been assigned to the requested LFD name. Duplicate LFD names are not allowed.

Remove the card in error and reference the file by the previously defined file number.

ML026 * DD BKSZ PARAMETER INVALID FOR MIRAM LIBRARIES**
This occurs if the DD BKSZ parameter was specified in your job control. It is invalid since MLIB always uses a block size of 2048, which cannot be overridden by a DD statement.

The user should remove this parameter and rerun the job.

MN01 file-name chan-device MENU MODULE INCONSISTENCY DETECTED
The menu processor detected a format error in a menu module in the menu file.

Retry. If the problem persists, provide a listing of menu modules involved by using the MIRAM librarian (MLIB), UP-8062 (Series 90) or UP-8841 (System 80) (current version), and contact your local Sperry representative.

MN02 file-name chan-device MENU ACTION TABLE CONTAINS BAD RECORD
The menu processor detected a format error in a menu action table module.

Retry. If the problem persists, provide a listing of menu modules involved by using the MIRAM librarian (MLIB), UP-8062 (Series 90) or UP-8841 (System 80) (current version), and contact your local Sperry representative.

MN03 file-name chan-device MENU FILE ACCESS ERROR
The menu processor detected an error while accessing the menu format file.

Retry. If the problem persists, provide a listing of menu modules involved by using the MIRAM librarian (MLIB), UP-8062 (Series 90) or UP-8841 (System 80) (current version), and contact your local Sperry representative.

MN04 file-name chan-device INVALID SUB CODE ON DMCTL MENU IMPERATIVE
An invalid DMCTL imperative was issued to the menu processor.

Correct the program and rerun.

MN05 filename chan-device RIB OPTION INVALID FOR MENU PROCESSING
The menu processor detected an invalid or inconsistent RIB option on OPEN.

Correct the program. The menu processor requires WKFM=VARI, WORK=YES, WAIT=YES, and PMODE=WSAM.

MN06 INCORRECT USE OF MENUBA COMMAND

The MENUBA menu command cannot be used as an action table item if menus are initiated by job control. The MENUBA command can only be used as an action item in a menu if that menu is called interactively with the interactive services MENU command.

Either remove the MENUBA command from the action table or process the menu using the interactive MENU command.

NOTE000–NOTE nnn message-text
These messages are generated by the RPG compiler for use by the RPG programmer.

Identify the number of the message displayed to the programmer. The message descriptions and associated corrective actions are contained in the OS/3 RPG II programmer reference manual, UP-8067 (current version).

NTR01 NTR READY VER=version-id REV=revision-id
NTR is ready to sign-on to the 1100 Series system.

Respond with the SIGN-ON command.

NTR02 SIGN-ON COMPLETE; SITE-ID=site-id
Sign-on between the NTR utility and the 1100 Series system is complete. Site-id is the value of the SITE keyword parameter from the NTR generation or the parameter value supplied with the sign-on command.

This message is informational. No action is required.

NTR03 ERROR DURING SIGN-ON SITE-ID=site-id X'site-id'
An unrecoverable line error occurred, or an invalid reply to the sign-on message has been received. NTR terminates. (NTR retries the sign-on process three times before terminating with this message.)

site-id
Is the sign-on identification used.

X'site-id'
Is the sign-on identification sent in hexadecimal (7-bit ASCII with odd parity).

Check with the 1100 Series system to see if your site-id is correct. Check to see if the physical communications are working properly.

NTR04 INVALID KEYIN _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
The specified keyin is not a recognizable keyin.

Reissue the corrected keyin.

NTR05 DEVICE nn LFD=filename IS NOT AN INPUT DEVICE
INIT DEV keyin is ignored. An output device was specified as input.

Reissue the INIT DEV with the correct input device number (or check your NTR generation).

NTR06 DEVICE nn FILE PARAMETER IS MISSING
INIT DEV keyin is ignored. The FILE parameter must be used for card readers in an OS/3 spool-in environment (only NTR LOCAL input devices).

Issue correct INIT DEV.

NTR07 DEVICE nn FILE PARAMETER IS ILLEGAL
INIT DEV keyin is ignored. The FILE parameter is only legal for spooled-in card decks (only NTR LOCAL input devices).

Issue correct INIT DEV.

NTR08 DEVICE nn IS NOT ASSIGNED
DVC-LFD sequence does not exist in the NTR jobstream for the device, or the device was not configured at NTRGEN.

Check the NTR jobstream and the NTRGEN.

NTR09 BUFFER IS NOT AVAILABLE TO PROCESS COMMAND
A buffer was not available to service an unsolicited keyin. Keyin is ignored.

Reissue the keyin at a later time.

NTR10 INVALID KEYIN, DEVICE nn IS NOT AVAILABLE
The device was not available (it is currently active). INIT DEV keyin is ignored.

Reissue the INIT DEV when the device is available.

NTR11 SIGN-ON IS ACTIVE OR SITE IS ALREADY ACTIVE
A sign-on command was keyed-in while another sign-on was active or the site was already active. The keyin is ignored.

This message is informational. No action is required.

NTR12 NTR/ICAM LINE MISMATCH
The line does not respond and NTR has again requested the line. However, the line name in the NTRGEN does not match the line name in the ICAM generation. NTR is terminated.

Regenerate and make the line names the same. Also, check to make sure the system definition utility (SDU) was run to load the proper microcode.

NTR13 DEVICE nn LFD=filename RESUMED
For an input device, the 1100 Series system has resumed processing the previously suspended device.

For an output device, the OS/3 system has requested the 1100 Series system to resume processing a printer file. (A special forms request has been recognized by the OS/3 handler.)

If LFD=SITE, the 1100 Series system has resumed site.

This message is informational. No action is required.

NTR14 DEVICE nn LFD=filename INITIALIZED
The specified device is going to receive a file from the 1100 Series system.

This message is informational. No action is required.

NTR15 DEVICE nn LFD=filename SUSPENDED
The file on the specified device has been suspended by the 1100 Series system.

This message is informational. No action is required.

NTR16 DEVICE nn LFD=filename TERMINATED
The file on the specified device has been terminated from the OS/3 console or by the 1100 Series system.

This message is informational. No action is required.

NTR17 SITE TERMINATED-UNRECOVERABLE LINE ERROR
The site has been terminated due to an unrecoverable line error.

This message is informational. No action is required.

NTR18 DEVICE nn LFD=filename TASK ATTACH ERROR error-code
An error has occurred in issuing the ATTACH macro for the task associated with the specified device. This can occur if the task parameter on the NTR JOB card is incorrect. The error displayed is the error returned by the system.

Refer to Appendix A for an explanation of the error code. Correct the error and rerun.

NTR19 DEVICE nn LFD=filename TASK DETACH ERROR error-code
An error has occurred in issuing the OS/3 macro DETACH for the task associated with the specified device. The error displayed is the error returned by the system.

Refer to Appendix A for an explanation of the error code. Correct the error and rerun.

NTR20 DEVICE nn LFD=filename FILE COMPLETE
The NTR device handler has completed EOF processig (EOT macro) for the specified device. Normal EOF has been recognized.

This message is informational. No action is required.

NTR21 DEVICE nn LFD=filename FILE TERMINATED
The NTR device handler has completed EOF processig (EOT macro) for the specified device. The 1100 Series system has directed the device to take a premature EOF.

This message is informational. No action is required.

NTR22 INVALID KEYIN, DEVICE nn IS NOT A LOCAL NTR DEVICE
INIT DEV keyin is ignored. The FILE parameter is not allowed for user-own-code tasks.

Issue correct INIT DEV.

NTR23 DEVICE nn LFD=filename ERROR IN VFB CHANGE
A change in the printer's vertical format buffer could not be made due to some I/O error (e.g., a different lines/inch). The file will be printed anyway.

If the VFB is needed, terminate the site by issuing the TERM DEV 15 command. If the // VFB statement is incorrect, correct the // VFB statement, reload ICAM and NTR, and sign-on. If the // VFB statement is correct, the cause of the error could be a printer hardware problem. Consult your local Sperry representative.

NTR24 DISPLAY REJECTED, CON IS ALREADY ACTIVE
A display to the 1100 Series console is not allowed while the RSI (console mode) is active.

Terminate the CON message sequence and resubmit the DISPLAY message.

NTR25 DISPLAY REJECTED, NULL MESSAGE
A null message cannot be sent to the 1100 Series console.

NTR26 DEVICE nn LFD=filename **WARNING - NO VFB CARD**
The NTR local printer does not contain a // VFB statement in the device assignment. The file is printed without forms control (density, length, form name).

If a // VFB statement is not needed, ignore this message. If it is needed, terminate the site (TERM DEV 15), insert a // VFB statement, reload ICAM and NTR, and sign-on.

NTR27 DEVICE nn LFD=filename IMAGE OVERRUN CONDITION
NTR has received an image for the specified device that exceeds the block size for the device. The file is given to the output device with truncated images.

Determine the correct image block size for the device and regenerate NTR.

NTR28 DEVICE nn LFD=filename IS NOT ACTIVE
A command has been entered for a device that is not currently active.

Correct command and reissue.

NTR29 PARAMETER CARD PROCESSING ERROR,

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

NTR encountered an invalid PARAM card. The flagged portion is displayed in this message.

Correct the parameter card and reissue.

NTR30 AUTOMATIC SIGN-ON ISSUED; SITE-ID=nnnnnn
The NTR automatic sign-on feature is in progress.

This is an informational message. No action is required.

NTR31 NTR IN AUTOMATIC RECONNECT TIME DELAY PERIOD; WAIT FOR SIGN-ON COMPLETE MESSAGE TO CONTINUE
NTR has received a line down condition from ICAM. After the specified time period, a reconnect will be attempted.

This is an informational message. No action is required.

NTR32 DEVnn LFD=filename ERROR UPDATING FCB ERROR=error-code
A system error was encountered while updating the file control block. Refer to Appendix A for an explanation of the error code.

This message indicates an internal operating system problem. Contact your Sperry representative.

NTR33 END QUOTE MISSING ON DISPLAY/CON
The DISPLAY or CON command is missing the end quote.

Reenter the command with an end quote.

NTR34 SITE-ID MUST HAVE SIX DIGITS
When SITE-ID is specified in a SIGN-ON command, it must contain exactly six digits or use the default value.

Reenter the SIGN-ON command with either a 6-digit site-id or no site-id specified.

NTR35 INVALID DEVICE NUMBER
The valid device numbers are 1-15.

Reenter the command with a valid device number.

NTR36 DEVICE CANNOT BE INITIATED AT THIS TIME
NTR has received a terminate site from either the 1100 console or a local console when all devices are inactive.

Retry the command at a later time.

NTR37 SIGN-ON NECESSARY BEFORE FURTHER PROCESSING
A command was attempted prior to signing onto NTR.

Sign-on first, then reissue the command.

OD001 OLDISK WAITING: HIT ANY FUNCTION KEY TO TERMINATE
On-line Disk remains active to allow the PC user to perform additional On-line Disk functions without repeating the initial startup sequence. When a user completes the On-line Disk operations, he should hit one of the system function keys to ensure OS/3 performs a timely termination of the On-line Disk job.

OD002 INVALID FILESTRING: FORMAT IS ",FILENAME,VOLUME"
The user has issued an incorrect file string specification. The filestring must conform to the ",filename,VSN" format.

OD003 SYSTEM ERROR error-code OCCURRED
An OS/3 system error has been detected by On-line Disk. The system error code is displayed in the message.

OD004 CREATE NOT DONE
Self explanatory. An additional error message accompanies this message to explain why the command was not completed.

OD005 DELETE NOT DONE
Self explanatory. An additional error message accompanies this message to explain why the command was not completed.

OD006 MOUNT NOT DONE
Self explanatory. An additional error message accompanies this message to explain why the command was not completed.

OD007 UNMOUNT NOT DONE
Self explanatory. An additional error message accompanies this message to explain why the command was not completed.

OD008 FILE NTO REMOUNTED
An attempt to mount a previously unmounted On-line Disk file has been made. The file cannot be remounted at this time. This is probably caused by another On-line Disk user having mounted this file since it was unmounted.

OD016 REQUIRED FIELD IS MISSING - field
The field name specified is required for this command.

OD017 fieldname FIELD CONTAINS INVALID VALUE
The value specified for this field name is invalid. Check the spelling or format of your entry.

OD018 INVALID CHARACTERS DETECTED IN PC FILENAME
Characters not permitted by MS-DOS have been specified in the PC filename or directory name.

OD019 fieldname FIELD PERMITTED FOR IN OR OUT COMMAND ONLY
The OPTIONS field and the IN/OUT filename field are permitted for the IN or OUT command only.

OD020 B OPTION INVALID WITH P OR L OPTIONS - OPTIONS FIELD
The B option indicates a byte-for-byte or binary copy. The P and L options are for text copies only.

OD021 P OPTION INVALID WITH IN COMMAND - OPTIONS FIELD
The P option is only valid for the OUT command. It indicates output to a printer rather than an OS/3 file.

OD022 filename LOCKED
The filename specified is in use by another job in the system.

OD023 PC FILENAME EXTENSION > 3 CHARS
The PC filename extension cannot be greater than three characters.

OD024 INVALID CHAR FOLLOWS PC FILENAME EXTENSION
A period, asterisk, or backslash (\) incorrectly follows the PC filename extension.

OD025 PC FILENAME OR DIRECTORY NAME > 8 CHARS
PC filenames (not including the extension) and directory names cannot be greater than eight characters.

OD026 INVALID PC FILENAME OR DIRECTORY NAME
The slash is incorrectly specified as the last character of the filename or the asterisk is not the only character in the filename or extension.

OD027 TO CANCEL COMMAND - FK3 / TO PROCESS - TRANSMIT
This is an informational message.

OD028 * IN PC FILENAME FIELD ONLY VALID WITH DIR OR DEL
The wildcard character can only be specified with the DIR or DEL commands.

OD029 * IN PC FILENAME FIELD INCORRECTLY SPECIFIED
The wildcard character should be the only character specified for the filename or the extension.

OD030 *WARNING* DELETING ALL FILES IN THIS DIRECTORY
This is an informational message.

OD031 IN PROCESS
This is an informational message.

OD032 VOLUME LABEL IS volume-label
This is an informational message.

OD033 VOLUME HAS NO LABEL
This is an informational message.

OD034 nnn FILE(S) nnnnnn BYTES AVAIL
This is an informational message.

OD035 **ERROR DIRECTORY NOT EMPTY**
All files within a directory must be deleted before the directory can be removed.

OD036 **ERROR ERROR ERASING FAT ENTRIES**
An error was encountered while erasing FILE ALLOCATION table entries during a DEL or RD operation. Check your PC On-line Disk file for possible corruption.

OD037 COMMAND COMPLETED - DIRECTORY WAS NOT DELETED
Self explanatory. An additional error message accompanies this message to explain why the directory was not deleted.

OD038 COMMAND COMPLETED - DIRECTORY DELETED
This is an informational message.

OD039 **ERROR - DIRECTORY NAME ALREADY EXISTS**
The directory name specified for the MD command already exists in this On-line Disk file.

OD040 **ERROR - NO SPACE AVAILABLE IN FAT TABLE**
The On-line Disk file is full.

OD041 COMMAND COMPLETED - DIRECTORY CREATED
This is an informational message.

OD042 COMMAND COMPLETED - DIRECTORY WAS NOT CREATED
Self explanatory. An additional error message accompanies this message to explain why the directory was not created.

OD043 **ERROR - NO SPACE AVAILABLE IN DIRECTORY**
There is no space available in the specified directory for the file you wish to create.

OD044 COMMAND COMPLETED - nnn FILE(S) DELETED
This is an informational message.

OD045 **ERROR COULD NOT LOCATE SPECIFIED DIRECTORY**
The directory name specified in the PC filename for the IN or OUT command is not on this PC On-line Disk file.

OD046 **ERROR IMPROPER FILENAME FORMAT**
The PC filename format for the IN or OUT command does not meet MS-DOS requirements.

OD047 **ERROR WILDCARD CHARACTERS ARE NOT SUPPORTED**
The wildcard character (*) is not permitted for the IN or the OUT command.

OD048 nnnnnn BLOCKS COPIED TO PC FILE
This is an informational message.

OD049 nnnn BYTES CONVERTED TO PC FILE
This is an informational message.

OD050 **ERROR COULD NOT LOCATE FILE**
The filename specified for the IN command cannot be found.

OD051 **ERROR CANNOT OUTPUT EXECUTABLE FILE W/O B OPTN**
The file to be copied for the OUT command is not a text file.

OD052 nnnnnn BLOCKS COPIED TO OS/3 FORMAT
This is an informational message.

OD053 nnnnn BYTES CONVERTED TO OS/3 EBCDIC FILE/ELEMEMT
This is an informational message.

OD054 FILE IS NOT AN ONLINE DISK FILE
The file exists but is not in the format of a PC On-line Disk file.

PD **(did) ALLOCATION ERROR error-code ON VOL vsn FOR FILE filename**

A space management error occurred while attempting to allocate space on the volume and file specified.

The subfile is closed and placed in a "hold" condition. Refer to error code listed in Table A-1 and take corrective action indicated.

PD **(did) COMPLETED VOLUME vsn FOR FILE filename**

The output writer function has completed processing the file indicated.

No action is required.

PD **(did) INSUFFICIENT SPACE ON VOL vsn FOR FILE filename**

An end of volume was detected on the last volume specified for the indicated file and more records remain to be processed.

The spool subfile is placed in a "hold" condition. Scratch existing file; insert // EXT statement sufficient for creation of file; delete the file and rerun job.

PD **(did) MOUNT DISKETTE VOLUME vsn FOR FILE filename *YN***

The output writer function has requested the diskette volume specified to be mounted on the device-id (did) for the file indicated.

Respond with Y if acceptable. Respond with N if mount is to be rejected.

PD **(did) NO SPACE ALLOCATED ON VOLUME vsn, FILE filename**

The indicated file was not allocated space on the specified volume.

The spool subfile is put on hold. Insert // EXT statement sufficient for creation of file; delete the file and rerun job.

PD **(did) OPEN/CLOSE ERROR error-code ON VOLUME vsn, FILE filename**

An error occurred while opening or closing the specified volume and file.

The spool subfile is placed in a "hold" condition. Refer to DMxx message and take corrective action indicated.

PD **(did) USING DISKETTE VOLUME vsn FOR FILE filename**

The output writer function is currently creating the file on the volume specified.

No action is required.

{PR / PU} (did) ALLOCATION ERR error-code ON VOL vsn

A space management error occurred while attempting to allocate space on the volume specified in response to redirecting output to disk or diskette. The output writer is terminated.

Enter HELP ECxx (or refer to Appendix A error code listing). Print/punch existent redirected output to recover space; use another disk; or do not redirect output.

Diskettes must be prepped in format label mode if the output writer is to redirect files to this medium. If prepped in data set label mode, an error code of 3C is displayed in this message.

{PR / PU / PD} (did) CURR {PAGE / CARD} =cccc, TOTAL {PAGES / CARDS} =tttttt,

COPY=nnn, BRKPT= {Y / N}

The second line of the output writer display function;

where:

did
Is device identification.

cccc
Is current card or page number.

tttttt Is total pages or cards in file.

nnn
Is remaining copies to be punched or printed.

{PR / PU / PD} (did) DEVICE xxx NOT AVAILABLE. REENTER FUNCTION

Device indicated by xxx is not available for use.

{PR / PU / PD} (did) DEVICE SWITCHED TO xxx

Device indicated by xxx has been assigned to the output writer because of a DEVICE function or by internal control. Succeeding messages will use the new device identification. Previously assigned device is returned for system use.

{PR / PU / PD} (did) DISPLAY IGNORED - FILE NOT OPEN. ENTER FUNCTION.

DISPLAY function entered and no file is currently open.

Enter function.

{PR / PU / PD} (did) ENTER OUTPUT WRITER FUNCTION

This is a request by the output writer to perform a function.

Key in a function, or terminate the output writer by pressing the TRANSMIT key or XMIT key (as applicable for your system).

PR
PU

(did) EOV ON TAPE DOING xx FUNCTION. ENTER FUNCTION

End of volume detected while positioning input tape file for output writer function designated by xx.

Enter function.

PR
PU

(did) FILE CREATED ON VOL vsn, JOB=jobname, FO=formname

The output writer completed the creation on the indicated volume of the spooled subfile identified by jobname using formname.

No action is required.

PR
PU

(did) FILE PROCESSED ON V=vsn, JOB=jobname, FO=formname

Output writer completed processing of file on the indicated volume for the spooled subfile identified by jobname using formname.

No action is required.

PR
PU
PD

(did) FILE=filename, JOB=jobname, PROG=programname, STEP=step-number

This is the first line of the output writer display function.

PR
PU
PD

(did) xx FUNCTION IGNORED - NO FILE OPEN. ENTER FUNCTION.

Output writer function designated by xx has been ignored because no subfile was open.

Enter function.

PU

(did) HOLE COUNT ERROR RECOV FAILED. ENTER R OR FUNCTION.

Attempted 10 retries of hole count error recovery for 0604 card punch subsystem and could not successfully recover.

Respond with R or enter a function.

PR
PU
PD

(did) IN COMMAND INVALID WHILE FILE OPEN. ENTER FUNCTION.

IN command was issued while output writer was processing a file.

Enter a function.

PR
PU

(did) INPUT DISK/DISKETTE INVALID. OUTPUT WRITER TERMINATED.

The disk or diskette mounted did not contain a file for output writer processing. The output writer is terminated.

PR
PU

(did) INPUT SPOOL TAPE INVALID. OUTPUT WRITER TERMINATED.

Tape mounted was not a spoolin tape. Output writer terminated.

PR
PU
PD

(did) MESSAGE REJECTED. RESPOND TO TYPEOUT

An unsolicited message has been entered while the output writer was preparing to display a message.

Respond to the output writer output message.

{PR / PU / PD} **(did) MODULE module-name COULD NOT BE LOADED**

An error occurred while loading the indicated module. The output writer is terminated.

{PR / PU} **(did) MOUNT NEXT INPUT TAPE. REPLY R OR ENTER FUNCTION.**

End of volume detected from input spool tape.

Mount next tape on same tape drive and respond with R or enter a function.

{PR / PU} **(did) MOUNT OUTPUT TAPE ON xxx. Y,N**

Output writer request to mount output tape on tape drive indicated by xxx.

Respond with Y if acceptable. Respond with N if mount is to be rejected.

{PR / PU} **(did) MOUNT VOLUME ON xxx. Y,N**

Output writer request to mount a disk or diskette on disk or diskette drive indicated by xxx.

Respond with Y if acceptable. Respond with N if mount is to be rejected.

{PR / PU / PD} **(did) NON-INTERRUPTIBLE, UNSOLICITED MESSAGE REJECTED**

An unsolicited message was typed in while the output writer was busy in noninterruptible processing. The typein is ignored.

Reenter the command later; for example, after finishing the file separator page if the typein was keyed during its printing.

{PR / PU / PD} **(did) NOT AN OUTPUT WRITER FUNCTION-REENTER**

The function keyed in is not an output writer function.

Reenter the correct function.

{PR / PU} **(did) OUTPUT WRITER COMPLETED VOLUME vsn**

The output writer function has completed on indicated volume.

No action is required.

{PR / PU} **(did) OUTPUT WRITER TAPE COMPLETED**

Output writer tape has been completed; output writer will then terminate.

{PR / PU / PD} **(did) OUTPUT WRITER TERMINATED ABNORMALLY WITH CODE xxx**

Output writer terminated abnormally due to a cancel or program check.

PU **(did) PLACE CARD NAME card-name INTO PUNCH. REPLY R**
Place cards indicated by card-name into the card punch and respond to the message with R to resume.

PR **(did) PRINTER NOT INITIALIZED. ENTER I OR FUNCTION**
The printer VFB or LCB was not loaded successfully.

Enter I to ignore the condition or enter a new output writer function.

PU **(did) REMOVE xxx CARDS FROM REJECT STACKER. RESPOND I**
This is a notification from 0604 card punch hold count error recovery to operator to remove bad cards from reject stacker.

Respond with I to continue.

{PR / PU} **(did) SAT ERR error-code ON VOL vsn, JOB=jobname, FORM=formname**
A SAT error was encountered on the indicated volume, job, and form. The file is closed.

Refer to DMxx message and take corrective action indicated.

{PR / PU / PD} **(did) SYNTAX ERROR FOR FUNCTION xx. REENTER FUNCTION**
A syntax error occurred for the function designated by xx.

Enter the function correctly.

{PR / PU} **(did) TAPE INPUT AND OUTPUT INVALID. REENTER FUNCTION**
Attempt was made to reintroduce redirected output on tape in order to process it to another tape. Redirected output can only be printed or punched when it is reintroduced.

Enter function.

PR **(did) TEST PAGE FOR FORM=formname, JOB=jobname**
****YN****
Enter Y to print a sample test lines page, or enter N to continue processing.

{PR / PU / PD} **(did) UNRECOV ERR CLOSING SUB FILE. ENTER I OR FUNCTION**
An unrecoverable error occurred while you were closing the subfile within the spool file.

Enter I to ignore the error or enter a new output writer function.

{PR / PU} **(did) UNRECOV ERR OPENING OUTPUT TAPE. ENTER FUNCTION**
An unrecoverable error occurred while opening the output tape.

Enter the output writer function.

PR **(did) UNRECOV ERR PRINTING FORM SEP. ENTER I OR FUNCTION**
An unrecoverable error occurred while printing the form separator.

Enter I if you wish to ignore the condition and discontinue printing of the form separator, or enter an output writer function.

PR (did) **UNRECOV ERR PRINTING SAMPLE. ENTER I OR FUNCTION**
An unrecoverable error occurred when printing the sample page.

Enter I if you wish to ignore the condition and start normal printing, or enter a new output writer function.

PU (did) **UNRECOV ERR PUNCHING FILE SEP. ENTER I OR FUNCTION**
An unrecoverable error occurred while punching the file separator.

Enter I to ignore the error or enter a new output writer function.

{PR / PU} (did) **UNRECOV TAPE. INPUT ERR. OUTPUT WRITER TERMINATED**

Unrecoverable error while opening file on an input tape. Output writer terminated.

{PR / PU / PD} (did) **UNRECOVERABLE INPUT ERROR. ENTER I OR FUNCTION**

An unrecoverable I/O error occurred while accessing the spool file.

Enter I to ignore the error or enter a new output writer function.

{PR / PU / PD} (did) **UNRECOVERABLE OUTPUT ERROR. ENTER I OR FUNCTION**

An unrecoverable I/O error occurred to the output device.

Enter I to ignore the error (loss of one line or card) or enter new output writer function.

{PR / PU} (did) **USING VOLUME vsn FOR JOB=jobname, FORM=formname**
The output writer is currently redirecting output to the volume, job, and form specified.

No action is required.

PR (did) **VFB/LCB COULD NOT BE COPIED. ENTER I OR FUNCTION**
The VFB or LCB could not be written to the spool file because of an I/O error.

Enter I to ignore the error or enter a new output writer function.

{PR / PU} (did) **WRONG OUTPUT DEVICE. OUTPUT WRITER TERMINATED**

Spooling tape file needs a printer or punch and output writer has been assigned a punch or printer, respectively. Output writer terminated.

PR01 **ILLEGAL DEVICE ASSIGNMENT. OUTPUT WRITER TERMINATED**
The PR command contains an illegal device assignment.

Correct the PR command and retry.

PR02 **function FUNCTION NOT PERMITTED FROM WORKSTATION**
The specified output writer function is not permitted from a workstation.

PR#01 PRTnn (jobname) PRINT READY,LINES - number-of-lines

A print file was breakpointed and is eligible for printing by the OS/3 spool output writer. The job name and the number of lines received when the file was breakpointed are displayed.

This is an informational message. No action is required.

PR#02 FCB PROCESSED

The last FB command was successfully processed.

This is an informational message. No action is required.

PR#03 PRINTER ACTIVE-FCB NOT PROCESSED

The last FB request for RMrr cannot be processed because the virtual printer is currently receiving a print file from the host of the remote ID.

Verify that the virtual printer ID entered on the FB command is correct, or wait until the active virtual printer becomes idle.

PR#04 PRTnn jobname PRINT RECEPTION STARTED

Reception of a print file, identified by jobname, has started on virtual printer nn. This message is displayed only if the user selected automatic job name/number identification on the GNVCT statement.

No action is required.

PR#05 FORM=form-name NOT IN VFBTABLE

The indicated form name was received from the host but is not present on the VFBTABLE.

Enter an FB command for the indicated form name specifying a valid VFB name that should be used when printing the file. Enter a start-print command for the host system. Make an entry for that form name on the VFBTABLE as soon as possible.

PR#06 VFB REJECTED - NO VFB=IN JCS

If special forms are to be used, the VFB= statement must be included in the RTP job control. The above message is issued if the statement is left out of the job control.

Insert the appropriate VFB= statement.

PR#99 REMOTE host-id PRINT REQUEST FOR UNASGN PRINTER

A remote host attempted to send a print file to a virtual printer that is not included in remote terminal processor (RTP) generation, or you did not include the job control statements for the real printer in the RTP execution deck.

Regenerate RTP or correct the job control stream. Reload RTP.

PS#01 **{Rmrr PRn / jobname} {ACTIVE / *IDLE*} ,F=form-name,C=vfb-name, L=number-of-lines**

This message is displayed in response to a display printer status (PS) command. It identifies the remote ID and the virtual printer or the name of the job, indicates whether the printer is active or idle, gives the form name and VFB name the printer is set up to receive and use, and provides the number of lines received since the beginning of transmission or the last breakpoint.

This message is informational. No action is required.

PTP001 DMSEL/DATA MUST BE FOLLOWED BY DMOUT
The DMSEL macroinstruction specified the DATA option and must be followed by the DMOUT macroinstruction.

Correct the program and rerun.

PTP002 DMCTL/END MUST BE FOLLOWED BY DMOUT
The DMCTL macroinstruction specified the PROG parameter (program-to-program) with the END option. The next macroinstruction must be DMOUT.

Correct the program and rerun.

PTP003 DMOUT/UNLOCK MUST BE FOLLOWED BY DMINP
When using the program-to-program facility, the DMOUT macroinstruction with the UNLOCK option must be immediately followed by a DMINP macroinstruction.

Correct the program and rerun.

PTP004 DMCTL/BEQ MUST BE FOLLOWED BY DMOUT OR DMSEL/ACT
The program-to-program parameter PROG was specified on the DMCTL macroinstruction along with the BEQ option. The next macroinstruction must be either DMOUT or DMSEL with the ACT option specified.

Correct the program and rerun.

PTP005 DMCTL/BEQ NOT AVAILABLE TO SURROGATE AP
The DMCTL macroinstruction with the program-to-program parameter (PROG) and the BEQ option specified is valid for the primary application program only.

Correct the program and rerun.

PTP006 DMCTL/END NOT AVAILABLE TO PRIMARY AP
The DMCTL macroinstruction with the program-to-program parameter (PROG) and the END option specified is valid for the surrogate application program only.

Correct the program and rerun.

PTP007 DMOUT/UNLOCK NOT AVAILABLE TO SURROGATE AP
The DMOUT macroinstruction with the UNLOCK option specified is valid for the primary application program only.

Correct the program and rerun.

PTP008 DMSEL/DACT MUST BE SENT/RECEIVED BEFORE DCLOSE
When using the program-to-program facility, a conversation abort occurs if either application program issues a DCLOSE before sending (primary application program) or receiving (surrogate application program) a DMSEL macroinstruction with the DACT option specified.

Correct the program and rerun.

PTP009 ABORT WAS RECEIVED FROM PAIRED AP
In the program-to-program environment, one application program caused an abort to be sent to the other by issuing a DCLOSE macroinstruction before sending (primary application program) or receiving (surrogate application program) a DMSEL macroinstruction with the DACT option specified.

Correct the program and rerun.

PU#01 FILE filename RECEIVED

A card file with the specified file name was received and placed in the spool file.

This is an informational message. No action is required.

PU#02 REMOTE nn INVALID DVC ID - CARD IGNORED

A host processor sent a punch record to an invalid virtual punch. The record is ignored. RTP operation continues.

No response is necessary. However, the RTP execution job control and RTP generation should be checked to make sure that the desired virtual punches are defined.

Q

QB04 START OF DBREC PHASE 1 - SELECTION OF ACTIVE RUN-UNITS
The first phase of the DBREC utility has been initiated.

QB05 END OF DBREC PHASE 1
The first phase of the DBREC utility has been executed.

QB06 START OF DBREC PHASE 2 - DATA BASE RECOVERY
The second phase of the DBREC utility has been initiated.

QB07 END OF DBREC PHASE 2
The second phase of the DBREC utility has been executed.

QB08 JOURNAL FILE IS EMPTY OR NOT CLOSED PROPERLY
User tried to execute DBREC without executing JFFIX after the system crash.

Execute JFFIX before DBREC.

QB10 DATA BASE RETURNED AS OF yy-mm-dd/hh:mm:ss.fff
Informational message.

QB12 no-of-pages PAGES WRITTEN TO THE DATA BASE
Informational message.

QB22 ERROR IN PROCESSING QBL FILE
I/O error occurred during quick-before-look file processing.

Quick-before-look file must be scratched and reallocated before DBMS start-up.

QB23 SPECIFIED DMCL MODULE CANNOT BE LOADED
DMCL does not exist in load library.

QB24 JOURNAL FILE READ ERROR
I/O error occurred while attempting to read a journal file record.

Determine what kind of I/O error occurred and respond with appropriate recovery action.

QB25 JOURNAL FILE OPEN ERROR
Self-explanatory. Message follows.

QB26 RECOVERY POINT BEYOND SCOPE OF SPECIFIED JOURNAL FILE
Check parameter specified for DBREC utility.

QB27 REQUIRED AREA LOOK IS NOT SPECIFIED FOR AREA area-name
Self-explanatory.

QB28 DATE/TIME STAMP IS OUT OF ORDER IN JOURNAL FILE
Validate data in the journal file.

QD09 HEADER BUFFERS EXHAUSTED. DBDUM TERMINATED
The security dump header buffer is exhausted. DBDUM is terminated and the dump file is not created.

Refer to the DMS system support functions user guide/programmer reference, UP-8272 (current version) for an explanation of header records. Correct input and retry.

QD12 AREA INACCESSIBLE
During the processing phase, DBDUM cannot access an area in the data base. This should not happen since availability of the data base was checked during the validation phase. DBDUM is terminated with a dump.

Submit software user report.

QD13 STATISTICS COLLECTION TERMINATED DUE TO OVERFLOW
The current limit for the number of record types in the data base was exceeded. Statistics collection is curtailed but other dump functions continue.

No response.

QD24 INVALID OR NO HEADERS TO PROCESS
Processing phase was initiated but the dump file header record was not created. DBDUM is terminated and no dump file is created.

QD26 STATEMENT NOT PROCESSED - VALIDATION
Errors were detected in the validation phase; DBDUM is terminated.

Correct syntax and retry.

QD27 UNDEFINED ENTRY
DBDUM attempted to process an invalid dump request; probably the header record was uncorrectly built or destroyed. DBDUM is terminated with a dump.

QE01 INVALID DEVICE TYPE SPECIFIED IN FIX COMMAND
The device type (tape or disk) of the journal file assigned via JCL is different from that specified in the FIX JOURNAL command.

Change the FIX syntax.

QI14 INITIALIZATION SUCCESSFUL FOR AREA area-name
DBINT confirmation message.

QI15 INITIALIZATION SUCCESSFUL FOR PAGES page-no
DBINT confirmation message.

QI19 DMS INTERNAL TABLES ERROR
Possible hardware malfunction.

Correct and retry.

QI20 PAGE INITIALIZATION NOT ALLOWED FOR INDEX AREAS
A request was made to initialize a page or a range of pages in an area that contains indexes. Index areas can only be initialized on an area basis.

Change request from page range to area range and retry.

QM00 DBMS MONITOR IS READY
Informational message indicating that DBMS monitor start-up has successfully completed.

QM01 DBMS MONITOR INTERNAL ERROR
A DBMS monitor error has occurred.

Take dump of DBMS monitor job and submit software user report.

QM04 DBMS MONITOR INIT ERROR
DBMS monitor cannot be activated due to error when attempting to acquire key 0.

Consult your Sperry system representative.

QM06 DBMS MONITOR ALREADY ACTIVE
Another DBMS monitor is already active in the system. Only one is allowed.

QM31 DBMS IS NOT PRESENT
DBMS monitor cannot continue because DBMS has terminated.

QN01 COMMAND FORMAT ERROR
The specified command was not in the correct format.

Re-enter the command in the correct format.

QN02 INVALID COMMAND
An unrecognizable command was entered.

Re-enter a valid command.

QN03 INVALID QW MESSAGE NUMBER, QWnn
An unrecognizable QWnn error message number was entered for a SNAP, CANCEL, or HPR command.

Re-enter the command with a valid QWnn error number.

QN04 INVALID DMCLNAME, dmcl-name
An unrecognizable dmcl-name was entered.

Re-enter the command with a valid dmcl-name.

QN05 INVALID PARAMETER
The specified command contained an incorrect parameter.

Re-enter the command with valid parameters.

QN06 INTERNAL ERROR, RETRY COMMAND
An undefined error occurred while processing the command.

Re-enter the command.

QN07 DMCL dmcl-name IS SHUTDOWN, COMMAND NOT HONORED
The named DMCL was shutdown because of a previous error, or the DMCL was never opened.

QN08 DMCL dmcl-name IS CLOSED, COMMAND NOT HONORED
A PERMIT IMPARTS dmcl-name command was issued to a closed DMCL.

Issue the OPEN dmcl-name command, then re-issue the PERMIT IMPARTS dmcl-name command.

QN09 DMCL dmcl-name CLOSE PENDING, COMMAND NOT HONORED
A PERMIT IMPARTS dmcl-name command was issued to a DMCL in the close pending state.

Issue the OPEN dmcl-name command, then re-issue the PERMIT IMPARTS dmcl-name command.

QN10 SHUTDOWN PENDING, COMMAND NOT HONORED
A command other than STATUS, NEGATE SHUTDOWN, or SHUTDOWN was issued while the DBMS was in the shutdown pending state.

QN11 REMAINING COMMANDS ON LINE IGNORED
An error was detected on a command contained in a multiple command statement. Commands appearing after the involved command are not processed.

Re-enter a valid command, along with the commands that were not processed.

QN12 COMMAND PROCESSOR BUSY, RETRY COMMAND
The command processor can accommodate two lines of unsolicited commands. Each line can contain multiple commands. If you enter a third command line before the first line is finished, this message is displayed.

Wait a few seconds, then re-enter the command.

QN13 OPEN ERROR ON DMCL dmcl-name
An error occurred while attempting to open DMCL dmcl-name.

Investigate cause of error, then re-enter the command.

QN14 DMCL NAME IS TOO LONG, dmcl-name
The dmcl-name contained in the command is longer than eight characters.

Re-enter the command with the corrct dmcl-name.

QN15 CLOSE ERROR ON dmcl-name
An error occurred while attempting to close the dmcl-name files.

QN16 QW MESSAGE NUMBER IS TOO LONG, QWnn
The QWnn message number entered with SNAP, CANCEL, or HPR exceeds four characters.

Re-enter the command with the correct QWnn message number.

QN21 IMPARTS PERMITTED TO DMCL, dmcl-name
Confirmation of the PERMIT IMPARTS dmcl-name command.

No action is required.

QN22 IMPARTS INHIBITED TO DMCL, dmcl-name
Confirmation of the INHIBIT IMPARTS dmcl-name command.

No action is required.

QN23 IMPARTS TO DBMS PERMITTED
Confirmation of the PERMIT IMPARTS command.

No action is required.

QN24 IMPARTS TO DBMS INHIBITED
Confirmation of the INHIBIT IMPARTS command.

No action is required.

QN25 DMCL dmcl-name IS CLOSED
Confirmation of the CLOSE command.

No action is required.

QN26 DMCL dmcl-name IS OPENED
Confirmation of the OPEN command.

No action is required.

QN27 RUN UNITS ACTIVE, CLOSE DMCL, dmcl-name PENDING
A CLOSE command was issued to a DMCL while run-units were active. The CLOSE is pended until all of the active run-units imparted to that DMCL have departed.

This is an informational message.

QN28 START LOGGING DEPARTS
Confirmation of the LOG DEPARTS ON command.

No action is required.

QN29 STOP LOGGING DEPARTS
Confirmation of the LOG DEPARTS OFF command.

No action is required.

QN30 START LOGGING RESOURCE CONFLICTS
Confirmation of the LOG CONFLICTS ON command.

No action is required.

QN31 STOP LOGGING RESOURCE CONFLICTS
Confirmation of the LOG CONFLICTS OFF command.

No action is required.

QN32 SHUTDOWN NEGATED
Confirmation of the NEGATE SHUTDOWN command. The pending shutdown is negated.

No action is required.

QN33 RELOAD SUB-SCHEMAS PENDING
Confirmation of the RELOAD SUB-SCHEMAS unsolicited command.

No action is required.

QN34 SNAP TRAP SET FOR QWnn
Confirmation of the SNAP QWnn unsolicited command.

No action is required.

QN35 CANCEL TRAP SET FOR QWnn
Confirmation of the CANCEL QWnn unsolicited command.

No action is required.

QN36 HPR TRAP SET FOR QWnn
Confirmation of the HPR QWnn unsolicited command.

No action is required.

QP04 TOO MANY RECORD TYPES ON INPUT
Correct input and retry.

QP05 NUMERIC FIELD PARAMETER RECEIVED
Field must be alphanumeric.

QP06 INVALID FIELD IN SOURCE LINE
Check numeric field parameter.

QP13 OFFSET NOT DIVISIBLE BY 4 (FULLWORD)
Check DUPL syntax for DBPAG.

QP14 CURRENT CONTENTS NOT VERIFIED
Check DUPL syntax for DBPAG.

QP15 CALC ROUTINE GENERATES PAGE NUMBER page-number
Informative message.

QP20 DATABASE PAGE HAS BEEN ALTERED
Informative message.

QQ05 DMS COMPILATION TERMINATED
DMS language processor execution has terminated prematurely because of an error.

Refer to the preceding detailed error diagnostic or, if not present, refer to the job stream output listing to determine the exact error.

QQ10 END OF FILE REACHED ON INPUT DATA
End of file detected prematurely in reading input file.

Correct the inconsistency and rerun.

QQ13 UNIDENTIFIABLE DUPL COMMAND
An invalid DUPL command was detected.

Correct and rerun.

QQ21 FATAL ERROR IN COMPILATION
Fatal error was encountered in the execution of a DMS language processor.

Investigate, correct, and rerun.

QQ23 GIVEN KEY DOES NOT MATCH key-value LOCK
Specified key value for the schema/subschema/DMCL is not binary zeros or equal to the actual lock value in the data dictionary.

Correct the inconsistency and rerun.

QQ24 DATA DICTIONARY DOES NOT CONTAIN NAMED record-name
This record is not contained in specified data dictionary.

Correct the inconsistency and rerun.

QQ25 DBA NAME IN DICTIONARY DOES NOT MATCH DATA
An invalid DBA name was detected in data dictionary.

Correct the inconsistency and rerun.

QQ26 record-name IN DICTIONARY IS INVALID OR CONTAINS ERRORS
A compromised record was detected in the data dictionary.

Correct the inconsistency and rerun.

QQ27 COMMAND DOES NOT MATCH COMPILER
An invalid DUPL command was detected in the execution of a DMS language processor.

Correct and rerun.

QQ28 ONLY "END PROCESSING" COMMAND ACCEPTED
DUPL END command is invalid or missing.

Correct and rerun.

QQ29 OUTPUT FILE lfd-name NOT DECLARED OR INCORRECT
Output file to contain DMS language processor output is not declared via a device assignment set or is incorrectly specified.

Correct job control stream and rerun.

QQ30 DTF WAS NOT FOUND FOR SOURCE INPUT FILE lfd-name
Source input file for DMS language processor is not declared via a device assignment set or is incorrectly specified.

Correct job control stream and rerun.

QQ40 UNRECOVERABLE GETCS READ I/O ERROR ENCOUNTERED
An unrecoverable I/O error has been detected on GETCS, in reading DUPL or source language input.

Examine the status and sense bytes and rerun your job. If error persists, contact your Sperry customer representative.

QQ41 LIBS UTILITY ERR library-operation ENCOUNTERED ON i/o-function FILE lfd-name MODULE module-name
An unrecoverable I/O error was detected in processing of an OS/3 SAT library file.

Investigate library file and directory status. Correct inconsistency and rerun job.

QR04 NO MATCH IN FILE FOR area-name
The specified area name is not contained in the security dump file.

Verify the requested area name and dump file and retry.

QR06 SPECIFIED FILE IS NOT A SECURITY DUMP FILE
During RESTORE FROM processing, the first record in the specified security dump file did not match the header record format. The file is closed and DBRES continuation is determined by the ON ERROR setting.

Mount the correct file and retry.

QR07 ALL AREAS DUMP NOT IN THIS FILE
The specified dump file does not contain an all-areas dump.

Verify dump file and retry.

QR08 INCOMPLETE ALL AREAS DUMP IN THIS FILE
The specified security dump file contains a partial all-areas dump. This was probably caused by a system failure during the execution of DBDUM.

QR09 SECURITY DUMP FILE NOT CREATED USING SPECIFIED DMCL
The DMCL name in the security dump file header record does not match the name specified in the DMCL IS statement. The file is closed and DBRES continuation is determined by the ON ERROR setting.

Mount the correct file and retry.

QR12 ERROR IN DISPLAY ROUTINE
Display statement processing encountered an inconsistency in the security dump file header record. The utility is terminated with a dump.

QR13 PAGE CHECK HEADER PG# = page-number, FOOTER PG# = page-number

A discrepency was detected in the data base page being restored. The page number contained in the page header is different from the page number contained in the page footer. The utility is terminated with a dump.

For page range restores, restart DBRES at the error page number + 1. For area restores, restart DBRES at the next area name.

QR14 END OF HEADER DISPLAY

Self-explanatory.

QR15 ERROR OCCURRED IN DUMPFILE AT RELATIVE BLOCK relative block number

This is the relative block number in the dump file where error QR13 or QR40 occurred.

QR20 NO MATCH IN FILE FOR THIS PAGE RANGE

The requested page range is not contained in the security dump file or it doesn't fall within the limits of an explicitly dumped range.

Verify and retry.

QR21 INVALID RESTORE REQUEST DURING PROCESSING

DBRES attempted to process an invalid restore request. This implies that the dump file header record is incorrect or destroyed. DBRES is terminated with a dump.

QR22 MAXIMUM RESTORE REQUESTS EXCEEDED

More than 255 restore requests (implied or explicit) have been stacked in format 2 of the RESTORE command.

Correct the number of restore requests and reenter the RESTORE command.

QR23 VALIDATION ERROR

Errors have been detected in the validation phase; no processing will occur.

Correct and retry.

QR24 EOF ON SECURITY DUMP FILE

An end of file was reached on the security dump file prior to completion of normal processing. DBRES is terminated.

QR25 DUMP FILE filename ALREADY OPEN. DISPLAY TERMINATED

The specified file was opened by the RESTORE FROM statement. The new file specified in the DISPLAY statement cannot be opened at this time, and display processing terminates.

Issue a DISPLAY statement for the open file.

QR26 PAGE SIZE NOT EQUAL. DUMP FILE CLOSED

The data base page size in the dump file is not the same as specified in the loaded DMCL table, or it is not equal to the page size of a previously opened dump file. The dump file is closed to prevent further processing.

Check the page size in the dump file and retry.

QR29 I/O ERROR ON SPACE INVENTORY RECORD UPDATE * error-code

A data management error occurred while updating a space inventory record.

Check data management error code.

QR30 SPACE INVENTORY ERROR * RBN=0
XR7GSP returned a relative block number of 0 for the space inventory record. DBRES is terminated with a dump.

QR31 AREA DUMP NOT COMPLETE - RESTORE NOT PERFORMED
The security dump file doesn't contain the complete area that was requested to be restored. DBRES will continue with the next statement or terminate, depending on the ON ERROR clause setting.

QR40 PAGE CHECK. PG REQUESTED=page requested, PG READ=page read
A discrepancy was detected in the data base being restored. The page number of the requested page is different from the page number just read.

QS02 ALL COMMANDS IGNORED UNTIL END
Syntax error encountered in batch job.

Check DUPL syntax.

QS03 NAME TOO LONG
Check DUPL syntax.

QS04 AREA NAME TOO LONG
Check DUPL syntax.

QS05 FILE NAME TOO LONG
Check DUPL syntax.

QS06 ILLEGAL DECIMAL NUMBER
Check DUPL syntax.

QS07 JOURNAL FILE NAME TOO LONG
Check DUPL syntax.

QS08 ILLEGAL LENGTH FOR HEXADECIMAL STRING
Check DUPL syntax.

QS09 ILLEGAL HEXADECIMAL CHARACTER
Check DUPL syntax.

QS10 ILLEGAL DATE/TIME FORMAT
Check DUPL syntax.

QS11 INPUT STATEMENT TRUNCATED
Check DUPL syntax.

QS12 WORD MISPLACED OR MISSPELLED
Check DUPL syntax.

QS13 LITERAL STRING TOO LONG
Check DUPL syntax.

QS14 FIRST CHARACTER MUST BE APOSTROPHE
Check DUPL syntax.

QS15 ILLEGAL CLAUSE
Check DUPL syntax.

QT06 JOURNAL FILE OPEN ERROR
The journal file could not be opened due to errors in program logic or JCL.

Correct the error and rerun.

QT08 JOURNAL FILE READ ERROR
An I/O error occurred while attempting to read a journal record.

Find the cause of the error (hardware or software), correct it, and rerun.

QT17 **DUPL SYNTAX ERROR**
A nonspecific error has been found in the input syntax.

Correct the command and rerun.

QT18 An invalid date/time interval has been specified.

Correct the date/time interval and rerun.

QT99 **NO RECORDS SELECTED FOR REPORT REQUESTED**
No report is made for the specified request.

QU01 **START OF DMS UTILITY *utility-name* VERSION version-number**
Self-explanatory.

QU02 **END OF DMS UTILITY *utility-name* VERSION version-number**
Self-explanatory.

QU03 **DMCL TABLES SUCCESSFULLY LOADED**
Self-explanatory.

QU04 **LOADER ERROR error-code**
Identify loader error in Table A-1 and correct problem.

QU05 **INCORRECT MODULE LOADED**
Module correctly loaded, but it cannot be verified as the correct type (i.e., DMCL, CALC, subschema) or the correct version in the case of the DMCL tables.

Verify module name, type, and version; rerun.

QU06 **FIRST COMMAND MUST BE A DMCL COMMAND**
Check DUPL command stream.

QU07 **ONLY ONE DMCL COMMAND IS ALLOWED**
Check DUPL command stream.

QU08 **UNRECOVERABLE READ ERROR ON SOURCE INPUT FILE**
Probable hardware error.

QU09 **DATABASE I/O ERROR - * error-description**
Self-explanatory. Error-description includes data management error code, if applicable.

Correct problem and rerun.

QU10 **INVALID AREA NAME * area-name**
Area name cannot be found in DMCL tables.

Verify area name.

QU11 **AREA IS SHUTDOWN * area-name**
The file containing the area in question was not open or a processing error forced shutdown.

Verify that the file is usable (i.e., online and JCL issued) and retry.

QU12 **FILE IS SHUTDOWN**
I/O required but file is shut down.

Verify that the file is usable (i.e., online and JCL issued) and retry.

QU13 **END OF FILE REACHED ON SOURCE**
Probable END command missing.

Check DUPL syntax.

QU14 INVALID PAGE RANGE
Check DUPL syntax.

QU15 TOO MANY AREA NAMES
Check DUPL syntax.

QU16 DMS UTILITY *utility-name* TERMINATED, UPSI - X'n0'
Abnormal termination message.

Check previous error messages for cause. Check program for unique UPSI settings.

QU17 DATA MANAGEMENT ERROR CODE error-code RETURNED
Check data management error codes.

QU18 INVALID DMCL TABLES
Inconsistency found in DMCL tables. Probable hardware problem.

QU19 COMMAND OUT OF SEQUENCE
DUPL command is correct but out of sequence.

Verify DUPL command sequence.

QU20 STACK TOO SMALL
Out of space in internal tables.

Make fewer requests in the variable clauses of this DUPL command.

QU21 INSUFFICIENT MEMORY IN JOB REGION
Error when attempting to load a required module.

Increase job region size and rerun.

QU22 JOB CANCELLED
Check for additional error messages.

QU23 ERROR=DMnn ERROR FLAGS=nnnn ON FILE=lfd-name
Check data management open errors.

QU24 CONTINUING WITH SYNTAX CHECKING ONLY
Self-explanatory.

QU25 RDFCB ERROR*000000nn
Check RDFCB error code in Table A-1.

QU26 INVALID LFD NAME
LFD name in job control stream doesn't match DMCL tables.

Check LFD names.

QU27 INVALID LBL NAME LBL: lbl-name
LBL name in job control stream doesn't match DMCL source.

Check LBL names.

QU28 INVALID ACCESS-CONTROL KEY
Access-control key doesn't match DMCL tables.

Check access-control keys.

QU29 KEEP IGNORED FOR lfdname
The quick-before-look keep request was ignored for the specified LFD. If this message was issued by DBREC, the request was for recovery of "ALL AREAS;" if issued for DBRES, the request was for "ALL AREAS" or a "PAGE" range. On these requests, the quick-before-look files are always logically scratched.

QU30 {DBREC / DBRES} TERMINATED WITH ERRORS, lfdname NOT SCRATCHED

Normal termination procedures, which include logical scratching of quick-before-look files, were bypassed because of previous error encountered by the utility.

If possible, correct the errors and rerun the utility; if not, scratch the quick-before-looks file(s) to avoid conpromising the data base.

QW01 DMS INTERNAL ERROR

A DBMS internal error has occurred.

Take dump of DBMS job and submit software user report.

QW02 DATA BASE WRITE ERROR

Unrecoverable I/O error has occurred while writing to data base.

Check physical device for hardware errors and rerun programs.

QW03 DATA BASE READ ERROR

Unrecoverable I/O error has occurred while reading from the data base.

Check physical device for hardware errors, correct, and rerun program.

QW04 PROGRAM CHECK IN DBMS

Program check has occurred within DBMS.

Take dump of DBMS and submit software user report.

QW05 I/O ERROR IN CONCURRENT RUN UNIT

Unrecoverable I/O error has occurred.

Check physical device for hardware errors, correct, and rerun program.

QW07 JOURNAL FILE WRITE ERROR

Unrecoverable I/O error has occurred while writing to the journal file.

Check physical device for hardware errors, correct, then restart DBMS and applications programs.

QW08 PROGRAM TERMINATION BEFORE DEPART

Application program terminated without DEPART.

Correct application program and rerun.

QW09 INVALID OBJECT SUBSCHEMA

Invalid subschema was specified.

Correct application and rerun.

QW10 MEMORY NOT AVAILABLE

Insufficient main storage specified on the DBMS job or lock space during start-up.

Increase main storage or lock space for DBMS job.

QW11 SPACE INVENTORY WRITE ERROR

Unrecoverable I/O error occurred while writing space inventory page to data base.

Check physical device for hardware errors, correct, and rerun applications.

QW12 SPACE INVENTORY READ ERROR
Unrecoverable I/O error occurred while reading space inventory page from data base.

Check physical device for hardware errors, correct, and rerun applications.

QW13 INVALID VERB NUMBER
DML verb numbers must be between 0-99.

QW14 AREA UNAVAILABLE FOR UPDATE
An area required for a data base update operation was not opened or was opened for retrieval only. The operation proceeded too far to back out with a simple DML error.

Correct OPEN statement(s) and rerun application.

QW15 RECORD UPDATE CONFLICT
Update mode conflict when multiple run units attempt to update the same record.

Correct update mode conflict and rerun application.

QW16 DATA BASE IS INCONSISTENT
A DBMS generated data base key was used to locate a record and either no record was found (minor code 61) or a wrong record type was found (minor code 62) or a record type not included in the subschema was found (minor code 60).

Restore the data base to a known good DBDUM checkpoint.

QW17 DATA BASE FILE UNAVAILABLE
The data base file is shut down or not available.

Check the file status, correct, and restart DBMS.

QW18 RESOURCE WAIT TIME EXCEEDED
Run unit exceeded wait time for a particular resource.

Rerun application.

QW19 DEADLOCK AVOIDENCE
Applications have become deadlocked waiting for particular resource. Applications in deadlock are rolled back.

Rerun application.

QW20 VERB CANNOT BE COMPLETED
An error was detected while linking or delinking a record from a multiset, calc, or index structure.

The minor error code provides further information on the cause of the error.

QW21 QBL FILE ALLOCATION ERROR
Either the batch QBL file or the IMS QBL file was not specified in the device-media section of the DMCL.

Add the required QBL file clause and recompile DMCL.

QW22 MAXIMUM UPDATING RUN-UNITS EXCEEDED FOR DMCL
The maximum number of updating run-units specified for this DMCL (either in the DMCL definition or in the DUPL commands for startup) has been exceeded. Additional QBL file partitions are not available for this session.

Specify sufficient number of updating run-units in the DMCL source and/or in the DBMS start-up statements and rerun the application.

QW23 ROLLBACK FAILURE - QBL FILE WAS SHUTDOWN
Rollback was attempted but could not be performed due to QBL error.

Offline recovery must be used to restore the data base.

QW24 QBL FILE I/O ERROR, error-code FOR RUN-UNIT run-unit-name
A read/write I/O error occurred on QBL file.

Examine the returned data management error code and correct the problem.

QW25 QBL RECORD ERROR
QBL record error occurred during rollback.

Restore data base with offline recovery.

QW26 SUCCESSFUL ROLLBACK FOR: {run-unit / transaction}; FREE CHKPT=code
Run unit/transaction rollback was completed successfully for the specified run unit/transaction to the specified free checkpoint code.

QW27 {SUCCESSFUL / NO} QUICK RECOVER FOR DATABASE, database-name
Successful or no quick recovery was performed on the specified data base.

QW28 UNSUCCESSFUL QUICK RECOVERY FOR DATABASE, data-base-name
Quick recovery failed for the specified data base.

Restore the data base before the new DBMS session.

QW29 run-unit was QUIESCENT, FREE CHKPT=code
The specified run unit was in a quiescent state at the time of the last DBMS crash. The free checkpoint code was the last issued by the run-unit.

QW30 REQUESTED DMCL NOT LOADED
The DMCL requested by application was not loaded by DBMS during start-up.

Specify DMCL(s) to be loaded during DBMS start-up and rerun application.

QW31 REQUESTED SUBSCHEMA NOT FOUND
The requested subschema is not contained in the DBMS load library.

Place the object subschema load module into the DBMS load library.

QW32 INSUFFICIENT MEMORY TO LOAD OBJECT SUBSCHEMA
Insufficient main storage within DBMS job to load subschema.

Specify sufficient main storage for DBMS job and rerun application.

QW33 INVALID SUBSCHEMA
Subschema name embedded within load module does not agree with load module name.

Correct subschema load module and rerun.

QW34 INVALID DBA NAME FOR DMCL
The DBA name specified in the DMCL is invalid for system.

Correct DBA name and rerun.

QW35 INVALID DBA NAME FOR SUBSCHEMA
The DBA name specified for the subschema is invalid for system.

Correct DBA name and rerun application.

QW36 INVALID SCHEMA NAME FOR DMCL
Invalid schema name specified for this DMCL.

Correct schema name and rerun application.

QW37 INVALID SCHEMA NAME FOR SUBSCHEMA
Invalid schema name specified for subschema.

Correct name and rerun application.

QW38 DIFFERENT DMCL NOT ALLOWED ON BIND
A different DMCL was specified on BIND statement.

Correct application and rerun.

QW39 SUB-SCHEME COMPILATION DATE/TIME MISMATCH
The compilation date/time of the object subschema does not match the subschema date/time current when the application program was preprocessed.

Check subschema versions and correct. DMS start-up syntax may specify suppression of this check.

QW40 IMS TERMINAL LIMIT EXCEEDED
An insufficient number of IMS terminals was specified at DBMS start-up.

Specify a sufficient number of terminals in DBMS job stream and restart DBMS.

QW43 DATA BASE IS SHUTDOWN
Investigate cause of shutdown and perform proper recovery procedure.

QW45 AREA IS SHUTDOWN
Investigate cause of area shutdown and perform proper recovery procedure.

QW46 APPLICATION IS SHUTDOWN
Determine cause and perform proper recovery procedure.

QW47 JOURNAL FILE IS SHUTDOWN
Determine cause and perform proper recovery procedure.

QW48 FILE ACCESS TIME OUT
Access to data base, journal, or QBL file was not achieved within the 5-minute limit because of an extended I/O wait occurring in a concurrent thread.

After the cause of the file unavailability is corrected, rerun the application program.

QW51 IMPART INHIBITED FOR DBMS
Determine cause and perform recovery procedure.

QW52 IMPART INHIBITED FOR DBA SYSTEM
Determine cause and perform recovery procedure.

QW53 IMPART INHIBITED FOR DATA BASE
Determine cause and perform recovery procedure.

QW55 OPEN INHIBITED FOR AREA
Access was attempted to shut down areas.

Determine cause and perform recovery procedure.

QW56 MAXIMUM RUN UNITS EXCEEDED FOR DBMS
Number of applications executing exceeds the number specified during start-up.

Increase number of run units permitted.

QW57 MAXIMUM RUN UNITS EXCEEDED FOR DMCL
Maximum concurrent run units exceeded for this DMCL.

The maximum number of run units may be altered during DBMS start-up.

QW58 IMS ACCESS INHIBITED TO DMCL FOR THIS SESSION
Change start-up syntax.

QW59 IMS ACCESS INHIBITED TO DBMS FOR THIS SESSION
Change start-up syntax to issue IMS access.

QW60 IO ERROR=DMnnn ERROR FLAGS=nnnn ON FILE=filename
I/O error occurred on the QBL file specified by the lfd name data management code is also displayed.

Check data management code and correct the problem.

QW65 IMS QUICK RECOVERY FOR DMCL=database: { SUCCESSFUL / UNSUCCESSFUL }
The quick recovery for the specified DMCL (data base) was either successful or unsuccessful. If it was successful, this message is preceded by the QW26 message for each transaction rolled back; if unsuccessful, the data base must be manually restored prior to the next DBMS session.

QW67 REQUESTED QBL WRITE REJECTED, IMS-QBL FILE SHUTDOWN
The IMS quick-before-looks (QBL) file was shut down due to an I/O error. All requests are rejected and IMS action is cancelled.

If the action is not successfully rolled back, manual recovery must be used to restore the data base.

QW68 IMS-QBL FILE SPACE EXHAUSTED
File space for the IMS quick-before-looks (QBL) file is exhausted. The action is rolled back.

Rerun when there is less updating activity or increase the QBL file size, if possible, prior to the next session.

QW69 ABR DISABLED FOR { database / run-unit } QBL=lfdname
Automatic backward recovery cannot be performed for the specified data base or run-unit. The relevant quick-before-looks (QBL) file is informed through the LFD name.

If this message is followed by QW73 later for the run-unit, ignore this QW69 message. If the system crashes without issuing QW73, manual data base recovery must be performed.

If this message is preceded by QW24, perform the specified action.

QW70 IMS QUICK RECOVERY: {TERMINAL LIMIT / QBL FILE SIZE} EXCEEDED

Quick recovery tried to recover more than the maximum number of terminals or more than the maximum number of data base pages. (See the IMS/DMS interface manual, UP-8748, current version, for maximum values.) This message is issued with the QW65 message, which specifies the data base name.

Manual recovery must be used to restore the data base.

QW71 PERFORM MANUAL RECOVERY FOR DATABASE=database-name

The automatic backward recovery (ABR) failed, or rollback was requested when ABR was turned off.

Manual recovery is required to bring the data base up to date.

QW72 SCRATCH lfdname PRIOR TO NEXT DBMS SESSION

This message is issued when automatic backward recovery (ABR) is turned off and an action/run-unit departs successfully.

The quick-before-looks (QBL) file specified must be scratched so quick recovery does not attempt to use it.

QW73 ABR ENABLED FOR RUN-UNIT run-unit

Automatic backward recovery (ABR) can be performed for the specified run-unit when required, reversing the condition of the preceding QW69 message.

Ignore the QW69 message for the same run-unit.

QW75 INVALID PAGE NUMBER SPECIFIED

Internally computed page number falls outside the data base.

Verify that the correct DMCL was specified.

QW76 PAGE FORMAT COMPROMISED

The page number in the header/footer fields(s) of a requested page do not match or do not agree with the requested page number.

Check the following conditions:

- Check the DMCL file cross-reference against the ST VTOC for the data base file.
- Check to see if the data base file successfully initialized (DBINIT).
- Check the file page sequence and the headers and footers for any conflicts.

QW88 UNIDENTIFIED DMS ERROR

The error being generated in the DBMS is not in its internal message table.

Locate the QW88 message in the DBMS job's SYSLST output. The preceding line gives the actual unidentified message number. Report this number on a Software User Report.

DW89 SYSTEM DATE/TIME CHANGED

The system date/time was set to a lower value while the DBMS job was running. This is not allowed because it causes corruption of the DMS recovery files.

Avoid setting the system date/time to a lower value while the DBMS is running.

QW97 DMS SVC PROCESSING ERROR
Error occurred while processing DMS SVC.

Possible cause is that insufficient number of thread control blocks were specified during DBMS start-up to process multiple concurrent applications.

QW99 FIRST DBMS CALL NOT IMPART
First statement presented to DBMS was not IMPART.

Correct and rerun.

QWER IO ERROR=DMnnn ERROR FLAGS=nnnn ON FILE=lfd-name
Unrecoverable I/O error has occurred.

Correct and rerun.

QX99 DMS COMPILER *processor-name* TERMINATED, UPSI - X'n0'
Error condition was reported on the output listing by the specified DMS compiler, and the appropriate UPSI value was set.

Review output listings and take corrective action. UPSI testing may be used to direct the sequence of processing within the affected control stream.

QY00 DBMS INITIALIZED (SMC CHECKSUM=checksum)
Informational message indicating that DBMS start-up has successfully completed. The checksum should match the number documented in the most recent SMC applied to the DBMS module. Consult the current SRD for a description of checksum.

QY01 SHUTDOWN COMPLETE
DBMS has been shut down successfully.

QY02 ACTIVE RUN UNITS - SHUTDOWN PENDING
The SHUTDOWN command was issued to DBMS while run units were active. The SHUTDOWN is pended until all active run units imparted to DBMS have departed.

QY03 KEY-IN ERROR
Improper shutdown command keyed in.

Check proper command syntax for shutdown.

QY04 DBMS INIT ERROR
DBMS cannot be activated due to error when attempting to acquire key 0.

Consult Sperry system representative.

QY06 ANOTHER DBMS JOB (job name) IS ALREADY ACTIVE
An attempt was made to start up a second DBMS job. Only one DBMS job is allowed in the system at one time.

QY17 UNDEFINED ERROR FROM SYNTAX ANALYZER
An undefined error or an invalid command code was returned from the syntax analyzer.

Check input commands and retry.

QY18 PREVIOUS SYNTAX ERRORS - STARTUP TERMINATED
Previous errors have been detected. The DMS session is not initiated.

Check listing for errors, correct, and retry.

QY20 SECTION COMMAND ISSUED TWICE
The DBMS SECTION and DMCL SECTION commands may only be issued once.

Correct input and retry.

QY21 SECTION COMMAND MISSING
The DBMS SECTION or the DMCL SECTION command is missing.

Correct input and retry.

QY22 INTEGER OUT OF RANGE
The specified value does not fall within the defined limits.

Correct and retry.

QY23 ONLY 1 JOURNAL COMMAND ALLOWED
The JOURNAL command has been issued more than once.

Correct input and retry.

QY24 INCOMPLETE DBMS SECTION
Both the MAXIMUM DBMS RUN-UNITS command and the JOURNAL command are required.

Correct input and retry.

QY25 ACTIVATE DMCL COMMAND MISSING
The ACTIVATE DMCL command is required.

Correct and retry.

QY26 DMCL NAME MUST BE UNIQUE
When mutliple DMCLs are activated for a session, the DMCL-names must be unique.

Correct and retry.

QY27 INCONSISTENT USE OF DUMMY QBL
When IMS and DMS QBL files have been defined in a DMCL, DUMMY may be specified for either both or for neither. A mixture is not allowed.

Correct and retry.

QY28 JCL MISSING FOR QBL FILE: filename
There is no JCL for the quick-before-look file.

Insert JCL and rerun job.

QY29 QBL STATEMENT MISSING FOR LOCKED FILE: filename
The QUICK-BEFORE-LOOKS statement was missing from start-up specifications and the file is lock-protected.

Include a QUICK-BEFORE-LOOKS start-up statement and rerun job.

QY30 ERROR IN JOURNAL LFD OR KEY
When the DMCL tables are loaded, the journal file LFD and access-control key are verified against that provided in the JOURNAL command in the DBMS section. They must be the same.

Correct and retry.

QY31 DATABASE PAGE SIZE INCOMPATIBLE
All DMCLs activated for a given session must have the same data base page size.

Correct and retry.

QY32 'DMCL IS' COMMAND MISSING OR INVALID
The DMCL command is missing or out of order.

Correct and retry.

QY33 INTEGER OUT OF RANGE - DMCL SOURCE VALUE IS USED
The value specified does not fall within the valid range. The value specified in the DMCL source is defaulted.

QY38 INVALID CALC ROUTINE OR ERROR ON LOAD
A CALC routine other than CALC00 or CALC01 was specified, or there was a previous error loading the default DBMS calc routine (CALC01).

Check errors, correct, and retry.

QY39 DMCL NOT ACTIVATED DUE TO PREVIOUS ERRORS
Previous start-up errors have occurred; the DBMS session is not initiated.

Check errors, correct, and retry.

QY40 JOURNAL FILE ERROR - ACTIVATION TERMINATED
Problem occurred in activating journal file.

Check for errors on JOURNAL command in DBMS section.

QY41 JOURNAL FILE OPTIONS CAN NOT BE USED
Journal file is not specified or dummy is specified.

Correct input and retry.

QY42 JOURNAL FILE NOT OPENED
An error occurred while attempting to open the journal file.

Check error code; correct, and retry.

QY43 JOURNAL OPTIONS INCOMPATIBLE
When two or more DMCLs share a common journal file, the options must be the same.

Correct input and retry.

QY44 STARTUP TERMINATED
The DBMS session was not initiated due to previous errors.

Check error messages; correct, and retry.

QY45 ERROR IN PRINT MAP ROUTINE
An error occurred in the routine that displays the start-up map.

Check previous errors and take corrective action.

QY46 INTEGER=0. IMS-THREADS/TERMINALS DEFAULTED TO 1.

The MAXIMUM IMS-THREADS or IMS-TERMINALS command specified a value of 0. The value is defaulted to 1.

If there are no errors, the DBMS system is initialized with the default values. No action is required if the default value is enough for the session; if not, shut down DBMS, correct the values, and rerun.

QY47 WARNING, MASTER JOURNAL DEFINED BUT NOT REFERENCED
A master journal file was defined at startup, but all DMCLs have specified a separate journal file. The facilities allocated to the master journal file are unused.

RED002 -SPECIFICATION CANNOT BE IDENTIFIED.

Specification entered on @FORMAT command is invalid. Valid entries are H, IR, IF, OR, OF, L, E, T, C, or F.

Correct and retransmit.

RED003 -RPGEDT IS STILL INVOKED, TO TERMINATE ENTER @RPG END, TO CONTINUE USE @FORMAT COMMAND WITH PROPER PARAMETERS.

@RPG command entered is invalid. To terminate the RPG II editor, key in @RPG END. To continue using the RPG II editor, key in an @FORMAT command with proper parameters.

Press TRANSMIT and enter @RPG END or an @FORMAT command.

RED004 -@FORMAT COMMAND WAS ISSUED WITHOUT PARAMETER (STRING).

@FORMAT command was keyed in without parameters.

Press TRANSMIT and key in command with parameters.

RED005 -@FORMAT COMMAND: INVALID DISPLAY-FORMAT-TYPE (1, 2, OR 3).

Invalid format type was entered. Valid format types are 1 for positional, 2 for formatted, and 3 for free form.

Press TRANSMIT and reenter @FORMAT command with valid format type.

RED006 -@FORMAT COMMAND: INVALID THIRD ENTRY ONLY 'CMD'.

The third positional parameter in the @FORMAT command is invalid. Either CMD was specified incorrectly or something other than CMD was specified as the third entry. The only valid third entry is CMD.

Press TRANSMIT and reenter @FORMAT command with proper parameters.

RED008 -INVALID FORMAT NAME.

The specification screen requested is invalid. Valid entries are H, IR, IF, F, OR, OF, E, L, T, C, **, A, FT, EQ, and FF.

Press TRANSMIT. The specification type display is displayed where you select the appropriate specification screen.

RED030 -VALIDATION NOT PERFORMED ON ALTSEQ, FT, EQ, FF, ** SPECIFICATION OR DATA CHANGED BY EDT COMMAND, CHECK VISUALLY.

Informational message displayed to remind the user to visually check the entry because it won't be automatically validated (checked for errors). This message appears in create mode after an Altseq, Files, Equate, Free Form, or Table/Array specification is transmitted or in update mode after an EDT command that changed data on statements in the workspace file was transmitted. This message also appears when comment lines are syntax checked.

Check visually the specification entries to be sure that correct data was entered. If correct, reposition the cursor to the bottom of the screen and retransmit. If incorrect, correct the data, then reposition the cursor and retransmit.

RED035 -HARDWARE OR UNRECOVERABLE ERROR, RPG EDT SESSION TERMINATED.

RPG II editor session terminated due to hardware or other unrecoverable errors.

Press TRANSMIT and enter @RPG to retry. If problem persists, take dump when RED035 occurs.

RED054 -FILENAME MUST BEGIN WITH A-Z, $, #, @, /, %, ?, +, OR &.

The first character of the filename is invalid.

Correct and retransmit.

RED055 -FILENAME (CHARACTER 2-8) MUST CONSIST OF A-Z, $, #, @, /, %, ?, +, &, OR 0-9.

Filename entered is invalid.

Correct and retransmit.

RED056 -CURSOR WAS NOT POSITIONED TO BOTTOM OF SCREEN (NULL LINE RECEIVED). REPOSITION CURSOR AND RETRANSMIT.

Error occurred because cursor was not positioned to the bottom of the screen before transmitting the line.

Reposition the cursor and transmit.

RED057 -NULL LINE RECEIVED; PRESS TRANSMIT AND ORIGINAL LINE WILL BE DISPLAYED FOR UPDATING.

An error occurred because cursor was not positioned to the bottom of the screen before transmitting the line.

Reposition the cursor and transmit.

RED060 -COMPILATION MODE (COL 7) MUST BE 2, 3, 4, or BLANK.

Entry in column 7 is invalid. Valid entries are 2, 3, 4, or blank.

Correct and retransmit.

RED061 -ERROR ANALYSIS DUMP (COL 8) MUST BE D OR BLANK.

Entry in column 8 is invalid. Valid entries are D or blank.

Correct and retransmit.

RED064 -CURRENCY SYMBOL (COL 18) CANNOT BE 0 8 , . - C R OR AMPERSAND

The fixed or floating currency symbol (column 18 of 'H' card) can be any valid character other than those specified in the message. These characters have a special meaning in RPG edit codes and edit words.

Correct and retransmit.

RED065 -OPERATOR CONTROL (COL 9), DEBUG (COL 15), BINARY SEARCH (COL 31) AND FORMS ALIGNMENT (COL 41) MUST BE 1 OR BLANK.

Invalid character was entered in column 9, 15, 31, or 41. Valid entries are 1 or blank.

Correct and retransmit.

RED066 -INVERTED PRINT (COL 21) MUST BE D, I, J, OR BLANK.
Entry in column 21 is invalid. Valid entries are D, I, J, or blank.

Correct and retransmit.

RED067 -ALTERNATE COLLATING SEQUENCE (COL 26) AND INDICATOR INITIALIZATION (COL 42) MUST BE BLANK OR S.
Entry in column 26 or 42 is invalid. Valid entries are S or blank.

Correct and retransmit.

RED068 -SIGN HANDLING (COL 40) MUST BE BLANK, S, I, B, OR O.
Entry in column 40 is invalid. Valid entries are S, I, B, O, or blank.

Correct and retransmit.

RED069 -FILE TRANSLATION (COL 43) MUST BE BLANK OR F.
Entry in column 43 is invalid. Valid entries are blank or F.

Correct and retransmit.

RED070 -SUBROUTINE (COL 74) MUST BE BLANK, S, OR A.
Entry in column 74 is invalid. Valid entries are S, A, or blank.

Correct and retransmit.

RED071 -PROGRAM IDENTIFICATION (COL 75) MUST BE AN ALPHABETIC CHARACTER (A-Z).
Entry in column 75 is invalid: a nonalphabetic character was entered.

Enter a letter from A to Z in column 75 and retransmit.

RED080 -FILE TYPE (COL 15) MUST BE I, O, C, U, OR D.
Entry in column 15 is invalid. Valid entries are I, O, C, U, or D.

Correct and retransmit.

RED081 -FILE DESIGNATION (COL 16) MUST BE P, S, R, C, D, T, OR BLANK.
Entry in column 16 is invalid.

Correct and retransmit.

RED082 -END OF FILE (COL 17) MUST BE E OR BLANK.
Entry in column 17 is invalid. Valid entries are E or blank.

Correct and retransmit.

RED083 -SEQUENCE (COL 18) MUST BE A, D, OR BLANK.
Entry in column 18 is invalid. Valid entries are A, D, or blank.

Correct and retransmit.

RED084 -FILE FORMAT (COL 19) MUST BE F, V, OR D.
Entry in column 19 is invalid. Valid entries are F, V, or D.

Correct and retransmit.

RED085 -FILE PROCESSING MODE (COL 28) MUST BE L, R, OR BLANK.
Entry in column 28 is invalid. Valid entries are L, R, or blank.

Correct and retransmit.

RED086 -KEY OR RCD ADDRESS FLD LENGTH (COL 29-30) MISSING/INVALID OR IF DEFINED ON CONTINUATION LINE 'IGN' DIAGNOSTIC

Entry in columns 29-30 is missing or invalid.

Correct and retransmit. If the key or record address field length is defined on a continuation line, ignore this message.

RED087 -RECORD ADDRESS TYPE (COL 31) MUST BE A, P, I, K, R, OR BLANK.

Record address type entry in column 31 is invalid.

Correct and retransmit.

RED088 -FILE ORGANIZATION (COL 32) MUST BE I, T, D, X, 1-9 OR BLANK.

Entry in column 32 is invalid.

Correct and retransmit.

RED089 -OVERFLOW INDICATOR (COL 33-34) MUST BE OA THROUGH OG, OV, OR BLANK.

Overflow indicator entry in columns 33-34 is invalid. Valid entries are OA-OG, OV, or blank.

Correct and retransmit.

RED090 -KEY FIELD STARTING LOCATION (COL 35-38) MUST BE A NUMBER GREATER THAN ZERO OR BLANK.

Entry in columns 35-38 is invalid. Valid entries are numbers greater than zero or blanks.

Correct and retransmit.

RED091 -EXTENSION OF LINE COUNTER CODE (COL 39) MUST BE E, L, OR BLANK.

Entry in column 39 is invalid. Valid entries are E, L, or blank.

Correct and retransmit.

RED092 -DEVICE CODE (COL40-46) IS INVALID.

The device code entered is either misspelled or not acceptable.

Correct the entry and retransmit.

RED093 -CONTINUATION OR LABELS (COL 53) MUST BE K, S, N, OR BLANK.

Entry in column 53 is invalid. Valid entries are K, S, N, E, or blank.

Correct and retransmit.

RED094 -OPTION NAME (COL 54-59) MUST BE ASCII, INDEX, ID, BUFOFF, (NAME) OR BLANK.

Entry in columns 54-59 is invalid. Valid entries are ASCII, INDEX, ID, BUFOFF, or blanks.

Correct and retransmit.

RED095 -ENTRY OR STORAGE (COL 60-65) MUST BE NUMERIC, RANGE 256-32767, OR BLANK FOR ISAM INDEX OR DEMAND FILES.

Entry in columns 60 through 65 is invalid. Valid entries are numbers in the range 256 to 32767, except for an ISAM index file or demand file, where columns 60-65 must be blank.

Correct and retransmit.

RED096 -FILE ADDITION OR UNORDERED LOAD (COL 66) MUST BE A, U OR BLANK.

Entry in column 66 is invalid. Valid entries are A, U, or blank.

Correct and retransmit.

RED097 -CYLINDER OVERFLOW PERCENTAGE (COL 67) MUST BE A NUMBER (1 THROUGH 8) OR BLANK.

Entry in column 67 is invalid.

Enter a blank or a number from 1 to 8 in column 67 and retransmit.

RED098 -NUMBER OF EXTENTS (COL 68-69) MUST BE A NUMBER (RANGE 1-50) OR BLANKS.

Entry in columns 68-69 is invalid.

Enter a number from 1 to 50 or blanks in columns 68-69 and retransmit.

RED099 -TAPE REWIND OPTION (COL 70) MUST BE R, N, U, OR BLANK.

Entry in column 70 is invalid. Valid entries are R, N, U, or blank.

Correct and retransmit.

RED100 -FILE CONDITIONERS (COL 71-72) MUST BE U1 THROUGH U8 OR BLANK.

Entry in columns 71-72 is invalid. Valid entries are U1-U8, or blanks.

Correct and retransmit.

RED101 -IF COL 66 = A OR U, THEN COL 67 MUST BE BLANK.

Entry in column 67 is invalid. When A or U is entered in column 66, column 67 must be blank.

Correct and retransmit.

RED102 -IF COL 15 = C, THEN COL 16 CANNOT = R, C, OR BLANK.

Entry in column 16 is invalid. If C is entered in column 15, column 16 can only be P, S, D, or T.

Correct and retransmit.

RED103 -IF COL 17 = E, THEN COL 16 MUST BE P, R, OR S.

Entry in column 16 is invalid. When E is entered in column 17, column 16 must be P, R, or S.

Correct and retransmit.

RED104 -IF COL 17 = E, THEN COL 16 CANNOT BE 'T' OR 15 CANNOT BE D OR 0.

Entry in column 15 or 16 is invalid. When E is entered in column 17, column 16 cannot be T, and column 15 cannot be D or 0.

Correct and retransmit.

RED105 -IF COL 18 = A OR D, THEN COL 15 CANNOT BE O OR D, OR COL 16 CANNOT BE D OR R, OR COL 28 CANNOT BE R.

Entry in either column 15, 16, or 28 is invalid. When A or D is entered in column 18, column 15 must be I, C, U, or blank, column 16 must be P, S, C, T, or blank, and column 28 must be L or blank.

Correct and retransmit.

RED106 -IF COL 32 = T, THEN COLS 29-30 MUST BE 10, 03, OR 3.

Entry in columns 29-30 is invalid. When T is entered in column 32, columns 29-30 must be either 10, 03, or 3.

Correct and retransmit.

RED107 -IF COL 52 = K AND COLS 54-59 = ASCII, THEN COLS 60-65 MUST BE BLANKS.

Entry in columns 60-65 is illegal. When K is entered in column 53 and ASCII is entered in columns 54-59, columns 60-65 must be blank.

Correct and retransmit.

RED108 -THE '$' IN COL 7 CANNOT BE USED WITH 'CONSOLE" IN THE DEVICE FIELD.

Entry in column 7 is invalid. When console is entered in columns 40-46, $ cannot be entered in column 7.

Correct and retransmit.

RED109 -BLOCK LENGTH (COL 20-23) MUST BE A NON-ZERO POSITIVE NUMBER OR BLANK.

Entry in columns 20-23 is invalid.

Enter a number greater than zero or blanks in columns 20-23, and retransmit.

RED110 -RECORD LENGTH (COL 24-27) MUST BE A NON-ZERO POSITIVE NUMBER OR BLANK.

Entry in columns 24-27 is invalid.

Enter a number greater than zero or blanks in columns 24-27, and retransmit.

RED111 -IF FILE PROCESS MODE (COL 28) IS AN 'L' OR 'R' THEN DEVICE (COL 40-46) MUST BE A DISK.

Device in columns 40-46 is either missing or invalid. When L or R is entered in column 28, DISK must be entered in columns 40-46.

Correct and retransmit.

RED112 -OPTION FIELD (COL 54-59) MUST CONSIST OF A-Z, OR 0-9. IT CANNOT START WITH OR HAVE EMBEDDED BLANKS.

Entry in columns 54-59 is invalid.

Correct and retransmit.

RED113 -IF COL 15 = I, THEN COL 16 MUST BE P, S, D, R, C, OR T.

Entry in column 16 is invalid. When I is entered in column 15, column 16 must be P, S, D, R, C, or T.

Correct and retransmit.

RED114 -IF DEVICE = WORKSTN, THEN COL 15 MUST = C AND COL 16 MUST = P OR D.

Entry in column 15 or 16 is invalid. When WORKSTN is entered in columns 40 through 46, C must be entered in column 15 and P or D must be entered in column 16.

Correct and retransmit.

RED115 -LABEL (COL 53) = K, THEN COLS 7-52 AND COLS 66-74 MUST BE BLANKS.

Entries made in columns 7 through 52 or 66 through 74 are invalid. When K is entered in column 53, columns 7 through 52 and 66 through 74 must be blank.

Correct and retransmit.

RED116 -IF COL 15 = D, THEN COL 16 MUST BE BLANK.

Entry in column 16 is invalid. When D is entered in column 15, column 16 must be blank.

Correct and retransmit.

RED117 -IF COL 15 = O, THEN COL 16 MUST BE BLANK OR 'C'.

Entry in column 16 is invalid. When O is entered in column 15, column 16 must be C or blank.

Correct and retransmit.

RED118 -IF COL 15 = U, THEN COL 16 CANNOT = R, T, OR BLANK.

Entry in column 16 is invalid. When column 15 is U, column 16 must be P, S, C, or D.

Correct and retransmit.

RED120 -IF COL 53 = K AND COLS 54-59 = BUFOFF, THEN COLS 60-65 MUST BE NUMERIC (0-3424) OR BLANKS.

Entry in columns 60-65 is invalid. When K is entered in column 53 and BUFOFF is entered in columns 54-59, columns 60-65 must contain a number from 0 to 3424 or blanks.

Correct and retransmit.

RED121 -IF COL 53 = K AND COLS 54-59 = INDEX, NUM, OR KEY, THEN COLS 60-65 MUST BE NUMERIC AND RIGHT-JUSTIFIED.

Entry in columns 60-65 is invalid. When K is entered in column 53 and INDEX, NUM, or KEY is entered in columns 54-59, columns 60-65 must consist of a number from 1 to 9, right-justified.

Correct and retransmit.

RED122 -IF FILE TYPE (COL 15) IS OUTPUT, AND LABELS (COL 53) IS 'N' OR 'E', THEN LABEL EXIT MUST BE SPECIFIED.

When O is entered in column 15 and N or E is entered in column 53, then label exit must be specified in columns 54-59.

Correct and retransmit.

RED123 -IF LABELS (COL 53) IS 'S' OR BLANK, THEN LABEL EXIT (COLS 54 TO 59) MUST BE BLANKS.

Entry in columns 54 to 59 is invalid. When column 53 contains an S or is blank, columns 54 to 59 must be blank.

Correct and retransmit.

RED124 -IF COL 53 = K AND COLS 54-59 = 'ID', SAVDS, INFSR, OR INFDS, THEN COL 60 MUST BE ALPHABETIC (A-Z).

Entry in column 60 is invalid. When column 53 contains a K and columns 54-59 contain ID, SAVDS, INFSR, or INFDS, then column 60 must be an alphabetic character (A-Z), and columns 61-65 may not contain embedded blanks.

Correct and retransmit.

RED125 -IF COL 53 = K and COLS 54-49 = 'IND', THEN COLS 60-65 MUST BE NUMERIC, NOT > 99, AND RIGHT JUSTIFIED.

Entry in columns 60-65 is invalid. When column 53 contains a K and columns 54-59 contain IND, then columns 60-65 must specify a number from 1 to 99, right-justified.

Correct and retransmit.

RED126 -IF COL 53 = K AND COLS 54-59 = 'ACCESS', THEN COLS 60-65 MUST BE 'EXC', 'EXCR', 'SADD', 'SRD', OR 'SRDO'.

The entry in columns 60-65 is invalid. When column 53 contains a K and columns 54-59 contain ACCESS, then columns 60-65 must contain EXC, EXCR, SADD, SRD, or SRDO.

Correct and retransmit.

RED127 -IF COL 53 = K AND COLS 54-59 = KEY, THEN KEY-LENGTH (COLS 66-67) MUST BE NUMERIC AND RIGHT-JUSTIFIED.

The entry in columns 55-67 is invalid. When column 53 contains a K and columns 54-59 contain KEY, then columns 66-67 must be numeric and right-justified.

Correct and retransmit.

RED128 -IF COLS 54-59 = KEY, THEN COL 68 MUST BE 'D' OR BLANK OR COL 69 MUST BE 'C' OR BLANK

The entry in columns 68-69 is invalid. If columns 54-59 contain KEY, then column 68 must be D or blank or column 69 must be C or blank. Columns 68-69 may not both be blank.

Correct and retransmit.

RED130 -RECORD SEQUENCE OF CHAINING FILE (COL 7-8) MUST BE 01-99 OR AA-ZZ.

Entry in columns 7-8 is invalid.

Enter a number from 01 to 99 or characters from AA to ZZ in columns 7-8 and retransmit.

RED131 -NUMBER OF CHAINING FIELD (COL 9-10) MUST BE C1-C9 OR BLANK.

Entry in columns 9-10 is invalid.

Enter blank or C1-C9 in columns 9-10 and retransmit.

RED132 -TABLE/ARRAY NAME (COL 27-32, 46-51) MUST BE BLANK, 1-6 ALPHANUMERIC CHARS. OR TABXXX (XXX = ALPHANUMERIC CHARS.).

Entry in either columns 27-32 or 46-51 is invalid. Valid entries are one to six alphanumeric characters, TABXXX (where XXX are alphanumeric characters), or blanks.

Correct and retransmit.

RED134 -ALTERNATING FORMAT TABLE NAME (COL 46-51) MUST CONTAIN TABXXX WHEN AN ALTERNATE TABLE NAME IS REQUIRED.

Table name entered in columns 46-51 is invalid. Table name must be of the form TABxxx, where xxx is any combination of alphanumeric characters.

Correct and retransmit.

RED135 -TABLE OR ARRAY NAME SPECIFIED IN COL 46-51 AND NOT IN COL 27-32.

Entry in columns 46-51 is invalid. If a solitary table or array is to be entered, it must be entered in columns 27-32 (not in columns 46-51). Columns 46-51 must be left blank.

Correct and retransmit.

RED136 -IF DECIMAL POSITION (COL 44 OR 56) IS A BLANK, THEN DATA FORMAT (COL 43 OR 55) MUST BE BLANK.

Illegal entry was made in column 43 or 55. When columns 44 and 56 are blank, columns 43 and 55 must also be blank.

Correct and retransmit.

RED137 -NUMBER OF ENTRIES PER RECORD (COL 33-35) MUST BE A RIGHT-JUSTIFIED NUMERIC OR BLANK.

Entry in columns 33-35 is invalid. Valid entries are numbers from 001-999 or blanks. The entry must be right-justified.

Correct and retransmit.

RED138 -NUMBER OF ENTRIES PER TABLE OR ARRAY (COL 36-39) MUST BE A RIGHT-JUSTIFIED NUMERIC OR BLANK.

Entry in columns 36-39 invalid. Valid entries are numbers from 0001-9999 or blanks. The entry must be right-justified.

Correct and retransmit.

RED139 -LENGTH OF ENTRY (COL 40-42 OR 52-54 MUST BE A RIGHT-JUSTIFIED NUMERIC NOT GREATER THAN 256 OR IT MUST BE BLANK

Entry in columns 40-42 or 52-54 is invalid. Valid entries are numbers from 001 to 256 or blanks. The entry must be right-justified.

Correct and retransmit.

RED140 -DATA FORMAT (COL 43 OR 55) MUST BE P, B, L, R, OR BLANKS.

Entry in column 43 or 55 is invalid. Valid entries are P, B, L, R, or blanks.

Correct and retransmit.

RED141 -LENGTH OF ENTRY (COL 40-42 OR 52-54) MUST BE 4 OR 9 FOR BINARY DATA FORMAT (B IN COL 43 OR 55).

Entry in columns 40-42 or 52-54 is invalid. When B is entered in columns 43 or 55, columns 40-42 or 52-54 must contain 4 or 9.

Correct and retransmit.

RED142 -DECIMAL POSITIONS (COL 44 OR 56) MUST BE 0-9 FOR P, B, L, OR R DATA FORMATS (COL 43 OR 55).

Entry in either column 44 or 56 is invalid. When P, B, L, or R is entered in column 43 or 55, columns 44 or 56 must contain a number from 0 to 9.

Correct and retransmit.

RED143 -DECIMAL POSITIONS (COL 44 OR 56) CANNOT BE GREATER THAN THE LENGTH OF ENTRY (COL 40-42 OR 52-54).

Entry in columns 45 or 57 is invalid. Valid entries are A, D, or blank.

Correct and retransmit.

RED144 -LENGTH OF ENTRY (COL 40-42 OR 52-54) CANNOT EXCEED 16 FOR L OR R DATA FORMAT. P DATA FORMAT CANNOT EXCEED 8.

Entry in columns 40-42 or 52-54 is invalid. When L or R is entered in column 43, the entries in columns 40-42 and 52-54 cannot exceed 16; and when P is entered in column 43, the entries cannot exceed 8.

Correct and retransmit.

RED145 -DECIMAL POSITION (COL 44 OR 56) MUST BE 0-9 OR BLANK FOR ALPHANUMERIC TABLE OR ARRAY ELEMENTS.

An illegal entry was made in column 44 or 56. Columns 44 and 56 must be 0-9 for numeric fields or left blank when alphanumeric table or array elements are specified.

Correct and retransmit.

RED146 -SEQUENCE (COL 45 OR 57) MUST BE A, D, OR BLANK.

Entry in columns 45 or 57 is invalid. Valid entries are A, D, or blank.

Correct and retransmit.

RED147 -PROGRAM I.D. (COL 75-80) FIRST CHARACTER IS NOT ALPHABETIC.

Program I.D. entered in columns 75-80 is invalid. The first character of the program I.D. must be alphabetic.

Correct and retransmit.

RED160 -LINE OR CHANNEL NUMBERS MUST BE NUMERIC.

Invalid line or channel number was entered. Line and channel numbers must always be numeric.

Correct and retransmit.

RED161 -LINE NUMBERS (COL 15-17) IN IBM SYSTEM/3 MODE MUST BE IN THE RANGE 12-112.

Entry in columns 15-17 is invalid.

Enter a number from 12 to 112 in columns 15-17 and retransmit.

RED162 -FORM LENGTH (COL 18-19) IN IBM SYSTEM/3 MODE MUST CONTAIN FL.

Entry in columns 18-19 is invalid.

Enter FL in columns 18-19 and retransmit.

RED163 -OVERFLOW LINE NUMBERS (COL 20-22) IN IBM SYSTEM/3 MODE MUST BE IN THE RANGE 1-112.

Entry in columns 20-22 is invalid.

Enter a number from 1 to 112 in columns 20-22 and retransmit.

RED164 -OVERFLOW LINE INDICATOR (COL 23-24) IN IBM SYSTEM/3 MODE MUST CONTAIN OL.

Entry in columns 23-24 is invalid.

Enter an OL in columns 23-24 and retransmit.

RED165 -CHANNEL NUMBER (COL 18-19, 23-24, ETC.), MUST BE 1-13.

Invalid channel number was keyed in. Channel number must be a number from 1 to 13.

Correct and retransmit.

RED166 -LINE NUMBER (COL 15-17, 20-22, ETC.) MUST BE 1-192.

Invalid line number was keyed in. Line number must be a number from 1 to 192.

Correct and retransmit.

RED167 -CHANNEL NUMBER 01 WAS NOT SPECIFIED OR WAS SPECIFIED TWICE.

Channel 01 is missing or invalid.

Correct and retransmit.

RED168 -CHANNEL NUMBER 07 WAS NOT SPECIFIED OR WAS SPECIFIED TWICE.

Channel 07 is missing or invalid.

Correct and retransmit.

RED169 -PROGRAM I.D. (COL 75-80) FIRST CHARACTER IS NOT ALPHABETIC.

Program I.D. is invalid. The first character of the program I.D. must be alphabetic.

Correct and retransmit.

RED170 -EDIT CODE (COL 38) IS INVALID WITH COL 39 USAGE.

The entry in column 38 is not compatible with the entry in column 39.

Correct and retransmit.

RED171 -END POSITION (COLS 40-43) IS INVALID WITH COL 39 USAGE.

The entry in columns 40-43 is not compatible with the entry in column 39.

Correct and retransmit.

RED172 -DATA FORMAT (COL 44) IS INVALID WITH COL 39 USAGE.

The entry in column 44 is not compatible with the entry in column 39.

Correct and retransmit.

RED173 -CONSTANT OR EDIT WORK (COL 45-70) IS INVALID WITH COL 39 USAGE

The entry in columns 45-70 is not compatible with the entry in column 39.

Correct and retransmit.

RED174 -OUTPUT RECORD TYPE (COL 15) FOR *AUTO ENTRY (COLS 32-37) MUST BE H, D, OR T.

The entry in column 15 is invalid. It cannot be E. Valid entries are H, D, or T.

Correct and retransmit.

RED175 -INDICATORS (COLS 23-31) ARE INVALID WITH COL 39 USAGE.

The entry in columns 23-31 is not compatible with the entry in column 39.

Correct and retransmit.

RED180 -SEQUENCE (COL 15-16) MUST BE 01-99, AA-ZZ OR BLANKS.

Entry in columns 15-16 is invalid. Valid entries are numbers from 1-99, letters from AA-ZZ, or blanks.

Correct and retransmit.

RED181 -RECORD IDENTIFYING INDICATOR (COL 19-20) MUST BE 01-99, H1-H9, L1-L9, LR, **, OR TR.

Entry in columns 19-20 is invalid. Valid entries are 01-99, H1-H9, L1-L9, **, or TR.

Correct and retransmit.

RED182 -NOT (COL 25, 32, AND 39) MUST BE N OR BLANK.

Entry in column 25, 32, or 39 is invalid. Valid entries are N or blank.

Correct and retransmit.

RED183 -RECORD IDENTIFICATION CODES (COLS 26, 33, AND 40) MUST BE C, Z, OR D.

Entry in column 26, 33, or 40 is invalid. Valid entries are C, Z, or D.

Correct and retransmit.

RED184 -POSITION (COL 21-24, 28-31, 35-38) MUST BE BLANK OR 1-9999.

Entry in columns 21-24, 28-31, or 35-38 is invalid. Valid entries are numbers from 1 to 9999 or blanks.

Correct and retransmit.

RED185 -NUMBER (COL 17) MUST BE 1, N, OR BLANK.

Entry in column 17 is invalid. Valid entries are 1, N, or blank.

Correct and retransmit.

RED186 -OPTION (COL 18) MUST BE O OR BLANK.

Entry in column 18 is invalid. Valid entries are O or blank.

Correct and retransmit.

RED187 -STACKER SELECT (COL 42) MUST BE 2 or BLANK.

Entry in column 42 is invalid. Valid entries are 2 or blank.

Correct and retransmit.

RED190 -DATA FORMAT (COL 43) MUST BE P, B, L, R OR BLANK.

Entry in column 43 is invalid. Valid entries are P, B, L, R, or blank.

Correct and retransmit.

RED191 -DECIMAL POSITIONS (COL 52) MUST BE BLANK FOR AN ALPHANUMERIC FIELD OR 0-9 FOR A NUMERIC FIELD.

Entry in column 52 is invalid.

Correct and retransmit.

RED192 -CONTROL LEVEL (COLS 59-60) MUST BE L1-L9 OR BLANK.

Entry in columns 59-60 is invalid. Valid entries are L1-L9 or blank.

Correct and retransmit.

RED193-MATCHING OR CHAINING FIELDS (COL 61-62) MUST BE M1-M9, C1-C9, OR BLANK.

Entry in columns 61-62 is invalid. Valid entries are M1-M9, C1-C9, or blanks.

Correct and retransmit.

RED194 -'FROM' AND 'TO' FIELD MUST BE RIGHT JUST - NUMERIC OR LENGTH > MAX FOR FORMAT TYPE OR IGN IF FIELD IS AN ARRAY.

The entry in columns 44-47 or 48-51 (FROM and TO) is invalid. Valid entries are numbers specifying a maximum field length limited by the format type entered in column 43, or IGN if the field is an array.

Correct and retransmit.

RED195 -FIELD NAME (COL 53-58) IS INVALID.

Entry in columns 53-58 is invalid. Valid field names must have an alphabetic character from A to Z as the first character and cannot contain embedded blanks.

Correct and retransmit.

RED196 -IF COL 19-20 = 'DS', THEN COLS 15-17 AND 21-42 MUST BE BLANK.

The entry in columns 15-17 or 21-42 is invalid. When columns 19-20 contain DS, columns 15-17 and 21-42 must be blank.

Correct and retransmit.

RED197 -FIELD INDICATORS (COL 65-70) MUST BE 01-99, H1-H9, OR BLANKS.

Entry in columns 65 through 70 is invalid. Valid entries are 01-99, H1-H9, or blanks.

Correct and retransmit.

RED198 -COLUMNS 59-64 MUST BE BLANK WHEN FIELD NAME (COL 53-58) IS BLANK.

Entry in columns 59-64 is invalid. When columns 53-58 are blank, columns 59-64 must also be blank.

Correct and retransmit.

RED199 -FIELD RECORD RELATION (COL 63-64) MUST BE MR, 01-99, H1-H9, L1-L9, U1-H8 OR BLANK.

Entry in columns 63 through 64 is invalid. Valid entries are MR, 01-99, H1-H9, L1-L9, U1-U8, or blanks.

Correct and retransmit.

RED200 -NUMBER (COL 17) AND OPTIONAL (COL 18) MUST BE BLANK WHEN SEQUENCE (COL 15-16) IS AA-ZZ.

Entry in column 17 or 18 is invalid. When columns 15-16 contain characters from AA to ZZ, columns 17 and 18 must be blank.

Correct and retransmit.

RED201 -INVALID ENTRIES FOR 'AND' RELATIONSHIP, COLS 17 TO 20 AND COL 42 MUST BE BLANKS.

An illegal entry was made in columns 17-20 or column 42. When AND is specified in columns 14-16, columns 17-20 and column 42 must be blank.

Correct and retransmit.

RED202 -INVALID ENTRIES FOR 'OR' RELATIONSHIP, COLS 16 TO 18 MUST BE BLANKS.

Entry in columns 16-18 is invalid. When OR is specified in columns 14-15, columns 16-18 must be blank.

Correct and retransmit.

RED203 -SEQUENCE (COLS 15-16) MUST BE SPECIFIED IF RECORD IDENTIFYING INDICATOR (COLS 19-20) IS NOT 'TR'.

Entry in columns 15-16 is invalid. When TR is not entered in columns 19-20, columns 15-16 must be AA-ZZ or 01-99.

Correct and retransmit.

RED204 -IF RECORD IDENTIFYING INDICATOR (COLS 19-20) IS 'TR' THEN ALL OTHER COLUMNS MUST BE BLANK.

If TR is entered in columns 19-20, all other columns must be blank.

Correct and retransmit.

RED205 -COLS (43-74) MUST BE BLANKS FOR INPUT RECORD SPECIFICATIONS; COLS (1-42) MUST BE BLANKS FOR INPUT FIELD SPECS.

Input record specifications must have blanks in columns 43-74. Input field specifications must have blanks in columns 1-42.

Correct and retransmit.

RED210 -CONTROL LEVEL (COL 7-8) MUST BE L0-L9, LR, SR, OR, AN . OR BLANK.

Entry in columns 7-8 is invalid. Valid entries are L0-L9, LR, SR, OR, AN, or blank.

Correct and retransmit.

RED211 -NOT (COL 9, 12, OR 15) MUST BE N OR BLANK.

Entry in column 9, 12, or 15 is invalid. Valid entries are N or blank.

Correct and retransmit.

RED212 -INDICATOR (COL 10-11, 13-14, 16-17) MUST BE 01-99, H0-H9, L1-L9, LR, MR, OA-OG, OV, KA-KN, KP-KY, U1-U8, * OR BLANK.

Entry in columns 10-11, 13-14, or 16-17 is invalid. Valid entries are 01-99, H0-H9, L1-L9, LR, MR, OA-OG, OV, KA-KN, KP-KY, U1-U8, *, or blank.

Correct and retransmit.

RED213 -FACTOR 1 (COL 18-27), FACTOR 2 (COL 33-42), OR RESULT NAME (COL 43-48) CONTAINS AN EMBEDDED BLANK.

Entry in either columns 18-27, columns 33-42, or columns 43-48 is invalid. Embedded blanks are not permitted in entry.

Correct and retransmit.

RED214 -OPERATION (COL 28-32) INCORRECTLY ENTERED, SHOULD BE ADD, CHAIN, MOVEL, SETON, EXSR ETC.

Entry in columns 28-32 is invalid. Valid entries are listed in the RPG II user guide, UP-8067 (current version).

Correct and retransmit.

RED215 -RESULT FIELD LENGTH (COL 49-51) MUST BE 1-256 OR BLANK.

Entry in columns 49-51 is invalid. Valid entries are numbers from 1 to 256 or blanks.

Correct and retransmit.

RED216 -DECIMAL POSITIONS (COL 52) MUST BE 0-9 OR BLANK.

Entry in column 52 is invalid. Valid entries are numbers from 0 to 9 or blanks.

Correct and retransmit.

RED217 -HALF ADJUST (COL 53) MUST BE H OR BLANK.

Entry in column 53 is invalid. Valid entries are H or blank.

Correct and retransmit.

RED218 -RESULTING INDICATOR (COL 54-55, 56-57, 58-59) MUST BE 01-99, H0-H9, L1-L9, LR, U1-U8, KA-KN, KP-KY, OA-OG, OR OV.

Entry in columns 54-55, 56-57, or 58-59 is invalid.

Correct and retransmit.

RED219 -INDICATORS (COL 10-11, 13-14, 16-17) ARE NOT ALLOWED WITH THIS OPERATION

An illegal entry was made in columns 10-11, 13-14, or 16-17. These columns must be left blank with the operation specified in columns 28-32.

Correct and retransmit.

RED220 -FACTOR 1 (COL 18-27) IS REQUIRED FOR THIS OPERATION

An entry is required in columns 18-27 with the operation specified in columns 28-32.

Correct and retransmit.

RED221 -FACTOR 1 (COL 18-27) IS NOT ALLOWED WITH THIS OPERATION.

An illegal entry was made in columns 18-27. These columns must be left blank with the operation specified in columns 28-32.

Correct and retransmit.

RED222 -FACTOR 2 (COL 33-42) IS REQUIRED FOR THIS OPERATION.

An entry is required in columns 33-42 with the operation specified in columns 28-32.

Correct and retransmit.

RED223 -FACTOR 2 (COL 33-42) IS NOT ALLOWED WITH THIS OPERATION.

An illegal entry was made in columns 33-42. These columns must be left blank with the operation specified in columns 28-32.

Correct and retransmit.

RED224 -RESULT FIELD (COL 42-53) IS REQUIRED FOR THIS OPERATION

An entry is required in columns 43-53 with the operation specified in columns 28-32.

Correct and retransmit.

RED225 -RESULT FIELD (COL 43-53) IS NOT ALLOWED WITH THIS OPERATION.

An illegal entry was made in columns 43-53. These columns must be left blank with the operation specified in columns 28-32.

Correct and retransmit.

RED226 -RESULTING INDICATORS (COL 54-55, 56-57, AND 58-59) ARE REQUIRED FOR THIS OPERATION.

Entries are required in columns 54-55, 56-57, and 58-59 with the operation specified in columns 28-32.

Correct and retransmit.

RED227 -RESULTING INDICATORS (COL 54-55, 56-57, 58-59) ARE NOT ALLOWED WITH THIS OPERATION.

An illegal entry was made in columns 54-55, 56-57, or 58-59. These columns must be left blank with the operation specified in columns 28-32.

Correct and retransmit.

RED228 -NO INDICATORS WITH 'AND'/'OR' RELATIONSHIP.

Invalid 'AND'/'OR' specification was entered. Specifications must have at least one indicator entered in columns 10-11, 13-14, or 16-17. Permitted indicators are 01-99, L0-L9, LR, MR, 0A-0G, 0V, H0-H9 or U1-U8.

Correct and retransmit.

RED229 -FACTOR VARIABLE NAMES MUST BEGIN WITH A-Z, *, #, @, OR ?; NUMERICS WITH 0-9, -, +, OR '.'; LITERALS W/ APOSTROPHES.

First character of entry in columns 18-27 or 33-42 is invalid.

Correct and retransmit.

RED230 -FACTOR NUMERIC CONSTANTS MUST ONLY CONSIST OF 0-9, ., -, +, OR BLANK.

Factor numeric constant is invalid: it must consist only of numbers from 0-9, ., -, +, or blanks.

Correct and retransmit.

RED231 -FACTOR LITERAL IS NOT DELIMITED WITH AN APOSTROPHE.

Factor literal is missing an apostrophe.

Correct and retransmit.

RED232 -RESULT NAME MUST BEGIN WITH A-Z, *, #, ?, OR @.

Result name entered in columns 43-48 is invalid. Result name must begin with a letter from A-Z, *, #, ?, or @.

Correct and retransmit.

RED240 -FILENAME (COL 7-14) IS INVALID WHEN 'AND' OR 'OR' IS SPECIFIED.

Entry in columns 7-14 is invalid. When AND or OR is entered in columns 14-16, columns 7-14 must be blank.

Correct and retransmit.

RED241 -COLUMNS 17-22 MUST BE BLANK WITH 'AND'.

Entry in columns 17-22 is invalid. When AND is entered in columns 14-16, columns 17-22 must be blank.

Correct and retransmit.

RED242 -COLUMN 15 MUST BE H, D, T, E, OR BLANK.

Entry in column 15 is invalid. Valid entries are H, D, T, E, or blank.

Correct and retransmit.

RED243 -'ADD' OR 'DEL' ENTRY (COL 16-18) IS INVALID WITH 'AND' OR 'OR'.

Entry in columns 16-18 is invalid. When AND or OR is entered in columns 14-16, ADD or DEL cannot be entered in columns 16-18.

Correct and retransmit.

RED244 -COLUMNS 16 MUST BE F, 1, 2, OR BLANK.

Entry in column 16 is invalid. Valid entries are F, 1, 2, or blank.

Correct and retransmit.

RED245 -SPACE (COL 17-18) MUST BE 0-9 OR BLANK.

Entry in columns 17-18 is invalid. Valid entries are numbers from 0 to 9 or blanks.

Correct and retransmit.

RED246 -IF (COL 25) ? ASTERISK, THEN (COLS 23-24) MUST BE BLANK.

Entry in columns 23-24 is illegal. When an asterisk is entered in column 25, columns 23-24 must be blank.

Correct and retransmit.

RED247 -NOT (COL 23, 26, 29) MUST BE N OR BLANK.

Entry in column 23, 26, or 29 is invalid. Valid entries are N or blank.

Correct and retransmit.

RED248 -USE OF CHANNELS 08-13 (COL 19-22) IS NOT RECOMMENDED.

Informational message. When channels 8-13 are used, they are automatically translated. Therefore, the use of channels 8-13 should be limited to programs that are to be compiled in the Sperry 9200/9300 mode or the IBM 360/20 mode. (See Section 8 of the RPG II user guide, UP-8067 (current version).)

RED249 -SYSTEM/3 LINE NUMBERS ASSUMED (COL 19-22).

System/3 line numbers (01-99, A0-A9, B0-B2) are being used rather than the standard OS/3 line numbers (01-13). This is an informational message.

If System/3 line number was supplied erroneously, correct entry and retransmit; otherwise, reposition cursor and transmit.

RED250 -*AUTO ENTRIES (COL 23-31, 32-37, 38, 40-43, 44, OR 45-70) ARE INVALID DEPENDING ON THE CONTENTS OF COLUMN 39.

One or more of the entries in the columns specified are invalid because they conflict with the contents of column 39.

Correct and retransmit.

RED251 -COL 32-70 MUST BE BLANK ON OUTPUT RECORD SPECIFICATION

Entries in columns 32 through 70 are illegal. Columns 32 through 70 must be blank on this output specification screen.

Correct and retransmit.

RED252 -FIELD NAME MUST BEGIN WITH A-Z, *, #, @, %, ?, OR $.

Field name entry in columns 32-37 is invalid. Field name must begin with a letter from A-Z, *, #, @, %, ? or $.

Correct and retransmit.

RED253 -INDICATOR (COL 24-25, 27-28, 30-31) MUST BE 00-99, L0-L9, LR, H0-H9, MR, 1P, OA-OG, OV, KA-KN, KP-KY, OR U1-U8.

Entry in columns 24-25, 27-28, or 30-31 is invalid.

Correct and retransmit.

RED254 -INDICATOR OTHER THAN U1-U8 SPECIFIED WITH 1P

Entry in columns 24-25, 27-28, or 30-31 is invalid.

Correct and retransmit.

RED255 -EDIT CODE (COL 38) MUST BE 1-4, A-D, J-M, X-Z, FOR NUMERIC AND BLANK FOR ALPHANUMERIC FIELDS.

Entry in column 38 is invalid. For numeric fields, entry must be a number from 1-4 or a letter from A-D, J-M, X-Z. For alphanumeric fields, column 38 must be blank.

Correct and retransmit.

RED256 -CONSTANT OR EDIT WORD (COL 45-70) MUST BE BLANK IF (COL 38) IS NOT BLANK.

Entry in columns 45-70 is illegal. If an entry is made in column 38, columns 45-70 must be blank.

Correct and retransmit.

RED257 -BLANK AFTER (COL 39) MUST BE B OR BLANK.

Entry in column 39 is invalid. Valid entries are B or blank. If the auto report feature is configured, column 39 may be blank, B, A, C, R, or 1-9.

Correct and retransmit.

RED258 -BLANK AFTER (COL 39) MUST BE BLANK WHEN USING SPECIAL FIELD NAMES. PAGE1, UYEAR, *PLACE, ETC.

Entry in column 39 is invalid. When a special field name is entered in columns 32-37, column 39 must be left blank.

Correct and retransmit.

RED259 -ENDPOS (COL 40-43) IS MISSING OR INSUFICIENT FOR ADDITIONAL CHARACTERS FOR EDIT OPERATION (RANGE 1-9999).

Entry for columns 40-43 (which specifies the location in the output record where the rightmost character of a field being edited may be placed) is either missing or not large enough.

Correct and retransmit.

RED260 -DATA FORMAT (COL 44) MUST BE P, B, L, R OR BLANK.

Entry in column 44 is invalid. Valid entries are P, B, L, R, or blank.

Correct and retransmit.

RED261 -DATA FORMAT (COL 44) MUST BE BLANK WHEN CONSTANT OR EDIT WORD IS SPECIFIED.

Entry in column 44 is invalid. When a constant or edit word is entered in columns 45-70, column 44 must be blank.

Correct and retransmit.

RED262 -CONSTANT OR EDIT WORD (COL 45-70) IS SPECIFIED INCORRECTLY - HAS A MISSING OR EMBEDDED QUOTE.

Entry in columns 45-70 was specified incorrectly. Look for a missing or embedded quote.

Correct and retransmit.

RED264 -FORMAT LENGTH (COL 42-43)< K1-K8 WITH LEADING BLANK

End position (columns 42-43) for workstation files must be K1-K8, where column 43 designates the length of the format name that begins in column 45 of the output specification format.

Correct and retransmit.

RED265 -CONSTANT (COL 45-54) IS INCORRECT FOR WORKSTATION, FIRST CHARACTER OF FORMAT NAME MUST BE ALPHABETIC.
Entry in columns 45-54 is invalid. The first character of the format name must always be alphabetic.

Correct and retransmit.

RED266 -END POSITION (COL 43) IS NOT EQUAL-FORMAT NAME LENGTH.
Entry in column 43 is invalid. Must specify the length of the format name entered in column 45.

Correct and retransmit.

RED267 -FIELD NAME (CHARACTERS 2-6) MUST CONSIST OF A-Z, 0-9, *, #, @, ?, +, /, &, $, OR A COMMA.
Field name entry in columns 32-37 is invalid. Excluding the first character, the field name may consist of letters from A-Z, numbers from 0-9 or the characters *, #, ‡, ?, +, /, &, $, or, (comma).

Correct and retransmit.

RED268 -COLS (32-76) MUST BE BLANKS FOR OUTPUT RECORD SPECIFICATIONS: COLS (1-22) MUST BE BLANKS FOR OUTPUT FIELD SPECS.
Output record specifications must have blanks in columns 32-74. Output field specifications must have blanks in columns 1-22.

Correct and retransmit.

RED269 -FIELD NAME (COL 32-37) IS INVALID WITH COL 39 USAGE.
The entry in columns 32-37 is not compatible with the entry in column 39.

Correct and retransmit.

RED270 -CONFIGURATION (COL 15) MUST BE A-L, N-O, Q-R, T-Z OR BLANK.
Entry in column 15 is invalid.

Correct and retransmit.

RED271 -STATION TYPE (COL 16) MUST BE R OR T.
Entry in column 16 is invalid. Valid entries are R or T.

Correct and retransmit.

RED272 -TRANSPARENCY (COL 19) MUST BE N, Y OR BLANK.
Entry in column 19 is invalid. Valid entries are N, Y, or blank.

Correct and retransmit.

RED273 -SWITCHED (COL 20) MUST BE A, B, E, M, S OR BLANK.
Entry in column 20 is invalid.

Correct and retransmit.

RED274 -REMOTE TERMINAL (COL 48-51) MUST BE BSC, TTY, 100, 200, 500, 524, 1000, 1004, 2000, 2780, 9300 OR BLANK.
Entry in columns 48 through 51 is invalid.

Correct and retransmit.

RED275 -PERMANENT ERROR INDICATOR (COL 53-54) MUST BE 01-99, H1-H9, L1-L9, LR, OR BLANKS.

Entry in columns 53-54 is invalid.

Correct and retransmit.

RED276 -REMOTE DEVICE (COL 65-70) MUST BE PCH, RDR, PRNTR, 1442-2, 1443 OR BLANK.

Entry in columns 65-70 is invalid.

Correct and retransmit.

RED277 -FILENAME (COL 7-13) MUST BE SPECIFIED UNLESS COLUMN 14 IS AN ASTERISK (*).

File name is missing in columns 7-13. File name must be entered in columns 7-13 unless an * is entered in column 14.

Correct and retransmit.

RED278 -WAIT TIME (COLS 55-57) MUST BE BLANK OR A RIGHT-JUSTIFIED NUMERIC, RANGE 001-999.

Entry in columns 55-57 is invalid.

Valid entries are numbers from 001 to 999. The entry must be right-justified.

Correct and retransmit.

RED279 -LAST FILE (COL 60) MUST BE L OR BLANK.

Entry in column 60 is invalid.

Correct and retransmit.

RED280 -TERMINAL NAME (COL 71-74) MUST BE SPECIFIED.

Terminal name is missing in columns 71-74.

Enter terminal name and retransmit.

RED281 -REPEATED FILENAME (* IN COL 14) REQUIRES THAT COLUMNS 16-47 AND 55-70 BE BLANK.

Entry in columns 16-47 or 55-70 is invalid. When an asterisk (*) appears in column 14, these columns must be blank.

Correct and retransmit.

RED300 -SAVE SOURCE (COLUMN 7) MUST BE C OR BLANK.

The entry in column 7 is invalid. Valid entries are C or blank.

Correct and retransmit.

RED301 -FIRST CHARACTER OF LFDNAME OR MODULE NAME MUST BE A-Z, #, $, OR @.

The entry in columns 8-24 is invalid. This field contains the logical file name and the module name of the library to be searched. Both these names must begin with A-Z, #, $, or @.

Correct and retransmit.

RED302 -CHARACTERS 2-8 OF LFDNAME OR MODULE NAME MUST BE A VALID CHARACTER.

The entry in columns 8-24 is invalid. This entry is the logical file name and the module name. Characters 2-8 of both names must be valid characters.

Correct and retransmit.

RED303 -LFD AND MODULE NAMES MUST BE SEPARATED BY A COMMA WITHOUT EMBEDDED BLANKS.

The entry in columns 8-24 is invalid. The logical file name and module name must be separated by a comma and must not contain embedded blanks.

Correct and transmit.

RED304 -DATE SUPPRESS (COLUMN 27) AND * SUPPRESS (COLUMN 28) MUST BE N OR BLANK.

The entry in column 27 or 28 is invalid. Valid entries are N or blank.

Correct and retransmit.

RED305 -LIST OPTIONS (COLUMN 30) MUST BE P, B, OR BLANK.

The entry in column 30 is invalid. Valid entries are P, B, or blank.

Correct and retransmit.

RED306 -IF COLUMN 7 = C, A NAME MUST BE SPECIFIED IN 8-24; IF COLUMN 7 IS BLANK, 8-24 MUST BE BLANK.

The entry in columns 8-24 is invalid. If column 7 contains a C, columns 8-24 must contain a logical file name and/or a module name. If column 7 is blank, columns 8-24 must be blank.

Correct and retransmit.

RED307 -SPECIFICATION TYPE (COLUMN 6) MUST BE C, E, F, I, L, O, OR T FOR AUTO REPORT /COPY STATEMENT

The entry in column 6 is invalid. Valid entries are C, E, F, I, L, O, or T.

Correct and retransmit.

RM01 RESOURCE LIMITS HAVE BEEN REACHED - TRY AGAIN LATER

The number of users permitted to logon at one time has been reached. No new users are permitted.

Retry LOGON later when resources become available.

RM02 RESOURCE MANAGEMENT NOT CONFIGURED FOR THIS SUPERVISOR

A LIMITS command was issued, but the system does not have resource management capability.

No action is required.

RMrr

See TR#nn and TX#nn messages.

RP(AUX) INSERT NEXT PAGE INTO THE PRINTER

This is a request to place the next page into the 0791 correspondence quality auxiliary printer when operating in page mode.

Place the page in the printer and retransmit.

RPGC001 UNRECOVERABLE I/O ERROR. RPG COMPILATION ABORTED

An unrecoverable I/O error occurred during compilation.

Rerun the job. If the error persists, contact your Sperry customer representative.

RPGC002 NO EMBEDDED DATA FILE FOR GETCS

Inform the programmer that the compilation was terminated because the RPG II compiler could not find the source program.

RPGC003 UNRECOVERABLE I/O ERROR ON GETCS

An unrecoverable I/O error occurred while trying to read the job control stream.

Rerun the job. If the error persists, contact your Sperry customer representative.

RPGC004 NO PRINTER ASSIGNED FOR RPG COMPILATION

Inform the programmer that the compilation was terminated because a printer was not assigned.

RPG001 filename UNDEFINED RECORD TYPE

A record was read from a file that does not satisfy any of the record identifications specified for that file. The *ERROR field on the error analysis dump labeled IORB contains the address of the invalid record (Appendix C).

Compare the record identification codes in the record with those specified for the file on the input format specifications form. Either the record is incorrect, or the record identification codes are incorrect. In either case, make the necessary corrections. If operator control is specified, use option 1 to bypass or option 2 or 3 to terminate.

RPG002 filename COLLATING SEQUENCE ERROR

The matching fields specified for the record just read are not in sequence. The field labeled FILE DES on the error analysis dump contains the address of the file descriptor for the file that contains the invalid record (Appendix C).

Compare the matching field value in the record with the value on the input format specifications form and correct the invalid data sequence. If operator control is specified, use option 1 to bypass or option 2 or 3 to terminate.

RPG003 filename RECORD SEQUENCE ERROR

A record was read that is not in the sequence specified for sequence, number, and option on the input format specifications form. The *ERROR field on the error analysis dump labeled FILE DES contains the address of the file descriptor (Appendix C).

Check the numeric sequence on the input format specifications form for this type of record. If the record is out of sequence, place it in the proper sequence in the data file; otherwise, change the sequence on the input format specifications form. If operator control is specified, use option 1 to bypass or option 2 or 3 to terminate.

RPG004 INVALID ARRAY INDEX = value

The value specified is the signed value of the invalid index (1-15 digits). The name of the array that is invalidly indexed can be found by comparing the address contained in the *ERROR field on the error analysis dump labeled TLF with the addresses contained in the FIELD NAMES section of your RPG II source program listing (Appendix C). The *ERROR field labeled FIELD contains the address of the invalid index.

Check your program logic and make necessary changes to correct the index number. If operator control is specified and you want to continue, use option 0. This will set the index to 1 and allow the program to continue. If you don't want to continue, use option 2 or 3 to terminate.

RPG005 NEGATIVE SQUARE ROOT

Factor 2 of the SQRT operation is negative. The *ERROR field on the error analysis dump labeled FIELD contains the address of the negative factor 2 (Appendix C).

Correct your program by changing the logic or include a test for a negative value for the field that contains factor 2 and condition the SQRT operation on the results of this test. If operator control is specified and you want to continue, use option 0. This will set the result field to zero and allow the program to continue. If you don't want to continue, use option 2 or 3 to terminate.

RPG006 filename PUT (UPDATE) NO GET

Output to a combined or update file precedes input from that file; that is, output was specified for the file before records were read from the file, or output was specified twice with no intervening input. The *ERROR field on the error analysis dump labeled IORB contains the address of the IORB whose associated file is in question (Appendix C).

Check your output format specifications for the file. All output must be conditioned by an indicator. The same indicator setting must not condition more than one output record. If operator control is specified, use option 2 or 3 to terminate.

RPG007 FILE NOT OPENED

At least one input file and one output file must be open for an RPG II program to be executed. This error occurs if an attempt is made to access an input or output file that is conditioned by the U1-U8 indicators and the appropriate indicator is not on. Either the // SET UPSI job control statement is in error or the file conditioning indicator on the file description specifications is in error.

In either case, make the necessary changes. If operator control is specified, use option 2 or 3 to terminate.

RPG008 TABLE SEQUENCE ERROR

A table specified as in either ascending or descending sequence has an element out of order. The name of the table that contains the invalid element can be found by comparing the address contained in the *ERROR field on the format dump labeled TLF with the addresses contained in the FIELD NAMES section of your RPG II source program listing (Appendix C).

Correct the table sequence or remove the invalid element. If operator control is specified and you want to continue, use option 0. This allows the program to continue with the element out of sequence. If you don't want to continue, use option 2 or 3 to terminate.

RPG009 TABLE FULL

In loading a table or array, all elements are loaded but there is still data left to be loaded. The name of the table or array that is full can be found by comparing the address contained in the *ERROR field on the error analysis dump labeled TLF with the addresses contained in the FIELD NAMES section of your RPG II source program listing (Appendix C). The *ERROR field labeled RECORD contains the address of the record that contains the data to be loaded.

Check your file extension specifications for the table or array and change the number of entries per table or array as needed. If operator control is specified and you want to continue, use option 0. This allows the program to ignore the surplus entries and continue to read to end of file. If you do not want to continue, use option 2 or 3 to terminate.

RPG010 ALIGN PRINTER FORMS (Y OR N)?

Alerts the operator to ensure printer forms are properly aligned. If the forms were properly aligned before the message type-out, the operator types in a Y.

If the forms were not properly aligned, align the forms, type in an N (causes first output line to be printed again), and then type in a Y (continues the processing).

RPG012 filename SAM ERROR

A SAM error was detected. This message is always preceded by a data management message.

Correct the error as indicated in the explanation for the data management message.

RPG013 filename READ ISSUED TO DEMAND FILE AT EOF

A read operation was issued to a demand file already at EOF. The *ERROR field on the error analysis dump labeled FILE DES contains the address of the file descriptor of the demand file that is at EOF (Appendix C).

Check the data in the demand file and the read logic in your program to determine the reason for the EOF. If the data in the demand file and the read logic are correct, check your calculation specifications and place an indicator in columns 58 and 59 on the line that contains the read operation. If operator control is specified and you want to continue, use option 0. This allows the program to continue without reading from this file. If you don't want to continue, use option 2 or 3 to terminate.

RPG014 filename INVALID KEY FOR CHAINING

The field specified as the chaining field on the input format specifications (C1 through C9) is incompatible with the specified ISAM file because the field is alphanumeric and the file keys are numeric. The *ERROR field on the error analysis dump labeled KEY contains the address of the invalid key. The *ERROR field labeled IORB contains the address of the IORB of the chained files.

Check to see if the key in the file and the key in the field have the same data format and length; that is, both must be packed or unpacked and have the same length. If operator control is specified, use option 2 or 3 to terminate.

RPG018 filename DAM NO RECORD FOUND

In chaining to a DAM file, the record associated with the key was not found. The *ERROR field on the error analysis dump labeled KEY contains the address of the search key value, and the *ERROR field labeled IORB contains the address of the IORB of the associated file (Appendix C).

Compare the search key value with the file data to see if the key is valid. If operator control is specified, use option 1 to bypass or option 2 or 3 to terminate.

RPG019 filename DAM ERROR

A DAM error other than no record found was detected. This message is always preceded by a data management message. The *ERROR field on the error analysis dump labeled KEY contains the address of the key, and the *ERROR field labeled IORB contains the address of the IORB of the associated file (Appendix C).

Correct the file error as indicated in the explanation of the data management message that preceded this message. If operator control is specified, use option 2 or 3 to terminate.

RPG020 ISAM/IRAM ERROR

An ISAM/IRAM error other than no record found, overflow area full, or duplicate record was detected. This message is always preceded by a data management message. The *ERROR field on the error analysis dump labeled IORB contains the address of the IORB of the associated file (Appendix C).

Correct the file error as indicated in the explanation of the data management message that preceded this message. If operator control is specified, use option 2 or 3 to terminate.

RPG021 ISAM/IRAM NO RECORD FOUND

In chaining to an ISAM/IRAM file, the record associated with the key was not found. The *ERROR field on the error analysis dump labeled KEY contains the address of the search key value, and the *ERROR field labeled IORB contains the address of the IORB of the associated file (Appendix C).

Compare the search key value with the file data to see if the key is valid. If operator control is specified, use option 1 to bypass or option 2 or 3 to terminate.

RPG023 ISAM OVERFLOW AREA FULL

Output cannot be added to an ISAM file as the cylinder overflow area is full. The *ERROR field on the error analysis dump labeled KEY contains the address of the key, and the *ERROR field labeled IORB contains the address of the IORB of the associated file (Appendix C).

Check your file description specifications and extend the overflow area by changing the entry in the cylinder overflow space percentage (X10) field (column 67). If operator control is specified and you want to continue, use option 0. This allows the program to continue without adding a record. If you don't want to continue, use option 2 or 3 to terminate.

RPG025 ISAM/IRAM DUPLICATE RECORD

An attempt to add a record to an ISAM/IRAM file was made, but a record with the same key is already in the file. The *ERROR field on the error analysis dump labeled KEY contains the address of the key, and the *ERROR field labeled IORB contains the address of the IORB of the associated file (Appendix C).

Check your program logic and also check your output format specifications to see if the same record was specified to be added twice. If operator control is specified and you want to continue, use option 0. This allows the program to continue without adding a record. If you don't want to continue, use option 2 or 3 to terminate.

RPG027 INPUT EXCEEDS LENGTH OF REPLY FIELD

DSPLY permits the entering of information via the console during program execution. The error condition occurs if the length of the entered data exceeds the defined field.

Check data, correct erroneous condition, and continue. If operator control is specified, use option 1 to bypass or option 2 or 3 to terminate.

RPG028 USER SET HALT INDICATORS ARE:

Halt indicator set by user and not turned off before detail output. Program cancelled. Informational only.

If operator control is specified and you want to continue, use option 0. This sets off the halt indicators and allows the program to continue. If you don't want to continue, use option 2 or 3 to terminate.

RPG029 NONNUMERIC DATA INPUT TO NUMERIC FIELD

An input field that was specified as a numeric field contains improper digits and/or sign.

Correct the data and rerun. If operator control is specified and you want to continue, use option 0. This moves the input data to the field with the positive sign and allows the program to continue. If you don't want to continue, use option 2 or 3 to terminate.

RPG030 DIVIDE BY ZERO EXCEPTION

An attempt was made to divide by zero.

Check your program logic, make necessary corrections and rerun. If operator control is specified and you want to continue, use option 0. This causes the field divided by zero to be set to zero and allows the program to continue. If you don't want to continue, use option 2 or 3 to terminate.

RPG031 RPG II OPERATOR CONTROL. TYPE IN AVAILABLE OPTION (0, 1, 2, 3)

This message indicates that operator control is specified and that the H0 indicator or a user-specified indicator was set on.

Select one of the available options:

Use option 0 to continue; option 1 to bypass; option 2 for controlled termination; or option 3 for immediate termination.

RPG032 INVALID CHAINING REQUEST

The program cannot determine the file to be chained. The field *ERROR4 contains from-file number (number 1 through 20) which the file name was converted to, the record sequence, and the number of the chaining field (C1 through C9) of the invalid request. The record sequence and the number of the chaining field must be the same on both the input format and the file extension specification form.

Check these forms and make the necessary corrections. If operator control is specified, use option 2 or 3 to terminate.

RPG033 GETCS ERROR

An error encountered during an attempt to read an embedded data file in the control stream.

Correct error existing in embedded data and rerun job. If operator control is specified, use option 2 or 3 to terminate.

RPG034 CARD READ/PUNCH ERROR

An error occurred when the program tried to access the card read/punch device. This message is always preceded by a data management message.

Correct the error as indicated in the data management message that preceded this message. Rerun the job. If operator control is specified, use option 2 or 3 to terminate.

RPG035 PRINTER ERROR

An error occurred when the program tried to access the printer. This message is always preceded by a data management message.

Correct the error as indicated in the data management message that preceded this message. Rerun the job. If operator control is specified, use option 2 or 3 to terminate.

RPG036 filename SPECIAL FILE ERROR

An error occurred while attempting to access a nonstandard device.

Check the logic of your device handler and routine and make the necessary corrections. If operator control is specified, use option 2 or 3 to terminate.

RPG037 RPG PROGRAM CANCELLED. HALT INDICATOR SET BY USER

The HALT indicator was set by you and was not turned off before detail output. This is an informational message.

RPG041 CONSOLE I/O ERROR

A console I/O error has occurred. The *ERROR field on the error analysis dump contains the address of the IORB of the associated file.

Rerun the job. If the error persists, contact your Sperry customer representative. If operator control is specified, use option 2 or 3 to terminate.

RPG042 UNRECOVERABLE TELECOMMUNICATIONS ERROR

An unrecoverable error has occurred on a remote file.

Rerun the job. If the error persists, contact your Sperry customer representative. If operator control is specified, use option 2 or 3 to terminate.

RPG043 FILE ABORTED BY REMOTE CONTROL TERMINAL OPERATOR

The RPG II remote file has been terminated by the remote terminal operator.

If operator control is specified, use option 2 or 3 to terminate.

RPG044 PROGRAM EXCEPTION ERROR

A program exception error has occurred. The field *ERROR+8 contains the address of a 72-byte save area that contains the address of a program status word (PSW) and the contents of the program registers (0 through 15).

If the error occurred in a user subroutine, make the necessary corrections and rerun the job. If the error persists or it is not in a user subroutine, send the program dump and listing to your Sperry customer representative for further evaluation. If operator control is specified, use option 2 or 3 to terminate.

For program exception errors, operator control continue option results are:

- Fields containing all blanks are set to packed zeros.
- Invalid signs are set to X'C'.
- Operands with invalid digits are set to packed zeros.

The trapped instruction is then reexecuted. Normally, the continue option is used only when trying to recover data in an emergency.

RPG045 WORKSTATION ERROR

An error occurred when the program tried to access a workstation.

Correct the error as indicated in the data management message that preceded this message. Rerun the job.

RPG046 - INVALID ID FOR NEXT OPERATION

An invalid sub-ID for the workstation was specified for the NEXT operation.

Specify a resulting indicator and rerun the job. If operator control is specified, use option 0 to continue or option 2 or 3 to terminate.

RPG047 - INVALID FUNCTION KEY

The operator pressed an invalid function key.

Press a valid function key. If operator control is specified, use option 2 or 3 to terminate.

RPG048 - PROGRAM WORKSTATION LIMIT EXCEEDED

The number of workstations connected to the workstation file exceeds the maximum specified on the NUM command.

Increase the number of workstations on the NUM statement, or reduce the number of workstations to that of the specified maximum on the NUM statement. If operator control is specified, use option 2 or 3 to terminate.

RP01 INVALID REQUEST {NO / blank} UID ENTERED. OUTPUT WRITER TERMINATED

This message is displayed at the console with 'NO' specified if the operator did not enter a user-id. If the message is displayed at the workstation without the 'NO', a user-id should not have been entered.

If the request was made from the console, reissue the request and specify a user-id. If the request was from a workstation, reissue the request but do not specify a user-id.

RP02 function FUNCTION NOT PERMITTED FROM WORKSTATION

The output writer function specified is not permitted from a workstation.

RP03 AUX DEVICE NOT AVAILABLE. OUTPUT WRITER TERMINATED

An RP command was entered at the workstation, but no auxiliary device is available. The device may be down, in use, or not configured.

RP04 PRINTER NOT AVAILABLE. OUTPUT WRITER TERMINATED

An RP command was entered at the console, but no printer is available. The printer may be down, in use, or not configured.

RP05 UNSOLICITED MESSAGE NOT PERMITTED

The operator has entered an unsolicited message to interrupt an auxiliary remote printer output writer. The unsolicited message is ignored.

R00 RUN PROCESSOR ENCOUNTERED ERROR CODE error-code

An error was detected during an EXCP function. All of the following error codes refer to wrong information in the RUN processor internal tables, except the last error code which is a hardware error code.

Error	Meaning
0001	RUN library cannot be specified.
0080	Job directory is in error.
1000	The disk address for a read operation is zero.
2000	Job directory disk address is zero.
4000	The disk address for a write address is zero.
8000	Job directory entry is missing.
0800	Hardware error, EXCP terminated with I/O exception.

Refer to Appendix A for other error codes.

Rerun the job. When this message follows an R292 error, the code listed (nnnn) is the status bytes for the card reader CCB, as explained in the supervisor user guide, UP-8075 (current version).

R01 **JOB CONTROL ERROR CODES COMPLETED ON PROGRAM LISTING**

Scan of run processor errors is terminated because more than 10 errors have occurred. Previously listed errors caused this job to terminate.

R03 **{RUN / OCL} PROCESSOR SUCCESSFULLY PROCESSED jobname**

This is an informational message displayed at the workstation where the RU command originated. It indicates that the RUN or OCL processor completed processing the job with no errors and placed the job on the job queue.

R06 **SOURCE module-name NOT FOUND IN library-name CONTINUE YJCS Y/N**

When an alternate JCS library file is specified on the RUN/RV console/workstation command, and the source module is not found in the alternate library, the console/workstation operator is asked through this message if the search should continue in YJCS or if the job should be terminated.

R000

A list option given in the JOB statement or in the OPTION statement OPL= parameter is not valid (BASIC, PROC, EMB, DEBUG, SKIP, ALL, NONE).

The list option is ignored.

R002

On the JOB statement, the jobname is not specified; or the minimum main storge, the maximum main storage, or the number of tasks is incorrectly specified. Correct the statement and rerun.

On the OPTION statement, the MIN=, MAX=, or TSK= parameter is incorrectly specified. Correct the statement and rerun.

The job is not scheduled. The control stream is scanned for other jobs.

R003

For RUN processor: An error occurred in handling the RUN console command (e.g., the jobname parameter on the RUN console command exceeds eight characters). The job is ignored. No further processing occurs.

For OCL processor: The proc name plus the library code exceeds nine characters, or hyphenated library code is invalid, or invalid job override name.

R004

An error occurred during SAT processing of JCS library (in run processor initialization). The job is ignored. No further processing occurs. This message is also issued if the RUN processor is unable to establish a subfile entry in the log spool file for the job while the system is operating in a spooling environment.

R005

The first JCL statement was not JOB or RST. The job is not scheduled. The control stream is scanned for any other jobs.

R006

For RUN processor: The jobname parameter from the RUN command is not located in YJCS. The job is ignored. No further processing takes place.

For OCL processor: The jobname parameter from the OCL command is not located in the specified library.

R007

A parameter is missing from the RST statement. The job is not scheduled. The control stream is scanned for any other jobs.

R008

A decimal conversion error occurred when translating the checkpoint-id or job step number, or the job step number was not a positive number, or the restart step number is greater than 255. The job is not scheduled. The control stream is scanned for any other jobs.

R009

An error occurred during JCAT processing. The job is ignored. If possible, the job stream is scanned for any other jobs.

R012

The reader device assigned to the RUN processor is neither reader, punch, diskette, nor virtual. If a diskette is assigned, the block size of the input records is either less than 8 or greater than 128.

R013

A duplicate file name error occurred when the RUN processor attempted to allocate disk space for the job in YRUN. A job with the same name is probably already in the system.

Either defer running this job or run it with the RENAME parameter on the RU/RV command. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R014

The JOB statement MAX-TIME parameter or its corresponding OPTION statement parameter (MXT) contains an invalid value.

Correct statement and rerun.

R015

An error other than a duplicate file name error described in message R013 occurred when the RUN processor attempted to allocate disk space for the job in YRUN. The specific error code is given in the following R00 message. The job is not scheduled, but the job stream is scanned for other jobs.

R016

For RUN processor: The minimum storage requirements specified on the JOB job control statement exceed the maximum storage capabilities of the processor. The job is not scheduled. The job stream is scanned for any other jobs.

For OCL processor: The minimum storage requirements specified on the PARTITION statement exceed the maximum storage capabilities of the processor. The job is not scheduled. The job stream is scanned for any other jobs.

R018

The job name on the JOB statement exceeds eight characters, is missing, or is $$&USER$ for a console-initiated job. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R019

The memory space allocated to the RUN processor or the OCL processor is insufficient for its execution. The job is ignored, and the job stream is scanned for any other jobs.

R020

The phase name specified on the ALTER statement is greater than eight characters. It is truncated on the right and processing continues.

R021

An ALTER statement contained no parameters. It is ignored and processing continues.

R022

On the EXEC or LOAD statement, the name of the alternate library is illegal. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R023

On the EXEC, LOAD, or OPTION PRI statement, the specification for the switch priority is illegal. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R024

On the ALTER statement, the phase name is illegal. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R025

On the ALTER statement, the specified change is illegal. The change is more than 8 bytes (16 hexadecimal characters), contains an invalid hexadecimal character, is a quoted string not preceded by X or C, or is null. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R026

On the ALTER statement, the specified address is illegal. The address is more than six characters or contains an invalid hexadecimal character. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R027

On the EXEC or LOAD statement, program name is omitted or its length is greater than eight characters. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R028

For RUN processor: On the EXEC statement, the LFD name supplied as an alternate library was not located for a valid file, was not for a disk (disk or diskette for System 80), or was a multivolume file, or a USE statement was in the DVC-LFD sequence. The job will not be scheduled; however, the control stream is scanned for other jobs.

For OCL processor: A bad UNIT code was specified on the LOAD statement, the asterisk (*) was not allowed.

R029

This message results from one of the following conditions:

1. no valid card image input has been encountered as a result of a hardware failure on card reader open;
2. no jobname was specified on the RV console command;
3. the jobname specified in the RDR parameter of the RU console command has not been found as a subfile in the input spool file; or
4. the RUN/OCL processor attempted to access a card reader from a workstation.

R030

On the SET statement, no parameters were given. The statement is ignored.

R031

There are either no parameters specified on an OPTION job control statement or there is at least one null parameter specified.

Check statement; correct if necessary and rerun.

R032

On the SET statement, the specification of UPSI is illegal. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R033

On the SET statement, the specification for COMREG is illegal. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R034

An invalid feature is specified on the OPTION job control statement.

Correct OPTION statement and rerun.

R035

On the SET statement, the format for the date is illegal. The job will not be scheduled; however, the RUN on OCL processor continues to read and verify the control stream.

R036

On the OPR statement, the message format is illegal. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R037

On the SET statement, the first parameter is not UPSI, COMREG, or DATE. The job will not be scheduled; however, the RUN on OCL processor continues to read and verify the control stream.

R038

On the SET statement, the DATE field contains an invalid character or is too large. The job will not be scheduled.

R039

// RST must be from a card reader if it includes the jobname parameter.

R040

The message in an OPR, PAUSE, or JNOTE job control statement has more than 60 characters and is truncated to 60 characters, or the user ID has more than 6 characters and is truncated to 6 characters.

Correct statement if necessary and resubmit.

R041

The OPR, PAUSE, or JNOTE job control statement contained no message.

The statement is ignored by the run processor.

R042

A // PARAM or /$ statement has been encountered before a corresponding EXEC or RUN statement. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R043

On a PARAM statement, a single operand expanded to more than 62 characters. The job will not scheduled; however, the job stream is scanned for other jobs.

R044

An I/O error has occurred in writing the body of the temporary procedure. Data management will issue a message detailing the error.

R045

The RUN library cannot be extended for the body of the procedure. The extend error code will be listed.

R047

The user ID specified in an OPR, PAUSE, or JNOTE job control statement starts with Y and is not YCON, YMAS, or YORI. The user-id is more than eight characters, the host-id is more than four characters, or a host-id is specified but there is no user-id. The job is not scheduled; the job control stream is scanned for other errors.

Correct statement and resubmit.

R050

On the MTC statement, the LFD name is greater than eight characters. It is truncated on the right and processing continues.

R051

On the MTC statement, no LFD name was given. The statement is ignored and processing continues.

R052

On the MTC statement, the FCB denoted by the LFD name could not be located. The job will not be scheduled; however, the job stream is scanned for other jobs.

R053

On the MTC statement, the command given was not one of the permitted operations. The job will not be scheduled; however, the job stream is scanned for other jobs.

R054

The number given as positional parameter 3 on the MTC statement contained an invalid character. The job is not scheduled; however, the job stream is scanned for any other jobs.

R055

On the MTC statement, no operation was specified. The job is not scheduled; however, the job stream is scanned for any other jobs.

R056

A password violation occurred on the MTC statement. The job is not scheduled. The job stream is scanned for any other jobs.

R057

The lfdname parameter on the MTC job control statement does not indicate tape. The job is not scheduled. It is scanned for other errors and the control stream is scanned for other jobs.

R060

A message was sent to a workstation, but no workstations are configured; a RBP-initiated job is sending a message to a workstation other than the system console; or a message is to a remote host and DDP is not configured.

The message is sent to the console and processing continues.

R061

On the OPR, PAUSE, or JNOTE job control statement, a user ID list is not allowed unless the supervisor supports workstations. The user ID list is ignored and the system console is used for the destination. Processing continues.

R062

On the DVC statement, no parameters are specified. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R063

On the DVC statement, more than eight devices are specified for a multivolume direct access file. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R064

On the DVC statement for a multivolume direct access file, the device types do not agree: for example, // DVC 60 for the first volume and // DVC 70 for the next volume. The job is not scheduled but is scanned for other errors. The job stream is scanned for any other jobs.

R065

More than one DVC statement has been specified for a file without intervening VOL statements. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R066

On the DVC statement, the first parameter is incorrect. It included a SYSRES or SYSRUN specification within a sequential file which would require dismounting. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R067

On the DVC statement, an invalid logical unit number was specified; it was not RES, RUN, or 1 to 256. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R068

The device specified is not defined in the logical unit table. Check your logical unit number in the DVC control statement. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R070

On the DVC statement, the ALT option was specified for a nonsequential file. The option is ignored. This is an informational message.

No action is required.

R071

The job is not saved because consolidated data management is not configured in your system. This is an informational message.

No action is required.

R072

For RUN processor: An error was encountered during converting of the physical device address (parameter 2) on the DVC control statement.

For OCL processor: An error was encountered during converting of the physical device address (UNIT parameter) on the FILE statement.

The job is not scheduled but is scanned for other errors. The control stream is scanned for any other jobs.

R073

A physical device address (positional parameter 2) was specified on a DVC statement containing either RES or RUN as positional parameter 1. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R074

The job cannot be saved because consolidated data management is not configured in your supervisor. Because OPTION NOSCH was specified, the job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R075

On the DVC statement, more than one device is assigned to a unit record file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R076

A physical device was specified on a // DVC statement, but that device is not generated in your system. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R077

A physical device was specified on a // DVC statement, but that device is not of the same type as specified by the logical unit number on the same // DVC statement (e.g., // DVC 40,010). The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R080

On the LFD statement, the file name specified is greater than eight characters. The name is truncated on the right to eight characters. This is an informational message.

No action is required.

R082

For this LFD statement, the corresponding DVC or VOL statement is invalid, not present, or in an invalid sequence. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R083

There is more than one LFD statement for this file. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R084

On the LFD statement, the file name is missing. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R085

The LBL or VOL statement is not present for a virtual diskette. The job is not scheduled.

R086

The same lfdname was used for two spooled reader files in the same job step.

Correct specification and retry.

R090

On the LFD statement, the number of extents was incorrectly specified. The default value is used. This is an informational message.

No action is required.

R091

On the LFD statement, the final parameter is an unacceptable specification, and is ignored. This is an informational message.

No action is required.

R100

No parameters are associated with an EQU statement.

The statement is ignored.

R101

There is no file catalog (YCAT) on the SYSRES disk pack being used. The statement is ignored. No CAT or DECAT functions are performed.

Processing continues.

R102

On the EQU statement, the logical unit number is invalid or missing. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R103

On the EQU statement, an error was encountered during converting of the logical device type. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R104

On the EQU statement, no device type is paired with the logical unit number. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R105

On the EQU statement, the specification for the type code was less than two characters or greater than eight characters. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R111

A DST or ROUTE statement is used in a DVC-LFD sequence for a printer or punch that is not virtual, or there was an error in establishing the log spool file, which is needed for DST output routing. The statement is ignored and processing continues.

R112

For this VOL statement, the corresponding DVC statement does not precede the VOL statement. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R113

Output spooling diskettes are not allowed in distributed data processing or remote batch processing-initiated jobs. The job is not scheduled but is scanned for other errors.

R114

The VOL statement is not for a tape, disk, or diskette file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R115

The ROUTE or DST statement is not for a printer or punch file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R116

There are more than 152 volumes specified for this file using the VOL statement; there are more than 7 volumes specified for the output spool diskette file; there is more than 1 destination specified for this file using the DST statement; or there is more than 1 destination specified for this file using the ROUTE statement. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R117

The ROUTE and DST statements have both been used for a single file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R118

On the ROUTE statement, a host-id contains more than four characters, a user-id contains more than six characters, a host-id is not followed by a user-id, or a user-id starts with **Y**. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R119

The job has remote batch processing output, but the log is not to either a remote batch printer or the central printer. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R120

On the VOL statement, the S, NS, NOV, or PREP has been incorrectly specified for this volume. This is an informational message. The default value of S is used.

No action is required.

R121

The ROUTE statement for a punch file specifies a user-id. The user-id is ignored; output will be routed to the central punch at the specified host. This is a warning message. Processing continues.

R122

There is no volume serial number parameter on the VOL statement. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R123

A remote destination for punch or printer has been specified but the supervisor being used is not generated for remote destination support.

Correct specification and retry.

R124

On the ROUTE statement, a remote host is specified and distributed data processing (DDP) is not configured. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R125

On the VOL statement, the SCRATCH parameter is followed by a volume serial number parameter.

Correct and retry.

R126

On the VOL statement, more than one SCRATCH parameter has been specified for one device assignment set.

Correct and retry.

R127

On the DST statement, a destination of more than six characters is specified. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R128

On the VOL statement, the volume serial number has more than six characters. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R130

On the LBL statement, the tape file identifier has more than 17 characters or the disk file identifier has more than 44 characters. It is truncated on the right. This is an informational message; no action is required.

R132

There is no corresponding DVC statement for this LBL statement. The DVC statement is invalid or does not precede the LBL statement. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R133

The qualifier field of the LBL statement exceeds eight characters. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R134

On the LBL statement, the file identifier is missing or invalid. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R135

On the LBL statement, more than one slash has been used to separate the qualifier on the level identifier. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R136

More than one LBL statement was specified for this file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

Correct the control stream and rerun the job.

R137

The ROUTE statement for this file includes both DDP and local auxiliary printer destinations. This is not supported. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

Correct the ROUTE statement and rerun the job.

R140

On the LBL statement, the file-serial-number is too long. It is truncated to six characters. This is an informational message.

No action is required.

R142

On the LBL statement, the creation or expiration date exceeds six characters. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R143

On the LBL statement, the date contains less than two characters. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R144

On the LBL statement, the retention date field contains a nondecimal character for tape and disk files or it is specified for a diskette file which is not allowed. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R145

On the LBL statement the file-sequence-number is too long. The job is not scheduled; however, the RUN processor will continue to read and verify the control stream.

R146

On the LBL statement, the file is specified as a member of a split cylinder set. However, the set is a temporary job step (the first four characters are $SCR) and the file is not. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R147

On the LBL statement, the generation-number is too long. The job is not scheduled; however, the RUN processor will continue to read and verify the control stream.

R148

On the LBL statement, the version-number is too long. The job is not scheduled.

R150

On the SCR statement, the file name is greater than eight characters. The name is truncated on the right to eight characters. This is an informational message.

No action is required.

R152

For RUN processor: On the SCR statement, the file is missing. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

For OCL processor: No statement was given on the control card to $DELET program. The job is not scheduled; however, the OCL processor continues to read and verify the control stream.

R153

For the SCR statement, the file control block cannot be found for the specified file name. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R154

For RUN processor: On the SCR statement, the specified file name has a prefix of Y, which is a system file on SYSRES and an illegal specification.

For OCL processor: The specified file name on the LABEL parameter of the $DELET control card has a prefix of Y, which is a system file on SYSRES and an illegal specification.

The job is not scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R155

For RUN processor: On the SCR statement, the second parameter is not DATE or PRE. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

For OCL processor: Invalid control card to $DELET program (not a // SCRATCH or // REMOVE card), possibly because of missing // END card. The job is not scheduled; however, the OCL processor continues to read and verify the control stream.

R156

On the SCR statement, the third parameter has too few characters. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R157

On the SCR statement, a password violation occurred or you declared a file to be read-only by prefixing the file-id in the LFD statement with an asterisk. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R158

An SCR statement has been encountered for a virtual diskette. The job is not scheduled. It is scanned for other errors and the control stream is scanned for other jobs.

R162

On the SCR statement, the specification for the date has more than five characters. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R163

On the SCR statement, the specification for the year could not be converted correctly. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R164

On the SCR statement, the specification for the day could not be converted correctly. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R170

The target label of an IF/GO statement was not encountered before a FIN or END directive; e.g., the target of an IF/GO within a procedure is not in the procedure. This is an informational message; the END or FIN statement is treated as the target label.

R172

On an IF or GO statement, the entire operand is missing. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R173

On an IF or GO statement, the format is incorrect; there is no opening parenthesis. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R174

On an IF or GO statement, the format is incorrect; the statement is incomplete. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R175

On an IF or GO statement, the relational operator is invalid. The acceptable ones are EQ, NE, GT, LT, LE, and GE. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R176

On an IF or GO statement, there is a type conflict. You cannot specify both character and arithmetic types in the operand. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R177

On an IF or GO statement, the target label is incorrectly specified. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R190

For the CR statement, the card reader is in use. This statement is ignored. The // CR card is in the job being run from the reader or in a JPROC called by a job being run from the reader.

FILE the job to YJCS and rerun from there.

R192

END statement incorrectly placed in the job stream.

Correct placement and retry.

R193

For RUN processor: This message is the result of one of the following conditions:

1. No valid card image input has been encountered as a result of a hardware failure on a card reader open initiated through a CR statement.
2. A CR statement has been encountered in a job initiated with the RV console command. RU console command must be used.
3. The file specified in the RDR parameter of the RU console command has not been found as a subfile in the input spool file.

For OCL processor: A CR statement was encountered in a job initiated with the OV console command. OC console command must be used.

R202

For this EXT statement, the corresponding DVC and/or VOL statement is missing; both must precede the EXT statement. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R203

On the EXT statement, the specification is for a file other than a disk file. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R204

On the EXT statement, no parameters were specified. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R205

On the EXT statement, the first parameter (file type) is missing or incorrect. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R210

On the EXT statement, the second parameter (C, F, or CF) is incorrect. The default value is used. This is an informational message.

No action is required.

R211

On the EXT statement, the third parameter (secondary increment) is incorrect. The default value (1) is used. This is an informational message.

No action is required.

R214

On the EXT statement, only the first parameter is specified; the others are missing. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R215

On the first EXT statement for a volume serial number, only the first three parameters are specified. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R220

For this EXT statement, an attempt was made to preformat a file with a CYL specification. The specification should be BLK. Cylinder allocation is done and formatting is ignored. This is an informational message.

No action is required.

R223

On the EXT statement, the fifth parameter is incorrect. The size of the extent is not given. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R224

An invalid character was specified in the absolute address specifications on the EXT statement. The job will not be scheduled, but will be scanned for other errors. The job control stream is scanned for other jobs.

R232

On the EXT statement, the fourth parameter specifies BLK, but no block size is given. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R233

For this EXT statement, the specification in the fifth parameter could not be converted correctly. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R242

On the EXT statement, the format is incorrect for BLK or split cylinder specification. The dividing delimiter is missing. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R243

On the EXT statement, the block size for BLK or percentile allocation for split cylinder set is missing or incorrect. The job will not be scheduled; however, the RUN processor continues to read and verify the control stream.

R244

On the EXT statement, the dividing delimiter is invalid. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R245

On the EXT statement, the final closing parenthesis is missing. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R246

On the EXT statement, the number of blocks for BLK or the number of cylinders for a split cylinder set is missing or incorrect. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R250

Procedure definition; the name on the procedure call statement is greater than eight characters. The name is truncated on the right to eight characters. This is an informational message.

R251

Procedure definition; the label field of a PROC directive is greater than eight characters. The label is truncated on the right to eight characters. This is an informational message.

R252

Procedure definition; the first statement in the definition is not a PROC directive. The job is not scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R253

Procedure definition; the number of positional parameters is incorrectly specified on the PROC directive. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R254

For RUN processor: Procedure definition - an error was found during SAT processing while searching for the procedure definition on YJCS or YRUN. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

For OCL processor: Procedure definition - an error was found during SAT processing while searching for the procedure definition in the library specified by the second parameter on the CALL statement. The job is not scheduled; however, the OCL processor continues to read and verify the control stream.

R256

Procedure definition; the procedure definition was not found. The job will not be scheduled; however, the RUN or OCL processor continues to read and verify the control stream.

R258

A procedure parameter value exceeds the size specification (240 bytes). The job is not scheduled; however, the control stream is scanned for errors and other jobs.

R260

Procedure definitions; a keyword parameter on the procedure call statement was not specified on the PROC directive, or there is a positional parameter on the procedure call but none is specified on the PROC directive. The parameter specification is ignored in either case. Note that on the procedure call keyword parameters are followed by an equal sign. This is an informational message. The statement that produced the error may be valid; the procedure definition may be at fault.

R262

Procedure definition; the NAME directive with the correct name for the procedure is missing. The job is not scheduled; however, the RUN processor continues to read and verify the control stream.

R263

The // UID YMAS statement is not valid for console-initiated jobs because the console cannot connect to these jobs. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R264

The // OPTION SMC statement was specified for a job not running under SMC control. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

Rerun using proper SMC procedures.

R265

The maximum number of LFD statements (255) has been exceeded. The job is not scheduled, but the control stream is scanned for other errors.

Reduce the number of LFD statements and resubmit the job.

R267

Preceding CALL statement or procedure override statement contained an error and procedure will not be expanded.

This message is normally preceded by an R256 or R254 message for a // CALL statement.

R268

A procedure parameter and its value (from the procedure call line) exceeds size specification (>240 bytes). Job not scheduled. Remainder of job is scanned for errors and stream is searched for subsequent jobs.

R272 {RUN / OCL} PROCESSOR ABORTS JOB jobname DUE TO PREVIOUS ERROR

An error has been detected somewhere in the control stream. The job is ignored; however, the control stream is scanned for any other jobs.

R273

The job is terminated because an OPTION SEVERE statement has been satisfied or an OPTION TEST statement appears in the job stream.

No action is required.

R274

An error occurred during SAT processing of the RUN library. The job is ignored; however, the control stream is scanned for any other jobs.

R275

A job designated for saving through the SAVE or NOSCHED parameter of the OPTION statement contains file catalog updates.

The job is not saved.

R276

An end-of-job condition has been detected while a DVC-LFD sequence is outstanding (DVC with no LFD). The job is not scheduled; however, the job stream is scanned for other jobs.

R277 {RUN / OCL} PROCESSOR ABORTS JOB jobname {TAPE / DISK / DSKETT / PUNCH / PRINTER / READER / WKSTN} NOT AVAILABLE

The specified device type is required for execution of the specified jobname, but either is not available or is not configured with the supervisor being used. This message also appears if the assignment of a general device was requested before the assignment of a specific device of the same type (i.e., DVC 50 before DVC 60).

Correct job control device type specification or wait until device is available and retry.

R278

Two logical unit numbers are associated with the same physical address; for example; DVC 50,300 and then DVC 51,300. Another possiblity is that the device type for a physical device specification does not match the device type of the associated logical unit number; for example, DVC 20,300. Correct logical unit number or physical address specification and rerun. Also, the physical address specified may point to the SYSRES or SYSRUN device, but the volume indicated is not SYSRES or SYSRUN, implying demounting of a volume that cannot be removed.

In addition, on multistep jobs, the device ids must be declared in all steps and always in the same order on the unit parameter of the FILE statement. Correct and rerun.

R279

The RUN processor has been abnormally terminated. The job is ignored. The job stream is scanned for any other jobs.

R282

Main storage required to execute this job exceeds the available main storage. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R283

An error was encountered while closing the job log during cleanup. The job is not scheduled. The job stream is scanned for any other jobs.

R284

For RUN processor: An error occurred during SAT processing of YJCS or YCAT In RUN processor cleanup.

For OCL processor: An error occurred during SAT processing of YLOD or YOCLOD on SYSRES or SYSRUN in OCL processor cleanup.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R285

The step number specified on the // RST statement, which is the step at which the job is to be restarted, exceeds the number of steps in the job. The job is not scheduled. The control stream is scanned for other jobs.

R286

A missing or invalid FIN was encountered in cleanup. The preceding job is scheduled, and the RUN or OCL processor terminates.

R287

The required job queue table is full. The job is not scheduled but is scanned for other errors. The control stream is scanned for any other jobs.

R288

An error occurred while attempting to reload the RUN processor initialization overlay (from within cleanup). The job is ignored; however, the control stream is scanned for any other jobs.

R289

The job prologue is greater than 65,535 bytes. This can be caused by requests for excessive spool buffer space, the declaration of a large number of files, or the use of a large number of task control blocks (TCBs). The job is not scheduled, but the job stream is scanned for other jobs.

Reduce the number of spool buffers, file declarations, or TCBs requested, to bring the prologue size down below 65,536 bytes. (One common cause of this error is misuse of the spool buffer space specification (nXm); remember that the second parameter, m, is the number of 256-byte blocks, not the number of bytes.)

R290

OCL processor encountered an END record as last record in a procedure and is ignoring it. Last record in a proc may not be an END record.

If an END card is required, put two of them in the procedure; the last will be ignored.

R291

An end-of-file condition has been detected in the data set being used as input to the RUN processor before a // FIN statement was encountered.

A // FIN statement is manufactured and the RUN processor continues.

R292

A card-reader I/O error has occurred. Job is ignored. An attempt is made to scan the control stream for any other jobs.

R293

For RUN processor: The termination record was missing from a filed module (/& for filed job, END for PROC). This condition may occur if a target label for a GO or IF statement is not found.

This message can also mean that an extra END statement is contained in a proc (i.e., an END statement in the embedded data of a sort).

The job is ignored; however, the control stream is scanned for another job. If the input is a proc, the proc is terminated.

For OCL processor: The end of a filed module was encountered when it was not expected (a continuation record expected but end of file found). The job is ignored; however, the control stream is scanned for another job.

R294

For RUN processor: An I/O error occurred while reading a source or proc block from the JCS, YRUN, or alternate JCS library.

For OCL processor: An I/O error occurred while reading a source or proc block from the YLOD or YOCLOD on SYSRES or SYSRUN.

The current job is ignored; however, the control stream is scanned for another job. If the input is a proc, the proc is terminated.

R295

Invalid NAME parameter on a procedure FILE statement or NAME parameter not on first record of the statement. NAME parameter must be on first record of the FILE statement.

R296

The operand size limits were exceeded while expanding a proc or substituting set symbols. Substitution in embedded data is confined to the first 71 bytes of an image. The total number of characters after substitution cannot exceed 71 characters, including spaces. The job is not scheduled, but the control stream is scanned for other errors.

Correct job control stream and resubmit job.

R297

The SYSGEN option JOBACCTREQ=YES was specified, but no job account number appeared on the // JOB or // OPTION job control statement. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

Specify the job account number on the // JOB or // OPTION statement and rerun the job.

R298

The supervisor pub allocation table overflowed because the job used more sharable devices than the table could hold. The supervisor table has sufficient space for all sysgened sharable devices. However, when more devices are set sharable with the SET IO command, the supervisor pub allocation table overflows.

Either reduce the sharable device requirements for this job or resysgen the system with more sharable devices.

R299

A request for a card read operation was made while the card reader was inactive (i.e., an attempt is made to read past the // FIN card because of a missing /& or improperly paired /$/* sequences). The job is ignored.

R300

Substitution is being requested for a set symbol not previously defined. This message is initiated by a previously specified UNDEFINED parameter of the OPTION statement.

Define set symbol and retry.

R303

For RUN processor: Continuation was indicated on a control statement, but the comma after the last parameter is missing or an invalid character was used.

For OCL processor: An invalid character was detected following a closing quote. Only a comma or a blank is acceptable.

Correct statement and retry.

R304

While scanning for the beginning of a valid job control statement, RUN or OCL processor encountered the beginning of an invalid job control statement.

R305

A continue card is blank except for the leading //n. The statement is terminated, and the job is not scheduled. Job stream is scanned for any other jobs.

R306

A continue card contains no blank. The statement is terminated, and the job is not scheduled. Job stream is scanned for any other jobs.

R307

An expected continue card does not have leading //n. The statement is terminated, and the job is not scheduled. Job stream is scanned for any other jobs.

R308

An operand contains unpaired quotes or parentheses. The statement is terminated, and the job is not scheduled. Job stream is scanned for any other jobs.

R309

An error occurred while attempting to load a phase of the RUN or OCL processor. The job is ignored and, if possible, the control stream is scanned for other jobs.

R312

An error occurred in the RUN library SCRTCH macro execution. The job is ignored; however, the control stream is scanned for other jobs.

R313

An error occurred in attempting to reload the RUN or OCL processor initialization overlay. The job is ignored.

R314

For RUN processor: An error occurred during SAT's CLOSE of the YJCS, YRUN, alternate JCS, or YCAT library. The job is ignored.

For OCL processor: An error occurred during SAT's CLOSE of the YLOD or YOCLOD in SYSRES or SYSRUN. The job is ignored.

R316

An error was encountered while closing an input reader in the RUN processor error handler. The job is not scheduled; the stream is scanned for other jobs.

R317

An error was encountered while closing the job log during error handling. The job is not scheduled. The job stream is scanned for any other jobs.

R318

A missing or invalid FIN statement was detected. The RUN or OCL processor terminates.

R319

An error occurred while attempting to load the RUN or OCL processor's error handler phase. Job is ignored. The RUN or OCL processor terminates and the remainder of the control stream is not scanned. If a RUN library file was established for the job associated with this message, that RUN library file is not scratched.

R321

On a JSET statement, no label field was present. This is an informational message, and the statement is ignored.

R322

The JSET statement supplies an operand which exceeds the size specification. The statement is terminated, and the job will not be scheduled. Job stream is scanned for any other jobs.

R323

On the JSET statement, an attempt was made to divide by zero. The job will not be scheduled; however, the control stream is scanned for other errors and other jobs.

R328

A JSET symbol and its value exceed the size specifications (>240 bytes). The job will not be scheduled; however, the control stream is scanned for errors and other jobs.

R330

On the GBL statement, a null parameter was detected and is ignored. This is an informational message.

No action is required.

R331

The GBL statement contains no operands. The statement is ignored. This is an informational message.

No action is required.

R333

The global set symbol specified in the QGBL statement (set-id parameter) is longer than eight characters. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R334

On the QGBL statement, the initial value for the set symbol contains more than 60 characters. This cannot be displayed on the console. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R335

Error in QGBL phase of run processor when trying to do a WTLD. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R338

A GBL operation value exceeds the size specifications (>240 bytes). The job will not be scheduled; however, the control stream is scanned for errors and other jobs.

R350

The label field of the LCB statement is greater than eight characters. The name is truncated on the right to eight characters and processing continues.

R351

No parameters were specified on the LCB statement. The statement is ignored.

R352

For RUN processor: The DVC statement, which must precede the LCB statement, was missing, invalid, or misplaced.

For OCL processor: The FILE statement, which must precede the IMAGE statement, was missing, invalid, or misplaced.

The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R353

For RUN processor: The DVC statement with which this LCB statement is being paired was not for a unit record device.

For OCL processor: The FILE statement with which this IMAGE statement is being paired was not for a unit record device.

The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R354

More than one LCB statement was paired with a single DVC statement. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R355

On the LCB statement, a parameter has been given whose length is insufficient. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R356

On the LCB statement, the final quote on a positional parameter is missing. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R357

On the LCB or IMAGE statement, a hexadecimally specified positional parameter contains an odd number of digits. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R358

On the LCB or IMAGE statement, the length of the load code buffer exceeds the maximum allowed. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R360

On the LCB statement, the print band name is greater than eight characters. It is truncated on the right to eight characters and processing continues.

R361

The name of the distributed LCB requested was greater than six characters. Characters exceeding six in number are ignored and processing continues.

R362

On the LCB statement, a parameter interpreted as a keyword does not contain an =. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R363

On the LCB statement, a keyname is invalid. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R364

For RUN processor: On the LCB statement, the NUMBCHAR specification is invalid or does not agree with the characters actually specified.

For OCL processor: The IMAGE statement contains incorrect or conflicting specifications.

The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R365

For RUN processor: On the LCB statement, the CARTID, MISMCHAR, or SPACE code is incorrectly specified.

For OCL processor: The IMAGE statement contains incorrect or conflicting specifications.

The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R366

For RUN processor: On the LCB statement, the TYPE parameter does not specify an allowed printer type.

For OCL processor: The IMAGE statement contains incorrect or conflicting specifications.

The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R367

On the LCB statement, the dualing specification is incorrect. The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R368

On the LCB statement, the dualing specification gives more than eight characters (16 hex digits). The job will not be scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R372

On the LCB statement, the dualing specification is incompatible with the type of specification. The job is not scheduled; it is scanned for other errors, and the stream is scanned for any other jobs.

R373

The LCB statement type specified is not compatible with the DVC number. The job is not scheduled, but is scanned for other errors. The job stream is scanned for any other jobs.

R374

A hexadecimal load code specification on the LCB or IMAGE statement contains an invalid character. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R375

For RUN processor: On the LCB statement, the CARTID, MISMCHAR, or SPACE was specified as hexadecimal and contained an invalid character.

For OCL processor: The IMAGE statement contains incorrect or conflicting specifications.

The job is not scheduled, but is scanned for other errors. The stream is scanned for other jobs.

R380

The label field of the VFB or FORMS/PRINTER statement is greater than eight characters. It is truncated on the right to eight characters and processing continues.

R381

No parameters were given on the VFB statement. The statement is ignored.

R382

For RUN processor: The DVC statement with which this VFB is to be associated is missing, invalid, or misplaced.

For OCL processor: The FILE statement with which this FORMS/PRINTER statement is to be associated is missing, invalid, or misplaced.

The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R383

For RUN processor: The DVC statement with which the VFB is paired is not for a unit record device.

For OCL processor: The FILE statement with which the FORMS/PRINTER statement is paired is not for a unit record device.

The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R384

More than one VFB statement is associated with a single DVC statement. The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R385

The VFB statement type specified is not compatible with the DVC number. The job is not scheduled, but is scanned for other errors. The job stream is scanned for any other jobs.

R390

On the VFB or FORMS/PRINTER statement, the FORMNAME is greater than eight characters or the USE name is greater than six characters. Characters exceeding these in number are ignored and processing continues.

R391

On the VFB statement, more than one code has been assigned to a single line. All but the first are ignored.

R392

On the VFB statement, a keyword parameter contains no =. The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R393

On the VFB statement, an invalid keyname was given. The job is not scheduled; it is scanned for other jobs.

R394

On the VFB statement, the TYPE parameter given is invalid. The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R395

On the VFB statement, the FORMNAME or USE keyword was specified but no name was given. The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R396

On the VFB or FORMS/PRINTER statement, the length specification contains an invalid character or is outside allowable range (1 to 192). The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R397

On the VFB statement, a code number contains an invalid character or is outside allowable range (1 to 15). The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R398

On the VFB statement, a line number contains an invalid character or is outside allowable range (1 to 192). The job is not scheduled; it is scanned for other errors and the stream is scanned for other jobs.

R400

On the VFB statement, the name of the standard vertical format buffer (USE=parameter) is more than six characters. It is truncated to six characters and processing continues.

R401

On the VFB statement, codes with line numbers greater than or equal to the VFB length were encountered. The codes are ignored and processing continues.

R402

On the VFB statement, the DENSITY and/or code parameters were specified but the LENGTH parameter was not specified. The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R403

On the VFB or FORMS statement, the DENSITY parameter is invalid or not allowed. The job is not scheduled; it is scanned for other errors, and the stream is scanned for other jobs.

R404

On the VFB statement, the USE parameter cannot be specified if the DENSITY, LENGTH, or codes parameters are specified. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R405

On the VFB statement, the USE parameter is invalid. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R406

On the VFB statement for the SG$PRB job, the label field is invalid for the VFB destination, or the USE parameter was specified. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R412

On the LCB statement, the NAME parameter cannot be specified with any other parameters except CARTNAME or TYPE. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R413

On the LCB statement for the SG$PRB job, the label field is invalid; or the NAME parameter was specified. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R414

On the LCB statement, the NAME parameter is invalid. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R430

The mask on the SKIP statement was greater than eight characters. It is truncated on the right and processing continues.

R431

On the SKIP statement or on the EXEC statement's ABNORM keyword, no target label was given. The statement is ignored and processing continues.

R432

The target label is greater than 230 characters on the SKIP statement or greater than 8 characters on the EXEC statement's ABNORM keyword. The job is not scheduled; however, the job stream is scanned for other jobs.

R433

On the SKIP statement, the mask parameter contains characters other than 1 or 0. The job is not scheduled; however, the control stream is scanned for other jobs.

R434

The ALTER, SCR, REN, and MTC statements cannot be within a DVC-LFD sequence. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R435

A SKIP statement going into or out of a DVC-LFD sequence is not allowed. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R436

The third parameter on a SKIP statement is invalid. The job is not scheduled, but the control stream is scanned for other jobs.

R437

There are no UPSI bits specified on the SKIP command, an illogical condition.

R440

On the FREE statement, the LFD name is greater than eight characters. It is truncated on the right and processing continues.

R441

On the FREE statement, no LFD name was given. The parameter is ignored and processing continues.

R442

On the FREE statement, the format is incorrect. Statement terminated with an open parenthesis. The job is not scheduled; however, the job stream is scanned for other jobs.

R443

On the FREE statement, the LFD name was not found or the option specified for a particular file was incorrect.

R444

A FREE statement for a workstation file must specify the DEV parameter.

Add DEV specification to FREE job control statement and resubmit.

R445

The FREE statement LFD name refers to a DVC-LFD sequence for a workstation that contains an error.

Correct the error in the DVC-LFD sequence and resubmit.

R447

The FREE statement appears within a device assignment set.

The FREE statement must follow the device assignment set for the device and file being freed and cannot appear within any other device assignment set. Correct control stream and resubmit.

R450

A read password is not on the LBL statement but is in the file catalog entry for that file.

Reading of the file is inhibited. Processing continues.

R451

A write password is not on the LBL statement but is in the file catalog entry for that file.

Writing to the file is inhibited. Processing continues.

R452

A relative reference on the LBL job control statement was made to a generation file, and the file is not cataloged. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R453

A relative reference on the LBL job control statement was made to a generation file, and the catalog file is not a generation. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R454

A SAT error was encountered while trying to read a catalog file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R455

The password on the LBL job control statement exceeds six characters. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R456

A relative reference on the LBL job control statement to a generation file is outside the allowable limits or contains an invalid character. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R457

On the LBL job control statement, the slash between the read and write passwords is missing. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R458

The DVC and VOL job control statements for a file were not specified; the file is not cataloged. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R462

The read or write password on the LBL statement was not the same as the corresponding password for that file in the file catalog; or, both a read and a write password are in the file catalog and neither was supplied on the LBL statement.

The job is not scheduled.

R463

A specified or implied generation file member has not been found in the catalog. This is usually because the member has been decataloged leaving a gap between generation members. The job is not scheduled but is scanned for other errors. The control stream is scanned for any other jobs.

R470

The same disk logical unit number was assigned to two different volumes, which may require demounting. This prevents these volumes from being shared by other users.

If the two volumes are mounted on different devices during job execution, the device on which the first volume is mounted will be freed Subsequent attempts to open files on that first volume will result in a system error.

R472

Within one job, the same logical unit number has designated for two distinct device assignments when using the diskette, reader, printer, or punch. For example, with output spooling, both DVC 20 and DVC 20,002 were specified; or with both input and output spooling, both DVC 130,I and DVC 130,O were specified. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R473

For RUN processor: The same volume was specified more than once in a multivolume sequential file. Check the volume serial numbers on the VOL job control statement.

For OCL processor: The same volume was specified more than once in a multivolume sequential file. Check the PACK/REEL parameters on the FILE statement.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R474

SYSRES or SYSRUN was specified as a member of a sequential file. Check the specification on the DVC control statement. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R475

For RUN processor: One volume has been specified for two different devices in the same job step. Check the VOL job control statements in your control stream.

For OCL processor: One volume has been specified for two different devices in the same job step. Check the PACK/REEL parameters on the FILE statements in your control stream.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R476

Two volumes have been specified for the same device in the same job step. Check the DVC job control statements in your control stream. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R477

The number of devices required for this job exceeds the limit of 255. The job is not scheduled; it is scanned for other errors and the stream is scanned for other jobs.

R479

The maximum number of volumes permissible in a job has been exceeded. The maximum is 152, less the number of spool volumes not identical to SYSRES or YRUN.

R480

The same lfdname has been used more than once in a job step for a device other than a printer, punch, or real reader file. Only the last specified file is accessible to the program.

Correct lfdname and retry.

R482

An EXT job control statement has been specified for a file without a VOL or LBL job control statement. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R483

For RUN processor: A temporary work file has been specified as a multivolume file. If this file has multiple volumes, the LBL job control statement cannot have a file identifier starting with $SCR or $JOB. If, however, this is a work file for temporary use, you can only have one volume specified on the VOL job control statement.

For OCL processor: A temporary work file has been specified as a multivolume file. If this file has multiple volumes, the FILE statement cannot have a file identifier starting with $SCR. If, however, this is a work file for temporary use, you can only have one volume specified on the FILE statement.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R484

For RUN processor: The specifications on the DVC or VOL job control statement or the catalog reference on the LBL job control statement is invalid.

For OCL processor: The PACK parameter is not specified on the FILE statement.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R485

For RUN processor: The VOL job control statement is in error.

For OCL processor: The PACK/REEL parameters on the FILE statement are in error.

The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R486

For a file that is designated as read only on the LFD job control statement or for which the write password has not been satisfied, one of the parameters INIT, RELOAD, or EXTEND was specified on the LFD statement. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R487

A spooled device was requested for a real device not supported by the system.

Correct specification and retry.

R488

A volume serial number identical to the volume serial number of SYSRES or YRUN is being used for a device other than disk.

Correct volume serial number and retry.

R492

The system will not process more than seven spooled diskette volumes. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R500

The lfdname on the CAT or DECAT job control statement is greater than eight characters. It is truncated on the right, and processing continues.

R501

The lfdname was omitted on the CAT or DECAT job control statement. The statement is ignored; the file is neither cataloged nor released. Processing continues.

R502

The file declaration associated with the lfdname specified on the CAT or DECAT job control statement was not found. Check the lfdname to see if it matches the LFD job control statement. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R503

The CAT or DECAT statement is not allowed within a DVC-LFD sequence. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R504

An attempt was made to catalog or decatalog a file declaration that is automatically generated by the RUN processor (e.g. YMAC). Explicitly declare the file and resubmit the job.

R505

The DVC-LFD sequence to be cataloged or decataloged does not have a file identifier (LBL). The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R510

The catalog password specified on the CAT or DECAT job control statements is greater than six characters. It is truncated on the right, and processing continues.

R511

SCR (positional parameter 3) was not specified on the CAT or DECAT job control statement, and the final parameter is ignored. Informational message only.

R512

The catalog password (parameter 2) on the CAT or DECAT job control statement is not acceptable. It does not agree with the catalog itself. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R513

The third parameter (SCR) on the CAT or DECAT job control statement is incorrect. Check for spelling error and correct position of all parameters (not enough commas for omitted parameters). The job is not scheduled, but is scanned for errors. The control stream is scanned for any other jobs.

R514

On a CAT or DECAT job control statement, the fourth parameter specified is not GEN. Check for possible spelling error and correct position of all parameters (not enough commas for omitted parameters). The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R516

The number of generations specified on a CAT or DECAT job control statement contains an invalid character. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R517

A ROLLBACK parameter has been encountered on a CAT statement. ROLLBACK can only be specified on a DECAT statement.

R518

A MEMBER parameter has been encountered on a DECAT statement; or, the sign used with the LBL statement associated with a CAT statement is not negative.

Correct specification and retry.

R520

The file identified for decataloging is not in the file catalog. This message will only appear when a full DVC-LFD sequence is used to identify the file.

Correct specification and retry.

R521

True rollback cannot be achieved for the file identified in a DECAT statement. Partial rollback will be performed.

R522

The file to be cataloged does not reside on tape, disk, or real diskette. File is not cataloged.

R523

The file to be cataloged is already in the catalog as a generation file. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R524

The label for the file to be cataloged as a generation file is too long. The maximum length for a tape file label is 15 characters; for a disk file label, 42 characters.

R525

A CAT or DECAT statement has been specified more than once for the same file.

Remove unnecessary statements from control stream.

R526

The member of a generation file to be inserted is already present in the file catalog.

R527

A request has been made to decatalog an entire generation file, but the file specified in the DECAT statement is not a generation file.

Correct specification and retry.

R528

Rollback is being requested through a DECAT statement for a file that is either not a generation file, or not the current member of a generation file.

Correct DECAT statement and retry.

R530

A read password is on the LBL statement but is not in the file catalog entry for that file.

No action is required.

R531

A write password is on the LBL statement but is not in the file catalog entry for that file.

No action is required.

R532

An attempt was made via a CAT job control statement to overwrite an old catalog entry, and the write password specified on the new file was not valid. The valid job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R533

An attempt was made to catalog a generation file that already exists in the catalog. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R534

A SAT I/O error was encountered on the catalog file. The job is not scheduled, but is scanned for other errors. The control stream is scanned for any other jobs.

R536

An attempt was made to catalog a disk file with a general device type. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

R537

An attempt has been made to catalog as a generation file a fileid that is already cataloged as a member of a generation. The job will not be scheduled, but is scanned for other errors. The stream is scanned for other jobs.

R538

OPTION MAS=OPERATOR is not allowed when using the SECURITY function.

The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R539

The catalog file exceeds 64K blocks. The RUN processor terminates.

R541

OPTION MAS, OPTION ORI, and OPTION OUT job control statements cannot be used with remote batch jobs or if the supervisor does not support workstations. The option is ignored and processing continues.

R542

The user-id on the OPTION MAS or OPTION ORI job control statement exceeds six characters and is not OPERATOR, starts with Y and is not YCON, or is not specified and the host-id is specified. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

Correct the statement and resubmit.

R543

The user ID cannot contain a left parenthesis; indicates a possible misuse of the (EXEC) option on the OPTION MAS job control statement. The job is not scheduled, but the control stream is scanned for other errors.

R544

The host-id on the OPTION MAS or OPTION ORI job control statement exceeds four characters, starts with Y and is not YH, or more than one host-id is specified. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R545

The parameter on the OPTION MAS, OPTION ORI, or OPTION OUT job control statement requires that distributed data processing be configured. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R546

There are too many parameters on the EXEC statement. The job will not be scheduled but is scanned for other errors. The job stream is scanned for other jobs.

R547

The OPTION MAS or OPTION ORI job control statement requires that workstation support be configured. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R548

The OUT parameter on the OPTION statement is invalid. Valid parameters are CENTRAL, ORIGINATOR, or a host-id and user-id. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R550

The JOB statement ACCT-NO parameter or its corresponding OPTION statement parameter (ACN) contains an account number of more than four characters. It is truncated to four characters, dropping the rightmost characters.

Correct account number specification and rerun.

R551

N, H, L, or P was not specified for the priority parameter on the JOB control statement. Priority N (normal) is used and processing continues.

R552

The JOB statement nXm parameter or its corresponding OPTION statement parameter (BUF) does not contain the X delimiter.

Correct buffer spool size specification and rerun.

R553

The JOB statement nXm parameter or its corresponding OPTION statement parameter (BUF) has a missing or invalid number-of-buffers (n) specification.

Correct specification and rerun.

R554

The JOB statement nXm parameter or its corresponding OPTION statement parameter (BUF) has a missing or invalid buffer size (m) specification.

Correct specification and rerun.

R555

The JOB statement nXm parameter or its corresponding OPTION statement parameter (BUF) has a buffer size (m) specification of zero.

Correct specification and rerun.

R556

The JOB statement log file print option parameter or its corresponding OPTION statement parameter (PRT) contains an invalid specification.

Correct specification and rerun.

R557

The JOB statement page separator option parameter or its corresponding OPTION statement parameter (HDR) contains an invalid specification.

Correct specification and rerun.

R558

YES or NO was not specified for the OPTION MERGE job control statement. The job is not scheduled, but the control stream is scanned for other errors.

R561

N, H, L, or P was not specified for the priority parameter on the RUN/RV console or workstation command. Priority N (normal) is used and processing continues.

R570

On the SPL statement, the first parameter is not HOLD, RETAIN, or DUMP. The option is ignored and processing continues.

R571

On the SPL statement, no operands were given and the statement is ignored.

No action is required.

R572

A SPL statement was encountered outside a device assignment set. The job is not scheduled but is scanned for other errors. The stream is scanned for other jobs.

R573

For RUN processor: The device assignment set that includes this SPL statement is not for a unit record device.

For OCL processor: The device assignment on the FILE statement associated with this SPL statement is not for a unit record device.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R574

On the buffer specification of the SPL statement, the delimiter (X) is missing. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R575

On the SPL statement, the number of buffers is missing or incorrectly specified. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R576

On the SPL statement, the buffer size is missing or incorrectly specified. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R577

On the SPL statement, a buffer size of zero was given. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R578

The first parameter of the SPL job control statement is invalid. The job is not scheduled but is scanned for other errors.

Correct parameter specification and resubmit job.

R580

On the SPL statement, the card type (FORMNAME) is greater than eight characters. It is truncated on the right and processing continues.

R581

On the SPL job control statement, a parameter for the device is not allowed. The parameter is ignored and processing continues.

R582

On the SPL statement, the number of copies is invalid or is greater than 255. The job is not scheduled but is scanned for other errors. The job stream is scanned for other jobs.

R583

On the SPL statement, the number of VFB codes is invalid. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R585

On the SPL statement, the maximum records specification is invalid. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R586

On the SPL statement, the NOHDR parameter is incorrectly specified. The job is not scheduled but is scanned for other errors. The job stream is scanned for other jobs.

R587

On the SPL statement, the breakpoint record number specification is invalid. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R588

On the SPL job control statement, the NOTSTL parameter is incorrectly specified. The job is not scheduled, but is scanned for other errors.

Correct NOTSTL specification and resubmit job.

R592

On the SPL job control statement, the number of breakpoint records is invalid. The job is not scheduled but is scanned for other errors.

Correct the brk-pge parameter specification and resubmit job.

R593

On the SPL job control statement, the NOUPD parameter is incorrectly specified. The job is not scheduled, but is scanned for other errors.

Correct NOUPD specification and resubmit job.

R594

On the SPL job control statement, the NOCMP parameter is incorrectly specified. The job is not scheduled, but is scanned for other errors.

Correct NOCMP specification and resubmit job.

R595

On the SPL job control statement, the RETAIN parameter is incorrectly specified. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

Correct the RETAIN parameter and rerun the job.

R596

The SPL job control statement contains too many parameters. The job is not scheduled, but it is scanned for other errors.

Correct SPL statement and resubmit job.

R597

On the SPL job control statement, the HOLD parameter is incorrectly specified. The job is not scheduled, but is scanned for other errors. The job stream is scanned for other jobs.

Correct the HOLD parameter and rerun the job.

R598

The fourteenth positional parameter on the SPL statement was not SECURE; or the fourteenth parameter was correct but the file was to be printed at an RBP destination or had more than one destination. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

Correct the statement and rerun the job.

R600

On the QUAL statement, the qualifier exceeds eight characters. It is truncated on the right and processing continues.

R620

On the PROC or NAME statement, the label field exceeds eight characters. It is truncated on the right.

R622

The NAME directive was not entered as the second statement in a procedure. This directive may be completely missing from the procedure, or may simply be out of sequence.

R623

The parameter for the OPTION OFT job control statement does not start with +, is not numeric, or is greater than 16. The job is not scheduled, but is scanned for other errors.

R624

An I/O error occurred while writing the proc directive to the RUN library. The data management error message detailing the error is given.

R625

An error occurred extending the RUN library while inserting proc directives. The space management error code is listed.

R626

The user RUN library initial open failed. The data management error code is listed.

Rerun the job. If error persists, contact your Sperry customer engineer.

R627

An operand of the PROC or NAME directive exceeds 70 characters.

Correct directive; then rerun the job.

R629

A temporary jproc cannot be defined within a DVC-LFD sequence. The run processor terminates.

R643

Load module requires shared code that is not configured.

Configure required code; then rerun the job. Shared code must be located in YSCLOD when job is rerun.

R644

I/O error occurred while reading shared code records in user load module. Usually this indicates that the module could not be found in YSCLOD.

Rerun the job. If error persists, contact your Sperry customer engineer.

R645

An outstanding DVC-LFD sequence has been detected at EXEC statement time (DVC with no LFD). The job is not scheduled but is scanned for other errors. The job stream is scanned for other jobs.

R646

An I/O error occurred while reading the module identified on the EXEC or LOAD statement. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R647

The job contains more than 255 // EXEC statements. The job is not scheduled but is scanned for other errors. The job stream is scanned for other jobs.

R648

If SPL SECURE is specified for a file, neither the DST statement nor multiple ROUTE destinations may be used. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R650

Either no parameter or a null parameter is specified on the SFT statement. This is an informational message only; no action is required.

R651

An SFT statement calling for a shared module is present in the control stream but shared-code processing is not supported by the supervisor being used. The shared module call is ignored.

R652

A module name specification on an SFT statement is more than eight characters long. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R653

An I/O error occurred while reading a module specified on an SFT statement. Usually this indicates that the module could not be found in YSCLOD. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R654

The number of DLOAD slots specified in the SFT statement is invalid. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R655

The expansion limit specified in the SFT statement is invalid. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R656

The module identified by an SFT statement has been found, but it is not a sharable module. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R662

An I/O error was encountered while reading a shared code module.

Rerun the job. If error persists, contact your Sperry customer engineer.

R700

There is a null parameter in the DD statement.

This is an informational message; no action is required.

R701

There are no keyword parameters associated with a DD statement. The statement is ignored.

R702

The DD statement is outside the range of a DVC-LFD sequence. The job is not scheduled.

R703 There is more than one DD statement in a DVC-LFD sequence. The job is not scheduled.

R704 A parameter in the DD statement does not have an equal sign. It cannot be a keyword parameter. The job is not scheduled.

R705

The specified keyword parameter in the DD statement is not one of the set of permissible keyword parameters. The job is not scheduled.

R706

The specified keyword parameter in the DD statement has a null value. The job is not scheduled.

R712

The specified keyword parameter in the DD statement requires a numeric value. The job is not scheduled.

R713

The specified keyword parameter in the DD statement has been used more than once in that DD statement. The job is not scheduled.

R714

The value given the specified keyword parameter in the DD statement is not one of the permissible values associated with that keyword parameter. The job is not scheduled.

R721

There are either no parameters on the CC statement or the first parameter, the system command, is not present.

Correct statement and rerun.

R728

In a CC statement, the system command and parameters together exceed 60 characters in length.

Correct statement and rerun.

R740

The lfdname specified in a REN statement is longer than eight characters. It is truncated to eight characters.

Correct statement and rerun.

R741

The device assignment set identified by the lfdname in a REN statement contains more than one volume. Only the label on the first volume will be renamed.

Check specification; correct if necessary and rerun.

R742

There are either no parameters on the REN statement or the first parameter, the lfdname, is not present.

Correct statement and rerun.

R743

The lfdname specified in a REN statement has not been previously defined or has been made unavailable through the use of some intervening statement (another REN statement, a SCR statement, or a FREE statement).

Check lfdname specification; correct if necessary and rerun.

R744

The label to be changed by the JCL REN statement or scratched by either the JCL SCR statement or the OCL REMOVE control statement for $DELETE starts with Y on SYSRES or YR on SYSRUN.

The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R745

The label in a device assignment set, which is the target of a REN statement, begins with YRUN and is located on SYSRUN.

No action is required. File cannot be renamed.

R746

Renaming not allowed; read-only file.

Correct device assignment set and retry.

R747

The old label has not been provided in the device assignment set which is the target of a REN statement.

Correct statement and rerun.

R748

The lfdname specified in a REN statement indicates a file which is not a disk file.

No action is required. Disk files only can be renamed.

R752

No new label has been specified in a REN statement.

Correct statement and rerun.

R753

A null new label has been specified in a REN statement.

Correct statement and rerun.

R754

A new label beginning with a slash (/) has been specified in a REN statement.

Correct statement and rerun.

R755

A new label has been encountered in the REN statement with a qualifier longer than eight characters.

Correct statement and rerun.

R756

A new label in the REN statement is longer than 44 characters.

Correct statement and rerun.

R757

A new label in the REN statement is identical to the old label.

Correct statement and rerun.

R758

An invalid character was specified in the NEW-LABEL parameter of the REN statement; i.e., +, ', -, (,).

Correct NEW-LABEL specification and retry.

R762

The SPL statement for files other than PRNTR or PUNCH or the REN statement is not allowed in a $KCOPY or $DCOPY LOAD/RUN sequence. The job is not scheduled. Correct the control stream and rerun the job.

R763

ALTJCS was specified on // RST job control statement. The job is terminated.

Specify ALTJCS via console command and resubmit.

R764

Message indicates a file open error on an alternate library file. May be caused by the specified alternate file label not being listed in the VTOC of the specified disk volume. The job is terminated.

Correct job control stream and resubmit job.

R765

The ALTJCS job control statement requests that jprocs be read from one alternate library while the input is being taken from another. Only one alternate library can be used at a time.

Correct job control stream and resubmit job.

R766

The file label on the ALTJCS job control statement or the console/workstation command is longer than 44 characters. The job is terminated.

Correct file label specification and resubmit job.

R767

The volume serial number specified on the ALTJCS job control statement or the console/workstation command is longer than six characters. The job is terminated.

Correct volume serial number specification and resubmit job.

R768

A read password was specified in an ALTJCS job control statement or a console/workstation command that is longer than six characters. The job is terminated.

Correct read password specification and resubmit job.

R769

The FREE option can only be specified on the ALTJCS job control statement if the file specified is the previously defined alternate library file, or if no new alternate library file has been defined. The job is terminated.

Correct job control stream and resubmit job.

R770

The LUN keyword parameter on the ALTJCS job control statement is nonnumeric, is greater than 255, is not for a valid device type, or is specified when a volume serial number is not specified. The parameter is ignored and processing continues. Correct the parameter and rerun the job.

R771

No label, volume serial number, or password was specified on an ALTJCS job control statement, but processing continues because no previously defined alternate library file was active.

Informational message.

R772

The LUN keyword parameter on the ALTJCS statement is not the last parameter. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

Correct the ALTJCS statement and resubmit the job.

R773

This message is displayed if it is not possible to mount or use the requested disk pack or diskette for the alternate library file. The job is terminated. One of the following conditions caused the message to appear:

- No disk drives of the requested type are available. Make sure that all operational disk drives are available and rerun the job.
- The disk pack is currently in use as a nonsharable pack by another job. Wait for the job to terminate or free the pack.
- The device requested is a diskette that is being used by another job. Diskettes are not shareable.
- Operator responded 'C' (cancel) to the JC10 message.

R774

An invalid option has been specified on an ALTJCS job control statement. The job is terminated.

Correct job control statement option specification and resubmit job.

R775

A label has not been specified for an alternate library file on an ALTJCS job control statement or a console/workstation command, but volume serial number or password is specified. The job is terminated.

Correct specification and resubmit job.

R776

The ALTJCS job control statement or the console/workstation command defining an alternate library file contains too many parameters. The job is terminated.

Correct specification and resubmit job.

R777

The alternate library file from the file catalog was either a multivolume file or was not a disk file. The job is terminated.

Correct job control stream and resubmit job.

R778

A valid read password was not specified on an ALTJCS job control statement or on a console/workstation command. The file label is read password protected in the file catalog. The job is terminated.

Check with your system administrator for the correct read password, correct job control stream, and resubmit job.

R779

An error occurred during alternate library file processing. The job is terminated.

Check to ensure that cataloged alternate library file is specified correctly, correct specifications if necessary, and resubmit job.

R781

An error occurred when an attempt was made to free the device for the alternate library file, but processing continues.

Informational message.

R782

An invalid device type was specified for the USE job control statement.

Correct job control stream and resubmit.

R783

The USE statement type is not specified; you must specify USE DP or USE SFS.

Correct job control statement and resubmit.

R784

The initial screen parameter of the USE SFS job control statement is longer than eight characters, or the first character is numeric.

Correct job control statement and resubmit.

R785

The format-file-lfd parameter of the USE SFS job control statement is longer than eight characters, or the first character is numeric.

Correct job control statement and resubmit.

R786

The device assignment set for the format-file-lfd specified in a USE job control statement does not precede the device assignment set that contains the USE job control statement.

Correct job control statement and resubmit.

R787

The JOB control statement specifies an invalid start time.

Correct job control stream and resubmit.

R788

The number of screens (nnn) parameter of the USE SFS job control statement is invalid - more than 3 characters are specified, or a value greater than 255 is specified.

Correct job control statement and resubmit.

R792

More than 12 alias name sets are specified in a USE SFS job control statement.

Correct job control statement and resubmit.

R793

The screen-format=alias parameter of the USE SFS job control statement contains one of the following errors:

1. Either screen format name or alias name is longer than eight characters, contains a numeric first character, or contains an embedded blank or comma.
2. The equal delimiter is missing.
3. The alias name specification is missing.

Correct job control statement and resubmit.

R794

The dialog name parameter of the USE DP job control statement is longer than eight characters or the first character is numeric.

Correct job control statement and resubmit.

R795

The printer-lfd parameter of the USE DP job control statement is longer than eight characters or the first character is numeric, or the device assignment set for the printer file does not precede the USE job control statement that specifies the printer-lfd.

Correct job control stream and resubmit.

R796

The new-audit-lfd parameter of the USE DP job control statement is longer than eight characters or the first character is numeric, or the device assignment set for the new audit file does not precede the USE job control statement that specifies the new-audit-lfd.

Correct job control stream and resubmit.

R797

The old-audit-lfd parameter of the USE DP job control statement is longer than eight characters or the first character is numeric, or the device assignment set for the old audit file does not precede the USE job control statement that specifies the old-audit-lfd.

Correct job control stream and resubmit.

R798

The element name parameter of the USE LIB statement is longer than eight characters, the TYPE parameter has no element name specified, there is an extra comma after the last element name, or there are more than 30 element names specified.

Correct the job control statement and resubmit the job.

R802

The length of a positional parameter either exceeds the maximum length for that parameter, is not supplied, or contains invalid digits. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

R803

A keyword parameter is missing a dash (-). The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R804

The key portion of a keyword parameter is zero. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R805

The length of a keyword parameter exceeds the maximum allowed for that parameter. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R806

An invalid or duplicate keyname was specified. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R807

A sublisted keyword parameter contains more subelements than allowed, or a positional parameter is sublisted. The job is not scheduled.

Correct the control statement in error and then rerun the job.

R808

More positional parameters were supplied than are allowed.

R810

The minimum memory size specified on the PARTITION or JOB statement is less than the minimum value for OS/3. The parameter is ignored and processing continues.

R811

Neither the SOURCE nor OBJECT parameters were given on the COMPILE statement. The statement is ignored.

R812

A required parameter was not specified. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R813

A parameter has been improperly specified. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R814

The second parameter has been incorrectly specified. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R816

On the COMPILE statement, either the UNIT or SOURCE parameter was specified without the other. The job is not scheduled but it is scanned for other errors. The control stream is scanned for other jobs.

R817

The SOURCE statement is not processed by OCL. The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R822

On the CALL statement, the procedure name parameter was not provided. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R823

On the CALL statement, the UNIT parameter was not provided. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R824

A procedure override statement is not a // or * (comment) statement. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R825

The specified library is not available. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R827

A substitution statement exceeds 250 characters. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R829

The LIBRARY code specified in the jobname parameter on the console command is invalid.

R832

On the DATE statement, a field contains too many digits. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R833

On the DATE statement, a delimiter has been misplaced. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R834

On the DATE statement, an invalid delimiter was provided. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for other jobs.

R835

On the DATE statement, an invalid calendar date was specified. The job is not scheduled but it is scanned for other errors. The control stream is scanned for other jobs.

R837

The DATE statement does not contain a date field. The job was not scheduled.

Correct the DATE statement and then rerun the job.

R840

Split cylinder file allocation is ignored in OCL. The files are allocated as full-cylinder files. This is a warning only, although it is suggested that the OCL stream be corrected.

R842

The label field on the SPL statement (which indicates the printer associated with the statement) was not defined in this job step.

R850

The SPLIT parameter is ignored in OCL. This is just a warning, although it is suggested that the OCL stream be corrected.

R852

The PACK or REEL parameter on the FILE statement is missing or invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R853

The NAME parameter on the FILE statement is missing or invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R854

The UNIT parameter on the FILE statement is missing or invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R855

More UNITs specified than PACKs or REELs. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R856

The LOCATION parameter on the FILE statement is invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R857

A multivolume file has been requested, and split cylinder allocation is being specified. The job was not scheduled.

Correct the inconsistency and then rerun the job.

R858

The SPLIT parameter on the FILE statement is invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R862

The LABEL parameter on the FILE statement is invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R863

The RECL parameter on the FILE statement is invalid or not allowed with this file type. The job is not scheduled.

Correct the statement and rerun the job.

R864

The BLKL parameter on the FILE statement is invalid or not allowed with this file type. The job is not scheduled.

Correct the statement and rerun the job.

R865

The RECFM parameter on the FILE statement is invalid or not allowed with this file type. The job is not scheduled.

Correct the statement and rerun the job.

R866

The RECORDS or TRACKS parameter on the FILE statement is invalid. The job was not scheduled.

Correct the FILE statement and then rerun the job.

R867

The RETAIN option specified on the FILE statement is invalid. The job was not scheduled.

Correct the inconsistency and then rerun the job.

R868

The LOCATION parameter on the FILE statement is missing, and split cylinder allocation is being specified. The job was not scheduled.

Correct the inconsistency and then rerun the job.

R870

The OCL control card is ignored under OS/3.

No corrective action is required.

R871

The OBJECT parameter on the COMPILE statement was specified, but the LOAD statement is not for the RPG compiler. The parameter is ignored and processing continues.

R872

RETAIN-S has been specified for a multivolume file without all volumes being online. Only online multivolume files may be scratched using the RETAIN-S specifications. The job was not scheduled.

Correct the inconsistency and rerun the job.

R873

On the FILE statement, the same file name was given in the NAME parameter on two different FILE statements for the same program. Each NAME parameter must be unique for a program. The job was not scheduled.

Remove the unwanted FILE statement and rerun the job.

R874

OCL statement not allowed in control stream where it appeared. The job was not scheduled.

Check with OCL manual to determine proper placement statement. Correct placement and rerun the job.

R875

The RUN statement was not preceded by a LOAD or CALL statement. The job was not scheduled.

Correct the inconsistency and rerun the job.

R876

More than one SWITCH statement for the same program; only one is allowed. The job was not scheduled.

Remove the extra SWITCH statements and rerun the job.

R877

More than one LOAD statement without intervening RUN statement or last LOAD statement of the job has no RUN statement. The job was not scheduled.

Correct the inconsistency and rerun the job.

R878

More than one DATE statement for the same program; only one is allowed. The job was not scheduled.

Remove the extra DATE statements and rerun the job.

R880

A request was made to $DELET to delete a VTOC. This option is not available and has been ignored.

No corrective action is required.

R881

The FORMAT control statement in the $DELET program is not supported and will be ignored.

R882

The UNIT parameter on the $DELET data card is missing or invalid. The job was not scheduled.

Correct the data card and then rerun the job.

R883

The DATA parameter on the $DELETE control statement is invalid. The job was not scheduled.

Correct the statement and rerun the job.

R884

The PACK parameter on the $DELETE control statement is invalid or missing. The job was not scheduled.

Correct the statement and rerun the job.

R885

The LABEL, EXPDATA, and PREFIX parameters on the REMOVE control statement for $DELETE are mutually exclusive; only one can be used on any given REMOVE statement.

The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R887

The PREFIX parameter on the REMOVE control statement for $DELETE is not exactly four characters.

The job is not scheduled, but is scanned for other errors. The control stream is scanned for other jobs.

R892

The SOURCE or OBJECT parameter on the $MAINT control statement is missing or invalid. The OCL control stream will not be executed.

Correct the statement and rerun the job.

R893

The TO library file is the same as the FROM library file without the NEWNAME parameter being specified. The OCL control stream will not be executed.

Correct the control stream and rerun the job.

R895

The LIBRARY parameter on the $MAINT control statement is missing or invalid. The OCL job was not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

Correct the control stream and rerun the job.

R896

The TO parameter on a $MAINT control statement is missing or invalid. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R897

The NEWNAME parameter on the $MAINT control statement is invalid, or missing, or is not allowed with the chosen NAME parameter. The OCL job was not scheduled. It is scanned for other errors and the control stream is scanned for other jobs.

Correct the control stream and rerun the job.

R898

The NAME parameter on a $MAINT control statement is missing, invalid, or specifies a reserved value. The job is not scheduled but is scanned for other errors; the stream is scanned for other jobs.

R900

The records are being ignored until the next valid control statement is read. The OCL control stream will not be executed.

Correct the control stream and rerun the job.

R903

For OCL processor: There are no parameters on a $MAINT control card. The job is not scheduled, but is scanned for other errors; the stream is scanned for other jobs.

Correct the control stream and rerun the job.

R905

For OCL processor: The OBJECT-0 on the $MAINT control statement is not allowed with library YLOD on SYSRES. The job is not scheduled. It is scanned for other errors, and the control stream is scanned for other jobs.

Correct the control stream and rerun the job.

R906

For OCL processor: The FROM parameter on the $MAINT control statement is missing or invalid. The job will not be scheduled. It will be scanned for other errors, and the control stream will be scanned for other jobs.

Correct the control stream and rerun the job.

R907

For OCL processor: Invalid $MAINT control statment or the function requested is not supported. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R908

The KEY control statement of the COPY routine is supplied but the output is not to disk. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R910

The PACK, PACKIN, or PACKO parameter of the COPYPACK statement is missing and should be supplied.

Correct the control stream and rerun the job.

R911

The FILE-YES of COPYFILE statement is specified by the output as only to the printer. The parameter is ignored.

R912

The FILE statement of $DCOPY program for tape NAME-BACKUP is missing or invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R913

The control statements provided for $DCOPY, $KCOPY, or $COPY routines are either invalid, out of sequence, or the function requested is not supported. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R914

The TO parameter of COPYFILE control statement is either invalid or missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R915

The FROM parameter on the COPYFILE control statement is either invalid or missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R916

The FROM or TO parameter is either missing or both are supplied on the COPYPACK control statement. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R917

The PACK, PACKIN, or PACKO parameter of the COPYPACK control statement is invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R918

The FILE statement with the NAME-COPYIN parameter is invalid or missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R920

The FILE statement for the diskette file should be supplied.

R922

The FILE statement for NAME-COPYO parameter is invalid or missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R923

The FILE parameter on the COPYFILE statement is invalid or the function requested is not supported. The OCL control stream is not scheduled.

Correct the control stream and rerun the job.

R924

The OUTPUT or OUTPTX parameter for the COPYFILE control statement is either missing, or invalid, or both are supplied. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R925

The INPUT parameter on the COPYFILE control statement is invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R926

The LENGTH parameter on the COPYFILE control statement is invalid, or the LENGTH parameter on the KEY statement is missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R927

The DELETE or OMIT parameter on the COPYFILE control statement is either invalid or both are supplied. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R928

The LOCATION parameter on the KEY control statement is either missing or invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R932

The CONVERT parameter on the FILE statement is either invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R933

The DENSITY parameter on the FILE statement is either invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R934

The TRANSLATE parameter on the FILE statement is either invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R935

The PARITY parameter on the FILE statement is either invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R936

The ASCII parameter on the FILE statement is invalid or not allowed with this file type. The OCL control program will not be scheduled.

Correct the control stream and rerun the job.

R937

The END parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R938

The DEFER parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R942

The SEQNUM parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R943

The BLKNUM parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R944

The ACCESS parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R945

The OPEN parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R946

The EXTENTS parameter on the FILE statement is invalid or not allowed with this file type. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R947

The RCB parameter on the FILE statement is not specified as YES or NO. Correct the inconsistency and rerun the job.

R948

The LACE or RCB parameter is included on a non-disk FILE statement. These parameters only have meaning for disk files or LACE had invalid digits. The job is not scheduled, but the job stream is scanned for other errors.

R950

The PUNCH statement performs no action and is ignored. Processing then continues.

R952

The DEVICE parameter on the PUNCH statement is invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R953

The COPIES parameter on the PUNCH or FORMS/PRINTER statement is invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R954

The NAME parameter on the PUNCH statement defines a file that was not supplied in this step or is not a punch file.

R955

The VMNT parameter on the FILE statement is incorrectly specified.

Correct the control stream and rerun the job.

R960

The OCLPACKS source modules in YSRC contained errors and will be ignored. The preceeding error will not stop the job from being scheduled.

R962

Invalid statement found in OCLPACKS module in YSRC file. Correct statement within the file and rerun the job.

R963

The OLD parameter on the CHANGEVSN statement is missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R964

The NEW parameter on the CHANGEVSN statement is missing. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R965

The TYPE parameter on the CHANGEVSN statement is invalid. The OCL control stream will not be scheduled.

Correct the control stream and rerun the job.

R1000

A null parameter appears in the UID statement. Warning only.

R1001

There are no parameters on the UID statement. The statement is ignored.

R1002

The UID statement is not within a valid device assignment set.

Correct device assignment set (check DVC and LFD job control statement specifications) and resubmit.

R1003

The UID statement appears in a device assignment set for a device other than a workstation. The UID job control statement applies to workstations only.

Correct device assignment set and resubmit.

R1004

A user-id contains more than six characters.

Correct user-id specification so that it does not exceed six characters and resubmit.

R1006

A physical address for a workstation file has been previously specified on the DVC statement. It cannot be specified again through the user-id parameter.

Correct device assignment set and resubmit.

R1007

The workstation physical address specification in the UID job control statement is invalid.

Correct UID job control statement and resubmit.

R1008

More than eight user-ids and/or physical addresses have been specified for one workstation file.

A maximum of eight workstations may be assigned to a file. Correct device assignment set specifications and resubmit.

R1013

The form of the workstation parameters in a DVC statement is invalid.

Correct DVC job control statement and resubmit.

R1015

Multiple DVC job control statements appear in one workstation device assignment set.

Correct device assignment set for workstation and resubmit.

R1016

The DVC statement for a workstation file contains one of the following parameters: IGNORE, OPTIONAL, or ALTERNATE. These specifications apply to devices other than workstations.

Correct DVC job control statement and resubmit.

R1024

In a workstation device assignment set, the REQ parameter of the DVC statement cannot be used when the number of devices is specified through user ID or physical address specifications.

Correct DVC job control statement and resubmit.

R1025

In a workstation device assignment set, the number of auto-connected devices exceeds the number of devices explicitly specified in the DVC statement.

Correct the n parameter of the DVC statement or the UID job control statement and resubmit.

R1026

In a workstation device assignment set, the REQ parameter of the DVC job control statement cannot be used when the number of explicit devices specified through user ID or physical address specifications equals the number of devices to be auto connected.

Correct device assignment set for the workstation and resubmit.

R1027

Invalid second parameter on DVC statement.

Correct second parameter and resubmit.

R1032

A duplicate label or lfdname appears for two different workstation device assignment sets in the same job.

Correct job control stream and resubmit.

R1033

In a workstation device assignment set, a user ID is identical to a previously used user ID or volume serial number.

Correct device assignment set specifications for the workstation and resubmit.

R1034

In a workstation device assignment set, a user ID is identical to the volume serial number of YRES or YRUN.

Change user ID specification and resubmit.

R1035

In a workstation device assignment set, a user ID begins with the reserved characters Y and is not YMAS.

Correct user ID specification in the device assignment set for the workstation and resubmit.

R1036

In a workstation device assignment set, a specified physical address either does not exist or does not belong to the workstation being identified.

Correct physical address specification and resubmit.

R1037

In a workstation device assignment set, a specified physical address is identical to a previously specified physical address.

Correct physical address specification and resubmit.

R1038

In a workstation device assignment set, the lfdname specified has been used previously in the job.

Correct lfdname specification and resubmit.

R1040

The DVC PROG statement has a program name longer than eight characters. The name is truncated. The RUN processor ignores the error and processing continues.

R1041

The DVC PROG statement has an invalid label. The RUN processor ignores the error and processing continues.

R1048

The DVC PROG statement cannot use generations on the CAT statement. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

Correct the control stream and resubmit the job.

R1050

The HOST parameter on the DVC statement is greater than four characters. The name is truncated. The RUN processor ignores the error and processing continues.

R1057

The HOST parameter was specified but DDP is not configured. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

R1058

The HOST parameter on the DVC statement is invalid. The job is not scheduled but is scanned for other errors. The control stream is scanned for other jobs.

Correct the statement and resubmit the job.

R1102

The INQ job control statement occurs within a DVC-LFD sequence. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1103

The RUN processor could find no parameters in the INQ job control statement. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1104

The RUN processor could not find the first parameter of the INQ job control statement. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1105

The first parameter of the INQ job control statement is neither SYS nor JOB. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1106

The RUN processor could not find the second parameter of the INQ job control statement. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1107

The second parameter of the INQ job control statement is not one of the valid keywords. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1108

The RUN processor could find no variable symbol on the INQ job control statement. The job is not scheduled, but it is scanned for other errors. The control stream is scanned for any other jobs.

R1113

The second parameter of the INQ JOB statement is not a valid keyword for this release. The job is not scheduled but is scanned for other errors.

R1123

The second parameter of the INQ SYS statement is not a valid keyword for this release.

The job is not scheduled but is scanned for other errors.

SAM00 LOADED

The system activity monitor has been loaded into main storage.

This is an informational message.

SAM01 ACTIVE

The system activity monitor is actively monitoring.

This is an informational message that appears when the GO command is entered.

SAM02 LOAD ERR: code

A system activity monitor load error occurred. The possible error codes are:

01

The system activity monitor was not loaded because it wasn't generated in the supervisor.

Generate a new supervisor using SUPGEN and specify SAM=YES.

02

The system activity monitor is already loaded.

This is an informational message.

SAM03 OPEN ERR: code

A system activity monitor open error occurred. The possible error codes are:

01

The requested file could not be opened because the specified device does not exist or could not be assigned.

Reenter the O parameter and specify the correct device address.

02

The requested file could not be opened because the device specified was not a disk.

Reenter the O parameter and specify the correct device address.

03

The requested file could not be assigned or opened because the file does not exist or a SAT open error occurred.

Reenter the O parameter and specify the correct file name. If you know the file exists, check the error code specified in the dump and take appropriate action.

04

The requested file could not be assigned or opened because it wasn't created by the system activity monitor.

Reenter the O parameter and specify the correct file name.

05

The requested file could not be assigned or opened because the file is limited to eight subfiles.

Define a new SAM file or reopen the same file by reentering the O parameter without the EXT option.

SAM04 INACTIVE (n)

The system activity monitor is inactive because the STOP command was entered or the specified time interval was completed. The n specifies the number of the closed subfile and appears only when the O parameter has been specified.

This is an informational message.

SAM05 RELEASED code

The system activity monitor has been released from main storage. The possible error codes are:

01

The system activity monitor has been released from main storage because the eighth subfile was closed.

02

The system activity monitor has been released from main storage because disk space has been exhausted.

If no code appears, the system activity monitor has been released as a result of a user EOJ command.

This is an informational message.

SAM06 BUSY, RE-ENTER

A command is ignored because the system activity monitor is busy processing or outputting data to the console.

Reenter the command.

SAM07 KEYIN ERR: { **xxxx** / **#MC#** / **#ON#** }

This message indicates a keyin error.

where:

xxxx

Indicates that an error has been encountered during processing of the previously entered command. The xxxx specifies the first four characters of the function or parameter in error. Parameters following the error are not processed.

Reenter the correct parameter.

#MC#

Indicates that mutually exclusive classes cannot be specified.

Reenter the C parameter and specify a valid list of classes.

#ON#

Indicates that the command entered is invalid because the system activity monitor is active.

Enter the STOP command and reenter the command.

SAM08 ST= { **INACTIVE** / **hh:mm:ss, IT=mmm, C, did, n, filename** }

This message shows the current operating status of the system activity monitor.

where:

INACTIVE

Indicates that monitoring has been temporarily halted.

hh:mm:ss

Indicates the wall clock time in hours, minutes, and seconds.

IT=mmm

Indicates the time interval in minutes.

C

Indicates that classes are being monitored.

did

Is the device address of the file being used.

n

Is the number of the subfile.

filename

Is the name of the file being used.

SAM09 ABEND ERR: code

This message indicates that an abnormal termination occurred and a dump was generated. The possible error codes are:

01

The abnormal termination and dump occurred because of a SAT write error to disk.

Check the error code on the dump and take appropriate action.

02

The abnormal termination and dump occurred because of an OPR or free DVC error.

Rerun the job.

03

The abnormal termination occurred because of a file close error.

Enter RV SAMRPT using the SFL=LST option to close the file. Rerun the job.

04

The abnormal termination and dump occurred because of a task dispatch error.

Try to rerun the job. If the problem persists, contact your local Sperry representative.

SAM10 SFL #n OPENED

The system activity monitor output file and the logical subfile (n) are opened.

This is an informational message.

SAM11 TRACE REQUIRES OUTPUT FILE

This message is displayed following a GO command if the trace mode was selected without specifying an output file.

Issue the proper O= command and reenter the GO command.

SAM12 DATA LOSS

A trace buffer write did not complete before the next buffer was filled and ready to be written from. When this occurs, the monitor temporarily suspends data collection until the write is completed.

This is an informational message.

SC00 JOB jobname RUN STATE LIBRARY RESTORED SUCCESSFULLY

Specified job's run state library was successfully restored.

This is an informational message.

SC01 jobname INVALID JOBNAME SPECIFICATION

The SC (run a saved job) console/workstation command specified a jobname that was invalid or over eight characters in length.

Correct jobname specification and retry.

SC02 jobname INVALID JOB RENAME SPECIFICATION

The rename parameter of the SC (run a saved job) console/workstation command is invalid.

Correct specification and retry.

SC03 jobname TERMINATED - JOB FILE - NOT RUN STATE FORMATTED

An attempt was made to restore a job that is not saved in its translated, expanded state.

Issue a RUN/RV console/workstation command to initiate the job. If the job is to be saved, include an OPTION SAVE/NOSCHED job control statement in the job's control stream.

SC04 jobname TERMINATED - RUN LIBRARY MODULE NOT FOUND

The command specified an invalid jobname.

Correct jobname and retry.

SC05 jobname TERMINATED - NOT AVAILABLE FOR DVC device-type

Specified job was terminated because the device specified in the saved stream was not found or is not available.

Correct specification and retry, or retry when device is available.

SC06 jobname TERMINATED - JOB REQUIRES OUTPUT SPOOLING

Specified saved job requires output spooling, the supervisor resident when a restore of the job was attempted is not generated with output spooling.

Ensure that correct supervisor is resident, if it is, run job from YJCS and resave it.

SC07 jobname TERMINATED - RES/RUN DISK VSN CHANGED
The RES/RUN volume serial number specified in the saved job is not the same as the resident supervisor's RES/RUN volume serial number.

Ensure that correct supervisor is resident; if it is, run job from YJCS and resave it.

SC08 jobname TERMINATED - CANNOT RUN UNDER JOB ACCOUNTING SYSTEM
The saved job did not require job accounting; the supervisor resident when a restore of the job was attempted requires job accounting.

Ensure that correct supervisor is resident; if it is, run job from YJCS and resave it.

SC09 jobname TERMINATED - CANNOT RUN JOB WITHOUT SHRD. CODE
The saved job requires shared code; the supervisor resident when a restore of the job was attempted does not have shared code.

Ensure that correct supervisor is resident; if it is, run job from YJCS and resave it.

SC10 jobname TERMINATED - JOB CANNOT RUN WITHOUT INPUT SPOOLING
The saved job requires input spooling; the supervisor resident when a restore of the job was attempted is not generated with input spooling.

Ensure that correct supervisor is resident; if it is, run job from YJCS and resave it.

SC11 RESTORE PROCESSOR ENCOUNTERED ERROR error-code
The restore processor encountered the error specified in the error-code.

Correct according to error code information and retry. Error codes are listed in Appendix A.

SC12 jobname TERMINATED - // DATA STEP#nnn NOT FOUND
The job step number specified on the // DATA STEP=nnn job control statement cannot be found in the saved job.

Correct job step number and resubmit.

SC13 jobname TERMINATED - // DATA STEP=nnn CARD FORMAT ERROR
The // DATA STEP=nnn job control statement contains a format error or the step number specification is longer than three digits or is a value greater than 255.

Correct DATA STEP statement and resubmit.

SC14 jobname TERMINATED - MORE DATA SETS NEEDED (STEP#nnn)
The saved job contains more data sets in the specified job step number than submitted as replacement data sets.

Submit a number of data sets equal to the number of data sets in the saved job's job step.

SC15 jobname TERMINATED - CANNOT ACCEPT DATA SET - STEP#nnn

Either the original saved job had no data sets in the specified step number or more replacement data sets were submitted than are contained in the saved job's job step.

Correct the step number specification on the // DATA STEP= job control statement, or submit a number of replacement data sets equal to the number of data sets in the saved job's job step.

SC16 jobname TERMINATED - UNPAIRED (/$-/*) DATA SET - STEP#nnn

The replacement data set is missing the /* (end-of-data) delimiter.

Add the /* delimiter to replacement data set and resubmit.

SC17 jobname TERMINATED - JOB CANNOT RUN WITH OUTPUT SPOOLING

The saved job does not use output spooling; the supervisor resident when a restore of the job was attempted requires output spooling.

Ensure that correct supervisor is resident; if it is, run job from YJCS and resave it.

SC18 jobname TERMINATED - LAST JOB ENTRY IN QUEUE NOT FOUND

The specified job has been cancelled. This message indicates a system failure.

Take a job dump and contact your local Sperry representative.

SC19 jobname TERMINATED - NO SPACE IN JOB QUEUE TABLES

The job queue table space is exhausted; there is no room for specified job.

Retry when job queue space is available.

SC20 jobname TERMINATED - INVALID // PARAM CARD IN STEP#nnn

Either the PARAM job control statement contains a format error or a continuation card contains // or /* in columns 1 and 2. Error occurred in specified job step number.

Correct job control specifications and resubmit job.

SC21 jobname TERMINATED - NO (/$,// PARAM/DATA) CARD - STEPnnn

The job control statements submitted for the replacement data set specified in the message are either invalid or missing.

Replacement data sets must be preceded by // DATA STEP=nnn, and /$, and optionally, // PARAM. The // DATA STEP=nnn statement must specify a 3-character numeric value not greater than 255.

SC23 jobname TERMINATED - REQUIRES MIRAM LIBRARY - SYSRES PACK

A saved job can only be restored on a system with MIRAM system library files and a CDI data management interface.

SC24 jobname TERMINATED - NEED WRKSTN - NOT SYSTEM SUPPORTED

The saved job requires workstations; supervisor resident at the time a restore of the job was attempted does not support workstations.

Ensure that correct supervisor is resident; if it is, change job's control stream, run and resave it.

SC25 filename - CARD INPUT SPOOL FILE - NOT FOUND

The specified card file name was not found in the spool file.

Check filename specification (it must be one to seven alphanumeric characters in length), correct, and retry.

SC26 jobname TERMINATED - ALTER LIB. * PARAM SPECIF. ERROR

The alternate library specification is incorrect. A possible cause for the error is a missing quote or parenthesis.

Correct the problem and rerun the job.

SC27 jobname TERMINATED - ALTER LIB. * FILE PSWRD INCORRECT

Either the alternate library file password was not supplied and the file is READ/WRITE protected, or the password given is incorrect.

Supply the correct password and rerun the job.

SC28 jobname TERMINATED - ALTER LIB. * DEVICE NOT AVAILABLE

The file resides on a device that is not available or not configured in the system.

Check the VTOC. Check job control for the correct file identifier and volume serial number.

SC29 jobname TERMINATED - ALTER LIB. * YCAT I/O ACCESS ERROR

An I/O access error occurred during an attempt to read the YCAT file.

Rerun the job. If the error persists, contact your local Sperry representative.

SC30 jobname TERMINATED - ALTER LIB. * CATALOG GENER'TN ERROR

The generation number specified on the // LBL statement could not be found or the file was not a generation type file.

SC31 jobname TERMINATED - CANNOT RESTORE JOB SAVED ON REL. _

A job saved on a prior release cannot be restored on the current release.

Save the job on the current software release before restoring.

SC32 jobname TERMINATED - MASTER UID CANNOT BE CONSOLE

A job saved from a workstation with // UID YMAS (YMAS is not the console) cannot be restored from the console.

Resave the job without // UID YMAS. Restore the job from the master workstation.

SC33 jobname TERMINATED - JOB NOT WORKSTATION INITIATED

Restored '$$&USER$' jobs must be initiated from a workstation. The user attempted to initiate the specified job from the console.

Initiate the job from the workstation.

SC40 INVALID PARAMETER
An illegal parameter was found during phase 1. A message identifying the problem will follow this message.

Correct error and retry.

SC42 PRNT OPTION IS NOT PERMITTED WITHOUT THE VEFY OPTION
The PRNT parameter may be specified with the VEFY or OVEF parameter to allow printing of errors during the verify phase of the program, otherwise PRNT is meaningless.

If verification is desired, VEFY must appear on the // PARAM statement.

SC44 CONFLICTING REQUEST TO COPY AND VERIFY ONLY
The OVEF and VEFY parameters have been used together causing a conflict. The program is terminated.

If you are performing a copy and verify operation, use VEFY. If you are only performing a verify operation, use OVEF. Specify the proper parameter and rerun.

SC46 BGAD ERROR IS EQUAL TO OR GREATER THAN MAX OF 807
The beginning address is incorrect. It is equal to or greater than the maximum of 807.

Correct error and rerun.

SC48 EDAD ERROR IS LESS THAN BGAD OR GREATER THAN MAX 807
The ending address is in error. It may be less than the beginning address or greater than the maximum of 807.

Correct error and rerun.

SC50 UPSI SETTING X'nn'
If the UPSI byte is set to X'20', the error is a warning and processing continues. If the setting is X'80', the program terminates.

This message will appear with another error message giving additional information.

SC51 ERROR IN VERIFICATION OF DISCOTxx
The output disk in error is identified by the last two digits. Error message SC52 follows.

Examine printer output for differences in data on input and output disks.

SC52 CYL ccc HEAD hh REC rr
This message follows message SC51 and provides the disk address of the verification error.

SC53 DISCOTxx VERIFIED
Verification is complete for the output disk identified by the last two digits.

No action is required.

SC54 UNEXPIRED FILE ON DISCOTxx
An unexpired file has been found on at least one output disk. The operator has requested that the file not be overwritten. The copy routine is terminated.

Replace the output disk.

SC55 WRITE TO LOG ERR - UNEXPIRED FILE CHECKING - DISCOTxx
An error was encountered while a message was being processed during the check for unexpired files on the output disk specified in the message.

SC56 OBTAIN ERR DURING FILE EXPIRATION CHECK OF DISCOTxx
An obtain error was received during the check for unexpired files on the specified output disk.

SC57 ERR-CODE error-code FROM INTERACTIVE PROCESSING OF PARAMETERS
An invalid parameter was entered or the requested device cannot be allocated.

See Appendix A for an explanation of the error code. Correct the problem and retry.

SC58 PARAMETER ERROR - REQUEST FOR PRINTING WITHOUT VERIFY
PRNT=YES was specified on the // PARAM statement. Either OVEF=YES or VEFY=YES should also be specified.

Correct the statement and rerun.

SC59 CYL cc TRK tt has EXCESS NUMBER OF RECORDS - MAX IS 98
The maximum number of records per track has been exceeded. The disk cannot be read by this routine.

Contact your local Sperry representative.

SC60 INPUT DEVICE TYPE NOT VALID FOR THIS SYSTEM
A disk other than an 8433 or 8430 has been defined as DISCIN.

Check for correct input disk number and retry.

SC64 DISCOTxx FORMAT 4 UPDATED TO address/ALT TRK tt
Format 4 of the VTOC has been updated. The new address has been printed with the alternate track assignment.

No action required.

SC65 COPY COMPLETED - WARNING VTOC IS NOT UPDATED ON DISCOTxx
When input and output devices are not like types, an attempt is made to update the output VTOC. This message indicates that the update was not successful.

Check VTOC to determine if vital files are accessible on output packs.

SC66 OBTAIN ERROR ON UPDATED VTOC FOR DISCOTxx
The obtain error occurred during an attempt to read the updated VTOC on an output disk.

Investigate the obtain error through the SU routine.

SC67 VTOC UPDATED - WARNING - SOME FILE SPACE LOST ON DISCOTxx
Files on the input disk may be beyond the available space on the output disk.

This is an informational message.

SC68 OUTPUT DEVICE TYPES ARE NOT ALIKE
All output devices must be the same device type; output to different types is not permitted.

Correct the problem and rerun.

SC69 DEVICE TYPE FOR DISCOTxx NOT EQUAL TO INPUT DEVICE
The output disk is not the same type of device as the input disk.

Check that the proper disk is mounted.

SC70 DISCOTxx IS SYSRES OR SYSRUN - ROUTINE IS TERMINATED
The output disk is assigned to SYSRES or SYSRUN by the system.

Replace the output disk.

SC71 DISCOTxx IS ASSIGNED TO SYSPOOL - ROUTINE IS TERMINATED
The output disk is assigned as the SYSPOOL file by the system.

Replace the output disk or reassign SYSPOOL.

SC72 DISCOTxx ASSIGNED TO ANOTHER JOB - ROUTINE IS TERMINATED
The output disk is in use by another job in the system.

Replace the output disk.

SC73 LFD PRNTR IS REQUIRED WITH PRNT=YES PARAMETER
The PRNT=YES parameter is a request for the printing of errors. If specified, the DVC and LFD statements are required for the printer.

Supply the required JCL statements or omit the PRNT parameter.

SC74 DISCIN AND DISCOTxx ARE NOT FORMATTED EQUALLY
Record sizes are not equal on the input and output disks. No compare is possible.

Eliminate the identified output disk and retry. If the error reoccurs, the input is invalid.

SD01 DUMP OPTION (ALL, NONE, DUMP, TRANSLATE, JOBS, RESTORE, SAVE)
SYSDUMP has been started, and an option is required. The RESTORE and SAVE options will only be displayed or accepted under consolidated data management.

Key in one of the following (suboptions are enclosed in parentheses):

ALL (NOSHARE)	Full SYSDUMP
NONE	No dump necessary
DUMP (NOSHARE) (SELECT)	Hexadecimal/character display of main storage
TRANSLATE	Translation portion of SYSDUMP
JOBS (NOSHARE) (SELECT)	All jobs related to dump portions
RESTORE	Restore SYSDUMP
SAVE	Save SYSDUMP

SD02 {JOBDUMP / SYSDUMP} ABORTED, NO LFD 'PRNTR' SPECIFIED
In option JOBDUMP/SYSDUMP mode, the printer was not allocated under LFD 'PRNTR'.

Correct job control stream and rerun.

SD03 **{JOBDUMP / SYSDUMP} ABORTED, YDUMP FILE NOT FOUND ON {SYSRUN / SYSRES}**

In option JOBDUMP/SYSDUMP mode, the system dump file YDUMP was not found.

Take a VTOC listing of the RES volume to see if the YDUMP file is present. If it is not, allocate it and retry the job.

SD04 **{JOBDUMP / SYSDUMP} ABORTED, UNRECOVERABLE I/O ERROR ENCOUNTERED**

In option JOBDUMP/SYSDUMP mode, an unrecoverable I/O error occurred during the write-core phase.

Retry the job.

SD05 **{JOBDUMP / SYSDUMP} ABORTED {JOBDUMP / $DUMP} FILE NOT LARGE ENOUGH**

In option JOBDUMP/SYSDUMP mode, the JOBDUMP/YDUMP file was found to be too small to write out all of the main storage it contained.

Extend the YDUMP file.

SD06 **INSUFFICIENT MEMORY TO PRINT OPTIONED SYSDUMP**

The amount of main storage allocated for this job is not sufficient to print a complete dump. The dump displayed will not include the edited interpretation but the entire user job region will be displayed in the hexadecimal dump portion. The SD11 message is also displayed.

SD09 **UPLDUMP FILE IS INVALID – filename**

The UTS 400 dump file named in filename cannot be used to generate UPLDUMP.

Get another dump file from your UTS 400 and rerun.

SD10 **YDUMP INSUFFICIENT TO HOLD MEMORY**

The amount of main storage on the system does not fit into the YDUMP file.

Enlarge the YDUMP file.

SD11 **JOB jobname WILL INITIATE A SYSDUMPO FOR JOB jobname**

User job region is not large enough to print OPTION SYSDUMP. OPTION SYSDUMP initiates the SYSDUMPO job under an alternate jobname.

This is an informational message.

SD12 **SPACE MANAGEMENT ERROR CODE nn IN YDUMP**

Defines the code number for space management error detected in YDUMP file. Error codes are defined in Appendix A.

This is an informational message.

SD13 **{JOBDUMP / SYSDUMP} IN PROGRESS FOR jobname CONTINUE DUMP ? (Y/N)**

An OPTION JOBDUMP/SYSDUMP is in progress for the job being cancelled by an operator keyin.

Answer Y to continue the dump.

Answer N to halt the dump.

SD14 OPTION SYSDUMP FILE LOCKED, JOBDUMP ISSUED

The job reqesting OPTION SYSDUMP cannot get a SYSDUMP because the system YDUMP file is currently in use. The option has been changed to OPTION JOBDUMP and a JOBDUMP is being processed.

This is an informational message.

SD15 { JOBDUMP / SYSDUMP } FILE ACCESS ERROR nn,...

The JOBDUMP/SYSDUMP utility encountered an internal error in accessing the associated dump file. It is usually recoverable; therefore, the dump utility aborts only that subsection of the dump and goes on to the next item to be interpreted.

There is no user recovery procedure. Contact your local Sperry representative.

SD16 { JOBDUMP / SYSDUMP } PROGRAM CHECK, PSW= nnnnnnnn nnnnnnnn, LAST PHASE LOADED=PHASE

The SYSDUMP/JOBDUMP utility encountered a program check in the print/analysis phase of the dump. It is usually recoverable; therefore, the dump utility aborts only that section of the dump and goes on to the next item to be interpreted.

There is no user recovery procedure. Contact your local Sperry representative.

SD17 MEMORY MAP FULL

The internal memory map being constructed ran out of table space. The map should be correct as far as it was constructed. However, some items may not be labeled in the dump listing and map printout.

This is an informational message.

SD18 nn ERROR IN MEMORY MAP CREATION nnnnnn nnnnnn

An error occurred in constructing the structure map for the region being dumped. It could possibly imply supervisor problems or merely be a problem in the dump utility. The error is fully recoverable.

This is an informational message.

SD19 ENTER DUMP DEVICE INFORMATION (DISKETTE, TAPE, NONE)

Chose the type of device to be used in saving/restoring the SYSDUMP file.

Key in the chosen parameter.

SD20 INVALID DEVICE TYPE

The parameter keyed in for message SD19 is invalid. The SD19 message will be repeated until a valid response is given.

SD21 filename: ATTEMPT TO READ PAST END OF FILE

The YDUMP file exceeds one tape/diskette volume in the RESTORE SYSDUMPO option. In the SAVE SUSDUMPO option, the SIB indicates more main storage blocks than the number allocated to the YDUMP file.

SD22 **NO DEVICE AVAILABLE FOR {TAPE / DISKETTE}**

An attempt was made to dynamically allocate a device that is unavailable. This can occur if the device is allocated to another job.

Rerun the job when the device becomes available.

SD23 **YDUMP SAVED ON TO {TAPE / DISKETTE}**

The YDUMP file has been successfully saved.

No action is required.

SD24 **YDUMP RESTORED FROM {TAPE / DISKETTE}**

The YDUMP file has been successfully restored.

No action is required.

SD25 **YDUMP NOT {SAVED / RESTORED}**

The YDUMP SAVE/RESTORE was unsuccessful.

Look at any preceding message for the cause of the problem. Correct the problem and retry SYSDUMP0.

SD26 **ERROR CODE nn ENCOUNTERED WHILE ALLOCATING {TAPE / DISKETTE}**

During allocation of the chosen device type, the displayed error code was returned. This message will be followed by the SD25 message. The error codes are defined in Appendix A.

SD27 **INVALID PREP COUNT**

The number of diskettes/tapes requested to be prepped exceeds 16.

Enter the proper number and retry.

SD28 **SELECT (JOBNAME, MEMORY, REGION, SHARED, TRANAREA, TERMINATE)**

This message prompts the user to enter a valid parameter into the SYSDUMP load module.

SD29 **INVALID SELECTION: selection**

The user request for dump region is invalid.

Enter the proper request.

SD30 **INVALID CHARACTER: {address / count}**

An invalid hexadecimal or decimal digit was input as an address or count.

Enter the proper address or count.

SD31 **INVALID DELIMITER: input-record**

The user input record contains a delimiter other than a dash or comma.

Reenter the input record using the proper delimiter.

SD32 **INVALID MEMORY ADDRESS: address**

The user entered an invalid address. Make sure that the address does not exceed main storage limits. Enter a valid address.

SD33 JOB NOT FOUND FOR jobname
The specified job could not be found in the SYSDUMP internal table.

Either the job name was incorrectly specified or the job does not exist in the SYSDUMP internal table.

SD34 REGION NOT FOUND FOR region
The specified region could not found in the SYSDUMP internal table.

Either the region was incorrectly specified or it does not exist in the SYSDUMP internal table.

SD35 TRANSIENT REGION NOT FOUND FOR number-of-transient AREA OR ID
The transient area number may be invalid. The specified number of transient areas were not found during the search of the SYSDUMP tables.

Reenter the parameter.

SD36 SHARED MODULE { NOT FOUND FOR input-record / LOADED FOR input-record / NOT ACTIVE }
The requested shared module cannot be found, is not loaded, or is not active.

Make another selection.

SD37 ENTER A USER ID
When using the SAVE option in SYSDUMPO, you are requested to enter identification that will be written to your output volume. This is used to identify the volume if the supporting documentation is misplaced.

Enter up to 60 characters of identification. This should be representative of your company name to enable Sperry to identify the volume in case the supporting documentation is misplaced.

SD38 ENTER PROBLEM DESCRIPTION. TO END, TRANSMIT BLANK LINE
When using the SAVE option in SYSDUMPO, you are requested to enter a brief description of the problem that will be written to your output volume.

Enter up to 420 characters (7 lines) of problem description. To terminate the problem description, enter your response ID and press TRANSMIT.

SE01 ATTENTION INTERRUPT FROM CARD READER IGNORED (reason)
The system cannot activate the RUN processor in response to an attention interrupt from the card reader. This message is functionally equivalent to a NAK message that would appear if a RUN command had been typed in. The NAK message and possible reasons are described in Section 4.

Correct the NAK condition and enter a RUN command manually.

SE02 ERROR code LOADING JOB STEP PROCESSOR (phase-name)
An error occurred during loading of a phase of the job-step processor. This is a catastrophic error that may prevent a job from running to completion.

Find the error code in Appendix A. Hold all jobs in the job queue and reload the system as soon as possible. If the error persists, the system load library (YLOD) probably has to be rebuilt.

SE03 ERROR code LOADING SYMBIONT id (phase-name)
An error occurred during loading of the specified symbiont.

If the message is obviously the result of a recent console command, look up the error code in Appendix A and reissue the command. If the error persists after one or two retries, reload the system and retry the command. If the error still persists, the system load library (YLOD) probably has to be rebuilt.

SE04 REQUEST FOR SYMBIONT id IGNORED (id ALREADY IN)
A symbiont cannot be loaded because another symbiont of the same family is presently loaded in the same location (for example, ICAM C2 is in when a request is received to load C3).

No corrective action required.

SE05 SYMBIONT QUEUE ERROR code. QUEUED REQUESTS MAY BE LOST.
The symbiont initialization transient routine cannot read a request for a symbiont that was previously queued on SYSRES. The reason for the error is specified in the error code (Appendix A). This condition may be recoverable.

Reissue all console commands that have not been processed.

SE06 ERROR code OPENING DISKETTE DATA SET data-set-name - id ABORTED
The system could not successfully open the diskette with the data set label specified by this message. As a result, the specified console command could not be processed.

Check the error code meaning in Appendix A to determine why the diskette failed to open. Correct the problem and resissue the console command.

SE07 EARLY WARNING - OVER TEMPERATURE CONDITION EXISTS
This is an early warning that an overtemperature condition exists in the system.

The cooling or ventilation should be increased or the system might automatically turn off. Sometimes opening the processor cabinet doors will provide temporary relief.

SE08 MAIN STORAGE ERROR code AT ADDRESS address
A noncatastrophic hardware parity error (error code E7) or address check (error code E8) occurred. The system was able to successfully re-create the error at the specified address, but some jobs currently executing in main storage may be abnormally terminated.

No action is required.

SE09 SPORADIC MAIN STORAGE ERROR code AT UNKNOWN ADDRESS
A noncatastrophic hardware parity error (error E7) or address check (error code E8) occurred. To find the bad location, the system looped through main storage to re-create the error, but it did not recur. Some jobs currently executing in main storage may be abnormally terminated because of this error.

No action is required.

SE10 ERROR code ACCESSING {MICRO- / SHARED} CODE LIBRARY {YMIC / YSCLOD}
At system initialization, an error occurred during an attempt to find either the system micro-code library (YMIC) or the shared code library (YSCLOD) on SYSRES.

Look up the error code in Appendix A, correct the condition, and reload the system.

SE11 SCHEDULING OF JOB jobname ABORTED. JOB IS LOST.
Due to a recent system error, the job just scheduled (on top line of screen) has been lost. The job name will remain on the top line until another job is scheduled.

Resubmit the job.

SE12 MAX TIME FOR jobname. ENTER EXTENSION {CPU / CLOCK} MINUTES
Message appears when user job has exceeded the maximum allowed CPU or wall clock time specified on the JOB card.

Enter the number of minutes that the job can continue to run. If 0 is entered, the job is canceled (error code 67).

SE13 MI function ABORTED DUE TO MEMORY MAP CHANGE
This error occurred because a normal change in the main storage map (for example, during main storage consolidation) caused the indicated function of the MI command to terminate immediately.

Resubmit the MI command.

SE14 MI SQ ABORTED DUE TO I/O ERROR ON SYSRES
MIX processing was unable to read all or part of the symbiont request queue. Retry the MI SQ command. If the error persists, hold all waiting jobs in the job queue and reload the system after all active jobs terminate.

SE15 SYSTEM ERROR code IN module-name - SYSDUMP WRITTEN TO DISK
An error code (for example, a program check) occurred in a system transient, symbiont, or shared code module. An image of all main storage at the time the error occurred has been written to disk and the job SYSDMPxx is about to be scheduled automatically to print the dump.

No immediate action is required. The job SYSDMPxx (xx is a unique number) will soon be scheduled automatically by the system. Normally, you should have it print out the dump for analysis by your system administrator. If for some reason you don't want the dump, you'll be able to respond NONE after the SYSDMPxx job starts executing. If a system HPR occurs before the dump can be obtained, *do not* try to get another dump by pressing SYSTEM RESET and RUN on the Series 90 or FUNCTION and RESTART on the System 80. Instead, reboot and run SYSDUMPO to print out the dump that was already taken.

SE16 SYSTEM ERROR code IN module-name – NO DUMP (reason)
An error (for example, a program exception) occurred in a system transient, symbiont, or shared code module. The system attempted an automatic SYSDUMP but failed for the stated reason. Usually, the reason is "YDUMP BUSY", which means that a previous system error has caused a dump to be written to the YDUMP file on SYSRES, and SYSDUMPO has not yet printed the dump.

No action is required. This system error is probably caused by the previous system error, and therefore the original SYSDUMP is the most useful. But be sure to record or save the console log of this message along with diagnostic information displayed on the console following this message. This information will be useful in debugging the system problem.

SE17 WARNING! SYSTEM IS DEGRADED. SOME JOBS MAY BE LOST
The system error described in a previous message has caused serious and possibly fatal damage to the system. Some recovery has been attempted but one or more currently active jobs may be lost.

Immediately hold all waiting jobs in the job queue, cancel all nonessential active jobs, and reload the system as soon as possible.

SE18 JOB { SYSDUMPO / SCHEDULER } COULD NOT BE SCHEDULED – reason
The specified routine could not be scheduled for the specified reason. If SYSDUMPO could not be scheduled, key in RUN SYSDUMPO yourself to obtain the SYSDUMP. If the job scheduler could not be scheduled, resolve the problem or wait for it to resolve itself. If the error persists, reload the system.

SE19 COMMAND command-name CANNOT BE PROCESSED – ERROR CODE code
The specified command could not be processed for the reason indicated in the error code.

Correct the stated problem and reissue the command.

SE20 jobname AWAITING MEMORY. CONTINUE WAITING? (Y, N, HELP)
The specified job or symbiont is hung while waiting for main storage to become available. Before returning a MEMORY NOT AVAILABLE status to the job, the operator is given an opportunity to allow the job to wait longer.

Key in one of the following:

Y	Wait 3 minutes longer.
N or 0	Do not wait any longer; return .MEMORY NOT AVAILABLE status to the job.
HELP	Display message SE22 for more information.
1-9999	Wait the specified number of minutes.

If the condition persists, either enter 0 or N (both usually terminate the job) or cancel some less important job to free up main storage. If this message appears when only one job is active in main storage, it may indicate a memory fragmentation problem. Enter 0 or N to cancel the job and rerun it in an idle system. If the problem persists, there is probably not enough main storage to run the job.

SE21 MAIN STORAGE addr1-addr2 DOWN (WARNING-INCLUDES SUPERVISOR)

The main storage region between addresses addr1 and addr2 has been set down either by the SET MEM command or by the system following an unacceptably large number of recoverable main storage errors in this region. If this region includes any part of the supervisor, the warning is shown. Jobs and symbionts currently using the affected region will run to completion, but no subsequent main storage allocation will take place inside this region.

This is an informational message and is displayed only at the time the region is set down or at subsequent IPLs. To determine at other times what main storage regions are unavailable, use the MI SI command, which includes this message as part of its output if at least one main storage region is down.

SE22 jobname NEEDS amount-of-storage FOR reason. WAIT?

This message occurs as a result of replying 'HELP' to the SE20 message, and gives information about why a job or symbiont is hung while waiting for main storage to become available. The amount of storage is expressed in the message as either decimal bytes or, during file open, as MORE MEMORY.

Key in one of the following:

Y	Wait 3 minutes longer.
N or 0	Do not wait any longer; return MEMORY NOT AVAILABLE status to the job.
1-9999	Wait the specified number of minutes.

SE23 SYSTEM OPERATOR CANCELLED jobname

The job run through a workstation has just been cancelled by the system operator.

This is an informational message. No action is required.

SE24 REPLY IGNORED - jobname IS NO LONGER AWAITING MEMORY

The reply just made to an SE20 or SE22 message has been ignored because main storage became available since the question appeared.

No action is required. The job is now executing.

SE25 {SC / SR / SE} PAUSE ON shared-code-name. CONTINUE? (Y, HELP)

A module satisfying a condition specified by the SC, SR, or SE parameter in the SE PA console command has been found.

Respond Y to continue, or H for additional information.

SE26 SYSTEM ERROR error-code IN module-id

The specified system error occurred during the execution of this job. Dump options specified through job control, if any, may have been suppressed to avoid a meaningless dump. This message appears only in the job dump, not on the system console.

This system error is also reported to the system console via messages SE15 and SE16, and an automatic SYSDUMP (or at least register information) is obtained there.

SE27 SYSTEM ERROR OCCURRED DURING THIS JOB
A system error occurred during execution of this job. Dump options specified through job control, if any, may have been suppressed to avoid a meaningless dump. This message appears only in the job log, not on the system console.

This system error is also reported to the system console via messages SE15 and SE16, and an automatic SYSDUMP (or at least register information) is obtained there.

SE28 ERROR CODE error-code LOADING module-name DURING INITIALIZATION
An error occurred during an attempt to load the specified module during IPL. Some system functionality may be lost.

Make sure that all modules needed for supervisor initialization are in YLOD.

SE29 ERROR CODE error-code IN INITIALIZATION MODULE module-name
A system error occurred during processing of the initialization module specified. The supervisor initialization may be incomplete.

Obtain a system dump by issuing the SE HA,SPE command with the error code specified in the message as soon as possible after IPL.

SEC00 SECURITY SERVICES READY
Security services is initialized.

SEC01 ACCOUNT NUMBER OR PASSWORD IS INVALID
You supplied an invalid account number or password, and you are not permitted logon access to the system.

SEC02 USER CANNOT LOGON ON THIS DATE
You are prohibited from logging on. This date is outside the range specified by the administrator.

Please contact the site administrator for permission to log on.

SEC03 NEW PASSWORD CONTAINS INVALID CHARACTERS
An illegal character was found in the new password.

Please correct this field and try again.

SEC04 USER CANNOT LOGON AT THIS TIME
You are prohibited from logging on. This time is outside the range specified by the administrator.

Please contact the site administrator for permission to log on.

SEC05 SECURITY GETBUF FAILED
A password is required to log on, and you did not specify one.

Log on again with a valid password.

SEC06 PASSWORD MUST BE SPECIFIED
A password is required to log on, and you did not specify one.

Log on again with a valid password.

SEC07 profile name IS ALREADY IN THE SECURITY FILE
The profile you want to add to the security file is already in the file.

Check the profile name entered to make sure it is correct. If it is not, correct it and retransmit.

SEC08 profile name IS NOT IN THE SECURITY FILE
The profile you want to delete, display, or modify is not in the security file.

Check the profile name entered to make sure it is correct. If it is not, correct it and retransmit.

SEC09 NO PROFILES OF THIS TYPE ARE IN THE SECURITY FILE
You have tried to display or modify all profiles of a selected type in the security file, but no profiles of the type you selected exist in the file.

SEC10 PASSWORD IS REQUIRED
Passwords must be entered at logon and must be in user profiles.

Enter an alphanumeric password.

SEC11 FROM DATE IS QUESTIONABLE
The from date you used when creating a user profile is in error if it is earlier than the current date.

If you entered the date incorrectly, change it and transmit; otherwise simply transmit.

SEC12 CANNOT DELETE THE ADMINISTRATOR'S PROFILE
You attempted to delete the administrator's profile. The administrator's profile can be modified but cannot be deleted.

Select another operation.

SEC13 SMU TERMINATED
The security maintenance utility, SMU, is terminated.

No response is necessary.

SEC14 LIST OPERATION COMPLETE - TRANSMIT TO CONTINUE
Your request to list profiles is completed.

Transmit to return to home screen.

SEC15 *** USER PROFILES *****
This heading precedes the listing of the names of user profiles in the security file.

SEC16 *** EXECUTION PROFILES *****
This heading precedes the listing of the names of execution user profiles in the security file.

SEC17 *** COMMAND PROFILES *****
This heading precedes the listing of the names of command profiles in the security file.

SEC18 COMMAND RESTRICTION MODULE VERSION YY/MM/DD, HH:MM
This is the generation date of the disk-loadable resident command restriction table contained in the security file, YSEC. It is regenerated each time the administrator uses SMU to update any user's command privileges.

SEC19 COMMAND RESTRICTION MODULE BEING UPDATED
This informational message indicates that security is currently updating the disk-loadable resident command restriction table.

SEC20 COMMAND RESTRICTION MODULE UPDATE COMPLETE
This informational message indicates that security regenerated the disk-loadable resident command restriction table, and the new table is now in use.

SEC21 SECURITY ERROR OPENING SECURITY FILE
An error was encountered while opening the security file. The message that follows gives the specific error code.

SEC22 SECURITY ERROR READING COMMAND RESTRICTION MODULE
An error was encountered while reading the security command restriction module of the YSEC security file. The message that follows gives the specific error code.

SEC23 SECURITY ERROR READING COMMAND PROFILES
An error was encountered while reading the command profile from the security file. The message that follows gives the specific error code.

SEC24 SECURITY ERROR READING USER PROFILES
An error was encountered while reading the user profile from the security file. The message that follows gives the specific error code.

SEC25 SECURITY ERROR WRITING COMMAND RESTRICTION MODULE
An error was encountered while writing the command restriction module to the YSEC security file. The message that follows gives the specific error code.

SEC26 COMMAND PROFILE profile-name NOT FOUND FOR USER user-name
The user is assigned to a command profile that does not exist. This was detected while building the command restriction table.

Inform the security administrator.

SEC27 WARNING: HOST CHECKING NOT IN THE SYSTEM
You tried to create, display, or modify a user profile with a host-id as part of the user profile name, but the system was not generated with DDPSC=REM. Message is informational and can be ignored by retransmitting.

The host id feature is only functional for security if DDPSC=REM is specified at SYSGEN.

SEC28 SECURITY TABLE LOAD FAILED, NO NEW USERS CAN LOGON
Security services initialization failed because of an error encountered while accessing the security file YSEC. No new users are allowed to log on until the file is restored.

SEC29 OLD SECURITY COMMAND RESTRICTION TABLE IS RETAINED
A previous error in accessing the security file to update command restriction information occurred, and the attempt to update command restriction information at this time has failed. Command restriction information does not reflect the updates made during this run of SMU.

SEC30 SECURITY TABLE NOT LOADED, NO NEW USERS ALLOWED
The logon is rejected because security services initialization failed.

Contact the administrator to restore the security file.

SEC31 PASSWORD UPDATE FAILED, OLD PASSWORD IS STILL ACTIVE
The specified new password was not accepted because of the error that was displayed to the user. The old password is still operative.

SEC32 PASSWORD UPDATE COMPLETED SUCCESSFULLY
The specified new password is now operative.

SEC33 SECURITY ERROR READING EXECUTION PROFILES
An error was encountered while reading the execution profiles from the security file. The message that follows gives the specific error code.

SEC34 EXECUTION PROFILE name NOT FOUND FOR USER user-id
The specified user is assigned to an execution profile that does not exist. This was detected while building the command restriction table.

Inform the security administrator of the situation.

SEC35 USER IS NOT DEFINED IN THE SECURITY FILE
You attempted to log on without being defined by the administrator as a valid system user.

Verify that the user-id was correctly specified, and notify the administrator if you should be added to the security profiles.

SEC36 ERROR READING USER PROFILE
Your logon is rejected because an error occurred in accessing the specified user profile.

Contact the administrator to restore the security file.

SEC37 ERROR READING EXEUCTION PROFILE
Your logon is rejected because an error occurred in accessing the specified execution profile.

Contact the administrator to restore the security file.

SEC38 EXECUTION PROFILE NOT FOUND
Your execution profile was not found in the security file.

Contact the administrator to run SMU to create this profile.

SEC39 SPECIFIED EXECUTION PROFILE NOT ALLOWED FOR THIS USER
You specified an execution profile name during logon that was not assigned to you by the administrator.

If appropriate, contact the administrator to add this execution profile to your user profile.

SFG00 SCREEN FORMAT format-name SUCCESSFULLY { CREATED / DELETED / MODIFIED }
The specified function (CREATE or CREATE FROM, DELETE, or MODIFY) has completed successfully and the specified format is written in the library.

No action is required.

SFG01 OPEN ERROR ON FILE filename
The CDIB for the specified file indicates an error on open.

Program terminates if error is on TEMPFILE or SCREENIO. Program returns to the home screen if error is on USERFILE.

SFG02 ERROR ON ATTEMPT TO SELECT { format-name / filename }
The CDIB indicates an error on DMSEL. If the error occurred on a workstation file and a format is being selected, the format name is displayed. If a format is not being selected (WSAM I/O), SCREENIO is displayed. If the error occurred on the user format file, USERFILE is displayed.

The program returns to the home screen to allow the user to attempt another format. If the select error is on the home screen (SFGHOME), the program terminates.

SFG03 I/O ERROR ON {format-name / filename} .YOU MAY SELECT ANOTHER

FUNCTION

The CDIB indicates an error on the file or format specified:

TEMPFILE

Specifies the generator temporary file (CLUMFIL).

SCREENIO

Specifies the generator workstation file when using WSAM.

format-name (SFGHOME, etc)
Specifies the generator's use of the screen format coordinator.

Control returns to the home screen. The operator may attempt a new format definition.

SFG10 NO. OF VARIABLES OR CHARACTERS IN FORMAT IS TOO LARGE
One of the following conditions caused the error:

1. The size of data transferred from the workstation is too large to handle; i.e., greater than 4000 bytes (includes device controls).
2. The number of indicators plus fields exceeds 255.

Control returns to the home screen. The operator may build another screen or choose another function.

SFG11 FORMAT format-name IS LARGER THAN CURRENT SCREEN
The format specified as OLD FORMAT on the home screen is larger than the screen of the workstation assigned to the generator. This occurs when the number of lines or columns is exceeded. If virtual formats are supported, this message appears only if the number of columns is exceeded. MODIFY, CREATE-FROM, and SHOW can encounter this error.

Try another format or re-create the screen format generator, assigning a workstation with a larger screen.

SFG12 NO DATA ENTERED – POSITION CURSOR TO END OF SCREEN, XMIT
The cursor must be moved to the end of the screen before transmitting.

Move cursor to end of screen and transmit.

SFG13 UNABLE TO MODIFY THIS FORMAT-PLEASE USE CREATE FUNCTION

The Screen Format Generator detected a format that cannot be modified using the MODIFY/CREATE-FROM functions when option 2 (CHANGE TYPE) or option 3 (CHANGE I/O) is specified.

Use option 1 (CHANGE TEMPLATE) to modify the existing screen format.

SFG20 OLD FORMAT format-name DOES NOT EXIST
The format specified as OLD FORMAT cannot be found. Check to see that the spelling of the format is correct or check the contents of the format library (YFMT or a user-assigned library), via the librarian or system FSTATUS command, to see if the format actually exists.

Enter the correct OLD FORMAT name of the home screen.

SFG21 (WARNING) NEW FORMAT format-name ALREADY EXISTS
The format specified as NEW FORMAT already exists in the new format library (FRMOUT). The new format will automatically replace the existing format unless the new format name is changed.

Change the name to avoid replacement, then transmit. To replace the existing format, place the cursor at the end of the screen and transmit.

SFG22 FC TYPE ELEMENT NOT FOUND FOR FORMAT format-name
The format element type F exists but the FC type does not exist.

Use the MODIFY option to create the new format using the old format name.

SFG23 (WARNING) language LANGUAGE TABLE NOT FOUND IN FRMTOUT
The translation table for the character set used for the language specified does not exist in FRMTOUT. You may have to provide a table; if so, place the cursor at the end of the screen and transmit. You may change the name to correspond to an existing translation table.

Correct the spelling of the language table name or prepare to generate or copy translation table to FRMTOUT. To ignore the warning, place the cursor at the end of the screen and transmit.

SFG30 INTERNAL FIELD HAS BEEN CHANGED. UPDATE NOT COMPLETED.
Variable fields have been added or deleted, or their length or order have been changed. Selection of modify screen option 7 permits template change only.

Correct the variable fields. Upon transmittal, the home screen is displayed for function selection.

SFG31 RESPONSE IS NOT CONSISTENT WITH INDICATOR(S) SPECIFIED
An inconsistency exists between the indicator request (response - NO/YES) and the indicator specification.

Correct the response and/or the indicator specification, then transmit. The next screen requested is displayed.

SFG32 (WARNING) CONDITION SPECIFIED IS SAME AS ITS DEFAULT
The condition specified for this option (unconditionally TRUE, unconditionally FALSE, or based on a program indicator) is redundant because no specification would produce the same result.

If you have entered the information correctly, move the cursor to the end and transmit.

SFG33 (WARNING) IMPLIED EMPHASIS IS SAME AS FOR ERROR FIELDS
The emphasis entry for selection "E - Same as fields in error" is ignored. The intensity and emphasis used are the same as those fields that the screen format coordinator rejects.

If the error display is not the desired rendition for fields to be marked in error, specify the intensity and emphasis explicitly. Otherwise, specify only "E".

SFG34 CURSOR POSITIONING IS NOT ALLOWED FOR OUTPUT-ONLY FIELDS
The cursor positioning option is available only for an input-capable (unprotected) variable.

Remove "6 - Position cursor" or modify the screen if the field was not to have been specified as output only.

SFG35 THE ENTRY IN ERROR MUST SPECIFY AN INDICATOR NUMBER
The blinking field specified an unconditional value for a function that must be invoked conditionally via a program indicator.

Specify the indicator that the program will use to control this function.

SFG40 INTERNAL LENGTH IS LESS THAN DEFAULT FOR USAGE SPEC'D
The screen format generator determines internal length based on picture string and internal usage (data representation). If the internal length is less than the usage, the variable will be truncated on input and padded on output.

Ensure that the internal size specified is compatible with the data structure in the program. Verify the length, usage, and alignment of the variable. If desired, the internal length and/or usage may be changed. This warning may be disregarded by moving the cursor to the end of the screen and transmitting.

SFG41 INTERNAL LENGTH GREATER THAN DEFAULT FOR USAGE SPEC'D
This message is the same as SFG40, except that the internal length is greater than the usage. See SFG40 for corrective action.

SFG42 INTERNAL SIZE MAY BE INVALID. CHECK USER PROGRAM.
The internal length specified may be invalid for the usage specified. This depends on the programming language and logic. For instance, this message appears if a binary field is not one, two, or four bytes, a floating-point field is not four or eight bytes, or a logical field is not four bytes.

See SFG40 for corrective action.

SFG50 DEFAULT VALUE IS NON-NUMERIC OR ALL UNDERLINES
The value specified for internal default is not numeric for a numeric or numeric-edited field. (The internal usage is display or zoned, so this is acceptable.) Ensure that this value is intentional and that underlines to indicate no entry are desired.

This is a warning message. If the value is incorrect, correct it, position the cursor at the end of the screen and transmit.

SFG51 DEFAULT VALUE HAS AN INVALID CHAR., OR IS WRONG TYPE.
An error occurred because one of the following conditions exists:

1. The value specified for internal default has a character that is invalid for the usage specified (e.g., an alphabetic for a packed or binary field).
2. The value has invalid construction (e.g., more than one decimal point, more than one sign, no valid numeric digits for a numeric field).
3. The value is too long to be processed.

The workstation operator must correct the default value to continue.

SFG52 DEFAULT VALUE HAS TOO MANY DIGITS FOR USAGE SPECIFIED
Numeric defaults have the following maximum values:

Display/zoned	-	40 characters
Packed	-	15 digits
Binary	-	$-2^{31} \leq \text{value} \leq (2^{31}-1)$

Specify a value within range or correct either the external type or internal usage by modifying the format.

SFG60 RANGE VALUE IS NON NUMERIC OR ALL UNDERLINES
The specified range value does not conform to the definition of the field. The entered value is nonnumeric or all underlines.

Correct and retransmit.

SFG61 RANGE VALUE HAS AN INVALID CHARACTER OR IS WRONG TYPE
The range value specified does not conform with the definition of the field. The entered value has an invalid character or is the wrong type.

Correct and retransmit.

SFG62 RANGE VALUE HAS TOO MANY DIGITS FOR USAGE SPECIFIED
The range value specified has too many digits.

Correct and retransmit.

SFG90 FUNCTION IS NOT SUPPORTED.
The function requested on the home screen, the function key, or some other specification requests a nonexistent function or feature.

Correct and rerun.

SF01 filename chan/device INVALID SFS IMPERATIVE
An imperative issued by the calling program is not valid for SFS.

Specify a valid SFS imperative and rerun.

SF02 filename/chan device FORMAT FILE COULD NOT BE OPENED
The screen format file could not successfully be opened. This may be due to invalid JCL or a fatal I/O error.

Correct any invalid JCL for the format file and rerun. If error persists, contact your local Sperry representative.

SF03 filename chan/device INVALID OUTPUT RECORD SIZE
The output record size, as indicated by program declarations or data definitions, is not large enough to contain all variable output fields as defined on the format.

Change program declarations or data definitions for the format within the program, or change screen format definition (via SFG) and rerun.

SF04 filename chan/device INVALID INPUT RECORD SIZE
The input record size, as indicated by program declarations or data definitions, is not large enough to contain all variable input fields as defined on the format.

Change program declarations or data definitions for the format within the program, or change screen format definition (via SFG) and rerun.

SF05 filename chan/device OUTPUT ONLY SCREEN FORMAT
A declaration implying variable input fields (a DMINP imperative) is issued against a format containing no variable input fields. Screen format may have been defined incorrectly (to the SFG), user program may contain improper declarations for the referenced format (e.g., ACCEPT instead of DISPLAY in COBOL), or user program data structures may be defined improperly.

Check screen format and user program for compatibility between format's (I/O) field definitions, and program's declarations and data definitions for the referenced format. Make necessary corrections and rerun.

SF06 **filename chan/device DMINP ISSUED TO OUTPUT ONLY DEVICE**
A DMINP imperative is issued against an output only device such as a printer.

Change JCL to indicate a workstation and rerun.

SF07 **filename chan/device INVALID SFS IMPERATIVE SEQUENCE**
Format contains at least one output field but a declaration for input (DMINP imperative) is issued without prior declaration for output (DMOUT imperative). Screen format may have been defined incorrectly (to the SFG), user program may contain improper declarations (e.g., ACCEPT before DISPLAY in COBOL) for the referenced format, or user program data structures may be defined improperly.

Check format and user program for compatibility between format's (I/O) field definitions, and program's declarations and data definitions for the referenced format. Make necessary corrections and rerun.

SF08 **filename did DMOUT-I/O OR CONVERSION ERROR,TYPE=xx**
A fatal I/O error was detected while attempting to write to the output device. Possible types are:

00 Unrecoverable I/O error
01 SFS internal error
02 SFS internal error
03 Missing input table: a structure needed for this output was released because of a previous error.
04 SFS internal error
05 Entry not found in input table: a field that was previously protected was made unprotected on this write.
07 SFS internal error
08 Screen has too many fcc's on one line for this device.
09 Device was freed before output.

Check the program to verify it is storing valid screen data in the correct screen fields and field positions.

Rerun. If error persists, contact your local Sperry representative.

SF09 **filename chan/device DMOUT ERROR - INVALID SCREEN FORMAT**
The screen format file was incorrectly created.

Contact your local Sperry representative.

SF10 **filename chan/device DMINP ERROR - RECORD LEVEL FORMAT ERROR**
The screen format file was incorrectly created.

Contact your local Sperry representative.

SF11 **filename chan/device USER IMPERATIVE ABNORMALLY TERMINATED**
An SFC imperative was not completed successfully due to a system program check.

Contact your local Sperry representative.

SF12 **filename chan/device DMINP ERROR - FIELD LEVEL FORMAT ERROR**
The screen format file was incorrectly created.

Contact your local Sperry representative.

SF13 filename chan/device DMINP ERROR - DSD FIELD LEVEL FORMAT ERROR

The screen format file was incorrectly created.

Contact your local Sperry representative.

SF14 filename chan/device DMINP ERROR - UNDECIPHERABLE CHARACTER

One or more invalid characters were detected in the buffer read from the input device. This may be due to a hardware problem.

Rerun. If error persists, contact your local Sperry representative.

SF15 filename chan/device DMINP ERROR - PHYSICAL I/O ERROR

A fatal I/O error was detected while attempting to read from the input device.

Rerun. If error persists, contact your local Sperry representative.

SF16 filename did DMINP-CONVERSION ERROR, TYPE=xx

Possible types are:

0D	SFS internal error
0E	Synchronization error: input buffer is invalid (operator erased control information on the screen)
10	SFS internal error
12	SFS internal error
13	Language specified in the screen format does not have a matching translation table.
14	Control information was erased on the screen and "transmit all" was specified in the format. This error is given to avoid a loop.

If this error persists, contact your local Sperry representative.

SF17 filename chan/device DMINP ERROR - MAX RETRIES EXCEEDED

The workstation operator has exceeded the number of retries specified for a field during screen format definition. Fields incorrectly entered are marked in error.

Check for compatibility between the data entered and the definition of format's fields (e.g., numeric data must be entered for a field defined to the SFG as numeric or data must conform to any range checks that were specified). Correct the format and rerun or correct the data and continue as normal. User program may also be changed to initiate alternate action if error retry count is exceeded.

SF18 filename chan/device DMINP ERROR - DSD SYNTAX ERROR

The screen format file was incorrectly defined.

Contact your local Sperry representative.

SF19 filename chan/device DMINP ERROR - FUNCTION KEY 16 ENTERED

The workstation operator has entered function key 16 to indicate that satisfactory input could not be provided. All fields are marked in error.

Determine the reason for the function key's entry (e.g., operator may be trying to enter alphabetic data into a numeric field). Correct data or format's field definitions. If F16 was entered because of continuous blinking of fields, contact your local Sperry representative.

SF20 filename chan/device FORMAT WIDTH GREATER THAN SCREEN WIDTH

The width of a line defined within the format is greater than the width of the output device.

Modify the format and rerun, or assign a larger output device if possible and rerun.

SF21 filename chan/device FORMAT NOT FOUND

The requested format could not be located. Format's name may be referenced improperly or format may have been deleted from the library.

Make sure that references to the format's name (within user program) match the name assigned to the format during generation, ensure that JCL specifies the correct format file, and check contents of the format library.

Correct the format name or JCL for the format file and rerun, or redefine a format to the SFG and rerun.

SF22 filename chan/device DMSEL ERROR ACCESSING FORMAT FILE
A fatal I/O error was encountered while accessing the format file.

Rerun. If error persists, contact your local Sperry representative.

SF23 filename chan/device SFC ERROR – INSUFFICIENT MEMORY
Insufficient system buffer available to retrieve a format from the library.

Contact your local Sperry representative.

SF25 filename chan/device DMCTL ERROR – NO ERROR FIELDS
No fields were marked in error within buffer.

Corrective action refers to BAL programs only. Ensure that the program issues a DMCTL INERR and not a DMOUT. If DMCTL INERR is desired, the program should be modified to indicate that at least one field is in error.

SF26 filename chan/device DMOUT VERIFICATION ERROR
User program output data is incorrect or incompatibility exists between the format and the program.

Check for compatibility between format's fields and program data definitions. Correct any inconsistencies and rerun.

SF27 filename chan/device QUEUE SCANNER FOUND DAMAGED QUEUE LINK
The screen format services (SFS) validation function has discovered a bad link in one of its queues while working with the file and workstation shown. This error may make it necessary for all SFS users to close their SFS files.

Enter the SET DE,FS command immediately. This action will generate snapshot dumps that you should send to Sperry as part of a software user report (SUR). If possible, get a SYSDUMP too and include it in your SUR.

SF28 filename chan/device ENQUEUE/DEQUEUE OPERATION FAILED
Screen format services (SFS), running either under a user task or under the validation function, discovered a bad link in one of its queues while working with the file and workstation shown. This error may affect only one job or it may affect all SFS users.

Enter the SET DE,FS command immediately. This action will generate snapshot dumps that you should send to Sperry as part of a software user report (SUR). If possible, get a SYSDUMP too and include it in your SUR.

SF29 filename chan/device DEVICE FREED, IMPERATIVE IGNORED.
A job step has issued an I/O imperative to the specified workstation although that device has been released from the job, usually by the FREE command. The imperative is ignored.

This is an informational message.

SF30 filename chan/device INVALID DEVICE ID
The control structure associated with the specified multivolume workstation file has specified a value greater than the value specified in the DVC statement for the file.

Correct the error and rerun.

SF31 filename chan/device INVALID CONNECTION
IMS has attempted to connect to an ID greater than the maximum that was provided at OPEN.

Correct the error and rerun.

SF32 filename chan/device ID ALREADY CONNECTED
IMS has attempted to connect to an ID that is presently connected.

Correct the error and rerun.

SF33 filename chan/device INVALID INDICATOR VALUE
The user has attempted to issue a DMOUT and an indicator value is not 0 or 1. This may be due to the user not having preceded the data work area with the indicator array.

Correct the error and rerun.

SF34 TOO MANY FCCS REQUIRED FOR LINE
A screen format cannot be displayed on a UNISCOPE 400, because the format contains more than 15 field control characters (FCCs) in a line while the device cannot handle more than 15 FCCs per line.

Run the program on another device or redesign the screen format to contain fewer fields per line.

SI00 MOUNT SPOOL VOLUME vsn. ENTER DEVICE ADDR OR N
Request for mount of volume.

Enter device address or N if no further spool devices are to be considered.

SI01 SI IGNORED-SYSTEM NOT IDLE
SI command ignored because system is not idle. Processing continues.

No corrective action required.

SI02 SPOOL VOLUME ON did NOT AVAILABLE. SPOOLING UNAVAILABLE
Spool volume designated by did is not available for use. Spooling unavailable. Processing continues.

No corrective action required.

SI03 SPOOL VOLUME SUBTYPES DIFFERENT. SPOOLING UNAVAILABLE
The volumes of the spool file have different subtypes. Spooling unavailable. Processing continues.

No corrective action required.

SI04 DUPLICATE SPOOL DEVICE ADDRESSES. SPOOLING UNAVAILABLE
A device address was entered twice for spooling devices. Spooling unavailable. Processing continues.

No corrective action required.

SI05 vsn NOT VALID FOR RECOVERY **IC
Volume specified by vsn not valid during warm start due to one of the following:

1. No spool file allocated on volume.
2. Incorrect volume sequence number.
3. Volume not used during the original creation of the spool file.

Enter I to cause cold start processing or C to disable spooling.

SI06 ALLOCATION ERROR ON vsn. SPOOLING UNAVAILABLE.
An allocation error occurred on the volume designated by vsn. Spooling unavailable. Processing continues.

No corrective action required.

SI07 SAT ERROR code. SPOOLING UNAVAILABLE.
SAT error indicated while opening spool file. Spooling unavailable. Processing continues.

No corrective action required.

SI08 WARM START DETECTED ERRORS. RECOVERY DOUBTFUL
I/O errors detected while attempting recovery of files.

SI09 xxxxx FILE: QUEUED=nnnnn HOLD=mmmmm
Upon completion of a warm start, files xxxxx contain n subfiles queued and m subfiles in hold.

SI10 DUMP OR EXEC INVALID FOR HOTSTART. SPOOLING UNAVAILABLE
Either the current supervisor does not match the previously used supervisor, or the time and date in the SYSDUMP file indicate that the dump preceded the last spooling initialization. In either case, spooling is deactivated and system initialization is completed without spooling.

If HOTSTART is required and a properly valid SYSDUMP was taken, reboot the correct supervisor for HOTSTART. It must be the supervisor used for the SYSDUMP and the last spooling session.

If spooling is not desired, no action is necessary.

SJxx
For an explanation of these messages, see the OS/3 stability monitoring software release description (SRD) supplement.

SMPA01 ALLOC OF xxxx FILE UNSUCCESSFUL: ERROR CODE=eeee
This SMCALC program cannot allocate a file required by the SMP/SMC software. The SMCALC program tries to allocate a dummy file to the disk. If insufficient space exists, the above message is displayed.

The user must create enough space on the disk (e.g. deleting unnecessary files).

SMPC01 CORRECTION MUST BE APPLIED USING --RUN SMC--
The user attempted to run a correction job stream by itself (for example, RV CO71234). This is no longer allowed. All corrections must be applied using RUN SMC command.

Follow the instructions for the use of the SMC application process, which can be found in the system installation manual.

SMPDxx

Except for the SMPDxx messages listed below, these messages are prompts that appear while applying an SMC. They are explained in the appropriate system installation manual.

SMPD67 CARD COUNT MISMATCH...THE (Y) OPTION IS NOT ALLOWED.
SMPD68 A MISMATCH BETWEEN THE ACTUAL CARD COUNT (mmm)
SMPD69 THE USER SPECIFIED CORRECTION CARD COUNT (nnn) HAS
SMPD71 OCCURRED. THE SMC CANNOT BE APPLIED.

These four messages appear when the user-supplied card count mmm and the actual card count nnn do not agree; they must agree before an SMC may be accepted.

Make sure the user-supplied and actual card counts agree by modifying line number 30 of the SMC to match the actual card count.

SMPD72 INVALID SEQUENCE NUMBER ON CARD card-no

A sequence number that you entered as part of a required hash value does not match the card number as displayed on the screen, which is the line currently being processed by the program.

Find the correct hash total and enter it.

SMPD73 INVALID HASH TOTAL ENTERED FOR CARD card-no

A hash value that you entered does not match the hash value calculated by the program, either because you keyed in a wrong value or because the card content is wrong.

Find the correct hash total and enter it.

SMPD76 ACCEPT SMC (Y,N) OR CMD (P, U, OR HELP):

Your reply to this workstation message lets you take one of the following actions with a SMC: you can accept it (Y), reject it (N), display the SMC on the workstation (P), update a line on the SMC (U), or call a help screen if you're not sure what to do (HELP).

Enter your response and press TRANSMIT.

SMPM01 INVALID PARAMETER CARD - PROGRAM ABORTED

The parameter card contains an invalid parameter value or a misspelled keyword.

Correct the card and retry.

SMPM02 INVALID FUNCTION IN DTF MODE - PROGRAM ABORTED

A function other than DISPLAY was attempted in a basic data management (DTF) environment.

Rerun job in consolidated data management or mixed mode environment.

SMPM03 COPY FILE ALREADY CONTAINS THIS KEY: smc-name

A key already exists in the index, but an attempt was made to reenter it into the copy file.

SMPM04 record-count RECORDS WERE PROCESSED

This is an informational message. For a COPY function, record-count is the number of records copied. For a DELETE function, record-count is the number of records deleted.

No action is required.

SMPQ60 vvvvvvvv: INVALID; ENTER NEW VALUE, SPACE TO DELETE,
SMPQ70 C:CANCEL JOB, OR M:RETURN TO MENU. DEFAULT: ddddddddd

These messages appear if you have keyed in an invalid value in response to any query from the SMPQP program. The invalid value is given by vvvvvvvv. The rest of the message gives the allowable responses, including the default value currently in effect (ddddddddd).

Enter the response you wish and press TRANSMIT.

SMPQ80 ERASE OF nnnnnnn FILE(S) UNSUCCESSFUL: ERROR CODE=eeee.

This message appears if program SMPQP was unable to scratch the file or files requested by menu option 7.

Check error code eeee in Appendix A. If the error code is 34, ignore the message; the program attempted to erase a file that didn't exist.

SMPS01 INSUFFICIENT MEMORY TO RUN UNDER supervisor-name; RE-IPL USING -SY@SMP- AND RE-ENTER RUN COMMAND

The system is configured with less than 512K bytes of main storage. This does not leave adequate contiguous main storage to run the SMP process under standard supervisors.

IPL the system again and use supervisor SY@SMP.

SMPU01 SMC smc-name NOT FOR THIS SOFTWARE RELEASE

The software revision level contained in the system information block (SIB) does not fall within the range of applicability specified on line 6 of the SMC. The SMC is not applied.

Check that the rejection is valid, and report the exception to the person that submitted the SMC.

SMPU02 PRODUCT # number IS AN INVALID NUMBER

The product code in line 7 of the SMC is not stored in the table of valid product codes. The SMC is not applied.

Correct the product code on line 7 of the SMC or request that the product code be added to the table in the SMP software.

SMPU03 UNABLE TO READ INDEX TO SMCFILE. FILE EMPTY?

An error or unexpected end-of-file or no-find condition was detected during an attempt to read the index to the SMCFILE. No further processing of the SMC/SMP is possible. The most likely cause is that the file has been erased and a new one has not been created.

Check that the file is properly allocated and written and is not empty. Check for data management (DM) messages that may indicate the nature of the problem.

SMPU04 UNABLE TO FIND NEXT SMC

An error occurred during an attempt to read the header for the next SMC on the SMCFILE. The SMCUPD program treats it as if an end-of-file condition was reached.

Check for data management (DM) messages that may indicate the cause of the problem.

SMPU05 ERROR WHILE READING SMC. smc-name NOT APPLIED

An error was detected during an attempt to read the named SMC. The program attempts to skip to the next SMC.

Check for data management (DM) messages that may indicate the reason for the error. When the error is corrected, rerun the program to apply this SMC.

SMPU06 UNABLE TO FIND SMPQP MODULE

An error was detected during an attempt to read the SMP query program modules. This prevents processing of any SMCs.

Check for data management (DM) messages that may indicate the reason for the problem. Correct the condition and rerun the job.

SMPU07 SMC smc-name DID NOT COMPLETE SUCCESSFULLY

An error occurred that prevented successful completion of the SMC job specified. Depending on the nature and timing of the error, the SMC may have been partially applied.

Consult listings and logs for the type of error. Correct the problem and rerun the job. In some cases, it may be necessary to back out a partially installed SMC before rerunning.

SMPU08 SMC smc-name COMPLETED SUCCESSFULLY

This is the normal completion message that is displayed after each SMC is correctly applied.

SMPU09 smc-name CONTAINS TOO MANY CARDS. NOT APPLIED

The SMP/SMC job rejects any SMC that contains more than 200 cards. The SMC is not applied.

Change the SMC so that it fits within the 200 card limit; e.g., use a diskette instead of embedded data.

SMPU10 SUMMARY OF ALL REGENS/RECONFIGURATIONS REQUIRED

This is a header that is followed by a list of regenerations/reconfigurations. It is an accumulative list summarizing all the regens/reconfigurations that are called for by the successfully applied SMCs in this run.

Check that the necessary regeneration/reconfiguration jobs were run. Run them if necessary.

SMPU11 ERROR SEARCHING LOG FOR REQD SMCS. smc-name NOT APPLIED

An error occurring during the search of the file YSMCLOG for an SMC required by the current SMC. The current SMC is not applied. The SMCUPD program continues to process the next SMC.

Consult the data management (DM) message accompanying this message to determine the cause of the error. Rerun the SMC/SMP job to apply the skipped SMC.

SMPU12 REQUIRES SMC smc-name WHICH IS NOT IN LOG

The current SMC lists the given SMC as a prerequisite. A subsequent query message SMPU21 may be issued to permit the operator to force installation of the SMC. Otherwise, the SMC will not be applied.

Check that the prerequisite is correct and determine why it was not applied prior to the current SMC.

SMPU13 ERROR READING SMCLOG smc-name NOT APPLIED

An error occurred during an attempt to read the SMCLOG. The current SMC is not applied. The program attempts to apply subsequent SMCs.

Check for DM messages to determine the cause of the error. Correct the problem and rerun the job to apply the SMCs that were skipped.

SMPU14 SMPQP RECORD IS INCOMPLETE

The update program cannot find the required information on the records produced by SMPQP.

Determine the reason for the missing information, correct the problem, and rerun the job.

SMPU15 RE-{SUPGEN / COMMCT / EMULAT / NTRGEN / COBGEN} REQUIRED

The current SMC has been correctly applied and indicates in card 12 that a regeneration is required. This message is repeated at the end of the SMC/SMP job run as a summary. (See SMPU10.)

At the end of the SMP/SMC job, run the required regen job.

SMPU16 RE-CONFIGURATION OF {IMS / DMS} REQUIRED

The current SMC has been correctly applied and indicates in card 12 that a reconfiguration is required. This message is repeated at the end of the SMC/SMP job as a summary. (See SMPU10.)

At the end of the SMC/SMP job, run the required reconfiguration job. Normally, the required reconfigurations will be run automatically by the SMC/SMP job.

SMPU17 PREVIOUS SMP (smp-name) NOT INSTALLED

Before starting an SMP run, the SMCLOG is checked to see that the immediate predecessor SMP has been installed. If it has not, this message appears and the SMP job is terminated. No SMCs will be installed.

Run the prior SMP job first and then run this SMP.

SMPU18 START PROCESSING SMC smc-name

This message occurs at the console and in the audit file to show that the SMC has passed elementary tests for applicability to the system and software revision level. It should be followed by messages showing the disposition of the SMC; e.g., SMPU08 SMC smc-name COMPLETED SUCCESSFULLY.

SMPU19 MOUNT REQUIRED MEDIA FOR SMC smc-name RIC

The current SMC calls for a tape, a disk, or a diskette, which should be mounted by the operator at this point. The operator must consult auxiliary documents to determine the correct media to be mounted. A response other than R, I, or C will cause the query to be repeated.

Respond with R if the required media is mounted and ready. Respond with I to skip this SMC and proceed to the next. Respond with C to skip this SMC and terminate the SMC/SMP job.

SMPU20 REQD MEDIA NOT AVAIL. SMC smc-name NOT APPLIED
The operator has responded I or C to the SMPU19 message.

Locate the required media and rerun the job to apply the SMC.

SMPU21 IGNORE REQUIREMENTS AND INSTALL SMC smc-name? Y/N
The prerequisite SMCs listed in card 15 of this SMC are not entered in the SMCLOG as correctly applied. The current SMC is skipped unless the operator chooses to override the requirement by responding Y. A response other than Y or N causes the query to be repeated.

Respond with Y to attempt to install the current SMC. Responding with Y may be necessary in the case of deadlock requirements or where the required SMC is known to be installed by other means. Respond with N to skip to the next SMC. The current SMC is not installed.

SMPU22 SMC smc-name NOT FOR THIS SYSTEM TYPE
Card 12 of the SMC calls for System 80, and the job is being run on Series 90 or vice versa. The current SMC is skipped.

SMPU23 SMC smc-name FAILED LAST TIME. TRY AGAIN? R|C
The current SMC is listed in the SMCLOG as one that failed during run processing or during execution. The operator is given an opportunity to skip it if the problem is known and has not been corrected.

Respond R to attempt to apply the SMC; respond I to skip this SMC and proceed to the next one; respond C to skip this SMC and terminate the SMC/SMP job.

SMPU24 SMP smp-number NOT IN RANGE 01-98. NOT INSTALLED
An attempt was made to run an SMP with a serial number that is not in the range 01-98. The SMP update program will terminate without installing the SMP.

Correct the SMP number in bytes 1-6 of the comment field of the first header record in the SMC file. It should have the form SMrrnn, where rr is the software revision and nn is the serial number of the SMP.

SMPU25 A LATER SMP HAS BEEN RUN. smp-number NOT RUN
SMPs must be run in sequence. Because an SMP with a serial number higher than the one being attempted has already been run, the SMP update program terminates without installing the SMP.

Check the list of installed SMCs/SMPs and run the next SMP in sequence.

SMPU26 PRIOR SMP NOT COMPLETED. smp-number NOT APPLIED
SMPs must be run in sequence. Because the SMP with a serial number less than the one being attempted has not been run or did not complete satisfactorily, the update program will terminate without installing the SMP.

Check the list of installed SMCs/SMPs and run the next SMP in sequence or rerun the last SMP that did not complete satisfactorily.

SMPU27 WARNING: smp-number HAS BEEN APPLIED. CONTINUE? Y/N

The SMP has been correctly applied. There is no need to rerun it unless to install exception SMCs or to back out SMCs.

Respond Y if the SMP is to be run. Respond N if the SMP is not to be run.

SMPU28 APPLY EXCEPTION SMC smc-name ? Y/N

During an SMC job, this query is issued to permit the operator to choose to install an exception SMC.

Respond Y if the named SMC is to be installed. Respond N if the named SMC is not to be installed.

SMPU29 SMCUPD TERMINATED DUE TO ABOVE ERRORS

The SMC update process has been terminated due to errors (e.g., data management). It is inadvisable to continue. The errors will have appeared on the console screen.

Correct the problems and rerun.

SMPU30 SMP smp-name NOT COMPLETE. FIX PROBLEMS AND RERUN.

The SMP did not complete for reasons detailed on the console log and the audit print. Some SMCs were not applied.

Fix problem and rerun. Note that the next SMP should not be run until this SMP completes satisfactorily.

SMPU31 command COMMAND ENTERED BY OPERATOR

This message logs the fact that an unsolicited command was entered by the operator.

No action is required.

SMPU32 INVALID COMMAND

An unsolicited command entered by the operator was not recognized by the update program.

Enter the corrected command.

SMPU33 MODULE-NAME NOT SAME AS JOBNAME. NOT APPLIED.

Each module in the SMC file must to start with a // JOB card containing a job name that is the same as the module name. If they are not the same, the job is rejected and the update program proceeds to the next module.

Fix the problem and rerun.

SMPU34 CHECK FOR CONTINGENCY (DELETED AND REUSED)

Line 13 of the SMC's job stream contains important information regarding the named SMC. The information also appears in the audit printout.

Note the information on line 13 of the job stream and take appropriate action.

SMPU35 KEYWORD INCORRECT ON LINE _ _

The update program examines a sample of the keywords in the // NOP cards at the beginning of the job stream for each SMC. The current SMC is incorrect. The error may be on the line given or be due to a missing or extra prior line. The ID for the current SMC will be given by SMPU36.

Examine the contents of SMCFILE to determine why the current SMC is incorrect. The error may be on the line given or be due to a missing or extra prior line. Correct the problem and rerun.

SMPU36 ERROR ON NOP CARD. smc-name NOT APPLIED.

This message gives the name of the SMC in which a job stream error was detected. See SMPU35.

SMPU37 SMCUPD ERROR error-code

Miscellaneous errors that might be detected during the update process have been condensed to a code or an 8-character message (see Appendix J for an explanation of the error code).

Rerun the job. If the problem persists, an examination of the audit output and the SMC on which the error occurs may identify the problem. If not, the information should be submitted to a Sperry representative.

SMPU38 smc-name NOT BACKED UP. NOT APPLIED.

Either an error has occurred during the backup process or an attempt was made to apply an SMC that does not contain enough information to allow it to be subsequently backed out.

Correct the problem and rerun the job.

SMPU39 smc-name NOT BACKED UP. FAILED DURING EXECUTION.

An SMC that was not backed up failed during execution. The system may be left in an indeterminate state.

Determine the cause of the failure and rerun the job. If the problem persists, restore the affected modules from another source.

SMPU40 TEMP. BACKOUT OF smc-name REQD BY BACKOUT PROCESS.

A module of the named SMC is common to an SMC that was backed out at the operator's request. The named SMC is backed out so that it can be re-applied in its entirety during the application process.

No action is required.

SMPU41 MASTER BACKOUT TABLE HAS OVERFLOWED.

The number of modules backed out during the delete process exceeds the capacity of the table provided in main storage.

Rerun the job with fewer SMCs in the backout list.

SMPU42 INITIALIZATION OF filename FAILED.

An error occurred during the initialization of the named backup file.

Proceed as follows:

1. Erase the SMCBTRAN file from SYSRES.
2. Initiate the execution SMC processor again.

SMPU43 smc-name ALREADY INSTALLED.

The named SMC is already marked in the SMC log as having been correctly applied.

No action is required.

SMPU44 REQUESTED BACKOUT OF smc-name IS COMPLETE.

The modules affected by the named SMC have been restored as of the start of the last SMP.

No action is required.

SMPU45 smc-name WAS PREVIOUSLY BACKED OUT BY REQUEST.

The named SMC was previously backed out by operator request.

No action is required.

SMPU46 smc-name NOT APPLIED.

The named SMC has not been applied, usually for the reason given in preceding messages.

Rerun the job. If the error persists and a cause cannot be determined, contact your Sperry representative.

SMPU47 FORCE SMP INSTALLATION? Y/N

A response of Y will cause the SMP to be installed, even though the previous SMP was not correctly installed. Respond Y only if the reason for the failure of the previous SMP did not compromise the system. Otherwise, respond N and rerun the preceding SMP.

SMPU48 RUN MORE THAN 60 MINUTES. CONTINUE? Y/N

The current SMC has been running for more than 60 minutes.

Respond Y to permit it to continue for another 60 minutes. Respond N to cancel the current SMC and skip to the next. Unless instructions have been given to the contrary, respond N. When the job is finished, try it again. If the problem persists, contact your local Sperry representative.

SMPU49 PERMIT DEPENDENCY OVERRIDE? Y/N

This message allows the operator to direct the update program to issue message SMPU21 each time an SMC is processed for which required SMCs have not been correctly installed.

Respond N unless instructed otherwise.

SMPU50 * BEGIN pass-name PASS.*

The update program may have to make several passes through the SMCs in the SMC file to perform backouts and to satisfy dependencies during application. This message informs the operator of the job's progress. The pass-name is one of the following:

FRSTBOUT	First backout
NEXTBOUT	Next backout
FRSTAPPN	First application
NEXTAPPN	Next application
LASTAPPN	Last application

No action is required.

SMPU51 smc-name NOT BACKED-UP.

The named SMC cannot be backed out. This is normally due to the SMC not having been backed up when it was applied or the backup files not having been reinitialized since the SMC was applied.

If the cause for the error cannot be determined by examining the SMC log, contact your local Sperry representative.

SMPU52 TEMP BACKOUT OF smc-name IS COMPLETE.

The operator has elected to back out an SMC that shares modules with the SMC indicated. The SMC indicated is also backed out as a result, but will be reapplied during the application pass.

No action is required.

SMPU53 smc-name SKIPPED FOR REASONS ABOVE.

A prior message (normally a data management message) gives the reason for this SMC not being applied.

At the end of the run, correct the errors and rerun the job. Data management error codes are explained in Appendix E.

SMPU54 OPERATOR SPECIFIED THAT NO SMCS BE APPLIED.

The operator has specified that the current run is being made for regeneration or realignment only; therefore, no attempt is made to apply the SMCs.

No action is required.

SMPU55 BACKUP FILES HAVE BEEN INITIALIZED.

SMP/SMC backup files have been initialized. The previously applied SMCs can no longer be backed out.

No action is required.

SMPU56 PRODUCT NOT IN SYSTEM. smc-name NOT APPLIED.

The product that is changed by this SMC is not installed in the system. The SMC is not applied.

No action is required.

SMPU57 BACKOUT OF smc-name FAILED.

The operator chose to backout the indicated SMC. The reason for failure of the backout process is provided in a previous data management message.

Correct the problem and rerun the job. See Appendix E for data management error codes.

SMPU58 smc-name IS NOT REQUIRED. NOT APPLIED.

Coioumn 58 of the JOB card for the indicated SMC contains a code that indicates that the SMC has been replaced or should not be applied for other reasons. The SMC is not applied.

No action is required.

SMPU59 EXCEPTION smc-name. NOT APPLIED.

The indicated SMC is an exception SMC that will not be applied except at the specific direction of the operator at the beginning of the run. A Sperry representative should be consulted before applying such an SMC. Most users will not require this SMC.

No action is required.

SMPU60 smc-name IN BACKOUT LIST. NOT APPLIED.

The operator has included the indicated SMC in the list of SMCs to be backed out during the current run. The status of the SMC prevents it from being backed out. No attempt is made during the current run to apply it.

No action is required.

SMPU61 smc-name PREVIOUSLY REPLACED

The indicated SMC has been replaced by a subsequent SMC and will not be reapplied unless specifically directed by the operator using the EXCEPTION procedure. The SMCLIST entry for the named SMC contains the ID of the SMC that replaced it.

SMPU62 smc-name IGNORED AT OPERATOR'S REQUEST

The operator has directed that the indicated SMC not be applied. An entry has been made in the SMCLOG for this SMC that indicates its status.

No action is required.

SMPU63 WAITING FOR PRINTER

The update program has tried unsuccessfully to obtain a printer. Another attempt will be made in 30 seconds. If the update program cannot obtain a printer within 5 minutes, the job will be cancelled.

If you don't want the job to be cancelled, you can pause the job until a printer becomes available.

SMPU64 CARD 2 COLS 30-42 NON-BLANK AND NOT "// OPTION SMC"

The SMC being processed does not have the "// OPTION SMC" job control statement properly placed in columns 30 through 42 of line (card) number 2.

Correct line 2 of the SMC and rerun.

SMPU68 BACKOUT FILES DO NOT MATCH DISK REQUESTED

When using backup to an alternate disk, and the disk VSN is different from the disk VSN previously used, you must first run SMC with the B=INIT parameter to reinitialize your backup files for the new disk.

SMP000 INVALID RESPONSE

The operator returned an invalid response.

Reenter the response.

SMP001 PARAMETER CARD INPUT ERROR

An error occurred trying to read a //PARAM card.

Rerun the job. If the problem persists, contact your Sperry representative.

SMP002 PARAMETER CARD ERROR

Invalid parameter card specified in the run stream.

Correct the job stream and rerun.

SMP003 SAT LIBRARY ACCESS ERROR; FILE LFD = file

Invalid file specified in the run stream.

Correct the job stream and rerun.

SORT AF00 INVALID OPEN CALL- JOB ABORTED

The call to the sort open routine is at fault. The parameter table cannot be found. The job step is terminated immediately.

SORT AF02 SORT CAPACITY EXCEEDED-JOB ABORTED

The capacity of the sort as configured has been exceeded. The job step is terminated immediately.

SORT AF03 SORT/MERGE NOT IN LOAD LIBRARY-JOB ABORTED

The first module of subroutine sort/merge cannot be found on either the system load library or the user load library. The job step is terminated immediately.

SORT AF05 CALL OUT OF ORDER-JOB ABORTED

The sort encountered a sort call that was not in proper sequence, e.g., MR$REL after MR$SRT had been executed. The job step is terminated immediately.

SORT AF06 MODULE name NOT FOUND IN LOAD LIBRARIES

The load routine cannot locate the load module specified in any load library. The job is terminated immediately.

SORT AF07 STOR PARAMETER ERROR-JOB ABORTED

The STOR parameter is in error. The job step is cancelled immediately.

SORT AF08 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED

The amount of space in main storage required to execute the sort is not available. The job step is cancelled immediately.

Increase the memory request on the job statement and rerun the job.

SORT AF10 STOR PARAMETER ERROR-JOB ABORTED

The STOR parameter is missing. The job step is cancelled immediately.

SORT AF90 ERROR - JOB ABORTED

A fatal error has been encountered by the sort/merge and the job is cancelled.

Consult the log for the specific error; correct and rerun the job.

SORT AI33 ARE SORT // PARAMS PRESENT?

An operator response is required which indicates the presence or absence of a sort PARAM job control statement in the user job control stream.

Respond with one of the following:

Y	Sort PARAM job control statements are present in the job control stream.
N	No sort PARAM job control statements are present. Response is to any character except Y.

SORT AI86 RECORD COUNT number-records-accepted IN, number-records-deleted DELETED

The message indicates that the sort has terminated.

No operator action is required.

SORT AW01 MR$OPN EXECUTED BEFORE TERMINATION OF CURRENT SORT

A call to sort MR$OPN was issued prior to completion of the sort in progress. The call to MR$OPN is accepted and the current sort is terminated. The MR$OPN sort is established.

SORT BF01 RCSZ VALUE MISSING OR IN ERROR

The record size parameter value (RCSZ) is missing, less than 1, or greater than 32767. The job step is terminated upon completion of the initialization module.

SORT BF02 VARIABLE LENGTH RECORD BIN SIZE ERROR

The variable length record BIN size is zero, less than the RCSZ value, or less than the minimum BIN size. The job step is terminated upon completion of the initialization module.

SORT BF10 INVALID RESUME PARAMETER

An illegal specification for the RESUME parameter was encountered. The job step is terminated upon completion of the initialization module.

SORT BF11 SHARE AND RESERV ARE NOT UNIQUE SORT WORK FILES

The SHARE and RESERV keyword file names specify the same file. This is an illegal condition. The job step is terminated upon completion of the initialization module.

SORT BF15 REQUIRED PARAMETERS MISSING FOR THE SORT

A required IN, OUT, or FIN parameter is missing from the sort parameter table. The job step is completed upon termination of the initialization module.

SORT BF18 NO RETRY REQUESTED FOR TAPE OPEN

Retry of the tape open was not requested when a VOL1 or HDR1 error was encountered. The job step is terminated when initialization is completed.

SORT BF20 MISSING TAPE FILE ASSIGNMENT
The tape file specified for the SHARE or RESERV is unassigned. The job step is terminated when initialization is completed.

SORT BF21 TAPE SORT WORK FILES ASSIGNED IS LESS THAN 3
The number of tapes assigned is less than three. The job step is terminated upon completion of the initialization module.

SORT BF22 SEVEN TRACK TAPE - SPEC ERROR FOR SORT WORK FILES
The 7-track tape mode specification assignment does not indicate 800 bpi, data convert ON, or translate OFF. The mode assignment must be X'90'. The job step is terminated upon completion of the initialization module.

SORT BF36 TAPES ASSIGNED ARE HARDWARE INCOMPATIBLE
Tapes are not of the same configuration, i.e., 800 bpi mixed with 1600 bpi, or 7-track mixed with 9-track, or combinations of the above. The job step is terminated upon completion of the initialization module.

SORT BF50 INVALID SORT KEYWORD
An invalid keyword has been specified in the PARAM job control statement. The job step is terminated upon completion of the initialization module.

SORT BF51 KEYWORD IS TOO LONG OR HAS NO OPERANDS
The keyword contains too many characters or has no operands specified (in a PARAM job control statement). The job step is terminated upon completion of the initialization module.

SORT BF52 SYNTAX FORMAT ERROR ON SORT KEYWORD
The syntax of the statement as written is incorrect on a PARAM job control statement. The job step is terminated upon completion of the initialization module.

SORT BF53 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED
Main storage available for generating the sort parameter table from job control PARAM statements has been exhausted. The job step is cancelled immediately.

SORT BF61 REQUIRED VALUE OF PARAMETER SUBLIST MISSING
A required value is missing from a parameter sublist in a keyword. The job step is terminated upon completion of the initialization module.

SORT BF62 INCORRECT FIRST PARAMETER FOR RESUME
The first parameter in a param job control statement of the RESUME option is incorrect. The parameter is ignored.

SORT BF63 INCORRECT SORT FILENAME
The sort file name in a keyword sublist on a PARAM job control statement is incorrect, i.e., SMxx where xx is 01, 02,...,06. The job step is terminated when initialization is completed.

SORT BF71 SYNTAX FORMAT ERROR ON SORT KEYWORD
The syntax of the statement as written is incorrect on a PARAM job control statement. The job step is terminated upon completion of the initialization module.

SORT BF74 BAD PASS RECOVERY NUMBER
Pass recovery number is incorrect. The job step is terminated when initialization is completed.

SORT BF75 NOCKSM DEVICE INCORRECT
Only T or D may be specified for NOCKSM device. Job step is terminated upon completion of the initialization module.

SORT BF76 BIN SIZE OR VOLUME VALUE TOO HIGH
The maximum BIN size of 16383 has been exceeded or the volume value limit of 100 is exceeded. The job step is terminated when initialization is completed.

SORT BF77 INVALID DELIMITER SPECIFIED IN SORT // PARAM
An invalid delimiter is specified on a PARAM job control statement. The job step is terminated upon completion of the initialization module.

SORT BF80 // PARAM PROCESSING DISCONTINUED-KEYWORD ERROR
Fatal keyword errors have caused sort PARAM processing to stop. All param job statements will be ignored. The job step is terminated upon completion of the initialization module.

SORT BF81 INCOMPLETE USEQ KEYWORD PARAMETER
The USEQ parameter did not specify both a FROM and a TO translate table for user sequencing. The job step is terminated upon completion of the initialization module.

SORT BF82 INDEPENDENT SORT PARAM TABLE ERROR
Sort logic error. The job step is terminated upon completion of the initialization module.

SORT BF83 SORT LOGIC ERROR
Logic error in independent sort/merge. The job is terminated.

SORT BF84 SORT LOGIC ERROR
Logic error in independent sort/merge. The job is terminated.

SORT BF85 INCOMPLETE USER BLOCK LIMIT PARAMETER
Sort logic error. The job step is terminated upon completion of the initialization module.

SORT BF99 FATAL ERRORS OCCURRED DURING INITIALIZATION
Fatal errors occurred during initialization processing. The job step is terminated immediately.

SORT BW07 FIELD AND RSOC PRESENT IN PARAM TABLE
Both a user-own-code compare routine (RSOC) and descriptions of key fields are present in the parameter field. The key field descriptions are ignored.

SORT BW09 MULTIPLE RESUME PARAMETERS SPECIFIED
More than one RESUME parameter is specified. The first entry detected is processed. All others ignored.

SORT BW16 NO TAPES PARAMETER SPECIFIED
Tape-related parameters are specified, e.g., SHARE or RESERV, but no TAPES parameter is specified. The parameters are ignored by the sort. If no DISC keyword is specified, an internal sort is assumed.

SORT BW17 LABEL ERROR ON SORT WORK FILE did
Tape standard labels are specified and the VOL1 or HDR1 label is missing. The tape is positioned at load point.

Respond with one of the following:

R A new scratch tape has been mounted; retry label processing.

I The sort ignores this tape and continues initialization processing and terminates the job when initialization is completed. Any response other than R will cause the same action.

SORT BW19 TAPE did DATE UNEXPIRED

Tape standard labels are specified. The HDR1 label date of expiration has not expired; i.e., the header label date is greater than the current system date. The tape is positioned at load point.

Respond with one of the following:

R A new scratch tape has been mounted; retry label processing.

I Ignores the date discrepancy.

SORT BW23 TAPE FILES ASSIGNED IS GREATER THAN 6

More than six tapes are assigned in a tape sort. The sort assumes six tapes as the limit for sort tape work files.

SORT BW78 TAPE ERROR-NO. OF FILENAMES OR LABEL TYPE

Tape file maximum of six is exceeded, or label specification is in error. Maximum of six tapes is assumed on number of file names, or no labels are assumed, or both. Initialization continues.

SORT BW87 INVALID PRINT PARAM

Invalid print parameter specification was found. The print parameter is ignored and PRINT-ALL is assumed.

SORT CF27 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED

The amount of space in main storage required to execute the disk sort is not available. The job step is cancelled immediately. ? memory on JOB card ?

SORT CF28 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED

The amount of space in main storage required to execute the tape sort is not available. The job step is cancelled immediately.

SORT CF33 MODULE name NOT FOUND IN LOAD LIBRARIES

The load routine cannot locate the load module specified in any load library. The job step is terminated immediately.

SORT CW19 TAPE did DATE UNEXPIRED

Tape standard labels are specified. The HDR1 label date of expiration has not expired; i.e., the header label date is greater than the current date; did is the device identifier. The tape is positioned at load point.

Respond with one of the following:

R A new scratch tape has been mounted; retry label processing.

I Ignores the date discrepancy.

SORT CW98 WARNING ERRORS ISSUED-RESPOND I OR C

Warning errors have been issued during the initialization module and the operator is polled as to the continuance of the sort.

Respond with one of the following:

I The sort is to ignore the warnings and continue processing.

C The sort is to be cancelled. This response occurs for any character other than C.

Increase size of work files

SORT DF01 DISC STORAGE CAPACITY EXCEEDED
The sort disk work storage capacity has been exceeded. The job step is cancelled.

SORT EF01 EMPTY BLOCK TABLE
The table of available blocks is empty. The job step is cancelled.

SORT EF02 CHECKSUM ERROR
Same as SORT FF02 message.

SORT EF03 SORT LOGIC ERROR
Sort/merge logic error. The job is terminated.

SORT EF05 SEQUENCE ERROR
Sequence error detected in disk merge. One possible cause for the error is the use of the same file identifier (label) for two sort work files. The job is terminated.

SORT FF02 CHECKSUM ERROR
An I/O error was detected during the sorting process. One possible cause for the error is the use of the same file identifier (label) for two sort work files.

Rerun the job. If error persists, contact your Sperry customer engineer.

SORT FF03 SORT LOGIC ERROR
Sort/merge logic error. The job is terminated.

SORT FF05 SEQUENCE ERROR
Sequence error detected in disk final. One possible cause for the error is the use of the same file identifier (label) for two sort work files. The job is terminated.

SORT GF01 TAPE CAPACITY EXCEEDED
The end of the tape has been sensed. The sort tape capacity has been exceeded. The job step is cancelled.

SORT HF02 CHECKSUM ERROR
A checksum error has occurred. The job step is cancelled. The checksum error indicates that a discrepancy exists between the data written to the work file and the data read from the file, implying the possibility of a hardware error.

SORT HF03 BLOCK COUNT ERROR
A block count error has occurred. The job step is cancelled.

SORT HF04 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED
The amount of space in main storage required for the minimum number of buffers is not available. The job step is cancelled immediately.

SORT HF13 RESUME PASS ERROR
One of the following RESUME PASS errors has occurred: (1) Pass recovery number is invalid. (2) A recovery tape is not assigned. (3) The original facilities assigned to the sort are different from the current facilities assigned. (4) There is no tape available which is of the same type as the pass tape. The job step is cancelled.

SORT HF15 PASS RECOVERY ERROR

A pass recovery error has occurred in positioning the pass tapes or the recovery number is not the current recovery point. The job step is cancelled.

SORT HF18 NO RETRY REQUESTED FOR TAPE OPEN

Retry of the open error was encountered. The job step is terminated.

SORT HI11 PASS recovery-number, device-identifier.

The beginning of a tape polyphase collation pass has been encountered. A sort interrupted during the collation phase may be resumed from the most recent (last) recovery point that appears on the log. That is, by submitting a RESUME = (PASS,nnn) to the sort where nnn is the most recent recovery number typed out. Processing proceeds as normal.

SORT HI12 RESUME: MOUNT PASS recovery-number, device-identifier ON TAPE tape-identifier

The sort attempts to restart processing on receiving the appropriate operator response.

The tape identified must be mounted on the physical tape unit specified. The following response is required for this message: AP indicates the action has been performed. The sort is being resumed from the most recent pass recovery point. The pass recovery tape must be mounted on specified tape. In some instances, these will be different devices requiring a subsequent remounting.

SORT HI14 MOUNT ALL PASS TAPES ON ORIGINAL DEVICES

All sort tapes must be mounted on the devices originally assigned to the sort. If the tapes given in message HI12 are on different devices, both tapes are rewound with interlock and this message is appended with

MOUNT pass-recovery-tape

The following response is required after the tape is mounted:

AP

Sort notes the response and normal processing continues.

SORT HW17 LABEL ERROR ON SORT WORK FILE did

Tape standard labels are specified and the VOL1 or HDR1 label is missing.

Respond with one of the following according to action taken:

R A new scratch tape has been mounted; retry label processing.

I The sort ignores this tape and continues initialization processing and terminates the job when initialization is completed. Any response other than R will cause the same action.

The tape is positioned at load point, and the operator response is processed.

SORT HW19 TAPE did DATE UNEXPIRED

Tape standard labels are specified. The HDR1 label date of expiration has not expired, i.e., the header label date is greater than the current system date.

Respond with one of the following according to action taken:

R A new scratch tape has been mounted; retry label processing.

I Ignores the date discrepancy.

The tape is positioned at load point, and the operator response is processed.

SORT IF02 CHECKSUM ERROR

A checksum error has occurred. The job step is cancelled.

SORT IF03 BLOCK COUNT ERROR

A block count error has occurred. The job step is cancelled.

SORT IF04 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED

The amount of space in main storage required for the minimum number of buffers is not available. The job step is cancelled immediately.

SORT IF05 SEQUENCE ERROR

A sequence error has been detected during tape final sort. The job is terminated.

SORT IF09 PROBLEM: TWO STRINGS PER TAPE

More than one string per tape has been detected by sort/merge. The job step is cancelled.

SORT JF01 INVALID SPECIFICATION TYPE, COLUMN 6

SORT3 cannot identify the sort specification type. The specification is out of sequence in the control stream or the column 6 entry is either invalid or blank. The specification is bypassed and the job terminates after the remaining sort specifications are read.

Correct the column 6 entry and properly sequence the specification before resubmitting the job.

SORT JF05 COLUMNS 9-16 OR COLUMNS 20-27 ARE INVALID

The LOCATION entry in columns 9-16 (FACTOR 1 field) and/or columns 20-27 (FACTOR 2 field) of the record type specification is invalid for one of the following reasons:

1. The FROM LOCATION entry is greater than the TO LOCATION entry.
2. The TO LOCATION entry is zero or is omitted (blank).
3. The lengths specified for FACTOR 1 and FACTOR 2 fields are not equal.

The job terminates after the remaining sort specifications are read.

Correct the entry in columns 9-16 and/or columns 20-27 and resubmit the job.

SORT JF06 DIGIT FIELD LENGTH EXCEEDS 16

The field length specified in columns 9-16 (FACTOR 1 field) and/or columns 20-27 (FACTOR 2 field) of the record type specification cannot exceed 16 bytes when sort comparisons involve only the digit portion of the data (D entered in column 8). The job terminates after the remaining sort specifications are read.

If the digit field actually exceeds 16 bytes in length, divide the field into two or more fields and prepare new sort specifications for each; then resubmit the job.

If the field length was incorrectly defined, correct the specification and resubmit the job.

SORT JF07 CHARACTER CONSTANT - LENGTH EXCEEDS 20

The field length specified in columns 9-16 (FACTOR 1 field) of the record type specification cannot exceed 20 bytes when the FACTOR 2 field entry (columns 20-39) is defined as a constant (C entered in column 19). The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y SORT3 assumes a length of 20 bytes and continues the job. (The rightmost 20 bytes of the field length defined in the FACTOR 1 field are compared against the constant defined in the FACTOR 2 entry.)

N SORT3 cancels job.

SORT JF08 INVALID RELATIONSHIP, COLUMNS 17-18

The entry in columns 17-18 (REL) of the record type specification is invalid or omitted (blank). The job terminates after the remaining sort specifications are read. Valid relationship entries for comparing the fields defined by FACTOR 1 and FACTOR 2 entries are EQ (equal), NE (not equal), LT (less then), GT (greater than), LE (less than or equal to), and GE (greater than or equal to), unless the character Z is entered in column 8 of the specification. The Z entry refers to using only the zone portion of the data for comparisons, with only the EQ and NE entries being valid.

Correct the entry in columns 17-18 and resubmit the job.

SORT JF09 INVALID FACTOR 2 TYPE, COLUMN 19

The entry in column 19 of the record type specification is invalid or omitted. The FACTOR 2 entry, therefore, is not defined as a field location (F in column 19) or a constant (C in column 19). The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y SORT3 assumes FACTOR 2 is a constant (C in column 19) and continues the job.

N SORT3 cancels the job.

SORT JF10 UNPACKED DECIMAL-LENGTH EXCEEDS 16

The field length specified in columns 9-16 (FACTOR 1 field) of the record type specification cannot exceed 16 bytes when the sort comparisons involve unpacked decimal data (U entered in column 8). The job terminates after the remaining sort specifications are read.

Correct the entry in columns 9-16 and resubmit the job.

SORT JF11 ZONE SPECIFIED-LENGTH EXCEEDS 1

The field length specified in columns 9-16 (FACTOR 1 field) of the record type specification cannot exceed one byte when the sort comparisons involve only the zone portion of the data (Z entered in column 8). The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y SORT3 assumes a length of one byte and continues the job.

N SORT3 cancels the job.

SORT JF12 PACKED DECIMAL-LENGTHS EXCEED 8

The field length specified in columns 9-16 (FACTOR 1 field) of the record type specification cannot exceed eight bytes when sort comparisons involve packed decimal data (P entered in column 8). The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 displayed).

Respond with one of the following:

Y SORT3 assumes a length of eight bytes and continues the job. (The rightmost eight bytes of the field length defined in FACTOR 1 field are used by SORT3.)

N SORT3 cancels the job.

SORT JF13 SPECIFICATION IN WRONG LOGICAL ORDER

The sort specification is improperly sequenced in the control stream. The job terminates after the remaining sort specifications are read.

Put the sort specifications in proper sequence and resubmit the job.

SORT JF14 TO OR FROM FIELD NOT WITHIN INPUT RECORD

The TO and/or FROM LOCATION entry in the record type specification is either zero or a value that is larger than your input record length. The job terminates after the remaining sort specifications are read.

Ensure that you have the correct input file. Check the TO and FROM LOCATION entries; correct if necessary; then resubmit the job.

SORT JF15 FACTOR 1 LENGTH EXCEEDS 256

The field length specified in columns 9-16 (FACTOR 1 field) of the record type specification cannot exceed 256 bytes when sort comparisons involve both the zone and digit portion of the data (C entered in column 8). The job terminates after the remaining sort specifications are read.

SORT JF18 AND _ _ ADDRESS CURRENT/PREVIOUS CARD INVALID

The last two record type specifications read equated the input field defined by FACTOR 1 entry to two different things. Job terminates after the remaining sort specifications are read.

Correct the specifications and resubmit the job.

SORT JF19 FACTOR 1, FACTOR 2 LENGTHS ARE NOT EQUAL

The field length specified in the FACTOR 2 entry (columns 20-27) must be equal to the field length specified in the FACTOR 1 entry (columns 9-16). The job terminates after the remaining sort specifications are read.

Correct the specification and resubmit the job.

SORT JF20 FACTOR 1 OR FACTOR 2 IS GREATER THAN 4096

The field location within a record cannot exceed 4096. The job terminates after the remaining sort specifications are read.

Correct the entry in the FACTOR 1 or FACTOR 2 field and resubmit the job.

SORT JF21 CONTROL FIELD DROPPED - NO DATA SPECIFICATIONS

The control stream must contain data specifications (summary data included) when control fields are dropped during the sort. Otherwise, the output file will contain all blanks (X'40'). The job terminates after the remaining sort specifications are read.

Add data specifications to your field descriptions and/or retain control fields; then resubmit the job.

SORT JF22 WORK RECORD LENGTH TOO LARGE

The work record constructed by SORT3 exceeds the maximum length allowed.

SORT JF23 INCLUDE OR OMIT STATEMENT AFTER INCLUDE-ALL

An include and/or omit record type specification followed an include-all record type specification in your job stream. Only field description specifications should follow include-all record type specifications. The job terminates after the remaining sort specifications are read.

Do one of the following:

1. Resequence the specifications so the include-and-omit record type specifications precede the include-all record type specification; then resubmit the job.

2. Remove either the include-all record type specifications or the include-and/or-omit record type specifications that follow it; then resubmit the job.

SORT JF24 NOT A VALID INCLUDE SET

The last set of sort specifications was not a valid include set (include record type and associated field description specifications) for one of the following reasons:

1. The set was not provided; only the header specification appeared in the control stream.
2. The field description specification was not supplied as part of the set.
3. The last set was an omit set rather than an include set.

Correct the problem by providing the required include set or missing field description, or by removing the omit set in error because records are omitted by default. Resubmit the job.

SORT JF25 ILLEGAL FORCE-ALL CONTINUATION

A force-all field description (F in column 7) specifiction is misplaced (does not follow a conditional force specification). The job terminates after the remaining sort specifications are read.

Correct the specification in error and resubmit the job.

SORT JF26 FIELD STATEMENTS IN WRONG LOGICAL ORDER

A control field description (N, O, or F in column 7 of field description specification) is preceded by a data or summary field description (D or S in column 7) in the control stream. The specification is bypassed and the job terminated after the remaining sort specifications are read.

Correct the sequence of the specifications and resubmit the job.

SORT JF27 CONTROL FIELD LENGTH EXCEEDS HEADER VALUE

The accumulated length of the control fields defined in the field description specifications (columns 9-16) exceeds the control field length specified in columns 13-17 of the header specification. The job terminates after the remaining sort specifications are read.

Check both the control field lengths specified in the field description specifications and their accumulated value entered in the header specification. Correct the entries and resubmit the job.

SORT JF28 DATA LENGTH EXCEEDS HEADER VALUE

There is an error in either the output record length entry in columns 29-32 of the header specification or the LOCATION entry in columns 9-16 of the field description specifications for this SORTR or SORTRS job. The job terminates after the remaining sort specifications are read.

If the control fields are being dropped during the sort, the data length and the output record length are the same. If the control fields are being retained during the sort, the output record length is equal to the data length plus the control field length.

Check the entries in columns 9-16 of the field description specifications and recalculate the output record length. Correct the specifications in error and resubmit the job.

SORT JF29 INVALID SPECIFICATION UNLESS CONTROL FIELD DROPPED

The field description specification in error contains a normal packed or unpacked control field; or an opposite packed, unpacked, zone, or character control field which SORT3 changes to meaningless data during the sort. The job terminates after the remaining sort specifications are read.

Drop the control fields by entering an X in column 28 of the header specification. If you want to include any control fields in your output records, redefine them as data fields in your field description specifications. Resubmit the job after making all needed corrections.

SORT JF30 TOO MANY SUMMARY DATA FIELDS

Each SORTERS job is limited to a maximum of 24 summary data fields and your job has exceeded this limit.

Decrease the number of summary data fields defined in the field description specifications to 24 or less and resubmit the job.

SORT JF31 INSUFFICIENT MEMORY

The number of specifications contained in your job exceeds the amount of main storage allocated.

Allocate more main storage and resubmit the job.

SORT JF32 SORT JOB TYPE NOT SPECIFIED

The header specification does not define the type of sort (entry in columns 7-12 invalid or omitted) to be conducted or the output record length (columns 29-32). The job terminates after the remaining sort specifications are read.

Complete or correct the entries in columns 7-12 and 29-32 of the header specification and resubmit the job.

SORT JF33 CONTROL FIELD LENGTH NOT SPECIFIED

Header specification does not specify the control field length (columns 13-17 blank).

Enter the control field length in columns 13-17 of the header specification and resubmit the job.

SORT JF34 CONTROL FIELD LENGTH TOO LARGE

The control field length specified in columns 13-17 of the header specification exceeds the maximum limit of 256 bytes.

Correct control field length entry and resubmit the job.

SORT JF35 OUTPUT RECORD LENGTH TOO LARGE

The output record length for this SORTR or SORTRS job is too large. The job terminates after the remaining sort specifications are read.

Correct the entry in columns 29-32 of the header specification (but do not exceed 4096) and resubmit the job.

SORT JF36 OUTPUT RECORD LENGTH INCONSISTENT

The output record length specified in columns 29-32 of the header specification is not consistent with the field lengths defined in the field description specifications. (For SORTR and SORTRS jobs in which control fields are retained, the output record length should not be less than the control field entry (columns 13-17).

Recompute the output record length, enter the corrected value in columns 29-32, and resubmit the job.

SORT JF37 INVALID NUMBER IN CONTROL FIELD

The entry in columns 13-17 of the header specification is either a nonnumeric character or an embedded blank. The job terminates after the remaining sort specifications are read.

Correct the entry in columns 13-17 and resubmit the job.

SORT JF38 INVALID NUMBER IN OUTPUT RECORD LENGTH

The entry in columns 29-32 of the header specification is either a nonnumeric character or an embedded blank. The job terminates after the remaining sort specifications are read.

Correct the entry in columns 29-32 and resubmit the job.

SORT JF39 INVALID ALTERNATE SEQUENCE STATEMENT

The specification immediately following the header specification in your control stream is not a valid ALTSEQ specification.

If the specification in error does not belong to the job, remove it from the control stream. If it does belong to the job, correct it and place it in its proper sequence in the control stream.

If ALTSEQ specifications are not to be included for this job, remove the S entered in column 26 of the header specification and make certain that ALTSEQ specifications do not appear in the control stream.

If ALTSEQ specifications are to be included for this job, make certain that they are properly coded (ALTSEQ△△ entered in columns 1-8 of the specification) and properly positioned in the control stream.

Resubmit the job after all corrections have been made.

SORT JF40 ALTSEQ STATEMENT HAS INVALID DATA

One of the data groups (columns 9-12, 13-16, etc.) specified in the ALTSEQ specification does not contain a valid hexadecimal value. SORT3 flags the columns in error (* in line printed above the message) and terminates the job after the remaining sort specifications are read.

Correct the ALTSEQ specification in error and resubmit the job.

SORT JF41 UNEXPECTED END-OF-FILE FOUND

No sort specifications follow the ALTSEQ statements in the control stream. SORT3 does not have sufficient input information to perform a sort. The job ends immediately. The remaining sort specifications are not read or validated.

SORT JF42 INVALID CONTINUATION, COLUMN 7

An invalid character entered in column 7 of the record type specification for this include or omit set. Valid characters are A, O, or blank (SORT3 assumes O when column 7 is blank; see SORT JW25). Specification is bypassed and the job terminates after the remaining sort messages are read.

Correct column 7 entry and resubmit the job.

SORT JF43 INCLUDE OR OMIT AFTER IMPLIED INCLUDE-ALL

Include or omit record type set following an implied include-all sort specification is in error. SORT3 assumes that all records of your input file are to be included in the sort whenever the header specification is immediately followed by a field description specification. In this situation, additional include or omit record type specifications are not permitted to follow the field description specification.

Remove the include or omit set and resubmit the job.

SORT3 JF44 INPUT FILE TYPE INVALID: input-file-id

The specified input file type is invalid. The job is terminated.

Correct the input file type and rerun.

SORT3 JF45 NO CDI OR DTF BEING GENERATED

The system has received no indication that the CDI or DTF has been generated. The job is terminated.

SORT3 JF46 WORKSTATION HARDWARE ERROR

A hardware error has occurred in the workstation. The job is terminated.

SORT3 JF47 WORKSTATION OPEN ERROR

A faulty attempt was made to open the workstation file. This is a nonrecoverable system error. The job is terminated immediately.

SORT3 JF48 WORKSTATION CLOSE ERROR

A faulty attempt was made to close the workstation file. The job is terminated.

SORT JI01 WARNINGS ISSUED - IS SORT TO CONTINUE? Y OR N

Errors were detected during the reading and validating of your sort specifications. In order to continue validation of the remaining sort specifications in the control stream, SORT3 has made certain assumptions concerning these errors. If the assumptions made are acceptable, you can allow the sort to continue by replying Y. If the assumptions made are unacceptable, you can cancel the sort by replying N.

SORT JW01 ZONE SPECIFIED-FACTOR 2 IS NOT A CONSTANT

A zone (Z) is specified in column 8 of the record type specification, but column 19 does not contain a C (comment) entry. SORT3 bypasses the specification, and the job terminates after the remaining sort specifications are read.

Correct the statement in error and resubmit the job.

SORT JW02 P OR U FACTOR 1 USED WITH ALTSEQ

Record type specification specified a packed (P) or unpacked (U) FACTOR 1 field (columns 9-16) while header specification specified an alternate collating sequence (S) in column 26. It is possible that the sort will not include or omit specific record types due to changes that the ALTSEQ specifications made to the FACTOR 1 field.

Correct the specification entry in error and resubmit the job.

SORT JW03 INVALID C/Z/D/P/U/V SPECIFICATION, COLUMN 8

Allowable column 8 entries for specific sort specification types are as follows:

C,Z,D,P, or U	Include or omit record type specifications. Control field description specifications
C,Z, or D	Force control field specification (SORT3 assumes C for an unconditional force or a force-all specification.)
C,Z,D,U,P, or V	Data field or summary field specification

If column 8 is blank, SORT3 assumes C as the entry.

Correct the entry in column 8 and resubmit the job.

SORT JW04 ZONE OR V FIELD-LENGTH EXCEEDS 1

The field description specification in question is either a zone (Z in column 8) or a V (V in column 8) field type that should have a length of one byte. However, the field length calculated from the entry in columns 9-16 for this specification exceeds the 1-byte limit. The job halts after the remaining sort specifications are read and the operator is queried whether to continue or cancel the job.

Reply with one of the following:

Y	SORT3 continues the job.
N	SORT3 cancels the job.

SORT JW05 INVALID FIELD TYPE SPECIFICATION, COLUMN 7

Column 7 of the field description specification contains an invalid entry; valid entries are F,N,O,D, and S. SORT3 assumes an entry of N if there are no previous data or summary data field descriptions. Otherwise, D is assumed. Job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y	SORT3 continues the job.
N	SORT3 cancels the job.

SORT JW06 CONTROL FIELD LENGTH LESS THAN HEADER VALUE

The accumulated length of control fields specified for this include set (columns 9-16 of the field description specification) is less than the control field length entered in columns 13-17 of the header specification. The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y	SORT3 continues the job.
N	SORT3 cancels the job.

SORT JW07 SPECIFICATIONS IN WRONG NUMERICAL ORDER

The specification in error is numbered lower than the preceding specification. SORT3 ensures that the specifications are in ascending order. The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW08 MORE THAN ONE SUMMARY V FIELD IN INCLUDE SET

The include set in error specifies more than one summary V field (FSV in columns 6-8 of field description specification). The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Respond with one of the following:

Y SORT3 assumes this specification is a data V field (FDS) and continues the job.

N SORT3 cancels the job.

SORT JW09 SUMMARY V OR DATA FIELD INCONSISTENT

Any of the following differences may exist between the summary data field description in question and the first include set containing summary specifications for this SORTRS job:

- Length of summary fields
- Relative location of the specification within the output record
- Substitution character of this specification

The job halts and the operator is queried whether to continue or cancel the job.

Respond with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW10 NUMBER OF SUMMARY FIELDS INCONSISTENT

The total number of summary field description specifications for this include set differs from the first include set containing a summary field description. The summary specification processed first formed the summary output records. The job halts and the operator is queried whether to continue or cancel the job (SORT JI01 message displayed).

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW11 NO SUMMARY SPECIFICATIONS FOUND-SORTRS JOB

The header specification specified a summary sort job (SORTRS) but no summary data field specifications are provided for the job. SORT3 therefore eliminates from the output all records with duplicate control fields.

Correct job type on header specification or provide summary data field specifications; then resubmit job.

SORT JW12 SUMMARY SPECIFICATIONS FOUND - SORTR JOB

SORT3 found a summary data field specification (FS in column 6,7) in the control stream for a tag sort (SORTR). SORT3 treats all summary specifications as data specifications for SORTR job.

Correct the sort type in columns 7-12 of the header specification or the field description specification in question, or remove the field description specification if it is not applicable; then resubmit the job.

SORT JW13 NVALID SORTRS SPECIFICATION - COLUMNS 20, 21, 22

The overflow field length in columns 20-22 is invalid, not right-justified, or less than the field length given in columns 9-16 of the field description specification. SORT3 assumes no entry in columns 20-22. The job halts and the operator is queried whether to continue or cancel the job.

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW14 SAME SPECIFICATION TYPE ASSUMED, COLUMN 6

Column 6 of the specification in question has a blank, so the specification type is not known. However, column 7 contains an A or O. The previous specification was either an include or omit record type specification (I or O in column 6). SORT3 assumes this is also a record type specification identical to that of the previous specification (I or O). The job halts and the operator is queried whether to continue or cancel the job.

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW15 PRINT OPTION ASSUMED TO BE 0

The print option in your header specification is not blank, 0, 1, 2, or 3. It is assumed to be 0. The job continues.

SORT JW16 SORT JOB ASSUMED TO BE SORTR

The header specification does not identify the job type as SORTA, SORTR, or SORTRS. Because an output record length is specified, SORTR is assumed. The job continues.

Ensure that a SORTR job was wanted. To avoid this error the next time the job is run, fill in columns 7-12 of the header specification properly.

SORT JW17 ASCENDING SEQUENCE ASSUMED A, COLUMN 18

Column 18 of your header specification does not contain a D entry for a descending sequence or an A entry for an ascending sequence. SORT3 assumes you want ascending sequence. The job halts and the operator is queried whether to continue or cancel the job. (The SORT JI01 message is displayed.)

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW18 OUTPUT OPTION ASSUMED X, COLUMN 28

Column 28 of the header specification does not contain either an X or a blank. SORT3 assumes you want an X in column 28 and continues to the job. The job halts and the operator is queried whether to continue or cancel the job. (The SORT JI01 message is displayed.)

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW19 OUTPUT RECORD LENGTH NOT SPECIFIED

The output record length for this SORTR or SORTRS job is not specified on the header specification. The job terminates after the remaining sort specifications are read.

Enter an output record length in columns 29-32 of the header specification and resubmit the job.

SORT JW20 VERIFY OPTION ASSUMED BLANK, COLUMN 34

Column 34 of the header specification does not contain an N or a blank. SORT3 continues the sort and assumes that column 34 should be blank. Therefore, any writes to the work file are verified.

If all writes to the work file should not be verified, code an N in column 34 and rerun the job.

SORT JW21 ALTERNATE COLLATING SEQUENCE ASSUMED

Column 26 does not contain an S or a blank. SORT3 assumes you want an alternate collating sequence and continues the job. Operator is queried whether to continue or cancel the job. (SORT JI01 message is displayed.)

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW22 MISSING THE ** STATEMENT

SORT3 has read the ALTSEQ statements specified in column 18 of the header specification. An ** (columns 1-2) statement must follow the last ALTSEQ statement that precedes your include/omit/file sort specifications (I/O/F in column 6). However, the specification in question is an I/O/F statement. SORT3 assumes an ** statement should be before the I/O/F statement.

Place an ** before the I/O/F statement before rerunning the job.

SORT JW23 NO VALID ALTSEQ STATEMENTS FOUND

ALTSEQ was specified on the header specification, but SORT3 cannot find any valid ALTSEQ statements. There will be no alternate collating sequence for this job; processing continues. The operator is queried whether to cancel or continue the job. (SORT JI10 message is displayed.)

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW24 BLANK CONTINUATION ASSUMED, COLUMN 7

The specification in question is the first in an omit or include set. However, it contains a nonblank character in column 7. A blank was expected. SORT3 ignores the nonblank character and processes the statement as though column 7 were blank.

Correct the statement before the next job run.

SORT JW25 OR CONTINUATION ASSUMED, COLUMN 7

The specification in question is part of an include or omit set. It should contain an A (AND) or O (OR) in column 7. However, column 7 is blank. SORT3 assumes you want an O in column 7. The operator is queried whether to continue or cancel the job. (The SORT JI10 message is displayed).

Reply with one of the following:

Y SORT3 continues the job.

N SORT3 cancels the job.

SORT JW26 OUTPUT FILE TYPE INVALID, DEFAULT TO IRAM FILE

An unacceptable output file type was specified. An IRAM file type is assigned by default.

SORT MF01 STRING OR RECORD COUNT ERROR

The module did not receive one string or the record input count does not equal the record output count. The job step is cancelled.

SORT MF02 INSUFFICIENT MEMORY FOR THE SORT - JOB ABORTED

The main storage available for execution is less than the minimum required to perform the job. The job step is terminated immediately.

If the job is vital, cancel other jobs being executed to obtain more main storage; otherwise, rerun the sort when the system has fewer other jobs running.

SORT MF10 MOUNT USER RESERVE FILE ON did

User has specified a sort reserve file. The operator should mount the user tape on device did, and reply with AP when the action has been taken. Tape did is rewound.

SORT MI00 END OF SORT

The sort program has come to a normal termination.

No operator action is required.

SORT MI00 RECORDS IN number-records-accepted RECORDS DELETED number-records-deleted

The message indicates that the sort has terminated.

No further action is required.

SORT PF02 SEQUENCE ERROR

Merge has encountered a record which is out of sequence. The job is terminated.

SORT QF01 FILE TYPE FOR DM0x IS NOT DISC

DM0X (x is 1-8) was defined by an LFD job control statement, but was not assigned to a disk. The job step is terminated immediately.

SORT QF02 MIXED DISK TYPE ASSIGNED TO DMOx

Disk types assigned as sort work files must be the same type (i.e., all sectorized or all nonsectorized). Mixed disk types were assigned to work file DMOx (x is 1-8). The job step is terminated immediately.

Reassign work files of the same type and rerun the job.

SORT QF03 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED

The amount of space in main storage required to execute the disk sort is not available. The job step is cancelled immediately.

SORT QF05 SORT LOGIC ERROR

Sort/merge logic error. The job is terminated.

SORT QF06 RESUME SPECIFIED FOR A DISC ONLY SORT

REDO or RESUME keyword parameter was specified for a disk-only sort. The job step is terminated after the initialization module is completed.

SORT QI07 ESTIMATED SORT TIME _ _ _ _ MINUTES

The CALCAREA or CALC option has been specified and the estimated sort time is displayed.

SORT QI08 REQUIRES nnnn CYLINDERS OF DISC WORK SPACE

The emulator has calculated disk space requirements for your sort in response to CALCAREA option specified in sort specifications.

No response required - information provided can be used for specifying disk space allocation.

SORT QI09 CALCAREA SPECIFIED - IS SORT TO CONTINUE? Y OR N

This message is the result of the CALC=YES option specification.

A Y response allows the sort to proceed with sorting the data; an N causes the job to be terminated.

SORT QW02 NO DISC FILES ASSIGNED

No disk files were assigned through job control, although disks were specified in the parameter table. No disks are used.

SORT RF01 KEY FIELD DESCRIPTIONS MISSING OR INCORRECT

The key field descriptions are missing or the field order numbers are incorrect. Key field descriptions are processed by order number, i.e., 1, 2,...,n. The job step is terminated after the initialization module is completed.

SORT RF02 MISSING KEY FIELD

The key field is not contained within the record size (RCSZ) or, for variable-length records, the key field is not contained within the BIN size. The job step is terminated after the initialization module is complete.

SORT RF03 INVALID KEY FORMAT

The key field format designation is invalid. Probable cause is incorrect statement structure. The job step is terminated after the initialization module is completed.

SORT RF04 BOTH USQ PARAM AND USEQ KEYWORD NOT SPECIFIED

Both USQ on PARAM job control statement and USEQ must be specified. The job step is terminated after the initialization module is completed.

SORT RF05 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED

Space in main storage was exhausted in generating the comparison routine, tag build routine, or data conversion routine. The job step is cancelled immediately.

SORT RF06 IMPROPER KEY LENGTH

The field length specification for a decimal key field (PD or ZD) exceeds 32 characters, or the field length specification for a leading or trailing sign key (CSL, CST, ASL, or AST) is less than two characters. The job step is terminated after the initialization module is completed.

SORT SF02 FATAL ERRORS OCCURRED DURING INITIALIZATION

Fatal errors occurred during initialization processing. The job step is terminated immediately.

SORT SF03 EXCESS CONTINUATION CARDS

More than 19 continuation cards were read by the sort. The job step is cancelled.

SORT SF04 NO sort-opcode CARD

An essential control statement has been omitted. The essential control statements are:

1. Sort or merge
2. Record

The job step is cancelled at the end of the initialization phase.

SORT SF05 STATEMENT DEFINER ERROR

The first of a noncontinuation card image is an invalid statement definer; i.e., the field does not contain SORT, MERGE, RECORD, MODS, INPFIL, OUTFIL, OPTION, or END. The job step is terminated upon completion of the initialization phase.

SORT SF06 DUPLICATE sort-opcode CONTROL STATEMENT

The sort/merge has encountered duplicate control statement definers. The job step is terminated upon completion of the initialization phase.

SORT SF07 COLUMN 1 OR COLUMNS 1-15 ARE NOT BLANK

Column 1 of a control statement or columns 1-15 of a continuation statement are not blank. The job step is terminated upon completion of the initialization phase.

SORT SF09 sort-opcode OPTION INVALID

The sort-opcode keyword parameter on the OPTION control statement is not valid for this job. Default options for the storage and print keyword parameters are used. All other options are ignored.

SORT SF10 INVALID KEYLEN KEY LENGTH

The KEYLEN keyword parameter on the OPTION control statement is less than 0 or greater than 256. The job step is terminated upon completion of the initialization phase.

SORT SF11 ILLEGAL sort-opcode KEYWORD SPECIFIED

An invalid or duplicate keyword has been encountered in the sort control statement identified by the specified opcode. The job step is terminated upon completion of the initialization phase.

SORT SF13 KFxx DISPLACEMENT INVALID

where:

xx

Is the order number of the key field.

The value assigned to P in the FIELDS parameter of a SORT or a MERGE statement is not greater than zero. The job step is terminated upon completion of the initialization module.

SORT SF14 INPFIL KEYWORD MISSING

Tape input requires that both record size and block size be specified.

Specify record and block size and rerun.

SORT SF16 KFxx SEQUENCE INVALID

The value assigned to S in the FIELDS parameter is neither an A nor a D. The job step is terminated upon completion of the initialization module.

SORT SF17 BOTH SORT AND MERGE DEFINED

The SORT and MERGE control statements are specified for the same job. The job step is terminated upon completion of the initialization module.

SORT SF18 sort-opcode keyword KEYWORD MISSING

A required keyword parameter which has no default value has been omitted. The job step is terminated upon completion of the initialization module.

SORT SF19 MISSING FORMAT OR SEQUENCE CODE

A format or sequence code has been omitted from the FIELDS keyword parameter. The job step is terminated upon completion of the initialization module.

SORT SF20 sort-opcode keyword VALUE SIZE INVALID AND IGNORED

The value assigned to the keyword is not numeric or is invalid. The value is ignored.

SORT SF26 INVALID PHx NAME

An invalid phase name has been encountered:

where:

x

Is a phase number 1, 3, 6, 7, or 8.

The job step is terminated upon completion of the initialization modules.

SORT SF28 INVALID PHx EXIT

Sort initialization has encountered an invalid exit specification. The job is terminated. Correct the MODS control statement and rerun.

SORT SF29 ERR IN LENGTH VALUE

An inconsistency has been detected among the specified length values in the RECORD statement, or in the block size of the INPFIL or OUTFIL statements. The job step is cancelled after the initialization phase.

SORT SF30 Lx VALUE INVALID

A length specified in the RECORD statement is not a valid number. The job step is cancelled after the initialization phase.

SORT SF31 RECORD TYPE INVALID

A TYPE keyword value of other than F, V, or D has been found in the RECORD statement. The job step is terminated upon completion of the initialization module.

SORT SF32 ALTERED RECORDS REQUIRE EXIT E15/E35

The RECORD statement specified that record length alterations were being performed, but the MODS statement did not specify E15 or E35, which are the exits that allow record length modification. The job step is cancelled upon completion of the initialization module.

SORT SF33 sort-opcode BLOCK SIZE NOT SPECIFIED

The block size is not specified for either the INPFIL or OUTFIL control statements. The block size is assumed to be equal to the record size for fixed-length records or to the maximum record size plus four bytes for variable-length records.

SORT SF34 RECORD CONFLICTS WITH sort-opcode BLKSIZE

The block size specified in the INPFIL or OUTFIL control statement is not consistent with the record length specifications in the RECORD control statement. xxxxx is a statement definer; either INPFIL or OUTFIL is applicable. The job step is terminated upon completion of the initialization module.

SORT SF37 SYNTAX ERROR: sort-opcode

A syntax error has been detected in the identified control statement. Examples of syntax errors are: (1) unbalanced or missing parentheses (2) missing commas (3) embedded blanks, etc. The job step is cancelled upon completion of the initialization module.

SORT SF47 EXIT Exx NOT GIVEN FOR NONSTANDARD LABELS

Exits E11 and/or E31 were not specified for nonstandard label processing. The job step is terminated upon completion of the initialization module.

SORT SF55 TOO MANY sort-opcode keyword POSITIONAL PARAMETERS

Too many positional parameters appear in the specified keyword. The job step is terminated upon completion of the initialization module.

SORT SF56 MIXED DEVICE ASSIGNMENT: input-file-id

All sort input files are not the same type of device. The input-file-id identifies the inconsistent file. The job step is terminated upon completion of the initialization module.

SORT SF57 INVALID DEVICE TYPE: input/output-file-id

The device type is invalid for the input/output file specified. The job step is terminated upon completion of the initialization module.

SORT SF61 SORTIN / EXIT 15 MISSING

The input file cannot be defined for one of the following reasons:

1. SORTIN is not assigned.
2. No exit to user own code has been specified.

The job step is cancelled after the initialization phase.

SORT SF62 NOCKSM DEVICE INCORRECT

The one character code for the NOCKSM keyword is not a D or T. The job is terminated upon completion of the initialization module.

SORT SF63 NUMERIC FIELD CONTAINS NON-NUMERIC CHARACTER

Scan of sort control statement has found nonnumeric character in a numeric field. The job step is cancelled after the initialization phase.

SORT SF64 ILLEGAL keyword KEYWORD SPECIFIED

Control statement shown has an illegal keyword specified (probably a keypunch error). The job step is cancelled after the initialization phase.

SORT SF70 OUTPUT PARTITION NUMBER NOT BETWEEN 1 AND 7

The partition specified to receive the output file is not a valid partition number. The job step is cancelled after the initialization phase.

SORT SF71 OUTPUT FILE CANNOT BE ASSIGNED

The output file cannot be defined for one of the following reasons:

1. The partition size is not specified for multiple partitioned files.
2. SORTIN is not assigned when no exit is specified for a user own-code input routine.
3. The input file cannot be found (LBL incorrect).

The job step is cancelled after the initialization phase.

SORT SF72 SORTOUT IS NOT ASSIGNED

The output file has not been assigned to a specific device. The job step is terminated.

SORT SF75 SPECIFIED REC/BLK SIZE INVALID

The record and/or block size specified in your file description does not agree with the record and/or block size of the file being processed.

Correct the specification and rerun the job.

SORT SF90 WORKSTATION HARDWARE ERROR

A hardware error has occurred in the workstation. The job is terminated.

SORT SF91 WORKSTATION OPEN ERROR

A faulty attempt was made to open the workstation file. This is a nonrecoverable system error. The job is terminated immediately.

SORT SF92 NO CDI OR DTF BEING GENERATED

The system has received no indication that the CDI or DTF has been generated. The job is terminated.

SORT SF93 INVALID INPUT FILE: input-file-id

The specified input file is invalid. The job is terminated.

Correct the input file type and rerun the job.

SORT SF99 MODULE name NOT FOUND IN LOAD LIBRARIES

The load routine cannot locate the load module specified in any load library. The job step is terminated immediately.

SORT SW09 option OPTION INVALID
The specified option is invalid and is ignored.

The sort will continue.

SORT SW21 FILES VALUE INVALID
The value assigned to the FILES keyword parameter is not within the permitted range. The maximum value is assumed (14 for work or tape, 8 for disk, 9 for files on a sort, or 8 for files on a merge).

SORT SW22 FILES VALUE MISMATCH
The number of assigned input files does not match the value specified for the FILES keyword parameter.

Correct specification and rerun.

SORT SW24 PH1 EXITS IGNORED BY MERGE
Exits for phase 1 are specified by the user for a merge. The exits are ignored.

SORT SW25 EXIT E32 OR E38 IGNORED BY SORT
Exits E32 and E38 were specified for a sort. The exits apply only to a merge and are ignored.

SORT SW98 TAPE FILES ASSIGNED IS GREATER THAN 6
The maximum of six tape files has been exceeded for this job step. A maximum of six tape files is assumed and processing continues.

SORT UF06 MODULE name NOT FOUND IN LOAD LIBRARIES
The user exit routine was not found in the load library, or a required sort module is missing. Probable error in spelling of module name on MODS card. The job step is terminated immediately.

SORT UF15 INVALID EXIT PARAM RETURN CODE
The exit 15 parameter specification is invalid. (Code was not 0, 4, 8, or 12.) The job step is terminated immediately.

SORT UF35 INVALID EXIT PARAM RETURN CODE
The exit 35 parameter specification is invalid. (Code was not 0, 4, 8, or 12.) The job step is terminated immediately.

SORT VF06 MODULE name NOT FOUND IN LOAD LIBRARIES
The user exit routine was not found in the load library, or a required sort module is missing. Probable error in spelling of module name on MODS card. The job step is terminated immediately.

SORT VF07 INSUFFICIENT MEMORY FOR THE SORT-JOB ABORTED
The amount of space in main storage required to execute the merge is not available. The job step is cancelled immediately.

SORT VF15 INVALID EXIT PARAM RETURN CODE
The exit parameter specification is invalid. (Code was 0, 4, 8, or 12.) The job step is terminated immediately.

SORT WF05 SEQUENCE ERROR
An out-of-sequence condition has been found. The job is terminated.

SORT WF06 STRING ENTRY ERROR

The end-of-string entry is an invalid value. The job step is cancelled.

SORT WF07 INTERNAL SORT CAPACITY EXCEEDED

The user program has exceeded the capacity of an internal-only sort; i.e., too many records have been released to the sort. Tape or disk storage is needed. The job step is cancelled.

If a disk or tape sort is being run, check JCL for misspelling of file names.

SORT WF08 VARIABLE LENGTH RECORD SIZE TOO LARGE

The size of a variable-length record released to the sort is larger than the maximum record length specified via RCSZ. The job step is cancelled.

SORT XF06 MODULE name NOT FOUND IN LOAD LIBRARIES

The user exit routine was not found in the load library, or a required sort module is missing. Probable error in spelling of module name on MODS card. The job step is terminated immediately.

SORT XF15 INVALID EXIT PARAM RETURN CODE

The exit parameter specification is invalid. (Code was not 0, 4, 8, or 12.) The job step is terminated immediately.

SRP00 === OS/3 SAMRPT STARTED

Indicates that the execution of the SAMRPT program has begun.

This is an informational message.

SRP01 %%% OPEN ERR: code

Indicates that an attempt to open the physical SAM data file (LFD SAMIN) failed because of the reason specified by the error code. Appendix H lists the error code explanations and recovery procedures.

SRP02 %%% I/O ERR: code

An I/O error was detected while attempting to read the SAM data file because of the reason specified by the error code. Appendix H lists the error code explanations and recovery procedures.

SRP03 %%% SAMRPT ABENDED: code

The SAMRPT program has been abnormally terminated because of the reason specified by the error code. Appendix H lists the error code explanations and recovery procedures.

SRP04 === SAMRPT COMPLETED

The SAMRPT program has terminated normally.

This is an informational message.

SRP05 %%% PARAM ERR @ CHAR n

A parameter error was detected either at or following the character position shown by n. If n=1, the parameter keyword is in error. If n $\geq$5, a parameter field is in error.

Correct the parameter in error and rerun the job.

SRP06 %%% PARAM ERR: DVC/HIS=LIMIT

This message is produced when attempting to define more than four devices (DVC) or histogram types (HIS) to be produced. The previously specified four definitions are retained; however, until reset or terminated, this error will be repeated for all subsequent DVC/HIS requests.

This is an informational message.

SRP07 %%% SFL# n OPEN ERR: code

An error was detected while trying to open the specified subfile (n) because of the reason specified by the error code. Appendix H lists the error code explanations and recovery procedures.

SRP08 === SFL# n OPENED - DATA FROM OS/3 - xx ON yyyyyy AT zz:zz

The specified subfile (n) has been opened. This message includes the OS/3 version (xx), the date of creation (yyyyyy), and the time of creation (xx:xx).

This is an informational message.

SRP09 %%% TME=NOT IN RANGE FOR SFL# n

An invalid time range for the currently opened subfile was specified.

Check the subfile specification and the TME parameter and rerun the job.

SRP10 %%% HIS LIMIT OF n REACHED

All histogram data was exhausted after printing n histogram lines.

This is an informational message.

SRP11 %%% NO SFL# n - LAST= SFL# m

The subfile requested (n) does not exist. Here, m is the last subfile created.

Correct the subfile specification and rerun the job.

SRP12 %%% TME= IGNORED DUE TO SFL ERR

Because of a previous subfile open error, the time specified in the TME parameter cannot be processed.

Rerun the job.

SRP13 === SAM RECORD DELAYED AT hh:mm:ss (HRS) FOR xxx.x (MIN)

The SAM interval was delayed beyond the specified recording interval.

where:

hh:mm:ss
Is the end time in hours, minutes, and seconds of the specified recording interval.

xxx.x
Is the time in minutes that the interval was delayed beyond the specified recording interval.

This is an informational message.

SRP14 %%% NO RPT/HIS SET

An action was requested but both the report and histogram parameters have been set to NO.

Correct the parameters in error and rerun the job.

SRP15 === SAM RECOVERY PERFORMED

Recovery operations were performed on the specified SAMIN file.

This is an informational message.

SRP16 %%% NO DATA TO REPORT

No data, either class or trace, was found to be reported per specification. The most common example of this error is requesting a report or histogram for a class of data that was not monitored.

SRP17 %%% SFL= INVALID, 0 USED

A specific subfile number was used when entering RV SAMRPT. Since only SFL=ALL or SFL=LST are valid, the routine defaulted to subfile 0 and the specified subfile was not processed.

Rerun the routine using SFL=ALL or submit a batch SAMRPT job control stream specifying the specific subfile number.

SRP18 %%% TRACE DATA ERROR

An error was encountered in processing the trace data per user specification.

Rerun the report using report defaults. If the error persists, the data content of the subfile is suspect.

SRP19 %%% JOB jobname NOT FOUND

The start event for the job named on the JOB parameter has not been found in the currently opened subfile.

Examine the job log to determine if the correct job was supplied.

SRP20 %%% REPORT TIME .LE.ZERO

The requested report has not been produced, since the elapsed time for the report is less than or equal to zero.

Verify the times for the data file in directory listing. There may be a file with zero time.

SRP21 %%% DVC NOT FOUND

The report for the specified device was not produced because the specified device was not found in the device table associated with the currently opened subfile.

Check the device ID in the DVC statement. Correct and retry.

SRP22 %%% NOT TRACE DATA SUBFILE

The requested report was not produced, because the currently opened subfile does not contain trace data.

Check the subfile number and type. Correct and retry.

SRP23 %%% NO SUBFILE OPEN

No subfile was specified for an input parameter such as LST=DVC or LST=JOB.

Specify a subfile to OPEN with the SFL=n parameter preceding the parameter in error.

SS010 BAD USERID FOUND
A problem was encountered processing the user profile associated with the USERID.

Check with the security administrator for help.

SS011 LOGON ACCEPTED
Security logon services has accepted the logon.

This is an informational message. No action is required.

SS012 BAD PASSWORD FOUND
The password presented is either syntactically incorrect or does not match the password stored in the user profile.

Reenter the logon with a correct password.

SS013 BAD ACCOUNT NUMBER FOUND
Either an account number was not specified when one was expected or the account number given does not match any of the ones stored in the user profile.

Reenter the logon with a correct account number.

SS014 TERMINAL IS UNAVAILABLE
The terminal requested is waited or already in use by someone else.

Reenter the logon at a later time or see the security administrator.

SS015 NEW PASSWORD IS NOT ACCEPTED
The new password specified is either less than four characters long, uses illegal characters, or is the same as the current password.

Either choose another password or correct the one specified and logon again.

SS016 INTERNAL ERROR FOUND IN SECURITY LOGON
An inernal error was found that prevents the further processing of the logon.

Take a system dump and contact your Sperry representative.

SS017 NO MEMORY AVAILABLE - TRY AGAIN LATER
Dictionary services could not obtain enough memory to support security logon services.

Wait until memory frees up and try logon again.

SS018 EXECUTION PROFILE NAME NOT ACCEPTED OR FOUND
The name specified as the execution profile is either syntactically incorrect or not found in the user's access list.

Correct the spelling of the execution profile name and logon again.

SS019 SECURITY CONTROL AREA CORRUPTED
The security control area has been corrupted. A gradual system shutdown is in progress. No new interactive users may logon.

The system must be IPLed again.

SS020 TERMINAL STATUS TABLE IS FULL - LOGON REFUSED
The terminal status table was not generated with enough entries. Logons are refused until an entry is free.

Retry LOGON or SET TERMINAL later.

SS021 THE SPECIFIED PRIVILEGE AND TYPE DO NOT MATCH
Incorrect PRIVILEGE and TYPE have been specified for an object.

Reenter the command with the correct PRIVILEGE and TYPE.

SS022 WARNING: GRANTEE ALREADY HAS PRIVILEGE
The grantee's access list already has the specified privilege.

No action required.

SS023 ILLEGAL COMBINATION OF PARAMETERS, PROFILE & ALL
If PROFILE is specified, ALL should either be NO or not specified. If ALL=YES, PROFILE must not be specified.

Reenter the command with the correct combination.

SS024 THE SPECIFIED USER-ID DOES NOT EXIST IN DICTIONARY
The user's access list does not exist in the dictionary. The user must log off.

Check with the security administrator.

SS025 THE COMMAND ISSUER DOES NOT OWN THE OBJECT
The user must own the object (e.g., terminal-id) before granting privileges to it.

The system automatically logs off user.

SS026 ILLEGAL GRANTING OF OWNERSHIP TO ALL USERS
Ownership can be granted to only one user.

Reenter the command with ALL=NO.

SS027 NO USER PROFILE IN DICTIONARY
No user profile exists in the dictionary.

Inform the security administrator.

SS028 ILLEGAL GRANTING OF OWNERSHIP OF TERMINAL_ID
The ownership of TERMINAL_ID can be granted only to the security administrator.

Reenter the command with the correct parameter.

SS029 ILLEGAL GRANTING OF A PRIVILEGE TO EXECUTION PROFILE
Only the security administrator can grant a privilege to EXECUTION PROFILE.

Reenter the command with the correct parameters.

SS030 ILLEGAL GRANTING OF A PRIVILEGE TO TERMINAL_ID
When TYPE=TERMINAL_ID, both READ and WRITE privileges must be specified by specifying ALL_PRIVILEGES.

Reenter the command with the correct parameters.

SS031 ACCESS LIST IS FULL
The number of access list entries must be less than or equal to 500.

Use the REVOKE command to physically delete entries in the access list.

SS032 WARNING: REVOKEE ALREADY DOES NOT HAVE PRIVILEGE
The revokee from whom a privilege is being revoked already does not have a privilege.

No action is required.

SS041 ILLEGAL DEFAULT EXECUTION PROFILE NAME
The format of an execution profile name is "project-id*name". The asterisk must be specified if the optional project-id is specified. The project-id may contain 1 to 6 characters; name may contain 1 to 32 characters. Both project-id and name must begin with an alphabetic character followed by alphanumeric characters. Name may also contain a dash (-).

Correct the execution profile name and reenter.

SS042 ILLEGAL ACCOUNT NUMBER: _ _ _ _
An account number may contain 1 to 4 alphanumeric characters and dashes (-) in any combination.

Correct and reenter.

SS043 DEFAULT EXEC PROF NOT IN YOUR ACCESS LIST . . . ILLEGAL
Unless you are a security administrator, the default execution profile that you specify must already be in your access list with EXECUTE privilege.

Correct and reenter.

SS044 DEFAULT ACCOUNT NUMBER NOT IN LIST . . . ILLEGAL
Unless you are a security administrator, the default account number that you specify must already be in your list of legal account numbers.

Correct and reenter.

SS045 PASSWORD MUST BE AT LEAST 4 CHARACTERS
A password must be from 4 to 8 characters and dashes (-) in any combination. This message is also displayed if the PASSWORD sysgen parameter is configured.

Correct and reenter.

SS046 AT LEAST ONE LEGAL ACCOUNT NUMBER MUST BE SUPPLIED
The JOB ACCTREQ sysgen parameter has been configured, but no legal account number or default account number have been supplied.

SS047 WARNING: LAST ACCOUNT SCREEN; LIMIT WILL BE EXCEEDED
This warning message indicates that the maximum limit of legal account numbers will be reached by completely filling in this account number screen.

This message is informational only.

SS048 ILLEGAL ACCESS PRIVILEGE SPECIFIED
One or more of the access privileges specified is illegal.

Correct and reenter.

SS049 ILLEGAL OBJECT TYPE
An object type 0 is illegal when an object name is supplied.

Correct and reenter.

SS050 ILLEGAL OBJECT NAME
The specified object name is illegal for the type specified.

Retry with correct object name.

SS051 ILLEGAL OBJECT NAME - - DUPLICATES ONE PREVIOUSLY ENTERED

The object name and type have already been entered in the access list.

Correct and reenter.

SS052 ONLY SECURITY ADMINISTRATORS MAY OWN TERMINAL-IDS

Ownership of terminal-ids allows that user to control access to the system; therefore, the owner of terminal-ids must be a security administrator.

Either make this user a security administrator or do not give ownership to this user for a terminal-id.

SS053 WHEN READ/WRITE IS SPECIFIED THE OTHER MUST ALSO BE

For terminal-ids both read and write must be specified if one or the other is specified.

Correct and reenter.

SS054 ILLEGAL ACCESS PRIVILEGE FOR THIS TYPE OF OBJECT

In most cases, only certain access privileges are used for an object. Check the programmer reference for the list or press function 13 when the screen is displayed for help.

SS055 WARNING: LAST OBJECT ALLOWED; LIMIT WILL BE EXCEEDED

This warning message indicates that this is the last object allowed as the maximum limit of objects will be exceeded.

This message is informational only.

SS056 MAXIMUM MEMORY MUST NOT BE LESS THAN MINIMUM MEMORY

This message is displayed when the minimum memory exceeds the maximum memory.

Correct and reenter.

SS057 ILLEGAL PROFILE NAME

The format for an execution or program profile name is "project-id*name". The asterisk must be specified if the optional project-id is specified. The project-id may contain 1 to 6 characters and the name may contain 1 to 32 characters. Both project-id and name must begin with an alphabetic character and follow with alphanumeric characters. Name may additionally contain a dash (-).

Correct and reenter.

SS058 WHEN ALL IS SPECIFIED NAME MAY NOT BE

The ALL=YES and NAME parameters are mutually exclusive.

Correct and reenter.

SS059 WHEN ALL IS SPECIFIED FROM MUST BE YSEC

ALL=YES is supported only for conversion from YSEC.

Correct and reenter.

SS060 NAME MUST BE SPECIFIED

If ALL=NO, then a NAME must be specified.

Correct and reenter.

SS061 ILLEGAL PROGRAM NAME
The format of a program name is "project-id*file_element". The asterisk must be specified if the optional project-id is specified. The project-id may contain 1 to 6 characters; name from 1 to 32; element from 1 to 8. All must begin with an alphabetic character followed by alphanumeric characters. Name and element may additionally contain a dash (-).

Correct and reenter.

SS062 ILLEGAL PSW MASK OPTION SPECIFIED
Only the values 1, 2, 3, and 4 are allowed in any order.

Correct and reenter.

SS063 ILLEGAL FILE OR ALIAS NAME
The file-id or alias name is incorrect. Refer to user manual for correct formats.

Correct and reenter.

SS064 ILLEGAL DEFAULT PROJECT ID
The project-id contains 1 to 6 characters and must start with an alphabetic character followed by alphanumeric characters.

Correct and reenter.

SS065 WHEN MORE ACCTS REQUESTED ALL 5 HERE MUST BE USED
It is illegal to request more account numbers when all the account numbers in the screen have not been used.

Correct and reenter.

SS067 ILLEGAL TO REQUEST MORE ACCTS; LIMIT HAS BEEN REACHED
The maximum number of account numbers has been reached.

Correct and reenter.

SS068 ILLEGAL TO REQUEST MORE OBJECTS WITH NO NAME GIVEN
It is illegal to request more objects when the screen does not have an object name in it.

Correct and reenter.

SS069 ILLEGAL TO REQUEST MORE; LIMIT HAS BEEN REACHED
The maximum number of objects has been reached.

Correct and reenter.

SS081 WAIT TIME SPECIFIED IS NOT AN ASCENDING VALUE
System variables $TERM-WAIT-T-TIME-1 to $TERM-WAIT-TIME-9 must be a sequence of ascending values.

Correct the value and retransmit.

SS082 WAIT TIME IS IN AN INVALID FORMAT
System variables $TERM-WAIT-TIME-1 to $TERM-WAIT-TIME-9 must be in the format nnn:nn:nn:nn.

Correct the value and retransmit.

SS083 INVALID SECURITY SYSTEM VARIABLE
The user has tried to use an invalid name for a security system variable.

Correct and retransmit.

SS101 WARNING YLG HAS REACHED 85% FULL CONDITION
The security log file YLG has used approximately 85% of its initial file allocation.

Notify the security administrator so that, if necessary, the file can be cleared.

SS102 WARNING YLG NEEDS EXTENSION, SPACE MAY NOT EXIST
The security log file YLG needed more physical space on SYSRES but none existed. The logging of security actions has terminated until the file is cleared.

Notify the security administrator so that the file can be cleared.

SS103 WARNING YLG CANNOT EXTEND, LOGGING HAS STOPPED
The security log file, YLG needed more physical space on SYSRES but none existed. The logging of security actions has terminated until the file is cleared.

Notify the security administrator so that the file can be cleared.

SS104 ERROR error-code YSLG HAS AN ERROR AND CANNOT BE ACCESSED
An error has occurred on the security log file YSLG. The logging of security actions has ceased until the error is fixed. The data management error code is indicated.

Notify the security administrator so that the error can be investigated and fixed.

SS105 PARAMETER ERROR - INVALID USER-ID
The parameter USER of the DISPLAY_SECURITY_LOG command is not a valid user-id.

Reenter the command with a valid user-id.

SS106 PARAMETER ERROR - INVALID TERMINAL-ID
The parameter NAME of the DISPLAY_SECURITY_LOG command is not a valid terminal-id.

Reenter command with a valid terminal-id.

SS107 PARAMETER ERROR - INVALID USER PROFILE
When TYPE=USER_PROFILE is specified in the DISPLAY_SECURITY_LOG command. The NAME specified must be a valid user profile name.

Reenter the command with valid parameters.

SS108 PARAMETER ERROR - INVALID SYSTEM ERROR
If a NAME is specified when TYPE=SYSTEM_VARIABLE in the DISPLAY_SECURITY_LOG command, it must be a valid system variable name.

Reenter the command with valid parameters.

SS109 PARAMETER ERROR - END TIME LESS THAN START TIME
The END_TIME, specified in the DISPLAY_SECURITY_LOG command, must be greater than the START_TIME if the current security log file spans one day.

Reenter the command with valid END_TIME.

SS110 PARAMETER ERROR - END_DATE LESS THAN START_DATE
The END_DATE must be greater than the START_DATE in the DISPLAY_SECURITY_LOG command. If only one parameter is specified, END_DATE must be greater than the first date in the security log and the START_DATE must be less than current date.

Reenter the command with valid parameters.

SS111 LOGGING DISABLED. CANNOT PROCESS COMMAND
Security logging is not active; therefore, the DISPLAY_SECURITY_LOG or PURGE_SECURITY_LOG commands cannot be executed.

Wait until a supervisor having a security log generated is running.

SS112 YSLG ERROR nn/nn. CANNOT PROCESS COMMAND
An error in accessing YSLG has occurred and the DISPLAY_SECURITY_LOG or PURGE_SECURITY_LOG cannot be executed.

Correct YSLG file and rerun.

SS113 PRINT FILE ERROR nn/nn. CANNOT PROCESS PURGE.
The print file cannot be accessed and the PURGE_SECURITY_LOG command cannot be executed.

Correct problem in the print file PRNTR.

SS121 ACCOUNT NUMBER IGNORED - ACCNT NUMBS NOT CONFIGURED
Job account numbers have not been configured; specifying an account number at logon time is ignored.

No action is required.

SS123 REQUESTED EXECUTION PROFILE FOUND
The execution profile specified by the user was found and attached.

This message is informational only. No action is required.

SS124 REQUESTED EXECUTION PROFILE NOT FOUND - NO DEFAULT
The execution profile specified by the user was not found and no default exists. The logon is rejected.

Logon again with correct execution profile.

SS125 REQUESTED EXECUTION PROFILE NOT FOUND
The execution profile specified by the user was not found but the default was attached.

This message is informational only. No action is required.

SS126 NO EXECUTION PROFILE REQUESTED - DEFAULT USED
The required execution profile name was not requested at logon. The default name was used.

This message is informational only. No action is required.

SS127 NO EXECUTION PROFILE REQUESTED - NO DEFAULT FOUND
The required execution profile name was not requested at logon and no default name was found.

Logon again with a valid execution profile name specified.

SU#01 SU FUNCTION COMPLETED
This message acknowledges that the unattended sign-on command (SU) was acted upon.

This is an informational message. No action is required.

SU#02 INVALID TERMINAL NUMBER - REENTER
The SU command contained an invalid line number.

Reenter the command with a valid line number.

SV00 JOB jobname RUN STATE LIBRARY SAVED SUCCESSFULLY
The specified job has been saved in its translated, expanded state.

This is an informational message.

SV11 jobname SAVE PROCESSOR ENCOUNTERED ERROR error-code
The save processor encountered the error specified in the error-code for the specified job.

Correct according to error code information and resubmit job. Error codes are listed in Appendix A.

SV26

Same as error message SC26.

SV27

Same as error message SC27.

SV28

Same as error message SC28.

SV29

Same as error message SC29.

SV30

Same as error message SC30.

S&D01 INPUT OPEN ERROR
The input file or device could not be opened.

Make sure the input file is valid and intact and that the correct file name was specified. Check the input device to ensure that it is operational and that a bad diskette was not mounted.

S&D02 INPUT CLOSE ERROR
The input file or device could not be closed.

Make sure the device is configured and operational, and the correct file name was specified.

S&D03 INPUT READ ERROR
An attempt to read the input file failed.

Make sure the input file is valid and that the correct file name was specified and retry.

S&D04 END OF FILE
Informs the operator that end of file has been reached.

No action is required.

S&D05 NO // COPY FOUND AT THE BEGINNING OF THIS MEMBER; DATA IGNORED UNTIL NEXT // COPY

The input to the screen and data converter must be created using the $MAINT function and must have a // COPY statement preceding each library member.

Re-create input using the $MAINT utility.

S&D06 END OF FILE REACHED BEFORE // CEND FOUND; RUN TERMINATED

Each library member used as input to the screen and data converter must have a // COPY statement preceding it and a // CEND statement following it. If an end-of-file condition is encountered before a // CEND statement, there could be something wrong with the input.

Check the input to make sure that the legitimate end of file was encountered and no data is missing.

S&D07 CANNOT PROCESS A D SPECIFICATION WITHOUT AN S SPECIFICATION. LOOKING FOR NEXT SCREEN FORMAT

The first record of a screen format must be an S specification. Records are ignored until the S specification or a // COPY statement is found.

Correct the input data and retry.

S&D08 CANNOT PROCESS A SCREEN WITHOUT D SPECIFICATIONS; LOOKING FOR NEXT SCREEN FORMAT

A screen format must contain one or more field definition (D) specifications.

Check the input for valid data and retry.

S&D09 PROCESSING FINISHED FOR FORMAT format-name

The specified screen format has been converted to System 80 clump records and passed to the screen format generator for completion.

No action is required.

S&D10 copy-element IS NOT A SCREEN FORMAT. DATA IGNORED UNTIL NEXT // CEND

The first record after the // COPY, which contains the copy-element name specified in the message, is not an S or D specification. Therefore, it is not a screen format. All data is ignored until the next // CEND statement is encountered.

No action is required.

S&D11 THE NEW FORMAT NAME IS format-name

The screen and data converter found illegal characters in the format name given in the S specification. They have been replaced by a question mark (?) and the new name is given in the message.

Make the necessary corrections in the programs that use this screen format.

S&D12 THE R (RETAIN) OPTION IN COLUMN 28 (ENABLE COMMAND KEYS) OF THE S SPECIFICATION IS NOT SUPPORTED

The RETAIN option in column 28 of the S specification is not supported and will not be included among the characters for the field.

Make the necessary corrections in the programs that use this screen format.

S&D13 COMMAND KEYS 23 & 24 (X & Y) ARE NOT SUPPORTED
X and/or Y has been specified in the key mask (columns 64 through 79) of the S specification. The command keys that they identify (23 and 24) are not supported. X and Y in the key mask are ignored.

Choose command keys from those available (1-22) and correct user programs that use this screen format.

S&D14 WARNING: AN OUTPUT FIELD WILL NOT BE OVERRIDDEN WITH CONSTANT TEXT IN AN OVERRIDE OPERATION
If an indicator specified in columns 33-34 of the S specification is off and an indicator specified in columns 23-24 of a D specification is also off, the output data will not come from the D specification (constant text).

Make the necessary corrections to the user programs that use this screen format.

S&D15 THE V OPTION IN COLUMN 17 (START LINE NUMBER) OF THE S SPECIFICATION IS NOT SUPPORTED. 1 IS ASSUMED.
The V option in column 17 of the S specification is not supported. The start line number for this format is assumed to be 1.

No action is required.

S&D16 THE SUPPRESS INPUT ENTRY (COLUMNS 35-36) OF THE S SPECIFICATION IS NOT SUPPORTED
The suppress input entry in columns 35-36 on the S specification is not supported. The entry is ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D17 THE NEW FIELD NAME IS field-name
The screen and data converter found illegal characters in the field name given in the D specification. The characters are replaced by a question mark and the new name is provided in the message.

No action is required.

S&D18 A DATA FIELD CANNOT EXCEED COLUMN 80 OF A SCREEN
The maximum length for a field is 80 characters. If a field starts in a column other than column 1, its maximum length is 81 minus its starting column number. If the field exceeds this, it is truncated to its maximum allowable length.

Make the necessary corrections to the user programs that use this screen format.

S&D19 THE M CONSTANT TYPE SPECIFIED IN COLUMN 56 OF THE D SPECIFICATION IS NOT SUPPORTED
The M constant type in column 56 of the D specification does not have a System 80 equivalent. The field is not converted.

Make the necessary corrections to the user programs that use this screen format.

S&D20 INDICATORS IN COLUMNS 23-24 OF A D SPECIFICATION ARE NOT SUPPORTED. WILL BE TREATED AS Y
If an indicator is specified in columns 23-24 of the D specification, it will be treated as if a Y was specified.

Make the necessary corrections to the user programs that use this screen format.

S&D21 WARNING: SPECIAL CHARACTERS IN A NUMERIC DATA FIELD ARE NOT SUPPORTED

If N is specified in column 27 (data type) of the D specification, the special characters (commas, periods, plus signs, and minus signs) are not to be entered in the field.

Make the necessary corrections to the user program or alter the new screen format to use a numeric edited field.

S&D22 WARNING: FIELD KEYS NOT SUPPORTED FOR SIGNED NUMERIC DATA FIELDS

If S is specified in column 27 of a D specification, it is treated as a numeric field (i.e., as if N were specified). The field+, field exit, and field-keys are not supported.

Make the necessary corrections to the user programs that use this screen format.

S&D23 THE K (KATAKANA) OPTION IN COLUMN 27 (DATA TYPE) OF THE D SPECIFICATION IS NOT SUPPORTED

The K (Katakana) option in column 27 (data type) of the D specification will be changed to an alphanumeric data type.

Make the necessary corrections to the user programs that use this screen format.

S&D24 THE R (MAGNETIC STRIPE READER) OPTION IN COLUMN 27 (DATA TYPE) OF THE D SPECIFICATION IS NOT SUPPORTED

The R (magnetic stripe reader) option in column 27 (data type) of the D specification will be changed to an alphanumeric data type.

Make the necessary corrections to the user programs that use this screen format.

S&D25 WARNING: ALL POSITIONS MUST ALWAYS BE FILLED IN A FIELD DEFINED WITH Y IN COLUMN 28 (MANDATORY FILL) OF THE D SPEC

System 34 requires that a mandatory fill field have all positions in the field filled only if at least one character is entered. System 80 requires that all positions always be filled.

Informational only. No action is required.

S&D26 SELF-CHECK (COLUMN 30 OF THE D SPECIFICATION) IS NOT SUPPORTED

Any entry in column 30 of the D specification will be ignored.

Make the necessary changes to the user programs that use this screen format.

S&D27 ADJUST/FILL (COLUMN 31 OF THE D SPECIFICATION) IS NOT SUPPORTED

Any entry in column 31 of the D specification will be ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D28 ENABLE DUP (COLUMN 34 OF THE D SPECIFICATION) IS NOT SUPPORTED

Any entry in column 34 of the D specification will be ignored.

Make the necessary changes to the user programs that use this screen format.

S&D29 CONTROLLED FIELD EXIT (COLUMN 35 OF THE D SPECIFICATION) IS NOT SUPPORTED

Any entry in column 35 of the D specification will be ignored.

Make the necessary changes to the user programs that use this screen format.

S&D30 AUTO RECORD ADVANCE (COLUMN 36 OF THE D SPECIFICATION) IS NOT SUPPORTED

Any entry in column 36 of the D specification is ignored. Press XMIT to return an input field to user program.

Make the necessary changes to the user programs that use this screen format.

S&D31 NUMBER OF LINES TO CLEAR (COLUMNS 19-20 OF THE S SPECIFICATION) IS NOT SUPPORTED

Any entry in columns 19-20 of the S specification is ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D32 RETURN INPUT (COLUMN 22 OF THE S SPECIFICATION) WILL ALWAYS BE Y

Input is always returned to the user program. No data keys need to be pressed.

Make the necessary corrections to the user programs that use this screen format.

S&D33 SOUND ALARM (COLUMNS 25-26 OF THE SPECIFICATION) IS NOT SUPPORTED

Any entry in columns 25-26 of the S specification is ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D34 ENABLE FUNCTION KEYS (COLUMN 27 OF THE S SPECIFICATION) IS NOT SUPPORTED

Any entry in column 27 of the S specification is ignored and any function keys specified in the key mask (columns 64-79) are also ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D35 BLINK CURSOR (COLUMNS 29-30 OF THE S SPECIFICATION) IS NOT SUPPORTED

Any entry in columns 29-30 of the S specification is ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D36 NO MORE THAN FOUR DISPLAY PROPERTIES ALLOWED PER FIELD

No more than four display properties may be specified with an indicator for any one field. These properties include position cursor, high intensity, blink field, nondisplay, reverse image, and underline.

Make the necessary corrections to the user programs that use this screen format.

S&D37 WARNING: HIGH INTENSITY (COLUMNS 39-40 OF THE D SPECIFICATION) WILL APPEAR AS NORMAL INTENSITY

Fields specified as high intensity on the D specification will appear in normal intensity; all other fields will be alternate (low) intensity.

This message is informational. No action is required.

S&D38 WARNING: ANY ENTRIES IN COLUMNS 26-49 OF A D SPECIFICATION ARE IGNORED IF AN OUTPUT CONSTANT IS SPECIFIED

If the field is defined as an output-only field (columns 23-24) with a constant in columns 57-79, anything specified in columns 26-49 of the D specification is ignored.

Make the necessary corrections to the user programs that use this screen format.

S&D39 WARNING: A FIELD HAS BEEN FOUND OUT OF SCREEN POSITION ORDER. IT HAS BEEN SORTED

Screen format services cannot handle D specifications out of screen position order. That is, if a D specification for a field in row 2, column 1 appears in the input stream before a D specification for a field in row 1, column 10, the D specifications will be sorted by row and column position.

Make the necessary corrections to the user programs that use this screen format.

S&D40 AN INPUT ONLY FIELD WITH A CONSTANT SPECIFIED IN COLUMNS 57-79 IS NOT ALLOWED. FIELD IS NOT CONVERTED

If a field is specified as an input-only field (Y in column 26) and if a constant is specified in columns 57-79 of the D specification, the field will not appear in the converted screen.

Make the necessary corrections to the user programs that use this screen format, or alter the new screen format.

S&D41 WARNING: THE FIRST INPUT FIELD WILL NOT OCCUPY A SCREEN POSITION

If a nondisplay field is bi-directional and is also the first input field for the screen, the field will have no screen coordinates (no screen position), but will still be the first input field. Any entries in columns 19-22, 27-41, and 45-55 are ignored.

This message is informational. No action is necessary.

S&D42 A FIELD WHICH HAS NO SCREEN POSITION CANNOT BE CONDITIONALLY NONDISPLAYED. IT WILL ALWAYS BE NONDISPLAYED

When a field is converted to occupy no screen position, it cannot use an indicator in columns 43-44 of the D specification. It will be treated as a Y in column 43.

Make the necessary corrections to the user programs that use this screen format.

S&D43 THE RECORD IN QUESTION IS: record

All diagnostics issued for a D specification will be followed by this message to inform the user of the exact specification in question.

No action is required.

TP01 vsn (LFDNAME=TAPExx) PREPPED IN { EBCDIC / ASCII } , { WITH / NO } BKNO

The tape volume identified in the message has been prepped as identified in the message. This message is information only.

No corrective action is required.

TP02 INVALID LFD SPECIFIED, TAPE NOT PREPPED

An LFD in the format TAPExx could not be found with PREP specified on the // VOL statement.

Correct the LFD or VOL statements, and rerun the job.

TRACE00 NO TASK OR PHASE SPECIFIED

Monitor is unable to determine what job, transient, or phase to trace.

Prepare the desired *U, *T or *S card and reenter entire trace input stream using unsolicited input technique: 00 MO R.

TRACE01 BLANK INPUT CARD

Informational only.

No action is required.

TRACE02 INVALID OPTION. NOT I,S OR A

The card is ignored.

If this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE03 I OPTION FORMAT ERROR

The card is ignored.

If this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE04 I OPTION DATA TOO LONG %MAX #64

The card is ignored.

If this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE05 REGISTER OPERAND FORMAT ERROR

If the error occurs in an S-type option, the card is ignored. If the error occurs in the display action field, only that display is ignored.

If this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE06 NO BLANK BETWEEN ACTION AND OPERAND

The display specified is ignored.

Default action may be taken if only single action is present on the card. No action is required if the default action is adequate. Otherwise, if this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE07 OPERAND FIELD NOT R OR S

The display specified is ignored.

Default action may be taken if only single action is present on the card. No action is required if the default action is adequate. Otherwise, if this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE08 REGISTER OPERAND FORMAT ERROR

The display specified is ignored.

Default action may be taken if only single action is present on the card. No action is required if the default action is adequate. Otherwise, if this option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

TRACE11 PAREN MISPLACED IN ADDR EXPRESSION

If the error occurs in an S-type option, the card is ignored. If the error occurs in the display action field, only that display is ignored.

If the option was required, enter C to cancel the job, correct the card, or rerun the job step with the trace from the beginning.

RMrr TR#01 NO TAPE SUPPT. - TP RCV ABORT

A host is attempting to send a tape file to a virtual terminal that does not support tape operations.

No operator action is required. Message TR#02 is displayed.

RMrr TR#02 STOP HOST TAPE XMIT - REPLY 'A' WHEN DONE

A tape receive operation is being aborted as specified in previously displayed message. The host must be instructed to stop its transmission of the file before the abort can be completed.

Use the appropriate host command to terminate the transmission of the file. When the last transmission is stopped, reply A to complete the abort.

RMrr TR#03 ALL TAPE FACIL. IN USE I, R, A?

All RTP tape buffers are in use and an attempt is being made to start another tape operation.

To retry, reply R after waiting for a current tape operation to complete. To abort the new operation, reply A. I is an invalid reply.

RMrr TR#04 ERR ON TAPE DVC ALLOC I, R, A?

The system was unable to allocate a tape drive or to mount the requested volume.

To retry, reply R if requested volume is mounted on an available tape drive. Reply A to abort the operation. I is an invalid reply.

RMrr TR#05 ERR ON TAPE OPEN I, R, A?

A data management error occurred while opening the tape file. See previously displayed data management error message.

Reply R to try to reopen after correcting the error. Reply A to abort the tape operation. I is an invalid reply.

RMrr TR#06 I/O ERR WRITING TAPE I, R, A?

An unrecoverable I/O error occurred while writing to the tape.

Reply I to ignore the error and continue the operation. (Block will be dropped.) Reply A to abort the tape operation. R is an invalid reply.

RMrr TR#07 TAPE BUFFER OVERFLOW

A tape block, sent from the host, is larger than the file block size.

No operator action is required. Tape reception is aborted.

RMrr TR#08 BKCT ERR,EOF1=block-count-1,COMP=block-count-2

The block count in the EOF trailer label (block-count-1) does not match the RPT computed block count (block-count-2).

No operator action is required. The tape reception will terminate normally, but the tape may be in error.

RMrr TR#09 EOF,VOL=vsn,BKCT=block-count
RMrr TR#09 DSN=data-set-name

This is a 2-part message indicating normal termination of tape reception. The volume serial number is from the first volume in the file.

No operator action is required.

RMrr TR#10 ERR ON TAPE CLOSE I, R, A?

A data management error occurred while closing the tape. See the data management error previously displayed.

Reply I to ignore the error. Reply A to abort the tape operation. (The aborted job must be resubmitted.) R is an invalid reply.

RMrr TX#01 NO TAPE SUPPT. - JOB ABORTED

Host-destined job deck contains a tape transmission parameter card (// DD), but the virtual terminal does not support tape operations. The job is aborted and deleted from the transmission queue.

Correct the job deck and resubmit, or regenerate RTP to include tape support.

RMrr TX#02 BLKSIZE INVALID,=block-size

The block size entered on a // DD tape card is less than 16 or greater than the buffer size generated in RTP. The job is aborted and deleted from the transmission queue.

Correct the // DD parameter and resubmit the job, or regenerate RTP with the proper block size.

RMrr TX#03 ALL TAPE FACIL. IN USE I, R, A?

All tape buffers generated in RTP are in use and an attempt is being made to start another tape operation.

To retry, reply R after waiting for a current tape operation to complete. Reply A to abort the new tape operation (resubmit aborted job). I is an invalid reply.

RMrr TX#04 ERR ON DVC ALLOC I, R, A?

The system was unable to allocate a tape drive or was unable to mount the requested volume.

Reply R if the requested volume is mounted on an available tape drive. Reply A to abort the tape operation (resubmit aborted job). I is an invalid reply.

RMrr TX#05 ERR ON TAPE OPEN I, R, A?

A data management error occurred while opening the tape file. See previously displayed message from data management.

To retry, reply R after correcting the error. Reply A to abort the tape operation (resubmit aborted job). I is an invalid reply.

RMrr TX#06 SENDING TAPE,VOL=vsn,DSN=data-set-name

A tape file has been opened and transmission to the host has begun. The volume serial number is for the first volume of the file.

No operator action is required.

RMrr TX#07 ERR READING TAPE I, R, A?

An unrecoverable I/O error occurred while reading tape.

Reply A to abort the tape operation (resubmit aborted job). Reply I to drop the block in error and continue processing with the next block. R is an invalid reply.

RMrr TX#08 ERR ON TAPE CLOSE I, R, A?

A data management error occurred while closing a tape file. See the previously displayed data management error message.

Reply A to abort the tape operation (resubmit aborted job). Reply I to ignore the error. R is an invalid response.

RMrr TX#09 XMIT FINI,BKCT=block-count

The tape transmission is complete.

No operator action is required.

UNX02 ALL UNIX LINES IN USE
All asynchronous lines connected to the UNIX* System are in use. UNXSAM is terminated.

UNX03 ICAM SESSION CANNOT BE ESTABLISHED: xxxx
Unrecoverable NATTACH error from ICAM

where:

xxxx
Is an ICAM error code.

See Appendix A for a description of the ICAM error codes.

UNX04 ICAM INPUT ERROR ENCOUNTERED: xxxx
Unrecoverable ICAM input error encountered.

where:

xxxx
Is either an ICAM error code or the text: PARITY, LOST DATA, or LINE DOWN.

Processing continues; the message is aborted.

UNX05 ICAM OUTPUT ERROR ENCOUNTERED: xxxx
Unrecoverable ICAM output error encountered.

where:

xxxx
Is an ICAM error code.

UNXSAM is terminated.

UNX06 UTS INPUT ERROR ENCOUNTERED
Error from a UTS WEXCP read command.

Correct and retransmit.

UNX07 UTS OUTPUT ERROR ENCOUNTERED
Error from a UTS WEXCP write command.

Correct and retransmit.

UNX08 SESSION TERMINATED BY USER
This is an informational message only. User entered FK22 to terminate the UNIX session.

No action is required.

UNX09 UNXSAM LOGIC ERROR: x
Indicates a UNXSAM software problem.

where:

x
Is a specific error character code.

Consult your local Sperry representative.

*UNIX is a registered trademark of AT&T.

UNX10 PROGRAM CHECK OR ABTERM tttt TASK: y xxx
UNXSAM terminated due to a program check or abnormal termination.

where:

tttt
Indicates the UNXSAM task (UTS or ICAM).

y
Is P (program check) or A (abnormal termination).

xxx
Is a system error code.

If y=P, contact your Sperry representative.

UNX11 DMQRY ERROR ENCOUNTERED
OS/3 workstation access method DMQRY error encountered.

UNXSAM is terminated. Contact your Sperry representative.

UNX12 INVALID CONTROL CHARACTER ENTERED
An invalid control character was entered.

Correct and retry.

UNX13 INVALID/PARAM NET NAME STATEMENT
Invalid format in //PARAM NET NAME statement. Initiation of the UNXSAM job was incorrectly entered.

Correct and re-enter.

UNX14 INVALID CHARACTER SEQUENCE OF xx
An invalid special character sequence (xx) was entered.

Correct and re-enter.

UP01 DISMOUNT TAPES
Mounted tapes have been rewritten and rewound with interlock. Informational only.

Tapes may now be labeled if needed.

UP02 TAPETOn=VOL. SER. NO. vsn=owner-id
Causes a display of logical unit names (TAPET01...TAPET09), volume serial number (vsn), and owner identification (owner-id) for each labeled tape.

UP03 MOUNT BLANK TAPES ON ALL AVAILABLE UNITS. REPLY (C) CONTINUE
Blank tapes should be mounted on all units previously defined by an LFD job control statement.

If reply other than C is typed in, routine goes directly to end-of-job statement.

UP04 END OF JOB
All tapes prepped. Informational only.

No action required.

UP05 PARAM CARD ERROR
Error detected in PARAM statement.

Correct PARAM in error and rerun job.

USAB0 SPECIFIED RECORD NUMBER IS INVALID
The record number specified is not applicable for the disk type in use.

Submit the correct record number and rerun the job.

USAB1 UNIDENTIFIED KEYWORD
The program expected the update keyword DATA.

Enter the correct keyword and rerun the job.

USAB2 DUPLICATED KEYWORD, EACH KEYWORD ALLOWED ONLY ONCE
Rerun the job using a nonduplicate keyword for the data set.

USAB3 RECORD READ HAS A KEY LENGTH OF ZERO
An attempt was made to update a key field that does not exist. This is a fatal error message.

Determine which field contains the error and correct the update location. Rerun the job.

USAB4 UPDATE LENGTH OF ZERO IS NOT ALLOWED
An attempt was made to update a record having a zero length update. This is a fatal error message.

Examine your input and note that $ has been printed beneath the error. Correct the error and rerun the job.

USAB5 UPDATE LENGTH IS GREATER THAN THE FIELD IN THE RECORD
The update exceeds the field being modified. This is a fatal error message.

Check the key and data length for proper limits. Correct and rerun the job.

USAB6 UPDATE LENGTH AND AMOUNT OF DATA SUPPLIED DO NOT AGREE
An incorrect amount of data was included in the data set for the update while running the assign alternate track routine.

Correct the data length and rerun the job.

USAB7 SPECIFIED RECORD WAS NOT FOUND ON TRACK
No record was found on the disk of specified record.

Correct the record number and rerun the job.

USAB8 INVALID CHARACTER
The character flagged is not valid. This is a fatal error message. Valid characters are 0-9 and A-F.

Correct the error and rerun the job.

USAB9 NO UPDATE KEYWORD SPECIFIED, PROGRAM ABORT
The program expects at least one keyword after the record number.

Correct the program and rerun the job.

USAE1 UNEXPIRED FILE filename FOUND ON DISK DEVICE did *IC
A file with an expiration date greater than the current date has been found on the diskette volume before reinitializing the diskette.

The operator can either reply "I" to ignore the message and proceed with the prep, or "C" to cancel the prep immediately.

USAE2 NO SYSTEM DATE WAS IPL'D - PLEASE ENTER AS YYMMDD
During a file expiration check before prepping a disk, no system date was found against which to compare the file dates.

The operator should type in the year, month, and day in the format requested.

USAE3 PREP CANCELLED BY OPERATOR - NO PREPPING DONE
In reply to the unexpired file check, the operator elected to cancel the prep. No disk initialization has been done at this point.

No action is required.

USAE4 NO VOL1 RECORD FOUND
The VOL1 record could not be found on the disk or diskette.

For disk, rerun prep using TRCON≠D. For diskette, rerun prep using RPVOL=N.

USAE5 UNABLE TO WRITE VOL1 RECORD - DISK IS UNUSABLE
While attempting to place the VOL1 record on disk, I/O errors prevented completion.

Retry the prep. If the error persists, change the disk pack and rerun the job.

USAE6 DISKETTE PREP DOES NOT ALLOW USE OF THIS KEYWORD
Since a diskette prep does not allow all the functions of an IDA prep, several keyword options are not allowed. (The keyword options not allowed are: ASGTK, ASUPD, ASURF, ASGPR, ALTRK, BADTK, FRMTG, ILOPT, INSRT, PREPT, PTBEG, PTEND, TRCON, TRKCT, VERFY, VTOCB, and VTOCE.)

Correct the control stream and rerun the job.

USAF1 PREP ERROR
Software failure.

Contact your Sperry customer representative.

USAF2 DISK DRIVE MALFUNCTION-SENSE AND STATUS bytes
The disk drive is writing and reading varying amounts of data; the drive is defective. For sense and status byte information, refer to the hardware and software summary, UP-8203 (current version).

Change disk drives and rerun the job.

USAJA ILLEGAL KEYWORD USED IN ILOPT PARAMETER
IMPL was being written to the diskette and ILOPT did not equal N or Y.

Only ILOPT=Y and ILOPT=N are supported when writing IMPL to diskette. Any other option will cause this message to be printed. Correct the keyword and rerun the job.

USAJC NOT ENOUGH MEMORY WAS ALLOCATED TO JOB TO RUN PREP
Since the prep requires a large buffer area, space beyond the program size is needed. However, not enough extra room was allocated to the job.

Allocate more main storage on the job card and rerun.

USAJD SECURITY FLAG ON VOL1 CARD IS INCORRECT
The security flag (column 11 of the VOL1 card) is not set with either a blank, 0, or 1.

Correct the job stream and rerun.

USAJE PROGRAM ERROR error-code - RETURN DUMP TO SPERRY REP
An internal program error has occurred that prevents the prep program from processing any further.

Return dump and prep listing to your Sperry representative as soon as possible.

USAJF INSERT CARD IN ERROR
The preceding INSERT card has a syntactical error on it.

Correct the card in error and rerun the job.

USAJG WARNING - BAD TRACK FOUND IN SYSTEMS AREA AT cccchh
The location specified in the message (cccchh) is a bad track that has been assigned to an alternate, but falls within reserve areas such as the VOL1, VTOC, or IMPL area. While not fatal, a bad track assigned to an alternate in these areas will affect system performance.

This is an informational message; no action is required.

USAJH VTOC PLACED IN LOCATION OTHER THAN SPECIFIED BY USER
Because the placement of the VTOC specified by the user through the VTOCB and VTOCE keywords overlaps a system's file (such as the VOL1), the VTOC was moved to another location.

Prep continues. No action is required.

USAJI DISK MUST BE IPL-ABLE WHEN USING COR OR IMPL
If ILOPT=Y is specified, specification of ILOPT=N is an error, except on a replace IMPL run (RPVOL=Y, ILOPT=1, 2, or Y).

Correct the job and rerun.

USAJK module-name NOT LOADED, LOAD ERROR error-code
The module could not be loaded due to a loader error.

See Appendix A for error code explanation.

USAJM DISKETTE IS UNUSABLE, CANNOT FORMAT A BAD TRACK
A bad track was detected and could not be formatted as a bad track. Diskette is not usable.

Rerun the job using a new diskette.

USAJP TEMPORARY DST TABLE OVERFLOW
The temporary defect skip table experienced an overflow condition. Prep is aborted.

If possible take a dump and return it and the job listing to your Sperry representative.

USAJQ UNABLE TO READ DEFECT TABLE FROM DISK
An I/O error occurred during an attempt to read the defect table from cylinder 559 on disk. The disk is unusable.

Reprep the disk using diskette input for the TCT and DST. If a diskette is unavailable, use the last prep listing to build an insert deck of all defects.

USAJR CCB: contents
This message displays the contents of the first 20 bytes of the command control block when issued. Usually accompanied by an error message.

If prep cannot be improved by rerunning, return listing to your Sperry representative.

USAJS BCW: contents
This message displays the contents of the buffer control word of the I/O issued. It is usually issued with an error message to provide more information.

If prep cannot be improved by rerunning, return listing to your Sperry representative.

USAJT WARNING WHEN CHANGING VSN OF SYSRES, SYSRUN, OR SYSPOOL NO CHECK FOR DUPLICATE VSN IS MADE.
Whenever the volume serial number of SYSRES, SYSRUN, or SYSPOOL volume is changed, no attempt is made by AVR to check for a duplicate volume serial number as is done on disks not of this class. Therefore, it is possible to change such a disk to the name of an already mounted disk.

Either visually check the volume serial number of other volumes mounted, or IPL the system again.

USAJU NORMAL EOJ - DISKETTE IS GOOD.
This is an informational message indicating a normal end of job for diskette prep.

USAJV A DISKETTE BEING PREPPED WITH DOUBLE DENSITY CANNOT HAVE A 128 BYTE RECORD SIZE.
An invalid record size was specified or defaulted with a diskette being prepped with double density. Valid record sizes are 256 and 512 bytes.

Correct and rerun.

USAJW ENCOUNTERED I/O ERRORS WRITING/READING DISKETTE
During reading or writing of the defect skip table from diskette, a consolidated data management error was detected.

Retry on another diskette drive or another diskette.

USAJX DEFECT SKIP TABLE NOT UPDATED ERROR n
The defect table on cylinder 559, tracks 3, 4, and 5 was not updated during the execution of disk prep. The error code denotes the type of error:

1 Two of the tracks containing the defect skip table are not accessible. The pack is bad. Contact your local Sperry representative.

2 The defect skip table will not fit on one track. The pack is usable, but the table cannot be updated.

3 The defect skip table cannot be updated because a good track cannot be found for merging the old table and the new entries found in this run.

This is a very critical error and should be addressed immediately to preserve the integrity of the disk.

USAJY DEFECT TABLE END ENTRY WAS NOT LOCATED
An end entry for the defect skip table was not found during writing of this table to the diskette.

The defect skip table is in an unstable state. Contact your Sperry representative.

USAJZ ERRORS OCCURRED WHILE WRITING DEFECT TABLE TO DISK
The defect skip table is written to the disk three separate times. If two or more of the writes are bad, then this message is printed.

The defect skip table is in an unstable state. Contact your Sperry representative.

USAJ1 FORMAT LABEL DISKETTES MUST BE TWO-SIDED, DOUBLE DENSITY, AND HAVE A 256 BYTE RECORD SIZE
The diskette being prepped in format label mode was not specified as a double-sided, double-density, 256-byte/sector diskette.

Correct control stream and rerun.

USAJ3 MORE THAN 2 BAD TRACKS FOUND - DISKETTE UNUSABLE
This message indicates that more than two bad tracks were found on the diskette being prepped. Since the diskette contains space for only two alternate tracks, it is not processed any further and is considered unusable.

Replace the diskette and rerun the job.

USAJ5 FOR DISKETTE BOTH ILOPT & IPLDK KEYWORDS MAY NOT BE USED
ILOPT and IPLDK keywords may not be used in the same job control stream since IPL and IMPL modules cannot be placed simultaneously on the same diskette.

Take one of the keywords out of the job stream and rerun the job.

USAJ7 DEVICE TYPE IS IN ERROR
This message signifies that the prep has been aborted, since an invalid device has been found.

AVR the device being prepped and rerun the prep.

USAJ8 RECORD SIZE MUST BE 128 OR 256 WHEN WRITING IPL/IMPL
The record size must be specified as 128 or 256 bytes when writing IPL or IMPL to diskette.

Specify RECSZ=128 or RECSZ=256 and rerun job.

USAJ9 VTOC BEGINNING ADDRESS IS BLOCKING OUTPUT OF IPL/IMPL
On diskette, the minimum beginning address for the VTOC is at cylinder 16 when writing IPL or IMPL to diskette.

On disk, a VTOC address was specified that intrudes into the area reserved for IPL/IMPL.

Specify a new beginning address using the VTOCB keyword and rerun the job.

USAK1 FIRST TRACK OF THE IMPL REGION IS BAD
IMPL was not written to the disk because the first track of its designated region (cylinder 0, head 1) was bad. This disk cannot be loaded with IMPL.

USAK2 FIRST TRACK OF THE IPL REGION IS BAD
IPL was not written to the disk because the first track of its designated region (cylinder 1, head 1) was bad. IPL cannot be written to this disk.

USAK3 IPL/IMPL NOT LOADED
IPL, IMPL, or both were not loaded onto the disk. The disk contained defective tracks in these areas. The disk is still usable as a data pack.

USAK4 {IPL / IMPL} HAS BEEN LOADED SUCCESSFULLY
IPL or IMPL has been loaded successfully.

USAK5 A NEW TCT CANNOT BE GENERATED
If a disk prep job is run with VERFY=Y or PARTL=S, a new track condition table (TCT) cannot be generated (TRCON=N).

Rerun job with TRCONN.

USAK6 A RPVOL RUN WITH AN UNPREPPED DISKETTE IS ILLEGAL
Any RPVOL=Y run on a diskette that has not been prepped is illegal.

Rerun diskette prep job with RPVOL=N.

USAK7 INVALID INSERT ADDRESS address
The insert entry either exceeds the disk cylinder and/or head limits or it does not fall within the prep range on a partial prep.

Correct entry and rerun.

USAK8 INVALID INSERT CARD ENTRY
The INSERT card is invalid for any of the following reasons:

1. 'INSERT' does not begin in column 1.
2. The entry value is illegal; it must be six hexadecimal characters.
3. The last entry on the card is not followed by a blank.

Correct INSERT card and rerun.

USAK9 WARNING - FEWER THAN 56 USABLE FIXED HEADS
The disk has been prepped but there are not 56 good tracks in the fixed head assembly. The area is usable but corrective action should be taken to fix the bad heads.

Contact your local Sperry representative.

USAKA MICROCODE CANNOT BE FOUND IN YSDF
The microcode could not be loaded onto the disk because the module names could not be found in YSDF. SDU may have to be run.

Check the module names and rerun the job.

USAKB ENCOUNTERED I/O ERRORS PUNCHING TCT
An I/O error occurred during punching of the track condition table, which is written to disk and can be retrieved by specifying TRCON=D on the next prep run.

USAKC PREP TERMINATED WITH ERRORS
Errors occurred during the disk or diskette prep.

Refer to the listing for further explanation of the errors.

USAKD FORMAT 5 NOT WRITTEN TO TCT - IO ERROR
Format 5 label was not written to the track condition table because of an I/O error. This error may indicate a hardware problem.

Contact your local Sperry representative.

USAKE ATTEMPT TO DEALLOCATE DURING PARTIAL PREP
Deallocation of a track was attempted during a partial disk prep.

Run a full disk prep.

USAKF DEFECT LIST FOUND TO BE LONGER THAN ALLOWABLE LIMIT
During processing of an established defect map on an 8417 disk, more than 1920 entries were found. The disk is too damaged for further use.

Cancel the job and replace the disk.

USAKG I/O ERROR IN SORTING FACTORY DEFECT MAP
An I/O error occurred during sorting of a defect map on cylinder 559 of an 8417 disk. This prevents completion of the prep.

Rerun the prep once more before contacting your local Sperry representative.

USAKH DST NOT FOUND ON DISKETTE
The defect skip table was not found on the diskette.

Rerun the prep with the proper TCT/DST diskette mounted.

USAKI FACTORY DEFECT LIST FOUND TO BE EMPTY, PREP CONTD
When the defect map on cylinder 559 (8417 disks only) was accessed, no entries were found.

The prep continues; no action is needed.

USAKJ YSDF IS IN USE WAIT FOR AVAILABILITY ? (Y OR N)
The file YSDF is being used exclusively by another job and is not available to DSKPRP. If the user decides not to wait, IMPL/IPL will not be written to the prepped disk.

Respond with Y to wait for YSDF to become available; respond with N to terminate DSKPRP.

USAKK IPL/IMPL FILE IS NOT LOCATED ON THE DISKETTE
The $IPL or $IMPL file does not exist on the diskette, so the replacement of either file via prep is not allowed.

The prep is terminated. IPL/IMPL is not replaced.

USAKM YSDF USE WAS NOT WAITED IMPL NOT LOADED
IMPL was not loaded because the user chose not to wait for availability of the YSDF file. The disk is usable. IMPL can be loaded by a replace-IMPL-only DSKPRP run (ILOPT=Y, RPVOL=Y) using an available YSDF file.

Disk prep will process IPL if specified and terminate with a warning.

USAKN PARAMETER parameter-name IS NOT ALLOWED
The keyword or positional parameter specified is not allowed because it is not applicable to the device being prepped.

Prep will terminate normally with errors. Correct the problem and rerun the job.

USAKO PARTL=V CANNOT BE SPECIFIED WITH AN UNPREPPED DISKETTE
The diskette has not been previously prepped. The diskette must be formatted and surface-analyzed first because specifying PARTL=V builds a VOL1 and VTOC or DSLS only.

Rerun without PARTL=V option.

USAKP PARTL=S OPTION IS NOT ALLOWED WITH DISKETTE PREP
The PARTL=S option is not supported.

Rerun the job without this option.

USAKQ FDATA=N SPECIFIED WITH IPL/IMPL OPTION IS NOT ALLOWED
The prep terminates with this message when FDATA=N is specified with either IPLDK=Y or ILOPT=Y. FDATA=N indicates that no data files will be initialized after the completion of the prep.

Rerun the job without FDATA=N or without IPLDK/ILOPT.

USAKR PREP CANCELED BY USER - AN UNEXPIRED FILE HAS BEEN FOUND
An unexpired file was detected and the user chose to cancel the prep.

No action is required.

USAKS WRITE TO CONSOLE ERROR DURING UNEXPIRED FILE CHECK
An error occurred when a WTLD macro was issued during unexpired file checking of disk prep.

This is a system error. Contact your Sperry representative.

USAKT OBTAIN ERROR error-code PROCESSING $IPL FILE
The track specified in the assign alternate track program resides in the area established for IPL/IMPL data. An obtain error occurred trying to process the file, $IPL.

See Appendix A for an explanation of the error code. The VTOC has been corrupted and the disk should be reprepped and restored.

USAKU DISK DRIVE MALFUNCTION - EQUIPMENT ERROR
An unrecoverable I/O error has occurred, indicating a hardware problem on the disk drive.

Contact your local Sperry representative.

USAKV RERUN AAT ON THE VOL1 TRACK OR REPREP DISK
An error occurred during the assign alternate track program processing of VOL1. No further processing is possible.

Rerun the job with ASGTK=000000 to rebuild the VOL1. Then, rerun the original job with the ASGTK specification or reprep the disk.

USAKW {TCT / TDT} TABLE IS IN AN UNSTABLE STATE - REPREP DISK
The specified table has been compromised. No further processing is possible.

Reprep the disk with a new table. Specify TRCON=N parameter for a standard prep.

USAKX NO MORE FIXED HEAD ALTERNATES AVAILABLE - REPREP DISK
There are no more fixed-head alternates available for assignment to a defective fixed-head primary. The disk is still usable on a reprep because of fixed-head deallocation processing.

USAKY WARNING DATA LOST ON TRACK
An unrecoverable I/O error has occurred. The data on the track is lost.

Restore the file.

USAKZ BAD TRACK IN IPL/IMPL REGION - REPLACE IPL/IMPL
There is a bad track in either the IPL or IMPL area.

Replace both IPL and IMPL following this job. Execute DSKPRP with RPVOL=Y, ILOPT=Y, and IPLDK=Y.

USAL1 FATAL ERROR ENCOUNTERED PROCESSING TRACK
A fatal error occurred during processing of the track using the assign alternate track update program.

Rerun on the same track with ASGUP=N specified.

USAL2 UPDATE RUN NEEDED TO CHANGE VOL1 VTOC ADDRESS
The VTOC address field in the VOL1 must be initialized using the assign alternate track update option. The correct cylinder/head address of the VTOC for the disk must be initialized.

This disk has been corrupted. It can be reprepped or a new VOL1 can be built using the assign alternate track program. Contact your Sperry representative.

USAL3 INVALID{RECSZ / DNSTY} WITH PARTL=V - RERUN WITH{RECSZ={128 / 256 / 512} / DNSTY={1 / 2}}

When a diskette is prepped with PARTL=V specified, the record size and density (specified or defaulted) must be equal to the record size and density of its previous prep.

Rerun the job with the record size and/or density specified in the message.

USAL4 {VTOC / TCT} **POINTER IN VOL1 LABEL is INCORRECT**
The VTOC or TCT pointer in the VOL1 label is incorrect.

Rerun the assign alternate track update with a different cylinder and head value, or reprep the disk.

USAL5 VTOC CANNOT BE PLACED ON CYLINDER ZERO, HEAD ZERO
Cylinder 0, head 0 is reserved for the VOL1 label. The VTOC cannot be placed there.

Rerun the job with a different VTOCB specification.

USAL6 INVALID PREVIOUS RECSZ/DNSTY FOR FORMAT LABEL DSKET
When the user preps a diskette to be a format label diskette with the PARTL=V option, the density and record size from the previous prep must be double density and 256 record size.

Rerun the job omitting PARTL=V.

USAL7 UNABLE TO WRITE IPL OR BOOT - DISK IS NOT IPL VOLUME
IPL or boot modules could not be written to the track (cylinder zero, head zero) because of I/O errors.

The disk is usable as a data pack only (if the VOL1 label is good).

USAL8 THE FOLLOWING UPDATE RECORD WAS NOT WRITTEN TO DISK
The record was not written to the disk becuase of an error in the update data found by the assign alternate track program.

Correct the update data and rerun the job.

USAL9 INVALID CYLINDER/HEAD ADDRESS SPECIFIED IN UPDATE DATA
The field that was to be updated in the record was a disk address (cylinder/head) and it was invalid for the disk type.

Correct the update data to be a valid cylinder/head address and rerun the job.

USALA DEFECT TABLE WRITTEN SUCCESSFULLY TO DISK
The defect skip table (DST) was written successfully to the disk.

This is an informational message. No action is required.

USALB AN EXCESSIVE NUMBER OF DEFECT AREAS WERE FOUND
The excessive number of defects found by the prep indicates that there may be a hardware problem. The defects that were found have not been written in the home address on the disk; they were only logged.

Contact your Sperry representative.

USALC OBTAIN ERROR error-code PROCESSING file-name FILE
An obtain error occurred while attempting to read the file specified in the message. Prep cannot replace either the IPL or IMPL without successfully obtaining the file.

Refer to Appendix A for a list of the error-codes.

USALD NO SPACE IS AVAILABLE ON THE DISK FOR IPL/IMPL
It is not possible to replace the IPL and/or IMPL on the disk because there is not any space available or because the disk's existing IPL and IMPL modules were built on another system with different file and module characteristics.

Reprep the disk on the system, with IPLDK=Y and ILOPT=Y, to be used as an IPL disk.

USALE DISKETTE PREVIOUSLY PREPPED WITH FORMAT LABELS
PARTL=V was specified along with the FORMT=DSL option. The diskette, however, was previously prepped with format labels. PARTL=V cannot be used to change the file label formats.

Either rerun the prep without PARTL=V or rerun specifying the required format label parameters, PARTL=V, FORMT=FLB, DNSTY=2, and RECSZ=256.

USALF I/O ERRORS WERE ENCOUNTERED CHECKING UNEXPIRED FILES
An I/O error occurred while reading the file labels on the diskette.

Reprep with UNXFC=N (no file expiration testing).

USALG TRACK nn WAS MARKED DEFECTIVE BY SURFACE ANALYSIS
The track indicated in the message is defective, an alternate track has been assigned. The diskette is usable.

This message is informational only.

USALH IPL AND IMPL MUST BE WRITTEN ON THE DISK TO BOOT
ILOPT=N was specified when IPLDK=Y. Both IPL and IMPL must be on the disk in order to boot.

Rerun the job with ILOPT=Y or remove ILOPT=N parameter and rerun.

USALI PRINTER OPEN ERROR
An error occurred while opening the printer. A printer must be specified in the prep job stream.

Correct the job stream and rerun the job.

USALJ IMPL DSKET PREPS REQUIRE ILOPT=Y AND CUADR PARAMETERS
Both ILOPT=Y and CUADR=nnn must be specified to write the IMPL module to the diskette for the System 80 model 8. Refer to the system service programs user guide, UP-8841 (current version).

Rerun the job with both parameters specified.

USALK IMPNM PARAMETER WAS SPECIFIED WITHOUT ILOPT=Y
ILOPT=Y must be specified to write the IMPL module (specified in IMPNM) to the diskette.

Correct the parameter and rerun the job.

USALL SERNR MUST BE S$IMPL FOR FDD0 IMPL
SERNR=S$IMPL must be specified when writing the FDD0 IMPL modules to the diskette.

Rerun the job with SERNR=S$IMPL

USALM FDD0 IMPL DSKETS MUST BE PREPPED IN BDE MODE.
To place FDD0 on a diskette, the diskette must be single-sided, single-density with a 128 byte record size (basic data exchange).

Rerun the job with a diskette prepped in BDE mode.

USALN MICROCODE xxxx CANNOT BE FOUND IN YSDF
The microcode type specified in the message could not be written to the disk/diskette because it could not be found in YSDF.

Run SDU to creae microcode entry and rerun job. If disk has already been prepped, it does not have to be reprepped. Simply run a replace IPL/IMPL disk prep job. (See the current version of the system service programs user guide, UP-8841.)

USALO I/O ERROR ACCESSING YSDF

An I/O error was encountered accessing the YSDF file.

USAM0 STAND ALONE PREP TERMINATED IN ERROR
This is an informational message following every stand-alone prep fatal error message.

USAMC RDFCB ERRORTAKE PANEL DUMP
Error occurred during executing of read file control block for the diskette or disk device. SU@PRP terminates.

Take a panel dump and forward it to your Sperry representative.

USAME DATA SET OPEN ERROR
I/O error when SU@PRP opens data set. SU@PRP terminates.

Move diskette to another drive and rerun SU@PRP.

USAMF VOLUME OUT OF SEQUENCE
During SU@PRP, user mounted diskette out of sequence.

When SU@PRP redisplays mount message for correct diskette by volume number, mount the requested diskette and continue with routine.

USAML INVALID INSERT xxxxxx
User entered invalid insert during SU@PRP.

Enter the correct insert.

USAMM INVALID KEY-IN
User entered an invalid keyin during SU@PRP.

Reenter the parameter with the correct keyin.

USAMO TCT LIMIT EXCEEDED
SU@PRP exhausted the number of entries in the track condition table (TCT) without finding the end sentinel.

Take a panel dump and contact your Sperry representative.

USAMR ID READ ERROR
SU@PRP encountered an invalid read identification (id) of a formatted track.

Take a panel dump and contact your Sperry representative.

USA02 INSERT ADDRESS insert-address NOT FOUND IN TCT
The insert address for an alternate track is invalid because it could not be found in the TCT (track condition table).

Correct the insert address and rerun your job.

USA04 DEFECTIVE ADDRESS defective-track-address NOT ASSIGNED
There are no alternate tracks available to be assigned to this track address.

Replace disk pack and rerun your job.

USA05 INSERT DECK OUT OF SEQUENCE
The insert deck is out of sequence.

Check the format of the insert cards. If necessary, arrange the insert deck in the proper sequence and rerun your job.

USA06 TCT DECK OUT OF SEQUENCE
The TCT (track condition table) deck is out of sequence.

Arrange TCT deck in proper sequence and rerun your job.

USA08 TCT NOT FOUND ON DISC
The disk does not contain a TCT (track condition table).

Change TRCON specification to either N, C, or K as applicable, and rerun your job.

USA09 UNRECOVERABLE DISC ERROR-SENSE AND STATUS bytes
Check sense and status bytes to determine error. For sense and status byte information, refer to the hardware and software summary, UP-8203 (current version).

Correct error, and then rerun the job.

USAR1 NORMAL EOJ-DISK IS GOOD
The disk initialization routine was completed normally.

No corrective action required.

USAR2 PREP ABORTED-DISK IS UNUSABLE
The disk initialization routine was terminated with errors.

See previously displayed error messages for possible corrective actions.

USAR5 UNABLE TO WRITE TRACK AS DEFECTIVE, PACK UNUSABLE
An error occurred when a defective track was unable to record the alternate track address assigned.

Replace the disk pack and rerun the job.

USAR6 UNRECOVERABLE PUNCH ERROR, TCT LOST
TCT was printed but not punched; therefore, TCT is nonexistent in card form or in the disk.

The disk is good for this run, but must be handled as a new disk when reprepped. Next time, prep the disk with TRCON=N.

USAR7 PUB TRAILER UPDATE FAILED
An error was detected in updating the PUB with new VSN and VTOC addresses of the prepped device. The prep is completed.

Read the VSN of the newly prepped disk using the AVR command. This will update the PUB trailer. Run the next job.

USAS1 phase NOT LOADED, LOAD ERROR
The named phase could not be loaded.

Rerun your job. If the error persists, contact your Sperry customer representative.

USAS3 NO SENTINEL IN IL (COS) DECK
At least the sentinel card in the initial load (IL) control storage (COS) deck is missing.

Correct the IL (COS) and rerun your job.

USAS4 IL(COS) MODULE NOT FOUND
Either a system access technique (SAT) file was not defined in the job control stream or the initial load (IL) control storage (COS) module is not in the file that was defined.

Check the job control statements or the system directory and rerun your job.

USAS5 DATA CHECK DURING IL WRITE
An uncorrectable data check occurred during the writing of the IL (COS) records.

Rerun the job. If error persists, use a new disk pack.

USAS6 IL (COS) HASH TOTAL ERROR
An error occurred when the hash total did not agree with the value supplied in the COS deck. There is possibly an I/O error on the card reader.

Check to see if one or more COS cards are missing. If the disk is being used to load COS, verify the COS module. If the module is complete, rerun the job.

USAS7 WARNING-BAD COS CARD FOUND
An address on the displayed IL (COS) card was out of range of an acceptable value. Possibly, an IL (COS) card contains illegal characters. Processing continues.

Correct the COS deck and rerun job.

USAT1 VSN READ FROM DISK DOES NOT MATCH VSN SPECIFIED
An error occurred because the VSN was incorrectly specified, or the wrong disk was mounted.

Correct the VSN specified by the SERNR keyword, or mount the correct disk.

USAT2 I/O ERROR ENCOUNTERED WHILE READING VOL1 OR VTOC
An error occurred while attempting to read the VOL1 record or the format 5 record of VTOC.

Rerun the job. If the errors persist, run the complete prep on disk.

USAZB NO VOL1 CARD, PROGRAM ABORTED
An error occurred because a VOL1 card was not in the control stream, or it did not immediately follow the keyword parameters.

Add a VOL1 card to the control stream if it is missing, or sequence the control stream correctly if the VOL1 card is already in the control stream.

USAZC TCT MAY NOT BE GENERATED NEW WHILE USING VERIFY
TRCON=N cannot be specified with VERFY=Y.

Rerun the job with TRCON≠N.

USAZD BEGINNING VTOC ADDRESS IS GREATER THAN ENDING ADDRESS
Correct VTOC address and rerun.

USAZE TCT TO PRINTER ONLY IS INVALID FOR IDA DISK
The keyword specification TRKCT=P was erroneously used for an IDA disk.

Correct the specification and rerun the job.

USAZF AN IPL VOLUME VTOC MUST BEGIN ON TRACK ZERO
The beginning VTOC address began on a track other than zero.

Reprep the disk pack, posting the VTOC on a cylinder boundary.

USAZG DISKIN IS EITHER SYSRES OR RUN LIBS, PROGRAM ABORTED
A disk was prepped while active as a SYSRES or RUN LIBS.

Reprep the disk when it is not active in these operations.

USAZH BOTH KEYWORD ASGTK AND VOL1 CARD FOUND IN RUN STREAM
The keyword ASGTK declares an AAT run while the VOL1 card implies a prep run. You cannot perform both functions simultaneously with the same keyword.

Remove the unnecessary parameter and rerun the job.

USAZI DISKIN IS SYSPOOL VOLUME, PROGRAM ABORTED
An attempt was made to prep the syspool device. The syspool device follows the same rules as RES and RUN devices. The program is aborted.

USAZJ DISKIN IN USE BY PREVIOUS JOB-PREP ABORTED
The device that DSKPRP program was attempting to use as a DISKIN device was previously allocated to another job.

When the device is free, rerun the job.

USAZK TCT MAY NOT BE GENERATED NEW WHILE USING PARTL=S
The keyword parameter PARTL=S, indicating a partial surface analysis, was used with the keyword parameter TRCON=N. The track condition table may not be rebuilt using these two keyword parameters, in the same disk prep.

Rerun prep using TRCON≠N.

USAZ1 data-characters DATA ERROR
1. The data characters specified do not represent a valid disk prep keyword option; or
2. the keyword option is not supported by the system hardware.

Rerun the job with the proper keyword and format.

USAZ3 PARAMETER KEYWORD invalid-keyword UNIDENTIFIED
The invalid keyword that is included in the message was detected on a phase card.

Correct the keyword on the phase card and rerun your program.

USAZ4 SERNR KEYWORD PARAMETER MUST BE ENTERED, PROGRAM ABORTED
The keyword parameter was not specified.

Rerun with the SERNR keyword parameter.

USAZ5 PARAMETER ERRORS–PROGRAM ABORTED
Errors were encountered during parameter validation and the program was terminated.

Correct parameters and rerun your job.

USAZ6 RDFCB READ ERROR–PROGRAM ABORTED
The program was terminated because it was unable to read the FCB (file control block). This message indicates that there may be a hardware problem or no disk was assigned to this run. The proper LFD is DISKIN.

Rerun your job. If the error persists, contact your Sperry customer representative.

USAZ7 DEVICE NOT DISK–PROGRAM ABORTED
An invalid device type was assigned in place of a disk in a DVC statement and the program was terminated.

Correct the DVC statement and rerun your job.

USAZ8 INVALID DISK TYPE–PROGRAM ABORTED
A disk type that is not supported by the disk initialization routine was assigned in a DVC statement and the program was terminated.

Correct the DVC statement and rerun your job or use the disk initialization routine that supports the referenced disk type and rerun your job.

USAZ9 INVALID PARAMETER CARD
The parameter card immediately preceding this message could not be decoded by the validation phase of the program.

Correct the parameter and rerun the job.

USA1F TCT NOT WRITTEN ON DISC. ADDRESS NOT IN TCT.
All alternate tracks were found to be defective or the assigned TCT cannot be written.

Replace the disk.

USA11 TCT MAY NOT BE REBUILT WHILE LISTING OLD TCT
When TRKCT=L is used, no other disk prep prep functions may be specified, except SERNR and VOL1 cards.

Correct and rerun the job.

USA12 BAD TRACK address CANNOT BE ASSIGNED AN ALTERNATE TRACK WAS PREVIOUSLY ASSIGNED

The track listed was to be assigned to an alternate track in the track condition table but has already been assigned in a previous disk prep.

Because data is assumed to be present on the track from the previous disk prep, the user should reassign this particular track using the assign alternate track (AAT) function.

USA2F TCT NOT WRITTEN ON DISK, IO ERROR

A data check error occurred during the writing of the TCT (track condition table). This message indicates that there may be a hardware problem.

Rerun your job. If the error persists, replace the disk pack and rerun your job. If the error still persists, contact your Sperry customer representative.

USA21 A DEFECTIVE TRACK IS WITHIN AREA SELECTED FOR VTOC

This message appears when an attempt is made to write VTOC (volume table of contents) records on a defective track.

Select a new VTOC area.

USA22 THE NUMBER OF ALTERNATE TRACKS NEEDED EXCEEDS THE NUMBER AVAILABLE FOR THIS DEVICE TYPE

All the alternate tracks have been assigned for this device type but another alternate track is trying to be assigned. For IDA disks, only alternate tracks on the same head may be used. For selector disks, alternate tracks on other heads must be filled before this error message is printed.

The disk prep is aborted. The disk pack must be replaced.

USA23 COULD NOT FIND STD VOL LABEL ON TRACK 0 RECORD 3

This message occurs when an attempt is made to change the standard volume label on a disk that does not contain a standard volume label. This indicates that the disk was never fully initialized.

Rerun with TRCON=N.

USA25 CYLINDER 0 IS DEFECTIVE - THE PACK IS UNUSABLE

Cylinder 0 and track 0 can never be defective. If the volume is an IPL volume, then the entire cylinder 0 cannot be defective. On the 8415 disk packs, cylinder 1 of an IPL volume is treated the same as cylinder 0 because the COS region extends to cylinder 1.

Disk should be replaced.

USA31 TEST AREA IS AVAILABLE FOR PREPPING

This message indicates that the area selected for prepping is free space and may be prepped without fear of erasing any valid data.

No corrective action required.

USA32 TEST AREA SELECTED IS NOT AVAILABLE FOR PREPPING
The area selected for prepping is currently assigned according to the VTOC (volume table of contents).

If the data is to be saved, the AAT (assign alternate track) routine must be used to test the selected area; otherwise, VERFY=N can be specified, which would allow the prepping operation to take place even though the selected area contains data. If this second action is taken, the data contained on the pack will be lost.

USA33 COULD NOT FIND FORMAT 5 LABEL
A format 5 label is not on the pack.

Reprep the disk.

USA90 UNABLE TO READ DESIGNATED TRACK ID OR HA AND RO
The track is unreadable.

Recover the files and reprep the disk.

USA91 UNRECOVERABLE I/O ERROR OCCURRED DURING ASSIGN ALT TRK
This error may occur for a number of reasons.

If using AAT, retry the job. If using update records, try using an AAT without an update. If both attempts fail, reprep the entire disk.

USA92 COUNT FIELD ERROR, DATA RECOVERY TERMINATED
An unrecoverable I/O error occurred in a count field of a selector type disk. This record and any subsequent records are lost. This is an informational message.

No action is required.

USA93 NO DATA FOUND ON DESIGNATED TRACK
The designated track does not contain data, so there is no need to run the assign alternate track program.

No action is required.

USA94 WHILE SAVING PRIMARY TRACK DATA TO AN ALTERNATE AN UNRECOVERABLE I/O ERROR OCCURRED READING FOLLOWING:
During the execution of the assign alternate track option of the disk prep routine, a data check occurred while reading the listed record on the suspected defective track specified by the ASGTK keyword parameter. When a surface analysis is performed, the track may prove good indicating bad data.

Use the ASURF=N keyword parameter to assign the track unconditionally (no surface analysis performed).

USA95 AN ALTERNATE TRACK WAS ASSIGNED BY THIS RUN
This is a nonfatal error and an informational message.

No action is required.

USA96 OVERFLOW RECORD SEGMENT WAS COPIED TO AN ALT TRK
The primary track is defective; therefore, the track's multitrack capability is ineffective. The record on the primary track was part of a multitrack record, but the data was recovered. This is a nonfatal error and an informational message.

No action is required.

USA97 PRIMARY TRACK SPECIFIED WAS FOUND GOOD BY SURFACE ANAL.

The track you specified is good, and the program ran successfully. All possible data was returned to the primary track from the alternate track on which it was saved during surface analysis. This is an informational message.

No action is required.

USA98 8415 IPL VOLUME MAY NOT HAVE VTOC ON CYLS 0 OR 1

The 8415 disk pack is designated as an IPL volume, but cylinders 0 and 1 are being used for the VTOC. Cylinders 0 and 1 are reserved for the VOL1, the BOOT, the IPL, and the COS records.

Correct the control stream and rerun the job.

VV01 *****VTOC VERIFY*** INITIATED BY AVR**
VTOC verify routine is initiated and is ready to start processing. When the VTOC verify is implicitly performed by AVR, the message has BY AVR appended to it.

VV02 **ENTER DEVICE ADDRESS (OR END TO TERMINATE)**
Enter the 3-character device address, or enter END to terminate.

VV03 **VOL=vsn PASSES VTOC VERIFICATION**
VTOC (on specified volume) has passed verification.

VV04 *****VTOC VERIFY*** TERMINATED NORMALLY**
Normal termination is due to an explicit user request or a disk failing verification.

VV05 *****VTOC VERIFY*** TERMINATED ABNORMALLY**
Abnormal termination is due to an I/O error while accessing VTOC.

VV06 **VOL=vsn FAILS VTOC VERIFICATION**
VTOC (on specified volume) has failed verification. You receive this message in conjunction with a VV08 or VV09 message, which contains the reasons for the failure.

VV07 **VTOC VERIFICATION NOT PERFORMED ON DEV=did EC-nn**
Unable to perform verification on device specified by device address did. The following error codes provide the reason:

01

No VOL1 label. This occurs if the disk is not prepped or if you attempt to use a VTOC verification on a data set label (DSL) diskette.

If neither condition caused the error, then a serious disk problem exists. Contact Sperry Support Center for additional assistance.

02

No F4 label. There is a serious problem with the disk. Contact Sperry Support Center for additional assistance.

04

Disk is down or not available. Set the disk up, make it available, and reenter device address.

19

VTOC exceeds one cylinder. Currently, the verify routine cannot process VTOCs that exceed one cylinder.

28

Device address entered is not a disk device. Check device address and reenter.

29

Invalid device address was entered. Check device address and reenter.

31

Unrecoverable I/O error encountered.

35

VTOC correction terminated by user request. (User responded N to the VV20 message.)

37

ALT parameter was used but the alternate VTOC file (ALT$VTOC) was not allocated.

38

ALT parameter was used and alternate VTOC file (ALT$VTOC) allocated but nothing was copied into it.

VV08 INVALID VOLUME LABEL(S) EC-nn

An inconsistency was found in an F4, F5, or F0 label. The error code provides the reason.

All of the following error codes are correctable, using the correction routine, except those preceded by a pound sign (#).

03

VTOC record does not resemble a valid format label of any type. (This error should not cause additional damage.)

05

Invalid F0 label.

06

Broken F0 chain.

#07

Multiple format label assignments for same VTOC record.

#08

Verify routine internal error.

10

Free space entry (F5) has end address lower than start address.

14

F5 has two entries with overlapping space.

15

Second F5 is not linked properly.

18

There is disk space that is not assigned to a file and not reflected in the free space pool (F5). (This error should not cause additional damage.)

20

Address of an F0 is outside of the VTOC.

#25

No F1 labels found in VTOC.

26

Pointer to last F1 label is incorrect.

27

Free space list error.

32

Last F0 entry is not blank.

33

There is no F5 label.

VV09 INVALID LABEL FOR FILE=filename EC-nn

An inconsistency was found in an F1, F2, or F3 label associated with the specified file name. The error code provides the reason.

09

Space assigned to this file is already assigned to another file or to the free space list.

11

The logical extent information (F2) is not consistent with the physical extent information (F1).

No additional damage can occur if the logical extent information is a subset of the physical extent information.

12

A physical extent entry (F1) has an end address lower than the start address.

16

No F2 label exists.

17

Invalid F2 label.

24

Space that is assigned to this file (F1) is also assigned to the VTOC.

30

F1 label is not pointing to an F2 label.

34

The address of an F1, F2, or F3 label is outside of the VTOC.

36

There are zero extents in the F1 label.

VV10 ***VTOC COPY*** INITIATED**

VV routine is initialized and ready to perform a VTOC copy.

VV11 ***VTOC*** TERMINATED NORMALLY**

The copy function terminated normally.

VV12 VTOC COPY NOT PERFORMED EC-nn

An error prevents the copy from being performed. The error code (nn) provides the reason.

37

The alternate VTOC file (ALT$VTOC) was not allocated.

39

Sufficient dynamic memory to perform the copy function is not available.

VV20 HAVE YOU PERFORMED A TRIAL CORRECTION? (Y/N)

This message serves as a reminder to create an alternate VTOC and perform a trial correction against it before correcting your VTOC. A response of Y initiates the correction process; a response of N terminates the routine.

VV21 ***VTOC CORRECTION* INITIATED**

The VTOC correction routine is initiated and ready to start processing.

VV22 AUTOMATIC CORRECTION NOT POSSIBLE EC-nn

Correction has been requested but the errors encountered by the verify routine cannot be automatically corrected. The error code indicates which error is not correctable. Refer to the error codes listed in the VV08 and VV09 message descriptions and EC-45 below.

45

The error can be corrected on a second pass through the correction routine. (This error can be caused by too many free space entries.) VV28 always follows this error code.

VV23 ***VTOC CORRECTION* TERMINATED ABNORMALLY**

Abnormal termination due to an I/O error while accessing VTOC.

VV24 ***VTOC RE-VERIFICATION* INITIATED**

VTOC correction is complete and re-verification is initiated.

VV25 FILE=VV$$DUMMYn CREATED FOR UNASSIGNED SPACE

All of the disk space in the VTOC that was not assigned to a file or to the free space pool is assigned to the file identified in the message. The sequence number n allows multiple VV$DUMMY files on the same device.

Either scratch this file or rename it for future use.

VV28 RE-ENTER FIX COMMAND TO CONTINUE CORRECTION

This message always follows VV22 EC-45 to remind you to invoke the correction routine for a second pass.

3. Numerically Prefixed Messages

nn

33

These columns must be left blank - no entry permitted.

34

Entry must be numeric (1 to 6).

35

Field contains more than one entry - only entry permitted.

36

Entry must begin with an alphabetic character, be left-justified, and contain no embedded blanks.

37

Only numerics 0 to 9 are permitted.

38

Only numerics 1 to 4 are permitted.

39

0604 may be specified twice.

3A

Entry must be hexadecimal.

3B

Entry must be hexadecimal and end in an even value.

3C

Duplicate assignment of 0604 or 0605 output stacker.

40

Either disk or tape must be specified.

41

Disk descriptor card or related field of that card is omitted.

42

Tape descriptor card or related field of that card is omitted or invalid.

43

First descriptor card is omitted.

46

Card estimate exceeds capacity of specified disk.

48

Type code (column 80) is inconsistent or out of range.

49

Mandatory entry is omitted.

4A

Number of lines specified exceeds maximum permitted by the printer control loop.

4B

Only numerics 0 to 8 are permitted.

4D

Specification is incompatible.

4E

Entry must be left-justified, alphanumeric, and contain no embedded blanks.

4F

Only numerics 0 to 7 are permitted.

E0

No errors detected.

EE

nnnn errors detected; EMULAT phase terminated.

EF

Entry is valid but is not currently supported.

0253 **INVALID COMMAND–OPERATION**
One of three replies to an operator entry which rejects the message because of an error in the operation (command itself).

Operator should correct and reenter command.

0254 **INVALID COMMAND–FIRST OPERAND**
One of three replies to an operator entry which rejects the message because of an error in the first operand.

Operator should correct and reenter the command.

0255 **INVALID COMMAND–SECOND OPERAND**
One of three replies to an operator which rejects the message because of an error in the second operand.

Operator should correct and reenter the command.

0256 **LOOP name IS READY FOR USE**
Response to the LOOP command which tells the emulator to employ a different table (360) or VFB (92/9300).

Operator should restart the emulator.

0257 **LOOP name CANNOT BE LOCATED**
The table (360) or VFB required to control the printer was not assembled/linked to the emulator.

Operator should terminate the job if the program cannot or should not continue without the specified loops.

0258 **LOOP name NOT DEFINED IN OS/3 JCL STREAM**
The JCL, generated at SYSGEN, did not include VFB or control table information.

Operator should terminate the job, or forget the loop and continue by restarting the emulator.

0259 **STORAGE LOCATION hex-address CONTAINS hex-contents**
Display of storage in response to DISP command.

Operator may alter or restart.

0260 **ALTERED STORAGE LOCATION hex-address FROM hex-before TO hex-after**
Alter storage location of emulated program in response to a command.

Resubmit if not satisfied and then restart the emulator.

0261 **COMMAND NOT ACCEPTED**
Emulator response when operator attempts an input, other than RUN (START), STOP, STATUS, CANCEL, or EOJ.

Operator should stop the emulator and resubmit the message.

0262 **PROCESSOR (P) or I/O (I) REGISTER number CONTAINS hex-content (92/9300 only)**

0262 **REGISTER number CONTAINS hex-content (360/20 only)**
Display contents of emulated program's register in response to DISP command.

Operator should restart the emulator if satisfied.

0263 PROCESSOR (P) or I/O (I) REGISTER number ALTERED FROM hex-before TO hex-after (92/9300 only)

0263 REGISTER number ALTERED FROM hex-before TO hex-after (360/20 only)

Response to an ALTR command-displays before and after content of emulated program register.

Restart the emulator, if satisfied.

0264 INVALID-ADDRESS IS BEYOND STORAGE LIMIT

Rejection of an ALTR command which attempts to put an out-of-range address in the PSW (PSC).

Operator should correct the command or skip the command and restart the emulator.

0265 INVALID-ADDRESS IS BELOW value

Operator has attempted to DISP or ALTR 360 or 92/9300 memory in an invalid area.

Operator should correct and reenter the command and restart the emulator.

0266 INSTRUCTION ADDRESS IS NOT ON HALFWORD BOUNDARY

Rejection of a command which attempts to change instruction address is PSW (PSC).

Correct and reenter the command and restart the emulator.

0267 INPUT MESSAGE CONTAINS NON-HEXADECIMAL CHARACTER(S)

Response to any command requiring hex digit specification.

Correct and reenter the command and restart the emulator.

0268 CURRENT PROCESSOR (PPSC) or I/O PSC (IPSC) CONTENT hex-content (92/9300 only)

0268 CURRENT PSW CONTAINS hex-content (360/20 only)

Response to a DISP command showing content of PSW (PSC).

Operator should alter the command or restart the emulator.

0269 PROCESSOR (PPSC) OR I/O PSC (IPSC) PSC ALTERED FROM hex-before TO hex-after (92/9300 only)

0269 PSW ALTERED FROM hex-before TO hex-after (360/20 only)

Response to an ALTR command which shows before and after content of PSW (PSC), INVALID is substituted for hex-before if the PSC to be altered was invalid. Invalid PSW specifications are not processed.

Restart the emulator, if satisfied.

0270 PROCESSOR (P) OR I/O (I) PSC INST ADDRESS ALTERED FROM hex-before TO hex-after (92/9300 only)

0270 PSW INST ADDRESS ALTERED FROM hex-before TO hex-after (360/20 only)

Response to an ALTR command showing before and after content of PSW (PSC). INVALID is substituted for the hex-before if the address to be altered was out-of-range.

Restart the emulator, if satisfied.

0271 HALT A001 UNLOAD PROGRAM LOADED

If running on 360/20, press START to continue.

If running under emulation, key in START from the system console to continue.

0271 HALT A002 UNLOAD OF FILE COMPLETE. IF CARD OUTPUT, REMOVE AND LABEL DECK. IF TAPE OUTPUT, PERFORM INDICATED ACTION.

If running on 360/20 system, press START to continue. To discontinue UNLOAD, set register 3 to C2 and press START.

If running under emulation, key in START from the system console to continue. To discontinue UNLOAD, key in ALTPR00C2 (sets register 3 to C2); then key in START.

0271 HALT A125 NO LABEL INFORMATION AREA FOR FILE TO BE UNLOADED

If running on 360/20 system, alter storage location CE to EE; then press START to proceed to next track (ISAM file) or record (SAM and DAM files). To terminate all output files normally at point of error (card or tape output), alter storage location CE to DD and press START.

If running under emulation, alter storage location CE to EE by keying in ALTRP△00EE from the system console; then key in START to proceed to next track (ISAM file) or record (SAM and DAM files). To terminate all output files normally at point of error (card or tape), alter storage location CE to DD by keying in ALTRP△00DD followed by keying in START.

0271 HALT A150 END OF VTOC DUMP. USER CAN CONTINUE WITH UNLOAD OR DISCONTINUE JOB AT THIS POINT.

If running on 360/20 system, press START to continue. To discontinue UNLOAD, set register 3 to C2 and press START.

If running under emulation, key in START from the system console to continue. To discontinue UNLOAD, key in ALTRP00C2 (sets register 3 to C2); then key in START.

0271 HALT A181 INPUT DESCRIPTOR CARD TYPE IS NOT IDENTIFIABLE TO PROGRAM.

If running on 360/20 system, press START to continue with next card read. To discontinue UNLOAD, set register 3 to C2 and press START.

If running under emulation, key in START from the system console to continue with next card read. To discontinue UNLOAD, key in ALTRP△00C2 (sets register 3 to C2); then key in START.

0271 HALT A195 FILE NOT FOUND

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A197 LENGTHS SPECIFIED BY USER DO NOT COINCIDE WITH THOSE IN FILE LABEL. USER INFORMATION IGNORED.

0271 HALT A198 RECORD TYPE SPECIFIED WAS NOT A FIXED LENGTH RECORD.

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A210 USER SPECIFIED PUNCH OUTPUT, BUT NO PUNCH ASSIGNED; TAPE WILL BE ASSUMED.

If running on 360/20 system, press START to continue. To discontinue UNLOAD, set register 3 to C2 and press START.

If running under emulation, key in START from the system console to continue. To discontinue UNLOAD, key in ALTRP00C2 (sets register 3 to C2); then key in START.

0271 HALT A444 NO TAPES ASSIGNED

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A499 CUU ASSIGNMENT TAPE INVALID

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A581 CUU ASSIGNMENT DISC INVALID

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A591 DISC PACK HAS NO VOLUME ID.

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A592 DISC PACK HAS NO FORMAT 4 LABEL.

If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 HALT A593 DISC ERROR PROCESSING FILE (SEE PRINTER FOR CYLINDER HEAD RECORD INFORMATION.)

If running on 360/20 system, alter storage location CE to EE; then press START to proceed to next track (ISAM file) or record (SAM and DAM files). To terminate all output files normally at point of error (card or tape output), alter storage location CE to DD and press START.

If running under emulation, alter storage location CE to EE by keying in ALTRP△00EE from the system console; then key in START to proceed to next track (ISAM file) or record (SAM and DAM files). To terminate all output files normally at point of error (card or tape), alter storage location CE to DD by keying in ALTRP△00DD followed by keying in START.

0271 **HALT A599 NUMBER OF DISC DRIVES OUT OF RANGE (1-4)**
If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 **HALT A951 MAIN STORAGE SIZE PARAMETER IS INVALID; MUST BE 24K OR 32K.**
If running on 360/20 system, press START to continue. To discontinue UNLOAD, set register 3 to C2 and press START.

If running under emulation, key in START from the system console to continue. To discontinue UNLOAD, key in ALTRP00C2 (sets register 3 to C2); then key in START.

0271 **HALT A991 INSUFFICIENT MAIN STORAGE TO RUN UNLOAD**
If running on 360/20 system, press START to discontinue UNLOAD.

If running under emulation, key in START from the system console to discontinue UNLOAD.

0271 **HALT halt value-program name**
The emulated program specified in the message has been stopped because of the halt value.

The meaning and action required from the halt values are given in the preceding 0271 HALT messages.

0272 **INVALID OP CODE opcode hex-content AT address**
The emulator has detected an invalid operation code in the emulated program.

Correct op code with ALTRM, or advance PSW (PSC) and ignore.

0273 **ADDRESS ERROR opcode hex-content AT address**
The emulator has found an instruction in the emulated program which creates an address error.

Correct the instruction, advance the PSW (PSC), or terminate the emulator.

0274 **SPECIFICATION ERROR opcode hex-content AT address**
The emulator has detected a specification error in the emulated program.

Correct the instruction, advance the PSW (PSC), or terminate the emulator.

0275 **DATA ERROR opcode hex-content AT address**
The emulator has detected a data error in the emulated program.

Correct the instruction, advance the PSW (PSC), or terminate the emulator.

0276 **BINARY OVERFLOW opcode hex-content AT address**
The emulator has detected a binary overflow condition in the emulated 360 program.

Correct the instruction, advance the PSW (PSC), or terminate the emulator.

0277 DECIMAL DIVIDE CHECK opcode hex-content AT address
The emulator has detected a decimal divide check in the emulated program.

Correct the instruction, advance the PSW (PSC), or terminate the emulator.

0338 number INPUT FILES-Y TO CONTINUE, N TO TERMINATE
The program to sort disk substitution files is informing the user of the number of files detected as input for the sort.

Reply Y to continue or N to terminate.

0339 EMULATOR TERMINATING ON ERROR CONDITION
The emulator, itself, has encountered an error and must terminate.

Take a storage dump, if not provided.

0340 OPERATING-program-name
Response, from emulator, to STATUS inquiry.

No response required if satisfied with answer-emulator is running.

0341 STOPPED-AWAITING RESPONSE TO HALT halt-value-program-name
Emulator reply to STATUS inquiry.

Do something about HALT.

0342 STOPPED BY OPERATOR COMMAND-program-name
Operator has stopped emulator-a response TO STATUS inquiry.

Do whatever you wanted to do before you stopped the emulator.

0343 STOPPED-CORRECT ADDRESS ERROR OUTSTANDING-program-name
Emulator response to STATUS inquiry.

Correct the address error or terminate the emulator.

0344 STOPPED-CORRECT DATA EXCEPTION OUTSTANDING-program-name
Emulator response to STATUS inquiry.

Correct the data exception error or terminate the emulator.

0345 STOPPED-CORRECT DIVIDE EXCEPTION OUTSTANDING-program-name
Emulator response to STATUS inquiry.

Correct the divide exception or terminate the emulator.

0346 STOPPED-CORRECT INVALID OP CODE OUTSTANDING-program-name
Emulator response to STATUS inquiry.

Correct the op code or terminate the emulator.

0347 STOPPED-CORRECT SPECIFICATION ERROR OUTSTANDING-program-name
Emulator response to STATUS inquiry.

Correct the specification error or terminate the emulator.

0499 OP REQUEST INHIBITED–COMMAND NOT EXECUTED
Response to a (92/9300) directive requesting OP REQ function–if program has inhibited OP REQ.

Forget the entry or terminate the emulator.

0500 INVALID ENTRY–REGISTER MUST BE 8-F
Invalid register number was entered.

Correct and reenter the register number.

0590 STOPPED–BINARY OVERFLOW OUTSTANDING–program-name
Emulator response to STATUS inquiry.

Correct the error or terminate the emulator.

0611 PROGRAM LOADED–EMULATOR STOPPED
Emulator message to operator; if keyins are to be made prior to execution, they can be entered at this time.

If satisfied, START the emulator.

1059 MAXIMUM INPUT FILES HAVE BEEN REACHED
The program to sort disk substitution files has reached the maximum allowable input files and is proceeding with the sort.

The output file may then be used as one of the input files to sort with the files in excess of the maximum number.

1099 FILE ID=filename CRDT=yy/mm/dd
See message 1100.

1100 CORRECT TAPE? REPLY YES OR NO
If tape is the expected tape, reply YES; phase II will be executed. If tape is not the expected tape, reply NO; the job will be cancelled. If the message is not equal to (YES) or (NO); message 1099 and 1100 will be repeated.

1101 NO HDR1 LABEL ON INPUT - PIMAGE CANCELLED
The tape does not match the format of the 8410 dump restore tape. Job is cancelled.

1102 RDFCB ERROR - PIMAGE CANCELLED
Phase I attempted to execute an RDFCB and an error was encountered by PIOCS. Job is cancelled.

Retry.

1103 PRINTER I/O ERROR–PIMAGE CANCELLED ON LAST PHASE
This phase is only a list phase and does not affect the 9300/8410 packfile creation.

1104 DISC ERROR–PIMAGE CANCELLED
Error attempting access of file.

Rerun using another disk unit or pack.

1126 KEY IN CARRIAGE TAPE NAME OR EOJ TO TERMINATE
This message appears for the absence of a data set or an error received from the first request for card input. The message is repeated after each carriage tape display until "EOJ" is keyed in to terminate the program.

Key in carriage tape or loop name to provide the display. The name must be no greater than six characters in length; characters beyond the sixth will be ignored. Keying in EOJ will terminate the program.

1127 CARRIAGE TAPE name NOT FOUND

This message is displayed on the console when the carriage tape record name specified by the operator cannot be found. The message is followed by message 1126 to allow the operator to key in a proper name or to terminate the problem.

Key in proper name or terminate.

1128 PRINTER ERROR

This message is displayed when data management detects an error during an attempt to print. The program terminates after the display of this message.

The program may be rerun at this time.

1129 ERROR DURING READ OF CARRIAGE TAPE

This message is displayed when an error is encountered during the access of a carriage tape record. The program will not terminate because of this error. It will read the next card in an attempt to continue processing.

1130 RECORD READ (name) IS NOT A CARRIAGE TAPE

This message is displayed when the record retrieved is greater than the maximum length of a carriage tape record (136 bytes) or it does not contain the proper prefix (cc or 8c). The program will not terminate because of this error. It will read the next card in an attempt to continue processing.

1131 ERROR ENCOUNTERED DURING PROCESSING

This message is displayed if an error is encountered during a request for a card image, a solicited keyin, or the display of a message on the console. The program terminates after printing this message.

1800 REMOVE 2 ERROR CARDS FROM STKR 2

This message is printed by the 360/20 emulator when a hole count error occurs on the 0604 punch during the punch cycle.

The emulator pauses until the operator replies by pressing the TRANSMIT key.

1916 MOUNT drive-number mount-number COMPLETED

The emulated 360/20 disk has been mounted on the drive specified and was identified by the mount number displayed in the message.

1950 MOUNT drive-number mount-number ATTEMPTED

The meaning is essentially the same as message 1916 except that the attempt was unsuccessful.

1951 JOB jobname STARTED

The 360/20 job having the name specified in the message has been started by the emulator.

2008 SYSTEM VFB BEING USED

The system default VFB was loaded by the system, because a special VFB was not specified by the emulator.

2479 SKIP TO NONEXISTENT PRINTER CHANNEL-FORMS RUNAWAY

A 360/20 printer command has been issued to skip to a print channel that does not exist on the carriage tape loop.

Terminate the emulator by entering either a CANCEL (dump provided) or EOJ (no dump provided), or attempt to obtain the proper record by use of a LOOP command.

7700 INPUT DEVICE NOT A DISC UNIT
Correct the "F" card, clear out the reader, and refeed the run stream with the corrected card first. Press START.

7701 UNRECOGNIZED CARD TYPE
As for 7700. (Card doesn't have H or F in column 1.)

7702 INVALID FILE TYPE
Same as for 7700. (Column 35 didn't contain I, S, or D.)

7703 OUTPUT DEVICE TYPE INVALID
Same as for 7700.

7704 LU # INVALID
Same as for 7700. (Could be that either the input or output logical unit doesn't contain valid hexadecimal digits, or is beyond range of unit numbers available in this configuration.)

7705 INSUFFICIENT MEMORY TO PROCESS THIS BLOCKSIZE
Same as for 7700. (If the blocksize you specified was really correct, there is no immediate recovery.)

7710 RECORD FORMAT INVALID FOR THIS TYPE OF FILE
Same as for 7700.

7711 BLOCKSIZE NOT A MULTIPLE OF RECORDSIZE
Same as for 7700.

7712 INPUT FILE NOT ON VTOC
Mount the right disk pack and UNLOAD retries the search (00 reply), or as for 7700 (02).

7713 READ ERROR OR INVALID VTOC RECORD ON address, DRIVE x
Same as for 7712.

7714 FIRST VOLUME OF INPUT FILE NOT MOUNTED
If input file is SAM, mount the correct disk pack or accept whatever volume is mounted. If input file is ISAM, you do not have the second option.

7715 KEY LENGTH SPECIFICATION IS INVALID
Same as for 7700.

7716 KEY LENGTH PLUS KEY LOCATION GREATER THAN RECORDSIZE
Same as for 7700.

7717 RECORD SIZE INVALID
Same as for 7700. (8410 ISAM requires that record size be equal to, or greater than, key length and that the sum of record size and key length be no greater than 155).

7719 RTRV ERROR
This error could occur following an attempt to resume reading an ISAM file following a read error.

771A NUMBER OF VOLUMES SPECIFIED INCORRECTLY
Same as for 7700.

771E INPUT ERROR error code
Close files as though end-of-file has occurred or attempt to resume reading the input file after the point where the read error occurred. (For 8410 ISAM, you issue a SETL macro to attempt to retrieve a record with a key greater than the one for which the error occurred. The 8410 SAM was generated with ERRO=SKIP. After the disk dispatcher halt, the sector in error will be bypassed "automatically" by SAM.)

771F END OF INPUT VOLUME
Remove the pack containing the current volume of the SAM file and mount the one containing the next volume or close the file. (The latter option may be desirable for a DAM file or for a SAM file for which you do not wish to copy all volumes. This halt occurs in addition to the usual SAM EOV halts.)

7720 CAN'T READ VOL1/FORMAT-4/FORMAT-5 LABEL
Mount a different pack for output.

7721 WRONG OUTPUT PACK. VSNxxxxxx
Same as for 7700. (This display can only occur when UNLOAD tries to open the first volume of an output file.)

7722 WRITE ERROR ON VTOC. ADDR=000 xx
Indicates that the output pack is probably defective.

Reprep the output pack.

7723 OUTPUT VTOC NOT ON CYLINDER ZERO
Same as for 7720.

7724 OUTPUT VTOC FULL
Same as for 7720. You may not have allocated sufficient space on your VTOC. Remember that each OS/3 disk file requires at least two VTOC labels.

7725 FILE ALREADY ON OUTPUT VTOC
Same as for 7720. (This is your protection against having two files with the same label on an output pack.)

7726 VSN xxxxxx NOW MOUNTED
This message always occurs when you have mounted a new volume; it also occurs after you mount a different pack in response to various other 772x displays.

Use this pack or mount a different pack.

7728 NO MORE FILE SPACE AVAILABLE ON OUTPUT PACK
Same as for 7720.

7729 BLOCKING FACTOR>225
Same as for 7700. (This is a restriction imposed by OS/3.)

7788 END OF INPUT
Key in 10 RUN to continue.

7799 TAPE OUTPUT ERROR
You probably are trying to use a defective tape for output.

4. Symbolically Prefixed Messages

*

***ANAME PARAMETER TRUNCATED, EXCEEDS 4 CHARACTERS**

The ANAME parameter on the DB#GEN macroinstruction specifying the remote node exceeded four characters. The remote node name is truncated to four characters.

No corrective action is required.

***BOTH PFILE AND TERM PARAMETERS MISSING,**
***DB#SNT CALL NOT PROCESSED**

This two-line message is displayed when the PFILE and TERM parameters were not specified on the DB#SNT macroinstruction. Processing continues for validity check.

Correct the error and resubmit the job.

***CPASS PARAMETER TRUNCATED, EXCEEDS 10 CHARACTERS**

The CPASS parameter on the DB#GEN macroinstruction specifying the COBOL password exceeded 10 characters. The password is truncated to 10 characters.

No corrective action is required unless password differs between COBOL program and CMCS module.

***DATA BASE GENERATION TERMINATED, CALL IGNORED**

Another macroinstruction was detected following the DB#END macroinstruction. The DB#END must be the last macroinstruction in the CMCS control stream. All macroinstructions following the DB#END are ignored.

No corrective action required unless the macroinstruction following the DB#END is needed; then resubmit the job.

***DB#GEN CALL IS INVALID, CALL NOT PROCESSED**

The DB#GEN macroinstruction was incorrectly specified; processing continues.

Correct the error and resubmit the job.

***DB#IRT CALL IS INVALID, CALL NOT PROCESSED**

The DB#IRT macroinstruction was incorrectly specified; processing continues.

Correct the error and resubmit the job.

***DB#SNT CALL IS INVALID, CALL NOT PROCESSED**

The DB#SNT macroinstruction was incorrectly specified; processing continues.

Correct the error and resubmit the job.

***DB#SQT CALL IS INVALID, CALL NOT PROCESSED**

The DB#SQT macroinstruction was incorrectly specified; processing continues.

Correct the error and resubmit the job.

INVALID DATA DICTIONARY DMCL NAME, RE-RUN JOB.

DMCL name is not one to eight characters in length.

Corrrect the error, and rerun the job.

INVALID DELETE DMCL NAME, RE-RUN JOB.

User DMCL name is not one to eight characters in length.

Correct the error, and rerun the job.

INVALID DELETE SUBSCHEMA NAME, RUN-RUN JOB.

SUBSCHEMA name is not one to eight characters in length.

Correct the error, and rerun the job.

***INVALID INIT PARAMETER, DEFAULT IS NO**

The INIT parameter on the DB#SNT macroinstruction was incorrectly specified. The default value NO is assumed.

No corrective action required unless YES was intended.

***INVALID NETWORK TYPE, DEFAULT IS GBL**

The NTYPE parameter on the DB#GEN macroinstruction was incorrectly specified. A global network was assumed.

No corrective action required unless dedicated network was intended. If it is to be a dedicated network, change NTYPE and remove ANAME parameter.

INVALID SCHEMA NAME, RE-RUN JOB.

SCHEMA name is not one to eight characters in length.

Correct the error, and rerun the job.

***NNAME PARAMETER TRUNCATED, EXCEEDS 4 CHARACTERS**

The NNAME parameter on the DB#GEN macroinstruction specifying the network name exceeded four characters. The network name is truncated.

No corrective action required.

***NPASS PARAMETER TRUNCATED, EXCEEDS 8 CHARACTERS**

The NPASS parameter on the DB#GEN macroinstruction specifying the network password exceeded eight characters. The password is truncated to eight characters.

No corrective action is required.

***OUTCD PARAMETER NOT SPECIFIED, DEFAULT IS 1**

The OUTCD parameter on the DB#GEN macroinstruction specifying the number of output CDs in the COBOL communications program was omitted. One output CD is assumed.

No corrective action is required unless the number of output CDs in the COBOL program is greater than one.

***PFILE PARAMETER MISSING,**
***DB#IRT CALL NOT PROCESSED**

This two-line message is displayed when the PFILE parameter was not specified on the DB#IRT macroinstruction. Processing continues.

Resubmit the job with the PFILE parameter.

***PFILE PARAMETER MISSING,**
***DB#SQT CALL NOT PROCESSED**

This two-line message is displayed when the PFILE parameter was not specified on the DB#SQT macroinstruction. Processing continues.

Resubmit the job with the PFILE parameter.

***PFILE PARAMETER TRUNCATED, EXCEEDS 4 CHARACTERS**

The PFILE parameter on either the DB#SQT, DB#SNT, or DB#IRT exceeded four characters. The process filename is truncated to four characters.

No corrective action is required unless process filenames differ between CMCS module and ICAM CCA.

***SUBQ1 PARAMETER MISSING,**
***DB#SQT CALL NOT PROCESSED**

This two-line message is displayed when the SUBQ2 or the SUBQ3 parameter or both of them were not specified on the DB#SQT macroinstruction. Processing continues.

Resubmit the job with the missing parameters.

***SUBQ1 PARAMETER TRUNCATED, EXCEEDS 12 CHARACTERS**

The SUBQ1 parameter on the DB#SQT macroinstruction specifying the first subqueue level exceeded 12 characters. The subqueue name is truncated to 12 characters.

No corrective action is required unless the subqueue level name differs between the COBOL program and the CMCS module.

***SUBQ2 PARAMETER MISSING,**
***DB#SQT CALL NOT PROCESSED**

This two-line message is displayed when the SUBQ1 parameter was not specified on the DB#SQT macroinstruction. Processing continues.

Resubmit the job with the SUBQ1 parameter.

***SYMN PARAMETER MISSING,**
***DB#SNT CALL NOT PROCESSED**

This two-line message is displayed when the SYMN parameter was not specified on the DB#SNT macroinstruction. Processing continues.

Resubmit the job with the SYMN parameter.

***SYMN PARAMETER TRUNCATED, EXCEEDS 12 CHARACTERS**

The SYMN parameter on the DB#SNT macroinstruction specifying the COBOL symbolic source or destination name exceeded 12 characters. The symbolic name is truncated to 12 characters.

No corrective action is required unless the symbolic name differs between the COBOL program and the CMCS module.

***SUBQ2 PARAMETER TRUNCATED, EXCEEDS 12 CHARACTERS**

The SUBQ2 parameter on the DB#SQT macroinstruction specifying the second subqueue level exceeded 12 characters. The subqueue name is truncated to 12 characters.

No corrective action is required unless the subqueue level name differs between the COBOL program and the CMCS module.

***SUBQ3 PARAMETER TRUNCATED, EXCEEDS 12 CHARACTERS**

The SUBQ3 parameter on the DB#SQT macroinstruction specifying the third subqueue level exceeded 12 characters. The subqueue name is truncated to 12 characters.

No corrective action is required unless the subqueue level name differs between the COBOL program and the CMCS module.

***SYMQ PARAMETER MISSING,**
***DB#SQT CALL NOT PROCESSED**

This two-line message is displayed when the SYMQ parameter was not specified on the DB#SQT macroinstruction. Processing continues.

Resubmit the job with the SYMQ parameter.

***SYMQ PARAMETER TRUNCATED, EXCEEDS 12 CHARACTERS**

The SYMQ parameter on the DB#SQT macroinstruction specifying the symbolic queue name exceeded 12 characters. The symbolic queue name is truncated to 12 characters.

No corrective action required unless symbolic queue name differs between the COBOL program and the CMCS module.

***TERM PARAMETER MISSING,**
***DB#IRT CALL NOT PROCESSED**

This two-line message is displayed when the TERM parameter was not specified on the DB#IRT macroinstruction. Processing continues.

Resubmit the job with the TERM parameter.

***TERM PARAMETER TRUNCATED, EXCEEDS 4 CHARACTERS**

The TERM parameter specified on either the DB#SNT or DB#IRT macroinstruction exceeded four characters. The terminal name is truncated to four characters.

No corrective action required unless terminal name differs between the CMCS module and the ICAM CCA.

* * *

*****A PERIOD HAS BEEN ADDED TO THE BEGINNING OF ABOVE SEQUENCE SYMBOL*****

No response required.

*****ABOVE DTF DELETED. ALL GETS TO IT ARE CHANGED TO GETCS**

No response required.

*****ABOVE STMT IS PRIVILEGED OR DOESN'T EXIST ON THE 90/30, STMT DELETED**

Write a proc or macro to perform the function of the opcode.

*****ABOVE 18 WORD SAVE AREA IS ADDED FOR 90/30 DATA MANAGEMENT.**

No response required.

*****ACCELERATED DIRECTORY SEARCH IS NOW DISABLED*****

The YLOD library is packed. Reboot the system.

*****CONTROL CARD INVALID OR OUT OF SEQUENCE*****

A DUPL card is incorrect or is out of sequence.

Correct the error, and rerun the job.

*****CONTROL STREAM ERROR---JOB ABORTED*****

Check /$ and // PARAM statements.

*****C/S SEQUENCE ERROR*****

Message is printed when first statement read from the control stream is not a start-of-embedded (/$) or // PARAM statement.

*****DATA DICTIONARY SUCCESSFULLY (UN,RE)LOADED*****

Data dictionary is successfully unloaded or reloaded.

Informational message, no action required.

*****DDRELD ABNORMAL TERMINATION*****
*****DATA DICTIONARY INCOMPLETE*****
*****RESPOND MESSAGE NUMBER AND TRANSMIT TO CONTINUE*****

This 3-message set is produced by the DMS-ABORT section, and is preceded by an appropriate DMS error message. The data dictionary reloaded process is abnormally terminated and the data dictionary is incomplete.

Enter the error number and transmit to continue.

*****DDUNLD ABNORMAL TERMINATION*****
*****OUTPUT1 FILE INCOMPLETE, DO NOT RELOAD*****
*****RESPOND MESSAGE NUMBER AND TRANSMIT TO CONTINUE*****

This 3-message set is produced by the DMS-ABORT section and is preceded by an appropriate DMS error message. The OUTPUT1 file is incomplete and not useful for reloading the data dictionary.

Enter the error number and transmit to continue.

*****(DDUNLD,DDRELD) BEGINNING (UN,RE)LOAD PROCESS*****

The DDUNLD unload or DDRELD reload process is beginning.

Informational message, no action required.

*****DEBUG VALUE IN ERROR*****

The value in the // PARAM DBG=X'.....' has been incorrectly specified.

*****DUMP RESTORE TERMINATED NORMALLY DATE= yy/mm/dd TIME= hh.mm.ss**

This is an informational message indicating successful completion of dump/restore noting time and date at termination.

*****DUMP RESTORE TERMINATED WITH ERROR(S) UPSI= 'number' DATE= yy/mm/dd TIME= hh.mm.ss**

This is an informational message indicating error count and the UPSI byte setting and the time and date at termination.

*****ERROR ON ATTEMPT TO REFERENCE OUTPUT FILE...JOB ABORTED*****

No DVC sequence for output file specified on // PARAM OUT = statement, or error referencing this file.

*****ERROR ON ATTEMPT TO REFERENCE WORK FILE...JOB ABORTED*****

No work file allocated (//WORKn), or not enough space on work file (// WORKn BLK=xxxx)

*****ERROR***INVALID CONTINUATION CARD**

Correct the continuation card and rerun the job.

*****MAX NO OF CONTINUATION CARDS EXCEEDED, STATEMENT NOT PROCESSED**

Make statement less than 10 cards (records) or convert it to 90/30 format.

*****ERROR***THIS DTF CANNOT BE PROCESSED.**

Specify a file name for the DTF.

*****FILE NAME ON IN STATEMENT IN ERROR, ASSEMBLER ABORTED*****

The file name on the // PARAM IN = statement has been incorrectly specified. Assembler terminates here.

*****FIRST NAME ON COPY STATEMENT IN ERROR, DEFAULT WILL BE SEARCHED, REMAINDER OF STATEMENT IGNORED*****

The first file name on the // PARAM CPY= statement has been incorrectly specified. The assembler defaults to YSRC and ignores the remainder of this PARAM statement.

*****FIRST NAME ON LIN STATEMENT IN ERROR, DEFAULT WILL BE SEARCHED, REMAINDER OF STATEMENT WILL BE IGNORED*****

The first file name on the // PARAM LIN= statement has been incorrectly specified. The assembler defaults to YMAC and ignores the remaining options of this PARAM statement.

*****FIRST RECORD OF MODULE OR FILE IS NOT A HEADER RECORD-PROCESS NEXT INPUT STATEMENT*****

Check the following:

1. Disk module has no librarian header.
2. First record in SAM tape file is not a header.

*****I/O ERROR ON INPUT, ASSEMBLER ABORTED*****

An unrecoverable I/O error was encountered on reading either the control stream or the source input file.

*****IOA1=SCAN$BUF HAS BEEN ADDED TO THE DTF, THE BUFFER IS ADDED BELOW**

No response is required.

*****INCORRECT STATEMENT FORMAT, STATEMENT IGNORED*****

Message appears only if too many options are specified in this PARAM statement. This may occur if columnn 72 is not blank or there is no blank between the operator and operand.

*****INPUT STATEMENT ERROR STATEMENT IGNORED*****

Check the following:

1. Format must conform with specification.
2. File name must terminate on a comma, blank, or left parenthesis.
3. Prefix or file name length error (must be one to eight characters).
4. Prefix must terminate on a blank.
5. On "card" input, module name must terminate on blank.
6. Other error message (e.g., data management).

*****INPUT1 FILE IS EMPTY..CANNOT RELOAD*****
*****DDRELD ABNORMAL TERMINATION*****
*****RESPOND MESSAGE NUMBER AND TRANSMIT*****

This 5-message set appears when the incomplete OUTPUT1 file of an unsuccessful DDUNLD operation is used as INPUT1 to DDRELD. DDRELD abnormally terminates, preventing accidental destruction of a data dictionary.

Enter the error number and transmit to continue.

*****INSUFFICIENT BUFFER SPACE AVAILABLE ASSEMBLER ABORTED*****

Message is printed if available main storage is not large enough.

*****INVALID GO TO/DEPENDING, ABNORMAL TERMINATION*****
*****DDRELD DATA DICTIONARY INCOMPLETE*****
*****RESPOND MESSAGE NUMBER AND TRANSMIT*****

This 3-message set appears when there is an internal logic error within DDRELD. The data dictionary reload is incomplete.

Enter the error number and transmit to continue.

*****INVALID RECORD ID, ABNORMAL TERMINATION*****
*****DDRELD DATA DICTIONARY INCOMPLETE*****
*****RESPOND MESSAGE NUMBER AND TRANSMIT*****

This 3-message set appears when there is an internal logic error within DDRELD. The data dictionary reload is incomplete.

Enter the error number and transmit to continue.

*****MODULE NAME ERROR–ONLY THE MODULE NAMES PRIOR TO THE NAME IN ERROR WILL BE PROCESSED*****

Check the following:

1. Module name did not terminate on a comma or right parenthesis.
2. Module name length error (must be one to eight characters).
3. Too many module names in list. Place balance on separate input statement.

*****MODULE NAME ON IN STATEMENT ERROR, ASSEMBLER ABORTED*****

The module name on the // PARAM IN= statement has been incorrectly specified. Assembler terminates here.

*****MODULE (module-name) NOT FOUND IN FILE. CANNOT BE PROCESSED*****

Check module name for misspelling.

*****NAME IS OVER 8 CHARACTERS ON ZERO LENGTH*****

Correct the statement in error.

*****NO SOURCE INPUT OR I/O ERROR ON INPUT, ASSEMBLER ABORTED*****

Message is printed if the assembler is unable to locate the control stream in the job file.

*****NO /$ OR // PARAM IN = STATEMENT IN C/S. ASSEMBLER ABORTED*****

Message will be printed if, after reading the entire control stream, no start of embedded data (/$) or // PARAM IN= statement has been encountered.

*****PARAM STATEMENT ERROR-STATEMENT IGNORED*****

Check the following:

1. COL. 72 must be nonblank.
2. "SEQ", "OUT", "SUB" and "LST" are the only legal options.
3. Only legal "LST" option is LST=NOLIST.
4. Output file name must terminate on a blank.
5. Output file name length error. (Must be one to eight characters).
6. Only legal "SEQ" option is SEQ=YES.
7. Only legal "SUB" option is SUB=YES.

*****SAVEAREA=SCAN$SAV MUST BE ADDED TO ABOVE DTF'**

Add the SAVEAREA=SCAN$SAV keyword to the DTF, or load register 13 with address of 18-word SAVEAREA.

*****SCAN WILL PROCESS ONLY STANDARD ASSEMBLY LANGUAGE STATEMENT FORMAT, MODULE NOT PROCESSED**

Process module by hand or get module in standard BAL statement format; i.e., label starts in column 1; column 72 is continuation column; 73-80 is sequence field.

*****SECOND NAME ON COPY STATEMENT IN ERROR, FIRST FILE WILL BE SEARCHED ONLY. REMAINDER OF STATEMENT IGNORED*****

The second name on the // PARAM CPY= statement has been incorrectly specified. Only the first file is searched, and the remainder of this PARAM statement is ignored.

*****SECOND NAME ON LIN STATEMENT ILLEGAL*****

Illegal specification of second file name on // PARAM LIN = statement; for example, // PARAM LIN=(N), YMAC.

*****SECOND NAME ON LIN STATEMENT IN ERROR, FIRST FILE WILL BE SEARCHED ONLY, REMAINDER OF STATEMENT IGNORED*****

The second file name on the // PARAM LIN= statement has been incorrectly specified. Only the first file is searched, and the remainder of this PARAM statement is ignored.

*****SOURCE INPUT MODULE CANNOT BE LOCATED, ASSEMBLER ABORTED*****

The assembler was unable to locate the source input module in the specified (default) library.

*****SPECIFIED ICTL VALUES ARE IN ERROR, ASSEMBLER ABORTED*****

The values as specified in this ICTL statement are in error. The assembler terminates here.

*****SYSTEMS UTILITY DUMP RESTORE VER= number DATE= yy/mm/dd TIME= hh.mm.ss**

Printer header identifying dump/restore, the version number and the date and time of the run.

*****THE ABOVE BAS/BASR HAS BEEN CHANGED TO A BAL/BALR**

No response is required.

*****THE ABOVE CANCL CALL HAS BEEN CHANGED TO A 90/30 CANCEL CALL**

No response is required.

*****THE ABOVE MSG CALL HAS BEEN CONVERTED TO A 90/30 OPR CALL**

No response is required.

*****THE ABOVE PSEUDO USING IS REPLACED BY SCAN$XFR-SCAN$FST**

No response is required.

*****THE ABOVE STATEMENT CANNOT BE PROCESSED**

Correct the statement.

*****THE ABOVE USING WAS REBUILT OR DELETED**

No response is required.

*****THE ABOVE 2 STMTS ARE ADDED FOR EOF CHECK**

No response is required.

*****THE BUFFER SIZE FOR THE ABOVE FILE IS ROUNDED UP TO MULT OF 256**

The code that accesses the I/O area may require changing because of the increased buffer size.

*****THE G%XX or L%XX IS CHANGED TO &GXX OR &LXX**

No response is required.

*****THE IOAREA FOR ABOVE DTF WILL BE HALFWORD ALIGNED**

No response is required.

*****THE MPDP AND EDIT ROUTINES ARE NOT NEEDED SO THEY HAVE BEEN DELETED**

No response is required.

*****THE PERCENT CHAR IS REPLACED BY A $**

No response is required.

*****THIS OPEN/CLOSE IS NOT NEEDED, THE DTFCS HAS BEEN DELETED**

No response is required.

*****WARNING*** A DO STATEMENT LABEL CANNOT APPEAR IN A LCL OR GBL STATEMENT**

Ensure do label is not an LCL, GBL, LCLA, LCLB, LCLC, GBLA, GBLB, GBLC statement.

*****WARNING***DATA FROM THIS FILE STARTS AT 1ST POS OF IOAREA**

The code that accesses the I/O area may require changing because the data starts at first position of I/O area.

*****WARNING*** DIRECT ADDRESSING WITH MORE THAN ONE CSECT MAY NOT WORK**

Give each CSECT as input to SCAN separately.

*****WARNING***THE ABOVE DTF IS NOT SUPPORTED BY 90/30 DATA MANAGEMENT**

Write proc/macro to perform function of the DTF or delete it.

*****90/30 DISC FILES CAN'T HAVE UNDEFINED RECORD FORMATS**

Define record formats.

****

****** ERROR: INPUT FROM DIALOG PROCESSOR REJECTED**
The dialog processor detected an error while reading the input file.

****** ERROR: INPUT RECORD COULD NOT BE PRINTED**
An error was detected while attempting to print the output of the dialog session. The record is passed to the permanent file for output. The dialog continues to read from input.

****** ERROR: OUTPUT TO TEMPORARY FILE REJECTED**
An error occurred while writing to the temporary work file. The dialog will continue to write other records to the file.

****** ERROR: FILE COULD NOT BE CLOSED**
An error was detected while attempting to close the workstation or the temporary work file.

****** ERROR: DMSEL FOR PERMANENT FILE REJECTED**
An error was detected during a DMSEL operation.

****** ERROR: COULD NOT READ TEMPORARY FILE RECORD**
An error was detected while reading a record from the temporary work file. The dialog continues reading.

****** ERROR: COULD NOT WRITE PERMANENT FILE RECORD**
An error occurred attempting to write to the permanent file.

****** ERROR: PERMANENT MODULE NOT ADDED**
An error occurred while writing to the permanent file to YJCS (JC$BLD) or YSRC (SG$BLD).

*****

*******DDPnnn IS AN INVALID MESSAGE *******
This message may appear by itself or as part of another message. One of the processing modules has used an invalid message number, DDPnnn.

This is an internal DDP problem. Contact your Sperry representative.

****

*********_ _ _ _ _ _ _ _ _ _ _ _ _JOBS W/_ _ _ _**
_ _ _ _ _ _ _PRIORITY_ _ _ _ _ _ _ _ _
DI JBQ heading line correction to the word 'PRIORITY'.

This message is informational only. No action is required.

ACKNOWLEDGE

This message pertains to workstation only. A message displayed on the system message line has not been acknowledged via a null transmission.

With cursor at home, transmit; if additional messages are not displayed, a switch to workstation mode will be accepted.

BAD COMGEN

The requested ICAM symbiont has not been properly initialized by COMGEN. This occurs most commonly when ICAM load modules on another SYSRES are copied into a SYSRES without doing another COMGEN.

Do a COMGEN rather than copying the ICAM load module.

BAD I.C. BUF

An unsolicited type-in to a user's island code was not accepted because the user's input message buffer is outside the user's job region.

Terminate the job step and inform the user of the error condition.

BAD PARAM

One or more of the parameters entered as part of the associated command is illegal.

Correct the command and retransmit.

CHAN ADDRA

An illegal channel or device address was entered as a parameter to the associated SET command.

Correct the command and retransmit.

DVC NOT AVL

The console command specified a device that is down or not available.

Correct the problem and retransmit the command.

EL FULRSP NG

The response to message EL05 was not W (wrap) or O (off).

Respond W or O and retransmit.

ILL DATE

The date entered on the associated SET command is illegal.

Correct the command and retransmit.

ILL JOB#ID

The job number entered as a parameter in the associated command is not the legal job number of the job.

Correct the command and retransmit.

ILL JOB ID

The job message identification number does not match the ID of any job that is waiting for a reply or a GO command from the operator.

Correct the job message identification number and retransmit.

ILL JOBNAME

The job name specified in the associated command is either more than eight characters long or missing.

Correct the command and retransmit.

ILL NUMERIC

A numeric field in the associated command has a nonnumeric character in it.

Correct the command and retransmit.

ILL PARAM1

The first parameter in the associated command is illegal.

Correct the parameter and retransmit.

ILL PARAM3

The third parameter in the associated command is illegal.

Correct the parameter and retransmit.

ILL PARAM4

The fourth parameter in the associated command is illegal.

Correct the parameter and retransmit.

ILL PRIOR

The priority specified in the SWITCH command is illegal.

Correct the priority and retransmit.

ILL TIME

The time specified in the SET CLOCK command is illegal.

Correct the specification and retransmit.

ILLEGAL CMND

The associated command is not recognized as a valid operator command.

Correct the command and retransmit.

ILLEGAL DVC

The console command cannot be processed because the device specified is illegal, e.g., a printer specified on a RUN command.

Retransmit the command with the correct device specified.

ILLEGAL PUB

The PUB address specified in the associated command is illegal.

Correct the address and retransmit.

INTERNAL ERR

An internal software error has occurred in the operator communication processing code.

Retransmit the command. If the error persists, contact your Sperry customer engineer.

JOB NOT FND

The job identified in the associated command or unsolicited type-in cannot be found.

Correct the job name specification and retransmit.

MUST REPLY

This message pertains to workstation only. A message on the system message line requires a reply and has not been answered.

Answer the outstanding message before attempting to switch to workstation mode.

NAK-I/O ERR

The console command cannot be processed because of an I/O error on the system resident disk (SYSRES).

Retransmitting the command may correct the problem.

NAK-NO LABEL

No data set label is specified for the diskette which is to be used by the associated command.

Retransmit the command with the data set label specified.

NAK-NO READR

The console command cannot be processed because a system reader (SYSRDR) has not been configured in the supervisor.

NAK-NOT RDY

The associated command was typed in before system initialization was completed.

Retransmit the message after initialization is completed.

NAK-RDR DOWN

The associated RUN or FILE command cannot be accepted because the card reader is inoperative.

Retransmit the command after the card reader is placed back in service.

NAK-SRQ FULL

The queue of unprocessed commands (symbiont request queue) is full.

Retransmit the command after an active job terminates.

NAK-SRQ LOCK

The queue of unprocessed commands (symbiont request queue) is locked.

Retransmit the command.

NO DVC AVAIL

The console command cannot be processed because an available device, required by the function, cannot be found. For example, a printer cannot be found to satisfy a PR command.

NO I.C.

An unsolicited request was made to a job that contains no island code to handle unsolicited requests. The request, therefore, cannot be accepted. This message normally indicates that the operator has referenced the wrong job in his unsolicited request message.

NON-INTRPT

The associated command cannot be processed because the job referenced in the command is in the process of being cancelled (noninterruptible).

No operator action is required.

↰NO SPOOLING↰

The console command cannot be processed because the spooling feature was not configured in the supervisor.

↰NOT SYSGENED↰

A LIMITS command was issued, but the system does not have resource management capability.

↰SE EL LGT OF↰

The operator has attempted to turn on error logging and ONUERL (currently running) has turned it off.

Wait until ONUERL is terminated.

↰SE EL NO ANS↰

The operator attempted to issue a SET ELOG command while message EL05 was still outstanding.

Respond to message EL05 before issuing a SET ELOG command.

↰SE EL NO LOG↰

Either no error log file is configured for your system or the file was disabled at system initialization.

↰SE EL P2 NG↰

There is an error in the second parameter of the SET ELOG command just issued.

Correct and retransmit.

↰SE EL P3 NG↰

There is an error in the third parameter of the SET ELOG command just issued.

Correct and retransmit.

↰ ↰ ↰ ↰ ↰ WARNING! SYSTEM IS DEGRADED. SOME JOBS MAY BE LOST↰ ↰ ↰ ↰ ↰

The system error described in a previous message has caused serious and possibly fatal damage to the system. Some recovery has been attempted to avoid an HPR but one or more jobs currently active in main storage may have been lost.

You should immediately HOLD all jobs on the job queue. Although some active jobs might continue to execute normally, it's safest to CANCEL all nonessential jobs from the system and IPL again as soon as possible.

E YCAT CATALOG PASSWORD NOT GIVEN OR INVALID

Password omitted or incorrect.

Correct password specification and retry.

E A CLUSTER CONTROLLER MUST BE THE FIRST TERMINAL ON A LINE

An ADDR=n keyword on term macro defines a cluster controller if line DEVICE=(UDLC,I). A cluster controller must be the first terminal for a UDLC line.

E A MINIMUM OF ONE DISPLAY PORT MUST APPEAR BETWEEN CLUSTER CONTROLLERS

Adjacent cluster controllers are invalid.

E AN AUXILIARY DEVICE CAN ONLY BE SPECIFIED AFTER THE WORKSTATION TO WHICH IT IS CONNECTED IS GENERATED

Generate the workstation before specifying an auxiliary device.

E CATALOG FILE SEARCH ERROR - ENTRY NOT FOUND - INVALID DISK ADDRESS POINTER

Invalid disk address.

Correct disk address and retry.

E CATALOG FILE SEARCH ERROR - FCB NOT FOUND - INVALID ADDRESS

Invalid disk address.

Correct disk address and retry.

E CATALOG FILE SEARCH ERROR - INVALID ENTRY TYPE ENCOUNTERED

Invalid entry type specified.

Correct entry type and retry.

E CHAN AND COCHAN PARAMETERS HAVE EQUAL VALUES OF x

The CHAN and COCHAN parameters cannot be equal for a device in IOGEN when running SG$PARAM.

Change the value of either CHAN or COCHAN and rerun SG$PARAM.

E CONTROL STATEMENT ERROR - MISSING OR INVALID PARAMS

Invalid parameter specification.

Correct control statement and rerun job.

E CONTROL STATEMENT SPECIFICATION ERROR

File identifier specified in FIL directive is incorrect.

Correct FIL directive and rerun job.

. . . . . E _ _ _ _ _ _ _ _ _ _ _ _
_ _ _ _ _ _ _ _ _ DEVICE ADDRESS MUST BE UNIQUE FOR EACH LWS

This is an informational message. No action required.

_ _ _ _ _ _ _ _ _ _ _ _ _ E DISK FILE - UNRECOVERABLE I/O ERROR - PASSWORD NOT CHANGED

Unrecoverable error.

Retry. If error recurs, contact your Sperry representative.

_ _ _ _ _ _ _ _ _ _ _ _ _ E keyword and parameter DUPLICATE CA SUBCHANNEL ADDRESS

Duplicate CA subchannel addresses (PORT ID) were found in CASH and PIOST keyword parameters during MCP processing.

_ _ _ _ _ _ _ _ _ _ _ _ _ E keyword DUPLICATE KEYWORD

This is a general purpose error message indicating that duplicate keyword parameters were specified.

_ _ _ _ _ _ _ _ _ _ _ _ _ E keyword and parameter DUPLICATE KEYWORD SUBPARAMETERS

This is a general purpose error message indicating that duplicate keyword subparameters were specified.

_ _ _ _ _ _ _ _ _ _ _ _ _ E ENTIRE FILE LABEL ID MUST BE GIVEN - GROUP FUNCTION INVALID

Only part of the file label was specified; the entire 1- to 44-character file label must be specified.

Correct specification and retry.

_ _ _ _ _ _ _ _ _ _ _ _ _ E ERROR IN FILE ID. - CANNOT LOCATE ALL IDENTS.

More file identifiers were specified than were found in YCAT file.

Check file identifier specifications. Correct and retry.

_ _ _ _ _ _ _ _ _ _ _ _ _ E ERROR IN FILE ID.S. - MISMATCH OCCURRED

File identifier did not match entry in YCAT file.

Correct file identifier and retry.

_ _ _ _ _ _ _ _ _ _ _ _ _ E ERROR IN GEN. FILE IDENT. SPECIFICATION

Error in general file identifier.

Correct file identifier and retry.

_ _ _ _ _ _ _ _ _ _ _ _ _ E FIL CONTROL STATEMENT - OUT OF SEQUENCE * NOT ACCEPTABLE *

FIL directive must precede all other directives.

Correct placement and rerun.

_ _ _ _ _ _ _ _ _ _ _ _ _ E FIL CONTROL STATEMENT REQUIRED - MISSING OR WAS NOT ACCEPTED DUE TO ERRORS

FIL directive missing or in error.

Specify or correct FIL directive and rerun job.

E FILE OPEN -
UNRECOVERABLE ERROR
Unrecoverable error.

Attempt to recreate environment prior to errors and rerun. If error recurs, contact your local Sperry representative.

E
FIRST CHARACTER OF LABEL IS INVALID
Correct the label and retry.

E INPUT FILE MUST
SPECIFY YCAT IN FIRST 6 CHARACTERS OF (// LBL)
FILE LABEL
LBL statement was specified incorrectly.

Correct LBL statement and rerun.

E INPUT FILE MUST
SPECIFY YCAT ON SYSRES * FUNCTION IGNORED *
Specified input file must be a YCAT file residing on SYSRES.

Correct specification and retry.

E INTERACTIVE=YES MUST
BE SPECIFIED IN SUPGEN IF A WORKSTATION IS GENERATED
If a workstation is generated, you must specify INTERACTIVE=YES when generating the supervisor.

Correct specification and rerun the job.

E table and file names
INTERNAL TABLE OVERFLOW
A critical internal table overflowed its boundary.

E
IF CCA HAS RWS THEN THERE MUST BE 1 LOCAL DM1
LOCAP WITH MODE = SYSTEM
If CCA has a remote workstation, then 1 LOCAL DM1 LOCAP with MODE=SYSTEM must be specified.

No action required.

E
INVALID ADDR nn FOR THIS DEVICE
An invalid address was specified during I/OGEN.

Correct the I/OGEN parameter and rerun.

E
SID OF SECONDARY TERM MUST BE
ONE MORE THAN SID OF PRIMARY
The SID portion of the second terminal address must be one higher than that of the primary terminal.

This is a warning message only; however, if the user tries to access a network, other problems may occur.

E INVALID AUX SPECIFICATION

In I/OGEN, the AUX keyword parameter identifies the device connections to a local workstation. These devices are in paired connections. The maximum number of devices is eight, or four paired connections. Only one auxiliary printer can be on a paired connection, and either one or two diskettes can be on a paired connection. An auxiliary printer and an auxiliary diskette cannot share the same paired connection.

Connect the AUX specification and rerun the job.

E INVALID CONTROL STATEMENT

Correct statement and retry.

E card-image INVALID DISK/TAPE FILE DESIGNATION NUMBER

For the display, dump, or restore function, the file designation number does not match the file designation number on the FIL statement.

The card is ignored and the next card is processed.

E INVALID-INPUT FILE CANNOT BE YCAT ON SYSRES * FUNCTION IGNORED *

Input file cannot reside on SYSRES.

Check specification; correct and rerun job.

E INVALID KEYWORD NAME SPECIFIED

An invalid keyword parameter has been specified on a CFP statement. Valid keywords are RDOLD, RDNEW, WROLD, and WRNEW.

Correct statement and rerun.

E parameter INVALID KEYWORD PARAMETER

An invalid parameter has been specified in the preceding keyword.

Correct statement and rerun.

E INVALID-OUTPUT FILE CANNOT BE YCAT ON SYSRES * FUNCTION IGNORED *

Output file cannot reside on SYSRES.

Function is ignored. Check file specification and correct and rerun job.

E keyword INVALID SPECIFICATION FOR A DEDICATED CCA NETWORK

An invalid keyword was specified for a dedicated CCA network generation.

Correct the keyword and rerun the job.

E keyword INVALID SPECIFICATION FOR A GLOBAL CCA NETWORK

An invalid keyword was specified for a global CCA network generation.

Correct the keyword and rerun the job.

E keyword and parameter KEYWORD HAS MISSING PARENTHESIS -

Missing parenthesis was found during the parameter format validation phase of ICAM generation.

Correct the parameter format and rerun the job.

E keyword KEYWORD INVALID IF keyword IS (NOT) SPECIFIED

This is a general SYSGEN error message used for UDLC line usage keyword errors.

E keyword KEYWORD INVALID IF keyword KEYWORD SPECIFIED FIRST

DELETE/INCLUDE keywords are mutually exclusive and substituted into the message accordingly.

E LBL keyword KEYWORD INVALID WITH THIS DEVICE TYPE

An invalid keyword has been specified for this device type.

Correct statement and rerun.

E LIBRARY UTILITY ERROR nn IN LOOKUP OF {I/OMOD / NTRMOD / SUPMOD} IN SOURCE LIBRARY

The SG$CKMOD routine returned other than a found-not found condition.

E LIBRARY UTILITY ERROR nn IN LOOKUP OF program-name ON RELEASE VOLUME $YSLOD LIBRARY

The DRC$FIND routine returned other than a found-not found condition.

E macro-name MACRO REQUIRES A NAME IN THE LABEL FIELD

A label name is required for the specified macro.

Repunch card with name and rerun with SG$PARAM.

E MAXIMUM AUX SPECIFICATIONS REACHED FOR THIS DEVICE

The AUX keyword values associated with AUXPRINTER and AUXDISKETTE can only be used once with each local workstation.

E card-image MISSING DVC-LFD SET FOR INPUT FILE * REQUESTED FUNCTION IGNORED *

For the dump, restore, or display function, the device assignment set for the input file is missing. The requested function is ignored.

Supply the missing device assignment set and rerun the job.

E card-image MISSING DVC-LFD SET FOR OUTPUT FILE * REQUESTED FUNCTION IGNORED *

For the dump or restore function, the device assignment set for the output file is missing. The requested function is ignored.

Supply the missing device assignment set and rerun the job.

E NON-SYSRES DISK FILE - UNRECOVERABLE I/O ERROR

Unrecoverable error.

Attempt to re-create environment prior to error and rerun. If error recurs, contact your local Sperry representative.

E {supervisor-name / I/O-name / NTR-name} NOT FOUND IN SOURCE LIBRARY

The name specified on the I/OMOD, NTRMOD, or SUPMOD keyword could not be found in the source library by GCKMOD.

Verify that the keyword was specified correctly. If incorrect, properly specify the keyword and restart generation.

E NUMBER OF AUX EXCEEDS LIMIT

The current valid AUXn numbers are AUX1 through AUX44.

Correct the AUX specification and rerun the job.

E OUTPUT FILE MUST SPECIFY YCAT IN FIRST 6 CHARACTERS OF (// LBL) FILE LABEL

LBL statement was specified incorrectly.

Correct LBL statement and rerun.

E OUTPUT FILE MUST SPECIFY YCAT ON SYSRES * FUNCTION IGNORED *

For the restore function, the DVC-LFD device assignment set for the output file must specify YCAT on the IPL SYSRES.

The card is ignored, and the next card is processed. Correct the device assignment set and rerun the job.

E READ/WRITE - OLD FILE PASSWORD MISMATCH

Original read/write passwords for a file do not match those given on CFP statement.

Correct statement and rerun.

E REMOTE WORKSTATIONS MUST BE GENERATED IF REMOTE PRINTERS OR REMOTE DISKETTES ARE GENERATED

Remote workstations must be specified in order to specify remote printers or diskettes.

E {rid / sid} RID DEFINITIONS FOR DCT500 MUST BE UNIQUE FOR EACH TERMINAL ON A LINE

RID SID definitions for DCT500 terminals must be unique for each terminal on a line.

E SAT DISK READ I/O ERROR ON YCAT FILE

A read I/O disk error occurred on the YCAT file.

Retry. If error recurs, contact your local Sperry representative.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E {rid / sid} SID DEFINITIONS FOR DCT500 MUST BE UNIQUE FOR EACH TERMINAL ON A LINE

RID SID definitions for DCT500 terminals must be unique for each terminal on a line.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E SYSRES I/P FILE- UNRECOVERABLE I/O ERROR

Unrecoverable error.

Attempt to recreate environment prior to error and rerun. If error recurs, contact your local Sperry representative.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E SYSRES O/P FILE- UNRECOVERABLE I/O ERROR

Unrecoverable error.

Attempt to recreate environment prior to error and rerun. If error recurs, contact your local Sperry representative.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E SYSRES RDFCB UNRECOVERABLE ERROR

Unrecoverable error.

Take dump and contact your local Sperry representative.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E TAPE FILE- UNRECOVERABLE I/O ERROR

Unrecoverable error.

Perform standard recovery procedures and rerun. If error recurs, contact your local Sperry representative.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E {rid / sid} TERMINALS WITHIN A POLLING GROUP MUST HAVE UNIQUE SID SPECIFICATIONS

A specification error exists if a unique SID has not been specified for each terminal in a polling group.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ E {rid / sid} TERMINALS WITH SAVE RID SPECIFICATION MUST BE ADJACENT IN THE NETWORK

All terminals in a polling group must have the same RID and all term macros for terminals in a polling group must be adjacent in the network definition.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ W 2K COS USED BY EXTCOBOL, FORTRAN, AND FORTIV

This is a SYSGEN diagnostic message stating that 2K of control only storage (COS) is required to support extended COBOL, FORTRAN, and FORTRAN IV.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ W CARD IGNORED - INCOMPLETE INFORMATION

Control card not complete.

Correct card and retry.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ W _ _ _ _ _ _ _ - CONTROL AND TYPEFILE KEYWORD(S) IGNORED IF TYPE KEYWORD IS SPECIFIED

This is an NTR parameter validation error message indicating that the TYPE keyword specification will override the CONTROL and TYPE-FILE specifications.

W GENERATED MACRO FILE CANNOT SUPPORT module-name WHEN module-name IS ALSO CHOSEN IN A CDI ENVIRONMENT

Some system-supplied program modules specified on the RESGEN INCLUDE/DELETE parameter are supported only in a DTF environment.

If your supervisor operates in a mixed data management mode, copy the modules that are not supported from your macro library (YMAC) to an alternate library.

If your supervisor operates in a CDI-only data management mode, you cannot run the program modules that a CDI-only supervisor does not support.

W parameter-specification HAS BEEN ADDED TO THE LIST OF INCLUDE PARAMETERS BASED UPON OTHER RESGEN SPECIFICATIONS.

The parameter specification displayed has been added to include parameter list.

W keyword and parameter IS NOT A CONFIGURABLE ITEM

An invalid specification has been given for DELETE or INCLUDE RESGEN parameters.

Remove the keyword parameter in error and restart generation.

W keyword KEYWORD SPECIFICATION IGNORED IF keyword KEYWORD IS UNSPECIFIED

This is a general message indicating that the required keyword has not been specified.

Specify the indicated keyword and restart generation.

W keyword KEYWORD VALUE EXCEEDS LIMITATION SET BY keyword

This is a general message flagging invalid keyword values dependent upon other keywords.

Correct the invalid keyword value and restart generation.

W keyword and parameter OBSOLETE KEYWORD - CARD IGNORED

This is a general purpose warning message issued for keywords that are no longer supported.

W macro-name OBSOLETE MACRO - CARD IGNORED

This is a warning message issued for macros no longer supported but not flagged by the assembler.

W TERMINAL DESTINATION AND/OR PROCESS FILE DISC SPECIFIED - MISSING * DISCFILE FILEDIV=N *

A FILEDIV keyword parameter is required on the DISCFILE macroinstruction when previous specifications indicated disk queueing.

W USER PROGRAM program-name IS ALREADY IN YLOD

This is a warning message issued when the DRC$FIND routine finds a duplicate user program in YLOD.

W keyword VFB KEYWORD(S) IGNORED UNLESS TYPE=PRINTER

This is an NTR parameter validation error message indicating that the TYPE=PRINTER keyword parameter must be specified if the VFB keyword specifications are to be accepted.

Verify the NTR keyword parameter specifications and restart generation.

W YCAT CATALOG FILE - NOT PASSWORD PROTECTED - USER SUPPLIED A PASSWORD

A password was specified for a catalog file that is not password protected.

Processing continues.

W YCAT FILE EMPTY

For the display function, the YCAT file is empty.

The program is terminated.

> · > · > · > · >

>·>·>·>·> **RESTART OF DMPRST AT CYL=cccc HEAD=hh filename FILE**

This is an informational message indicating where the dump restore routine restarted. It is restarted at the cylinder and head of the file specified.

>·>·>·>·> **RESTART OF DMPRST WITH filename FILE**

This is an informational message indicating that the dump restore routine restarted at the beginning of the specified file.

5. Unprefixed Messages

A DEVICE TYPE MUST BE 1 TO 4 ALPHANUMERIC CHARACTERS

When using SDU, you attempted to add or delete a device from the YSDF file and specified a device type that is not one to four alphanumeric characters long.

No action is required. SDU requests another device type.

A MICROCODE ID MUST BE 1 TO 8 ALPHANUMERIC CHARS

When using SDU, you attempted to add the microcode-id for a device to YSDF and the microcode-id is not one to eight alphanumeric characters long.

No action is required. SDU asks you to enter another microcode-id.

A SERIAL NUMBER MUST BE 1 TO 8 ALPHANUMERIC CHARS

When using SDU, you attempted to add a device to YSDF and specified a serial number that is not one to eight alphanumeric characters long.

No action is required. SDU asks you to enter another serial number.

ADDRESS OF BUFFER IN ICT ENTRY IS INVALID

An error occurred during an attempt to free the buffer assigned to the ICT entry.

This is an informational message.

ADDRESS OF ICT ENTRY IS INVALID

An error occurred during an attempt to deallocate the ICT entry from the bit map. This is an internal DDI error.

This is an informational message.

F ALLOCATED JOB AREA TOO SMALL TO LOAD IMS

Minimum main storage specified on // JOB card at IMS 90 start-up is inadequate.

Increase main storage allocation and rerun.

ANY CHANGES TO DYNAMIC BUFFER MANAGEMENT PARAMETERS? (Y,N)

This message asks whether the dynamic buffer management parameters are to be altered at initial program load.

Reply Y to alter parameters or N to leave them the way they were specified at SYSGEN.

ANY RESIDENT SHARED MODULES TO ADD OR DELETE? (Y, N)

This message appears when the operator responds with Y to the following question on the DATE/TIME screen: MODIFY SUPERVISOR? (N, Y DEFAULT=N)

Respond with N to continue IPL process, or Y to allow interactive modification of the RESHARE list specified at SYSGEN.

ATTACH ERROR

Error occurred when IMS 90 issued an ATTACH macro for a subtask. Contact Sperry representative for possible system error.

ATTENTION ON DVC device-address. DVC TYPE NOT DEFINED

There is no matching entry in the physical unit block (PUB) for the device that received an attention interrupt. This is an informational message.

No reply is necessary.

AVR COMMAND NOT ALLOWED ON THIS DEVICE

This message is issued when an AVR console command specifies a diskette for the device.

Correct the device specification in question and reissue the command.

F BLKSIZE FOR { AUDFILE / CONDATA / TOMFILE } LARGER THAN DISC TRACK SIZE

The SAT file partition block size is greater than the disk track size. This is a fatal error. UPSI byte is set to X'80'.

Correct the problem and rerun.

BLOCK SIZE DOES NOT EQUAL RECORD SIZE FOR FIXED UNBLOCKED OUTPUT RECORDS

Check BLKL and RECL parameters (or their defaults) for SAM/DAM fixed unblocked records and correct as necessary.

BLOCKED RECORDS NOT SUPPORTED BY DAM

This is an OS/3 restriction.

Specify RTYP=FU or RTYP=VU.

BLOCKS REMAINING DIRECTORY number PRIME number THIRD number UNUSED number

This is an informational message specifying the number of blocks remaining for the three partitions plus unused space.

BREAKPOINT ALREADY IN PROGRESS FOR JOB jobname

A second breakpoint request has been issued for the named job before the first request could be completed.

The second request is ignored.

BREAKPOINT REQUEST INVALID

A breakpoint request has been issued for a reader or a log spool file, or a spool file has not been configured in the system.

CANNOT ALLOCATE YFDY; ACCELERATED SEARCH DISABLED

The YFDY file on SYSRES is missing. SL$FDY has tried to allocate it and failed. The system initialization continues, but the accelerated directory search is not functional.

If the accelerated search is desired, free up at least one cylinder on SYSRES to permit YFDY to be allocated and then reboot the system.

CAN'T CLEAR MICROCODE NAME FROM LOADABLE DEVICE

When using SDU, you requested the CLEAR option when asked to specify a microcode name; you must specify a valid microcode name in this situation.

No action is required. SDU asks you to specify a valid microcode name.

CARD SEQUENCE ERROR

A nonfatal sequence error was detected in the card intermediate file. Processing continues if error limit is not exceeded. The contents of the offending card are processed.

If you cannot tolerate any errors, rerun UNLOAD and RELOAD programs.

CCA cca-name HAS ZERO LENGTH - NOT LOADED DUMP (Y,N)

One or more of the CCA parameter specifications in the IMSCONF jproc is invalid. The CCA object module specified could not be found.

Respond with Y to cancel the IMS configurator. Respond with N to terminate the configurator. Configurator processing halts with this error. The UPSI byte is set to X'80'. Correct the CCA parameter and rerun.

CCA cca-name LOADING ERROR - ERR CODE error-code

The configurator was unable to load the CCA load module generated in the first stop of IMSCONF jproc. This is a fatal error. The UPSI byte is set to X'80'. The configuration step will be completed but the assembly and link steps will be bypassed.

See Appendix A for the error code explanation and take appropriate action.

CCA cca-name LOCAP NAME NO MATCH

The LOCAP name specified in the IMS configurator input does not match any LOCAP in the CCA. This error is fatal. UPSI byte is set to X'80'.

Correct the configuration input or IMSCONF jproc keyword specifications and rerun.

CHECKPOINT number TAKEN ON lfdname FOR JOB jobname, STEP jobstep-number

This is an informational message, where:

number
Is checkpoint number.

lfdname
Is the LFD name of the file you supplied on which the checkpoints are recorded.

jobname
Is the name of the job requesting the checkpoint.

jobstep-number
Is the number of the jobstep requesting the checkpoint.

No action is required. However, if the job is to be restarted the information in the message is required for the // RST job control statement.

CLOSE ERROR ON { IMSASM / IMSLNK / $SCR1 / GETCS }, IMS ERROR CODE=nnn.DUMP(Y,N)

The IMS 90 configurator has detected an I/O error involving library files or the control stream. The configurator error codes are listed in Table A-1.

Key in Y to obtain configurator dump; N to terminate without a dump.

CMCS VALIDATION ERROR. MODULE NOT SAVED.

Validation error found when the CMCS module was checked against ICAM network. An assembly listing is produced but the CMCS module is not saved.

Correct problem and rerun job.

CONSOLE BUSY PROCESSING LAST transaction-id TRANSACTION

The console or master workstation operator entered an input message before IMS completed processing previous message.

Wait for the message indicating completion of processing, then reissue the command.

CONSOLE MARKED DOWN - SYSTEM ERROR CODE error-code

If an error occurs on an output message to the console and if it is not fatal to IMS, the console is marked down to IMS. This message is then written to the IMS job log. The error code is described in Appendix A.

CONSOLE PRINTER ERROR. COP SET TO DOWN CONDITION

A hardware error was encountered during an attempt to access the console printer. The software has turned the COP off, and no printing will occur until the operator brings the COP back up by entering a SET IO command.

CONSOLE PROCESSOR BUSY

If this message is received when entering unsolicited RTP console messages, it indicates that the system is heavily loaded and not able to process the console messages.

Allow more time between entries of console messages. If problem persists, increase the number of tanks as necessary (NUMTANKS parameter of the RTP generation statement GNOPT) and regenerate RTP.

COS-{1/2/3} RDR=(did) RES=(did) RUN=(did) SPL=(did) (did) (did) (did)

This message is displayed following a MIX SI command entry. The message identifies the COS, SYSRDR, SYSRES, and SYSRUN device identifiations and up to four spooling device ids. When five or more spool packs are used, the SPL= identifications are not included in this message. Instead, the following message is displayed to identify up to eight spooling device ids.

SPL=(did) (did) (did) (did) (did) (did) (did) (did)

DATA MGT ERR WHILE READING DISKETTE DM __ __ SUB-CODE __ __

A data management error has occurred during reading of a diskette. Refer to Appendix E for an explanation of the subcode.

DATA SET OPEN ERROR

I/O error when SU@RST opened a data set. SU@RST terminates.

Move diskette to another drive and rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. If you encountered this error midway through SU@RST, after the routine had already successfully restored all of the files on some of your diskettes, you can use the restart capability. During the rerun of SU@RST, respond Y to the request ARE YOU RESTARTING(Y/N)? Then, respond to the subsequent request, AT WHAT VOLUME (nnn)?, by keying in the 3-character volume number of the diskette at which you encountered the error.

DATE QUESTIONABLE

The date entered is six days less than or six days greater than the date keyed in at the last load from the same SYSRES. If the date entered is correct, press XMIT. Otherwise, key in the correct date and press XMIT.

DD CARD BKSZ FOR VAR LENGTH BLK NOT MULTIPLE OF 256, +4

The tape block size for the variable-length tape is not 4 plus a multiple of 256.

Correct the DD card and rerun the job. No DD card is required if the standard table block size of 256 bytes is desired.

DEVICE NOT CONFIGURED, DO YOU WISH TO CONTINUE? (Y,N)

When using SDU, you attempted to add a device to YSDF that is not configured in your system.

Reply with Y if you want SDU to ignore the error and add the device to YSDF. Reply with N if you want to end the current SDU function and return to the SDU menu.

DEVICE NOT LOADABLE, DO YOU WISH TO CONTINUE? (Y,N)

When using SDU, you attempted to add a device that is configured in your system, but is nonloadable.

Reply with Y if you want SDU to ignore the error and add the device to YSDF. Reply with N if you want to end the current SDU function and return to the SDU menu.

DEVICE SIZE OF OUTPUT DISC IS number CYLINDERS

This is an informational message indicating the number of cylinders on output disk.

DEVICE=id STATUS=b1b2 SENSE=b1b2 interpretation RUIC?

Indicates the detection of a hardware I/O error. The identification code of the device in question is displayed, together with its first two STATUS and SENSE bytes and an interpretation. The interpretation is an English translation of the sense bytes that briefly identify the error detected. For example, if the interpretation is one of the following:

REPOS - CMDRJ
REPOS - INTRV
REPOS - EQUIP

the error has occurred during PIOCS repositioning of a block-numbered tape.

The letters RUI and C are optional reply codes that may be used to respond to the message as follows:

R	Retry
U	Unrecoverable-terminate operation
I	Ignore error condition
C	Cancel user program

NOTE:

Only reply codes applicable for a given error will be displayed. All nonapplicable reply codes will be replaced by asterisks.

Before one of these reply codes is issued, the operator has the option to further interrogate the system to amplify the cause of an error and the possible effects from it. The information that may be obtained by the operator includes:

- The cylinder and head address, in hexadecimal, where a disk error was detected (CYL).
- The first six words of the command control block (CCB0-CCB4) associated with the subject device.
- The first three words of the buffer control word (BCW0-BCW2) associated with the subject device.
- The first eight words of the physical unit block (PUB0-PUB7) associated with the subject device.
- The first six words of the physical unit block trailer (PUT0-PUT5) associated with the subject device.
- The cylinder and head address, in decimal, where the disk error was detected (CYD).
- Sense bytes 2-5 from the CCB associated with the subject device (SEN).
- The first three words of the directive status word (DSW0-DSW2) associated with the subject device.
- The first three words of the SDMA I/O control word (ICW0-ICW2), or the first five words of the DMA I/O control word (ICW0-ICW4) associated with the subject device.
- The first 10 words of the I/O request block (IORB0-IORB9) associated with the subject device.
- The first 18 words of the device control block (DVCB0-DVC17) associated with the subject device.

Figure 5-1 illustrates the commands used to obtain this type of information for a device on a Series 90 system. Figure 5-2 provides this information for System 80 users. The first message illustrated in each figure is the original supervisor error message. The last message is the response to the first message. The messages in between are the optional commands that may be issued by the operator and the replies to these commands. The optional information requested by the operator whenever a hardware I/O error is detected is normally specified by the maintenance personnel servicing an installation.

```
04? DEVICE=400 STATUS=0200 SENSE=4000 INTERV REQ          R**C?
04CYL
05? DEVICE=400 CYLINDER=000A HEAD=01 RECORD=00            R**C?
05CYD
06? DEVICE=400 CYLINDER=0010 HEAD=01 RECORD=00            R**C?
06CCB0
07? DEVICE=400 WAIT=04 ERRORS=00 TRAFFIC=00 OPTNS=20      R**C?
07CCB1
08? DEVICE=400 CCB TASK CONTROL BLOCK=BA009B00            R**C?
08CCB2
09? DEVICE=400 COMPRESSED RBC=0600 NEXT CCW=B008          R**C?
09CCB3
0A? DEVICE=400 BUFFER CONTROL WORD ADDR=0000B0C0          R**C?
0ACCB4
0B? DEVICE=400 PIOCB ADDRESS POINTER=0000BABA             R**C?
0BBCW0
0C? DEVICE=400 COMMAND=07 DATA ADDRESS=00BB1E             R**C?
0CBCW1
0D? DEVICE=400 FLAGS AND COUNTS=4 000 0 006               R**C?
0DBCW2
0E? DEVICE=400 REPLACEMENT DATA ADDRESS=3100BB18          R**C?
0EPUB0
```

← Original error message
← Original request for disk address
← Disk address in hexadecimal
← Request for disk address in decimal
← Disk address in decimal

Requests for first five words of command control block and responses

Requests for first three buffer control words and responses

Figure 5-1. Typical Series 90 COP Printout Showing Operator Diagnostic Requests (Part 1 of 2)

```
0F? DEVICE=4C0 CO-CHANNEL=0C0C PRIMARY CHANNEL=0400      R**C?
0FPUB1
01? DEVICE=4C0 ALLOC=01 REVSR=00 CNTL1=0C CNTL5=00       R**C?
01PUB2
02? DEVICE=4C0 OPR CONTROL=69 CURRENT CCB=C0BCA0         R**C?
02PUB3
03? DEVICE=4C0 TYPE=20 SUB-TYPE=20 FEATURES=0000         R**C?
03PUB4
04? DEVICE=4C0 I/O QUEUE ADDR=1*EC TRAILER ADDR=164C     R**C?
04PUB5
05? DEVICE=4C0 SCHEDULER=5138 INTERRUPT=5400             R**C?
05PUT0
06? DEVICE=4C0 VOLUME SERIAL (0-3)=E2D7D3F0              R**C?
06PUT1
07? DEVICE=4C0 VOLUME (4-5)=F4F1 EXPECTED (0-1)=0000     R**C?
07PUT2
08? DEVICE=4C0 EXPECTED VOLUME (2-5)=00000000            R**C?
09PUT3
09? DEVICE=4C0 VOLUME VTOC ADDR(CCRH)=00CA 01 C0         R**C?
09PUT4
0A? DEVICE=4C0 HARDWARE CYL=0000 SOFTWARE CYL=0000       R**C?
0AR
```

Requests for first six words of physical unit block and responses

Requests for first five words of physical unit block trailer and responses

← Response to original error message

Figure 5-1. Typical Series 90 COP Printout Showing Operator Diagnostic Requests (Part 2 of 2)

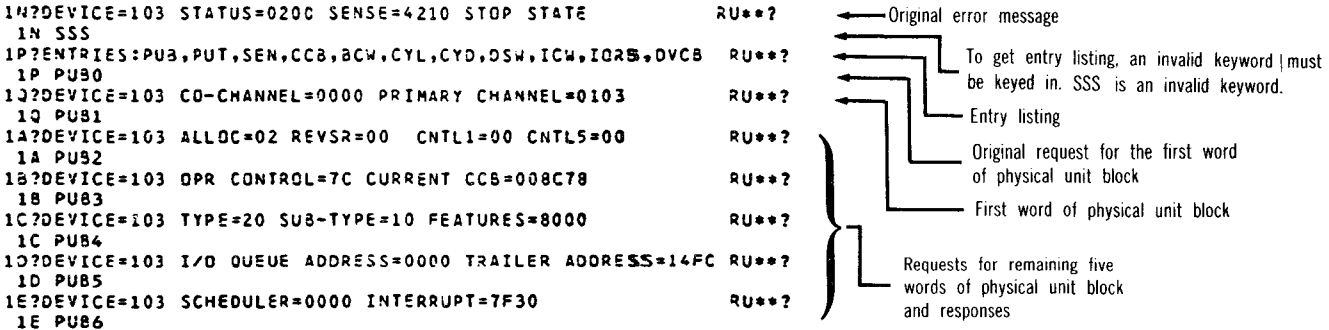

Figure 5-2. Typical System 80 Operator Diagnostic Requests (Part 1 of 3)

```
1F?DEVICE=103 CNTL3=08 DNP=00 ALCNT=00 CLOCK=00                RU**?
IF PUT0
1H?DEVICE=103 VOLUME SERIAL (0 - 3)=D9C5D3F0                   RU**?
 1H PUT1
1J?DEVICE=103 VOLUME (4 - 5)=F7F1 EXPECTED (0 - 1)=D9C5        RU**?
 1J PUT2
1K?DEVICE=103 EXPECTED VOLUME (2 - 5)=D3F0F7F1                 RU**?
 1K PUT3
1L?DEVICE=103 VOLUME VTOC ADDR (CCRH)=00A8 01 00               RU**?
 1L PUT4
1M?DEVICE=103 HARDWARE CYL=0000 SOFTWARE CYL=0000              RU**?
 1M SEN
1N? DEVICE=103  SENSE BYTES 2-5=00 00 00 00                    RU**?
 1N CCB0
1P?DEVICE=103 WAIT=04 ERRORS=02 TRAFFIC=40 OPTNS=68            RU**?
 1P CCB1
1Q?DEVICE=103 CCB TASK CONTROL BLOCK=0000C510                  RU**?
 1Q CCB2
1A?DEVICE=103 COMPRESSED RBC=4000 NEXT CCW=0100                RU**?
 1A CCB3
1B?DEVICE=103 BUFFER CONTROL WORD ADDR=02000060                RU**?
 1B CCB4
```

Requests for first six words of physical unit block trailer and responses

Request for sense bytes 2-5 from command control block and response

Requests for first five words of command control block and responses

Figure 5-2. Typical System 80 Operator Diagnostic Requests (Part 2 of 3)

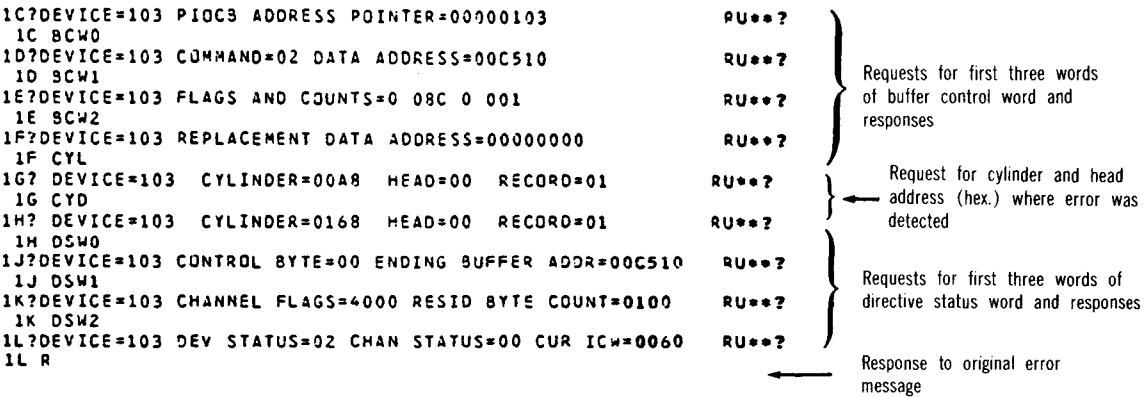

Figure 5-2. Typical System 80 Operator Diagnostic Requests (Part 3 of 3)

DISC ON DVC device-address IS NOT READY

An attention interrupt has been generated on a device which was offline or not ready.

Ready the device and rerun the job.

DISC ON DVC device-address IS IN USE REMOUNT VSN=vsn RI?**

The operator has removed a disk or diskette that is still in use. No I/O requests will be sent to the displayed device until the requested volume is remounted. Any I/O error message on the SYSRES disk channel must be responded to immediately.

After remounting the disk, an operator reply is required.

R Clears the message from the console.

I Allows I/O requests to be sent to device without verification.

DISC OPEN/CLOSE/WRITE ERROR

For details, see console sheet and Appendix B of data management user guide, UP-8068 (current version).

Correct as necessary.

DISKETTE IS NOT IN BASIC DATA EXCHANGE - symbiont-id TERMINATED

Diskettes must be in basic data exchange mode. The symbiont specified is terminated.

Re-create the diskette in basic data exchange mode.

DISKETTE ON DVC device-address IS NOT PREPPED

The VOL1 label cannot be read because the diskette was not prepped. If the message appears during initialization, the error condition is ignored.

DSKT RECORDS MUST BE 128 BYTES OR LESS, UNBLKED - symbiont-id TERMINATED

Diskette records must be 128 bytes or less in length and unblocked/unspanned.

Re-create diskette.

DUMP/RESTORE FILE NOT ON did

During SU@RST, user mounted a diskette that does not contain a dump/restore file.

When SU@RST requests the diskette input device again (did), mount the correct diskette, respond to the request, transmit, and continue with the routine.

DUMP-RESTORE INPUT= device-type INPUT VOLUME SERIAL NUMBER = vsn

This is an informational message identifying the input device and volume serial number.

DUMP-RESTORE OUTPUT= device type OUTPUT VOLUME SERIAL NUMBER = vsn

This is an informational message identifying output device type and volume serial number.

DUPLICATE VSN MOUNTED. VSN CLEARED ON DVC device-address

A duplicate VSN has been mounted on a tape or disk. The message displays which DVC (device-address) has had its VSN cleared by automatic volume recognition routine (AVR).

DVC MUST BE 'IMPL' OR A 1 TO 4 HEX CHAR ADDRESS

When using SDU, you specified an invalid identification for a device. A valid device identification must be one to four hexadecimal characters long or must be 'IMPL'.

No action is required. SDU asks you to enter a valid device identification.

END=CCC - DUMP WILL TERMINATE AT DECIMAL CYLINDER number

This is an informational message identifying the last cylinder to be copied, as requested by user.

END=LAST DEFAULTING TO TOTAL DISC

END=LAST has been specified but last cylinder is allocated and the entire pack will be dumped.

No user action required.

END=LAST - DUMP WILL TERMINATE AT DECIMAL CYLINDER number

This is an informational message indicating the last cylinder allocated on input disk. Dump will terminate after copying this cylinder.

END RECORD MISSING

No valid end record was found for the microcode module being processed. An attempt is made to create one, but CONMIC is then terminated.

Determine if the entire module is present in the load library and if the next microcode on the diskette is valid. Resubmit those modules that may still require conversion.

ERROR CODE 000

A CANCEL macroinstruction has been issued. See the accompanying language error message for details.

ERROR COUNT EXCEEDED

Too many intermediate file sequence check/read errors encountered.

Rerun UNLOAD and RELOAD programs. Check card file for mispunches/off-punches, or check the condition of tapes and tape drives.

F ERROR IN READING NAMEREC F1 OR F2 LABEL

Existing NAMEREC file cannot be found. IMS 90 configuration process terminates.

Check IMSFIL and INIT parameters on the IMSCONF jproc.

ERROR LOADING PRINTER BUFFERS ON DEVICE device-address

The load code or vertical format buffer defined for the specified print device cannot be loaded. This usually occurs when the printer is offline during initialization.

Normally, you need not reboot because the buffers will be loaded when the first request is issued.

ERROR ON ATTEMPT TO SELECT { **format-name** / **WSAM I/O** / **SCREEN IO** / **USERFILE** }

The CDIB indicates an error on DMSEL. Program (SFG) returns to HOME screen or terminates.

If returned to HOME screen, attempt another format. If attempt fails or if SFG terminates, contact your local Sperry representative.

ERROR - PARAMETER OR ARGUMENT INVALID OR MISSPELLED

The card preceding this message is not a PARAM card, has a syntax error in the statement, or has a misspelled keyword parameter.

Correct the problem and rerun.

F ERROR READING { **AUDCONF** / **AUDFILE** / **CONDATA** } **F4 LABEL - ERR CODE error-code**

An error occurred during the reading of the Format 4 label for this file.

See Appendix A for error code and take appropriate action. This is a fatal error. UPSI byte is set to X'80'.

ERROR RESTORING DISKETTE POINTERS DVC device-address SET DOWN

An error occurred while AVR was attempting to restore the data set pointers on a diskette after an attention interrupt was received with an open file.

Cancel job; then, rerun after device is set up.

FATAL ERROR OCCURRED WHILE BUILDING THE SCDI, SCDI NOT BUILT

An error occurred during an attempt to access YSCLOD or the console. The shared code directory index is not built.

Re-IPL. If the problem persists, contact your local Sperry representative.

FATAL OPEN/CLOSE/READ ERROR ENCOUNTERED ON INTERMEDIATE FILE

AN OPEN/CLOSE/READ error that has occurred does not permit further processing.

See console sheet for details.

FILE BEING RELOCATED

This is an informational message indicating that the file being restored is being relocated.

FILE BEING RELOCATED - UNUSED SPACE DELETED

This is an informational message indicating that the file being restored is being relocated and unused space is being deleted.

FILE FAILED TO OPEN

This message is displayed when a file cannot be opened.

Check the job control stream for the correct file declaration.

FILE filename OUTSIDE ALLOCATED PHYSICAL AREA

During SU@RST, the file that the routine attempted to restore has a format label that is not equivalent to the label in the VTOC on SYSRES.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Respond Y to the message ARE YOU INIIALIZING YOUR SYSTEM? to restore the most current backup of system files. When SU@RST terminates, add new files that you desired on SYSRES but had never dumped to the backup copy of SYSRES. Make a current and complete copy of system files, using the SG@DSFIL job stream as outlined in the system installation user guide/programmer reference, UP-8839 (current version).

FILE lfdname FOR JOB jobname HAS BEEN BREAKPOINTED

Indicates a successful breakpoint.

If you wish to print or punch this file immediately, initiate an output writer in burst mode.

FILE lfdname FOR JOB jobname UNABLE TO BE BREAKPOINTED

Indicates failure of breakpoint. This usually results from saturation at the spool file.

FILE NOT AVAILABLE FOR BREAKPOINT

In the BR command, the file name was not specified and no active spool file was found; or the file name was misspelled, or the specified file is inactive.

Correct and retry.

FILE ON DEV nn IS COMPLETE

Normal end-of-file processing has been reached on the NTR utility device.

This is an informational message; no action is required.

FILENAME EXCEEDS 44 CHARACTERS

User specified invalid file name during SU@RST.

Key in valid file name and continue with SU@RST.

FILENAME filename NOT ON did OR OUT OF SEQUENCE

During SU@RST, user specified individual file to be restored out of sequence or restored a file that is not a dump/restore file. SU@RST terminates.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Specify filename as individual file that you want restored. Continue naming the remainder of the files that you want restored in the correct sequence.

FOR AN INPUT FILE WITH UNDEFINED RECORDS, RTYP PARAMETER MUST BE SPECIFIED FOR THE OUTPUT FILE

OS/3 does not support undefined length records.

Specify RTYP parameter.

FORMAT LABEL MISMATCH FOR FILENAME filename

During SU@RST, user tried to restore a dump/restore file whose format labels do not match the format labels for that file in the VTOC on SYSRES. SU@RST terminates.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Respond Y to the message ARE YOU INITIALIZING YOUR SYSTEM? to restore the most current backup of system files. When SU@RST terminates, add new files that you desired on SYSRES but had never dumped to backup copy of SYSRES. Make a current and complete copy of system files, using the SG@DSFIL job stream as outlined in the system installation user guide/programmer reference, UP-8839 (current version).

FORMAT name IS LARGER THAN CURRENT SCREEN

Format specified is larger than the workstation screen and cannot be displayed. Occurs if the number of lines or columns is exceeded.

Try another format, or rerun the SFG assigning a workstation with a larger screen.

FUNCTION IS NOT SUPPORTED

The function chosen is not yet supported, or a function key is not defined or is not supported for the circumstances under which its use is initiated.

Change entry and transmit, or check for correct function key number and appropriate circumstances for its use.

FUNCTION xx NOT PERMITTED FROM WORKSTATION

The function designated by xx is not permitted to be entered from a workstation.

This is an informational message only; no action is required.

GETCS ERROR OR ERROR RETURN FROM GETCS

Error in processing // PARAM cards in IMS start-up job stream.

Check job control statements in output listing for possible error notification.

GETCS INCORRECT TERMINATION. R0= contents DUMP? (Y OR N)

I/O error on GETCS macro. Contents of R0 will be displayed.

Reply Y to cause CANCEL and DUMP. Reply N to terminate program (EOJ).

host-name IS AN INVALID REMOTE HOST NAME

The host name specified in a DDP command is not valid for the ICAM generation being used or not valid for the ICCU.

Check the ICAM generation for valid host names or the supervisor generation for a valid ICCU name.

ICAM INIT. CHB FOR CH=nn NOT IN SUPV GEN

The specified channel has not been defined in supervisor generation.

Include channel in supervisor generation.

ICAM INIT. SCHR ERR. CH=nn

Selective channel reset instruction failed on specified channel.

Check ICAM generation for proper CHANNEL configuration. If ICAM generation is correct, this problem is caused by a hardware error. The channel is unusable. Contact your Sperry representative.

ICAM. INIT. LCHR ERR. CH=nn

The load channel register instruction failed on the specified channel.

Check ICAM generation for proper CHANNEL configuration. If ICAM generation is correct, this problem is caused by a hardware error. The channel is unusable. Contact your Sperry representative.

ICAM. INIT. MIO ERR. CH=nn

The move instruction failed on the specified channel.

Check ICAM generation for proper CHANNEL configuration. If ICAM generation is correct, this problem is caused by a hardware error. The channel is unusable. Contact your Sperry representative.

ICAM NOT LOADED. REPLY G(O), H(ALT), OR T(RAN)

User attempted to execute single-thread IMS before ICAM was successfully loaded. This message also appears when a transient ICAM has been loaded.

If resident ICAM is used, load ICAM, wait for ICAM READY message, and reply G(O). If transient ICAM has been loaded, reply T(RAN). If ICAM cannot be successfully loaded, reply H(ALT).

ICAM NOT LOADED. REPLY G(O) WHEN ICAM LOADED, H(ALT) TO END

User attempted to execute multithread IMS before ICAM was successfully loaded.

Load ICAM, wait for ICAM READY message, and reply G(O). If ICAM cannot be successfully loaded, reply H(ALT).

IDA CACHE HAS BEEN SET INOPERATIVE DUE TO MEMORY ERRORS

This error is the result of either a protection exception while accessing user-specified buffer, or storage parity errors while accessing cache main storage buffers. The system continues execution without cache storage, but must be reloaded (IPL) to reactivate cache.

IDA CACHE MEMORY IS NOW SET UP AND OPERATIONAL

This informational message is displayed if a nonzero value is given as a response to the NUMBER OF 32K BYTE BLOCKS FOR CACHE message and the requested amount of storage is available.

IFIL PARAMETER NOT SPECIFIED. TAPE INTERMEDIATE FILE ASSUMED

RELOAD will not check for the presence of a card intermediate file.

INACTIVE CONSOLE - ALTERNATE CONSOLE IS DEVICE did

where:

did

Is the device address of the working console.

This informational message is displayed on the original console when the local workstation designated as the alternate console becomes the working console. Each time the working console is changed, a message is written to the original console.

INPUT BLOCK SIZE NOT SPECIFIED

The intermediate file directory does not contain the input block size.

Rerun RELOAD.

INPUT FILE DEV nn TERMINATED

The 1100 Series system has directed the device to go to premature end-of-file processing.

This is an informational message; no action is required.

INPUT RECORD TOO LARGE. INCREASE OUTPUT REC/BLK SIZE(S)

- For a fixed-to-fixed length conversion, the output record size is less than the input record size.

  Specify a larger record size and change block size to maintain the same blocking factor.

- For a variable or undefined-to-fixed-length conversion, the input record has a length (minus RDW length) larger than the output record size.

  Specify a larger record size and change block size to maintain the same blocking factor.

- For a variable-length conversion, the input record is larger than the output block size.

  Specify a larger block size.

INSUFFICIENT MAIN STORAGE AT IMS START-UP

Minimum main storage specified on // JOB card at IMS start-up is inadequate.

Increase main storage allocation and rerun.

INSUFFICIENT MAIN STORAGE FOR RESIDENT ACTION PROGRAM

Main storage allocated to IMS job is insufficient to load resident action program.

Increase main storage specified on // JOB card or reconfigure IMS, changing some action programs to nonresident.

INSUFFICIENT MEMORY ALLOC FOR VAR LENGTH TAPE BLK PROCESSING

Additional main storage must be allocated for a LIBS job if the tape block size is greater than 256.

Allocate adequate main storage on the job card and rerun the job.

F INSUFFICIENT MEMORY TO INITIALIZE {AUDCONF / AUDFILE / CONDATA} FILE

The main storage allocated to the IMS configuration job is inadequate. This is a fatal error. UPSI byte is set to X'80'.

Increase main storage allocation and rerun.

INSUFFICIENT MEMORY TO LOAD CCA cca-name

Insufficient main storage was allocated to the IMS configuration job. This is a fatal error. The UPSI byte is set to X'80'. The configuration step will be completed but the assembly and link steps in IMSCONF jproc will be bypassed.

Increase the main storage allocation on the IMS configuration // JOB card.

INVALID ADDRESS. USE addr1 OR addr2

A SET MEM command has been entered with an address that does not fall on a replaceable element size (RES) boundary. The addresses shown in addr1 and addr2 represent RES boundary addresses above and below the address keyed in.

Reissue the SET MEM command with one of the two addresses shown.

INVALID ALIAS NAME

Indicates the presence of an invalid alias-phasename in librarian control stream.

Correct error and resubmit the job.

INVALID ENTRY $ card-contents + IGNORE? (Y OR N)

Error found in PARAMETER card (21 characters will be displayed).

Reply Y to ignore this PARAM; N to CANCEL program.

INVALID FCO NUMBER

When using SDU, you entered a field change order (FCO) number that is invalid. A valid FCO number has the format [A]9999[9]-999[9], where A represents any alphabetic character, 9 represents any numeric character, and the characters [and] enclose an optional character, but aren't themselves keyed in.

No action is required. SDU asks you to enter another FCO number.

INVALID FILENAME: filename

When a ZZOPN or ZZCLS transaction is initiated from the system console, and the specified filename is not found in the IMS user file index, the transaction terminates.

Reenter the ZZOPN or ZZCLS command using the correct filename.

F INVALID FILETYPE FOR NAMEREC FILE

Existing NAMEREC file is not ISAM or MIRAM. IMS configuration process terminates.

Reallocate NAMEREC file.

INVALID FUNCTION KEY

User entered function key to initiate IMS transaction but not include corresponding transaction code in TRANSACT section of configuration.

Check configuration for correct transaction code.

INVALID FUNCTION KEY DEPRESSED

You pressed a function key that was invalid from the screen you were reading.

Press the transmit key to acknowledge this message and return to the screen. Then press one of the function keys listed on the screen as valid.

INVALID INPUT. VALUE ENTERED LARGER THAN AVAILABLE MEMORY

The value entered for dynamic supervisor modification is larger than the main storage available on the system.

The prompting message is reissued.

INVALID INTERMEDIATE FILE

RELOAD has been supplied with a file not produced by UNLOAD.

INVALID KEYWORD, COLUMNS 20-39

Columns 20-39 or SORT3 record type specifications must be UDATE, UMONTH, UDAY, or UYEAR. All other entries are invalid. The job terminates after the remaining sort specifications are read.

Correct the entry in columns 20-39 and rerun.

INVALID KEYWORD NAME SPECIFIED

A request to change a file's read/write password specified an invalid keyword.

Correct keyword specifications and retry.

INVALID MESSAGE NUMBER OF ZERO

A message number of zero was requested.

Obtain console log and submit a Software User Report (SUR).

INVALID PARAM CARD

PARAM card in IMS start-up job stream is incorrect.

Correct PARAM card and rerun.

INVALID PARAMETER {1, 2, 3} ON SE HA,IO COMMAND

The specified parameter on the SE HA,IO command is invalid. The valid parameter 1 specifications are: ALL, EIO, CIQ, CEIQ, CAIQ, SDY, HDY, CLRCH, and MIO. Valid parameter 2 specifications are: DEV=xxx, CU=xx, CHN=x, and ALL. Valid parameter 3 specifications are: ON and OFF.

Correct parameter and retry.

INVALID PARAMETER -- 1- OR 2-DIGIT INTEGER EXPECTED

The optional parameter for the ZZSHD command must be a 1- or 2-digit integer. A third digit is ignored if specified.

Correct the command and reenter.

INVALID RECORD

RELOAD program was unable to construct a valid logical record from card intermediate file.

INVALID $$ COMMAND

An invalid $$ command has been entered at the local workstation.

Check the command syntax and reenter.

INVALID $$SOFF, ENTER IN DATA MODE

A sign-off command has been entered at the local workstation while in SYSTEM mode.

Change to data (WORKSTATION) mode and reenter the command.

I/O ERR ON filename: FILENAMEC=error-flag-field, DM CODE=nn, DUMP(Y,N)

The IMS configurator has detected an I/O error on configurator ISAM, SAM, SAT, or printer files.

where:

error-flag-field
Is the hexadecimal equivalent of the contents of filenameC of the DTF file table. Since SAT files do not use filenameC, the error-flag-field will contain SAT-FILE if the I/O error is from a SAT file.

nn
Is the data management error code, as listed in Section 2 with the prefix DM.

Key in Y to obtain configurator dump; N to terminate without a dump. Take action indicated for appropriate data management (DM) error code; if necessary, check filenameC.

I/O ERROR BUILDING YFDY; ACCELERATED SEARCH DISABLED

An I/O error has occurred while building YFDY. The system initialization continues, but the accelerated directory search is disabled until the next reboot.

This is an informational message and requires no response.

I/O ERROR ON LDPFILE. SYSTEM LOADER WILL BE USED

This message is displayed on the system console when there is an input/output error on the LDPFILE load file.

Take corrective action based on the error message displayed by physical input/output before restarting IMS.

I/O ERROR ON DVC device-address DURING VERIFY REMOUNT VSN=vsn RI?**

The operator has removed a disk or diskette and an I/O error occurred while the system was attempting to verify VSN.

After remounting of the disk, an operator reply is required.

R Clears the message from the console.

I Allows I/O requests to be sent to device without verification.

I/O ERROR ON { TEMPFILE / SCREEN IO / format-name } .YOU MAY SELECT ANOTHER FUNCTION.

The CDIB indicates an error on the file or format specified. SFG returns to HOME screen.

Attempt another format. If attempt is unsuccessful, contact your local Sperry representative.

I/O ERROR READING LABEL ON DVC device-address

AVR could not read the label from the specified disk. If the message appears during initialization, the error is ignored.

IS THE SHARED CODE DIRECTORY INDEX TO BE BUILT? (Y,N)

This message is displayed during the interactive supervisor modification at IPL. The operator response overrides the SYSGEN parameter SCDINDEX.

Reply Y to build the shared code directory index. Respond N if the directory index is not to be built.

IS TRACE ACTIVE? (Y, N, or C(ANCEL))

This message is asking the question: "has the line to the TRACEI or TRACEII center been activated?" and is meant for the customer engineer who will be present.

Reply Y if yes, N if not, and C if program is to be terminated.

ISAM OUTPUT RECORD SIZE MUST EXCEED KLOC + KSIZ

Check RECL, KLOC, and KSIZ parameters (or their default values) and correct as necessary.

JOB IS BEING MOVED x

This response to the DI JS command indicates job status (x) as follows:

1 Memcon actice for this job.

3 Memcon active for this job, and task is waited.

5 Memcon active for this job, and job is going immovable.

7 Memcon active for this job, job is going immovable, and task is waited.

9 Memcon active for this job, and job is currently active in memory consolidation.

B Memcon active for this job, job is currently active in memory consolidation, and task is waited.

JOB NAME NOT SPECIFIED FOR BREAKPOINT

A job name is not specified.

Specify job name.

JOB NOT AVAILABLE FOR BREAKPOINT

A breakpoint request has been issued for a completed job or a job name has been misspelled.

KEYS NOT SUPPORTED FOR NONINDEXED FILE. CONDITION IGNORED

RELOAD does not support keyed SAM or DAM files.

KEYWORD PARAM MISSING

Keyword PARAM is missing after // on card in IMS start-up job stream.

Correct PARAM card and rerun.

KEYWORDS IGNORED - DUE TO PREVIOUS INVALID K/W FORMAT PRESENTATION ERRORS

Subsequent keywords were not separated by commas.

KLOC FOR VARIABLE RECORDS MUST BE AT LEAST 2

ISAM variable-length records include two bytes of record header, and this value must be reflected in key location.

Check KLOC parameter (or its default) and correct as necessary.

KSIZ PARAMETER SPECIFICATION ERROR. LIMITS 3-253

Correct the argument of KSIZ parameter.

LAST VCT NOT SPECIFIED

The LAST=YES parameter was not specified on the last GNVCT parameter statement. This is a remote terminal processor (RTP) system generation message.

Correct and reassemble the RTP tables.

LCB CONFIGURED FOR DVC device-address (lcb-name) DOES NOT EXIST
The printer load code buffer defined at SYSGEN time is not recognized during initialization. The system will accept the IPL regardless of this condition, but the specified printer will not operate.

Regenerate the supervisor with a correct LCB name.

LCB CONFIGURED FOR DVC device-address (lcb-name) NOT IN YTRAN
The printer load code buffer defined during SYSGEN is recognized by initialization but cannot be located on SYSRES. The YTRAN system file may be destroyed. The system will perform IPL regardless of this condition, but the specified printer will not operate.

LCB CONFIGURED FOR DVC device-address (lcb-name) REPLACED BY lcb-name

The printer load code buffer defined at SYSGEN time is not set up in the transient file. Initialization has loaded a default load code buffer instead of not loading any. The system will perform IPL regardless of this condition but the specified printer may not operate if the default LCB does not match with the print band mounted in the printer.

Perform SYSGEN operation for the supervisor with a correct load code buffer.

LDPFILE FULL. SYSTEM LOADER WILL BE USED

This message is displayed when the size of the LDPFILE load file is not large enough to accommodate all the action programs. Action programs that have been successfully copied to the LDPFILE load file are then loaded from this file and the remaining action programs are loaded using the system load library.

Increase the size of the LDPFILE load file before restarting IMS.

LESS THAN 3 SUBTASKS SPECIFIED VIA JOB CONTROL

Parameter 5 on // JOB statement must be 4 or greater.

Correct // JOB card and rerun.

LINE LOST, MESSAGE NOT SENT

The communications line to the host system is down. The message just entered was not transmitted to the host.

Determine and correct the problem causing the loss of the line. Reactivate the virtual terminal and resubmit the command.

LOAD ICAM IN LOWER MEMORY

Due to microcode translation requirements, ICAM must be loaded below main storage address $E0000_{16}$. When ICAM is not loaded below this address, this message is displayed.

Reload ICAM.

LOCKED FILE *filename* CAN'T OPEN WITH ACCESS SPECIFIED

Another job is using this file, and shared access rights prevent IMS from opening it.

Wait until job that is using this file terminates, or open file later than ZZOPN command.

W LOCKED FILE *filename* CAN'T OPEN WITH ACCESS SPECIFIED

Another job is using this file, and shared access rights prevent IMS from opening it.

Wait until job that is using this file terminates, or open file later with the ZZOPN command.

MACRO CALLS OUT OF ORDER

A GNVCT parameter statement with the LAST=YES parameter specified was not the last GNVCT. This is a remote terminal processor (RTP) system generation message.

Correct the error and reassemble the RTP tables.

MASTER TERMINAL BUSY PROCESSING LAST command-name COMMAND

When an IMS action program has been scheduled from the console (initiated by ZZOPN or ZZCLS, for example), all subsequent attempts to schedule an action program from the console are rejected (and this message appears) until the current program is processed.

Wait for a message indicating that the program is completed, then reissue the command.

MEMORY AVAILABLE INSUFFICIENT MAIN STORAGE. ALLOCATE AT LEAST xxxxx BYTES (DECIMAL) TO THIS JOB

RELOAD has determined that the conversion will require more main storage than has been allocated.

Check your PARAM cards and rerun with a request for additional main storage on the JOB card.

MESSAGE ROUTINE BUSY

Processing of a command previously sent to the host is not complete. The message just entered is ignored.

Resumbit the command.

MICRO-CODE NAME NOT AVAILABLE FOR DEVICE device-id

The loadable microcode for the device configured is not available. YSDF has not been updated for this device.

Run the system definition utility (SDU) to configure the appropriate microcode.

MICROCODE module-name CONVERTED

This is an informational message supplying the microcode module name when the conversion to load library is complete.

MISSING OR INVALID NET PARAMETER. NO VALIDATION, MODULE NOT SAVED.

An invalid or no ICAM network name supplied. An assembly listing of CMCS is produced but no validation is performed.

Supply NET parameter and reenter the job.

MODEL #10/20 HARDWARE FEATURES ARE NOT SUPPORTED

System does not support models 10 and 20.

MODULE FORMAT ERROR

During an attempt to read a library module, the user encountered an invalid record following the header and control statement records.

Recompile the module. If the error persists, take a system dump and submit a Software User Report.

MODULES MOVED

Modules were moved by the librarian during a PAC operation.

No action is required.

MODULES NOT MOVED

Modules were not moved by the librarian during a PAC operation.

No action is required.

F MORE MEMORY IS REQUIRED TO PROCEED - FATAL

Minimum main storage specified on // JOB card for IMS configuration is inadequate. Configuration process terminates.

Increase main storage allocation and rerun.

MOUNT ON DEV=(did) FORM=ffffffff LPI=(1) BAND=bbbbbbbb RHI

Place form ffffffff and/or cartridge (band) bbbbbbbb on device (did). Respond with R *after* you make the change; or I if cartridge cannot be used.

Mount the new form prior to responding R; failure to do so may cause misalignment of the printout.

After replying H to the MOUNT message, this specific open spool subfile is closed and placed in a held state on the spool queue. The currently active output-writer remains active and continues processing according to the criteria specified at load time.

MOUNT SYSRUN VSN=vsn THEN REPLY Y.

Requests that operator mounts the SYSRUN volume with the volume serial number specified.

Mount the requested volume, then reply with a Y.

F NAMEREC BLOCK SIZE NOT A MULTIPLE OF 256

Block size specified for NAMEREC file on IMS configuration jproc is not a multiple of 256. Configuration process terminates.

Correct block size and rerun.

F NAMEREC IS CDM - SYSTEM GEN FOR DTF ONLY

Existing NAMEREC file is a MIRAM file, but control system was generated in DTF mode. IMS configuration process terminates.

Reallocate NAMEREC file as an ISAM file.

F NAMEREC IS DTF - SYSTEM GEN FOR CDM ONLY

Existing NAMEREC file is an ISAM file, but control system was generated in CDM mode. IMS configuration process terminates.

Reallocate NAMEREC file as a MIRAM file.

NEW FORMAT name ALREADY EXISTS. TO REPLACE, TRANSMIT

Warning only. Format specified already exists on format library.

Change name to avoid replacement of existing format and transmit. To replace existing format, transmit.

NO // CARD FOUND

PARAM card in IMS start-up job control stream does not begin with //.

Correct PARAM card and rerun.

W NO DTF FOR *filename* GENERATED

Missing or incorrect FILE section in IMS configuration.

Correct FILE section and reconfigure.

NO FORMAT - FOR FILENAME filename ON DISK

During SU@RST, user specified individual file for which no format label exists in the VTOC on specified output disk. SU@RST terminates.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Respond Y to the message ARE YOU INITIALIZING YOUR SYSTEM? to restore most current backup of system files. When SU@RST terminates, add new files that you desired on SYSRES but had never dumped to backup copy of SYSRES. Make a current and complete copy of system files, using the SG@DSFIL job stream as outlined in the system installation user guide/programmer reference, UP-8839 (current version).

NO JOB STREAMS FOUND IN SUBMITTED FILE

The file or element used as input to the DDP SUBMIT command did not contain a valid job stream. A //JOB ... /& sequence could not be found.

Correct the file specification and rerun.

NO MEMORY AVAILABLE TO ROUTE TRANSACTION

There is no memory currently available in the DDP storage pool to route this transaction.

Retry transaction. If this message continues to occur, start up IMS again with a larger value for DDPBUF or reconfigure IMS with a larger value for DDPBUF or INBUFSIZ.

NO MEMORY RESERVED, CACHE INOPERATIVE

This informational message is displayd if a 0 response is given to the number of 32K BYTE BLOCKS FOR CACHE message.

NO MODULE CONVERSION

An error has occurred that prevents the current microcode module from being placed in the load library. This message is accompanied by other error messages that further identify the problem.

Correct the error and retry. The diskette file may have to be re-created.

NO. OF VARIABLES OR CHARACTERS IN FORMAT IS TOO LARGE

Size of data transferred from workstation is too large to handle (greater than 4,000 bytes) or the number of variable data fields (unprotected) exceeds 200.

Control returns to HOME screen. Build another format or choose another function.

NO OUTPUT FILE SPECIFIED. MODULE NOT SAVED.

CMCS assembly and ICAM network validation was performed. However, no output file was specified; the module could not be saved.

Supply output file and rerun job.

NO ROLLBACK PROGRAM CONFIGURED

Warm restart was attempted at IMS start-up, but updating was not configured.

Specify FUPDATE=YES in configurator OPTIONS section.

F NO SECONDARY STORAGE KEY AVAILABLE

IMS cannot be executed because all available storage keys are in use.

Ensure that at least two job slots are available before rerunning.

NO TEXT RECORD FOUND

No text records have been found for the current microcode being processed.

Reconstruct microcode and resubmit module for conversion.

NO VOL1 ON DISK - DISK MUST BE PREPPED

During SU@RST, user specified disk that needs to be prepped as output device. SU@RST terminates.

Run SU@PRP as outlined in the system installation user guide/programmer reference, UP-8839 (current version); then rerun SU@RST.

NO VTOC ON DISK - INITIALIZE SYSTEM

During SU@RST, user attempted to restore a SYSRES disk on which no VTOC exists. SU@RST terminates.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Respond Y to the message ARE YOU INITIALIZING YOUR SYSTEM? to restore the most current backup of system files. When SU@RST terminates, add new files that you desired on SYSRES but had never dumped to backup copy of SYSRES. Make a current and complete copy of system files, using the SG@DSFIL job stream as outlined in the system installation user guide/programmer reference, UP-8839 (current version).

NOT ENOUGH MEMORY AT END OF MACHINE, CACHE INOPERATIVE

This informational message is displayed when a nonzero value is given as a response to the NUMBER OF 32K BYTE BLOCKS FOR CACHE message and there is insufficient storage to satisfy the request.

NOT SIGNED ON - REQUEST IGNORED

The user attempted to use a virtual terminal that is not signed on. The request for processing is ignored.

Activate the virtual terminal and resubmit the request.

NOT SUPPORTED FROM CONSOLE IN OFFLINE ENVIRONMENT

The console or master workstation operator attempted to enter an IMS message when IMS was running in an offline batch environment.

This message is informational. No action is required.

NUMBER OF 32K BYTE BLOCKS FOR CACHE (0-4; 0=NO CACHE, DEF=3)?

This message must be answered before the IPL sequence will continue. A response of 0 will cause the system to IPL without the cache being activated and the message

NO MEMORY RESERVED, CACHE INOPERATIVE

is displayed. A response of a value other than 1, 2, or 4 results in three blocks being reserved.

NUMBER TOO LARGE

A number on the PARAM card exceeds 10 digits.

NUMERIC FIELD PARAMETER FILE READ ERROR

This message may appear when executing DBPAG, DBBAR, and DBFOR if an error occurs during reading of a record from the numeric field parameter file.

Ensure assignment and readability of numeric field parameter file and rerun.

OBTAIN ERR DURING FILE EXPIRATION CHECK OR DISCOTxx

An obtain error was received during the check for unexpired files on the specified output disk. The Format 1 label may be unreadable.

OLD FORMAT name DOES NOT EXIST

Specified format does not exist or cannot be retrieved from the library specified. May be due to incorrect spelling of format name.

Correct spelling of format name or investigate contents of the format library.

ON-LINE FILE INHIBITED

Open error on AUDFILE. IMS will not perform online recovery.

Check error flag bytes to determine cause of error.

ONUERL PROGRAM LOADED. VERSION number

Identifies the revision (number) of the on-line-error-log.

F OPEN ERROR FOR FILE *filename*

Invalid file format labels on IMS files, inconsistency in file type specifications, or error in configurator FILE section.

Check assembly of this file DTF for errors.

W OPEN ERROR FOR FILE *filename*

IMS start-up error. May be caused by invalid file format labels on IMS files, inconsistency in file type specifications, or error in configurator FILE section.

Check assembly of this file DTF for errors.

OPEN ERROR FOR filename ERROR FLAGS nnnn

IMS encountered error in opening a configured file.

Check error flag bytes in Appendix B.

W OPEN ERROR FOR FILE TRCFILE TRACE CAPABILITY DOWN

IMS cannot perform trace function; file updating is not permitted.

Check assembly of this file DTF and that the file was allocated and assigned properly.

F OPEN ERROR NETWORK CODE error-code

IMS has encountered an error opening the ICAM network. The error codes are listed in Appendix A.

OPEN ERROR ON FILE { **TEMPFILE** / **SCREEN IO** / **USERFILE** }

The CDIB for the specified file indicates an error on OPEN. Program (SFG) terminates if file indicated is TEMPFILE or SCREEN IO, returns to HOME screen if USERFILE is indicated.

If returned to HOME screen, attempt another format. If attempt fails or if SFG terminates contact your local Sperry representative.

OPEN ERROR ON { **IMS$ASM** / **IMS$LNK** / **$SCR1** / **GETCS** } **, IMS ERROR CODE=error-code,**
DUMP (Y,N)

The IMS configurator has detected an I/O error involving library files or the control stream. The configurator error codes are listed in Table A-1.

Key in Y to obtain configurator dump; N to terminate without a dump.

OPEN ERROR ON LDPFILE DM03

This message appears if there is an open error. The LDPFILE load file is not assigned to online IMS.

Refer to Appendix E for the data management error code description. Correct the job control stream and rerun.

OPERATION REJECTED - AT EOF FOR SEQ. DEVICE

Due to a previous operation, library utility has been placed at the end of a sequential file. No further operations may be performed without first closing and then "rewinding" the sequential file.

Close the file and then position the file at the beginning. Alter the program and rerun.

ORIGINAL DISK VSN=vsn ORIGINAL DISK TYPE=device-type DUMP FILE CREATED yy/mm/dd hh.mm.ss

This message defines control record information from an intermediate storage medium.

This is an informational message; no action is required.

OS/3 ISAM DOES NOT SUPPORT UNBLOCKED RECORDS. BLOCKED ASSUMED

Specify RTYP=VB or FB for an ISAM output file.

OUTPUT (BLK-SIZE-2) IS NOT A MULTIPLE OF (REC SIZE+5)

This is a requirement for OS/3 ISAM fixed-length records.

Check BLKL and RECL parameters (or their default) and correct as necessary.

OUTPUT BLK-SIZE FOR VARIABLE REC MUST EXCEED 8 BYTES

Check BLKL parameter (or its default) for SAM/DAM variable-length records and correct as necessary.

OUTPUT BLK-SIZE MUST BE A MULTIPLE OF RECORD SIZE FOR FIXED BLOCKED RECORDS

Check BLKL and RECL parameters (or their defaults) for a SAM fixed-blocked file and correct as necessary.

OUTPUT BLK-SIZE MUST EQUAL OR EXCEED xxxxx BYTES

For a fixed-length ISAM file, block size is less than record size +7.

Check BLKL and RECL parameters (or their defaults) and correct as necessary.

OUTPUT BLK-SIZE MUST EXCEED KSIZ + KLOC + 7 PARAMETER VALUES FOR VARIABLE BLOCKED RECORDS

Check BLKL, KSIZ, and KLOC parameters (or their defaults) for the ISAM file and correct as necessary.

OUTPUT BLOCK SIZE MUST EXCEED 9 FOR ISAM VARIABLE BLOCKED RECORDS

Check BLKL parameter (or default value) and correct as necessary.

OUTPUT RECORD SIZE NOT SPECIFIED FOR FIXED RECORDS

Specify RECL parameter or specify variable records.

OVERFLOWED LOGICAL EXTENT TABLE

During SU@RST, the format logical extent table overflowed because of the physical extention of the file on SYSRES.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Respond Y to the message ARE YOU INITIALIZING YOUR SYSTEM? to restore the most current backup of system files. When SU@RST terminates, add new files that you desired on SYSRES but had never dumped to the backup copy of SYSRES. Make a current and complete copy of system files, using the SG@DSFIL job stream as outlined in the system installation user guide/programmer reference, UP-8839 (current version).

OVFL PARAMETER SPECIFICATION ERROR
Correct the argument of OVFL parameter.

OVFL PARAMETER SPECIFIED FOR SAM/DAM FILE. IGNORED
OVFL parameter applies only to ISAM files.

PARAM input-parameter IGNORED–NON REPEATABLE CONT.(Y,N)
IMS multithread parameter is a duplicate and the first one has been accepted.

Respond with Y to continue and ignore the parameter or respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input-parameter INVALID–BLANK CONT.(Y,N)
IMS multithread parameter has one or more spaces following the equal sign.

Respond with Y to continue and ignore the parameter or respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input-parameter INVALID-GT MAX NUMBER CONT.(Y,N)
IMS multithread parameter specification is greater than the maximum allowable.

Respond with Y to continue and ignore the parameter. Respond with N to terminate IMS, correct parameter, and rerun IMS.

PARAM input-parameter INVALID-GT MAX SIZE CONT.(Y,N)
IMS multithread parameter specification is greater than the maximum allowable size.

Respond with Y to continue and ignore the parameter. Respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input-parameter INVALID-LT MIN NUMBER CONT.(Y,N)
IMS multithread parameter specification is less than the minimum allowable.

Respond with Y to continue and ignore the parameter. Respond with N to terminate IMS, correct parameter, and rerun IMS.

PARAM input parameter INVALID-MISSING '(,)' CONT.(Y,N)
IMS multithread LOCAP parameter is missing a starting or ending parenthesis or a comma separating the LOCAP name from the route character.

Respond with Y to continue and ignore the parameter. Respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input-parameter INVALID-NAME GT 4 CHAR CONT.(Y,N)
IMS multithread LOCAP name specified is greater than four characters in length.

Respond with Y to continue and ignore the parameter. Respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input-parameter INVALID-NON NUMERIC CONT.(Y,N)
IMS multithread parameter specification must be numeric.

Respond with Y to continue and ignore the parameter. Respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input parameter INVALID-NOT YES OR NO CONT.(Y,N)
The valid specification for IMS multithread DEBUG parameter is either (Y)ES or (N)O.

Respond with Y to continue (default specification is NO) and ignore the parameter. Respond with N to terminate IMS. Correct the parameter and rerun IMS.

PARAM input-parameter INVALID RCHAR SPEC. CONT(Y,N)
IMS multithread LOCAP parameter has an invalid route character specification.

Respond with Y to continue and ignore parameter. Respond with N to terminate IMS, correct parameter, and rerun IMS.

PARAMETER KLOC NOT SPECIFIED. ASSUMED 0 FOR FIXED BLOCKED, 2 FOR VARIABLE BLOCKED
Specify KLOC parameter (key location) for ISAM output file.

PARAMETER KSIZ MUST BE SPECIFIED FOR AN ISAM OUTPUT FILE
DCON was unable to pick up a default value for KSIZ parameter.

Specify KSIZ parameter and rerun.

PARAMETER OVFL NOT SPECIFIED. 20 ASSUMED
OS/3 ISAM requires you to specify a value for OVFL (percentage of disk space to be used for overflow area).

Specify or 20 percent will be assumed.

PERMANENT COULD NOT BE OPENED
An error was detected upon the opening of the permanent file by the dialog driver.

PREMATURE END OF FILE ENCOUNTERED ON INTERMEDIATE FILE
A null file or a file with too few records supplied to RELOAD.

PRINTER COULD NOT BE OPENED
An error was detected upon the opening of the printer file by the dialog driver.

PROBLEM LOADING VFB vfb-name
The VFB requested from the VFBTABLE was not found in the load library.

No operator action is required. The RTP program will continue processing with the next line. Generate the VFB on the load library.

W PROGRAM *program-name* CANNOT BE LOADED
A faulty load module or no module is in the IMS load library for this action program.

Ensure that action program load module is in the load library and that its name matches the program name specified to the configurator.

RDFCB ERROR - TAKE PANEL DUMP
Error occurred while SU@RST executed a read file control block for the diskette or disk device. SU@RST terminates.

Take a panel dump and contact your local Sperry representative.

READ ERROR ON AUDFILE - OFFLINE RECOVERY REQUIRED

Read error on audit file during IMS warm restart. Online recovery facility is down and recovery of file must be done offline.

Run offline recovery utility.

READ ERROR ON {IMSASM / IMSLNK / $SCR1 / GETCS} ,IMS ERROR CODE=code, DUMP (Y,N)

The IMS configurator has detected an I/O error involving library files or the control stream. The configurator error codes are listed in Table A-1.

Key in Y to obtain configurator dump; N to terminate without a dump.

READ/WRITE - OLD FILE PASSWORD MISMATCH

An attempt was made to change a file's read/write passwords; the old passwords specified on the change request do not match the file's read/write passwords.

Correct password specifications and resubmit.

RECORD SIZE SPECIFIED FOR VARIABLE RECORDS. CONDITION IGNORED

Parameter RECL is not required for a variable-length output file.

REMOVE 2 ERROR CARDS FROM STKR 2

When a 0604 card punch is used as a substitution device, error recovery for incorrectly punched cards is performed by selecting the invalid card that follows it into stacker 2 and repunching both these cards. Prior to repunching, this message is displayed. Remove the top two cards in stacker 2 of the 0604 card punch and reply with one character to permit punching to continue. If stacker selection is employed, take care not to remove more than the top two cards.

REMOUNT DISKETTE VSN=vsn ON DVC device-address R I?

The operator has removed a diskette before a job has finished processing.

If the operator replaces the requested volume and replies R, the data pointers are restored to their prior values.

If the operator replies I, the new volume is placed in the PUB trailer.

REQUESTED FUNCTION IS NOT SUPPORTED FOR THE CONSOLE

Certain IMS terminal commands are not applicable to the console when it is used as an IMS terminal. These commands will be rejected.

This message is informational. No action is required.

RESTORE OF FILE filename BEGINNING MIDFILE

During a restart of SU@RST, the routine begins to restore a file midway through that file because it successfully restored the first part on the last diskette before you encountered an I/O error.

No action is required.

RESTORE OF FILE filename BEGINNING ON VOLUMEnnn

During SU@RST, the routine begins to restore a file at the beginning of that file.

No action is required.

RMrr INPUT ACTIVE SO,IR

An attempt was made to sign off a virtual terminal currently transmitting data to the host.

Respond with either SO to complete sign-off without regard to current processing or IR to cancel sign-off request and resume normal processing.

RMrr TERMINAL CURRENTLY ACTIVE

An attempt was made to sign on a virtual terminal that is already signed on.

This is an informational message only. No action is required.

RTP READY

RTP is loaded and ready to accept operator commands and begin processing.

This is an informational message only. No action is required.

SAT OR LIB UTILITY ERROR code WHILE WRITING TO DISK

A SAT or library utility error occurred while writing to the disk library YMIC.

Check error code in Table A-1. Correct the problem and rerun.

SDU MUST BE INITIATED WHEN ADDING OR CHANGING A LOADABLE DEVICE

When adding or changing a loadable device, you must run the system definition utility (SDU) to define the current loadable RAM level.

SDU MUST BE RUN WHEN ADDING OR CHANGING THE MICROCODE ON A LOADABLE DEVICE

When the microcode on a loadable device is increased or changed, the system definition utility (SDU) must be run to define the current loadable RAM level.

SECONDARY STORAGE KEY NOT AVAILABLE

IMS 90 cannot be executed because all available storage keys are in use.

Ensure that at least two job slots are available before rerunning.

SECOND-PHASE LOAD ERROR

IMS 90 encountered an error in trying to locate the header record of phase 2 of load module overlay.

Examine output listing to determine if I/O errors have occurred or if the linkage editor run may have errors. Correct and rerun.

SESSION RESOURCES NOT AVAILABLE

The ICAM resources required to establish an ICAM/workstation session are not available.

Check ICAM network definition for specified resources. Redefine network if necessary and retry.

The session resources required in the network definition are:

- A CCA macro with TYPE=(GBL)
- A LINE macro with DEVICE=(LWS)
- A TERM macro with FEATURES=(LWS)
- A LOCAP macro with the correct user program name
- An ARP pool large enough to handle the work load
- A network buffer pool large enough to handle the work load

SHARED module-name CANNOT BE MADE RESIDENT. reason

Issued when a shared code module specified by the reshare SYSGEN option cannot be loaded. The reason given in the message will be one of the following:

NOT ENOUGH ROOM

There is not enough main storage to load the shared module.

ERROR CODE ccc

See Appendix A for an explanation of the error code.

No action is required.

SIGNOFF SENT

RTP has transmitted a sign-off request to the host sytem.

This is an informational message only. No action is required.

SIGNON BUSY - RETRY

The sign-on routine is currently processing a sign-on request for another virtual terminal.

Retry the activate (AC) command.

SITE TERMINATED

The 1100 Series system has terminated and the NTR utility job has been informed.

This is an informational message; action is required.

SL$FDY {DMerror-code / EOD} **ERROR** {READING YLOD / WRITING YFDY} **IC?**

The indicated data management error was encountered while processing the specified file.

Respond with I to ignore the error and continue system initialization. The accelerated YLOD library directory search will not be functional. Respond with C to force a recoverable HPR 99150100 stop code. A panel dump can be taken or recovery will continue system initialization except that the accelerated YLOD library directory search will not be functional.

If a data management error (DMerror-code) is specified in this message, correct the error and reboot the system. It may be necessary to boot from another pack to correct the error. If EOD is specified in this message, the file is unusable and must be rebuilt.

SPECIFIED DEVICE CLASS OR DEVICE TYPE IS NOT SUPPORTED

The device class must be disk, tape, or diskette, with disk being the default value. Device type is not a valid entry.

Reenter the command with the proper device class and omitted device type specification.

SPOOL FILE FULL-FILES REQUIRING ADDITIONAL SPACE WILL WAIT

The spool file has reached saturation.

To avoid further saturation, run DUMPLOG if log files have been accumulated, avoid scheduling for the jobs, breakpoint the files, or dump the accumulated files to tape.

SPOOL FILE IS 75% DEPLETED

The spool file is approaching saturation.

To avoid further saturation, avoid scheduling further jobs, breakpoint the files, or dump the accumulated files to tape.

SPOOL FILE IS 90% DEPLETED

The spool file is close to saturation.

To avoid further saturation, avoid scheduling further jobs, breakpoint the files, or dump the accumulated files to tape.

SPOOLED FILE IN JOB jobname HAS REACHED MAX RECORDS *PBIC*

A spooled device has reached the maximum number of records for the file, as indicated on the SPL job control statement.

Respond by keying in one of the following options.

P
: Breakpoint the file at the end of the page.

B
: Breakpoint the file immediately.

I
: Ignore the error condition. The current maximum has been doubled and processing continues.

C
: Cancel the job.

For punch files, either B or P may be entered.

STAND ALONE RESTORE TERMINATED IN ERROR

Indicates that the error that the user encountered causes SU@RST to terminate.

Take appropriate action for specific error message.

START RECORD MISSING

No valid start record has been found for the current diskette file.

Recreate diskette file.

START-UP TERMINATED

IMS has detected a user SAT file.

Change file to allowable type.

SYMBIONT id CAN NOT BE LOADED. ERROR CODE code

An error occurred while loading a symbiont; therefore, the symbiont request is ignored.

SYNTAX ERROR. COMMAND CH IGNORED

There is a syntax error in the CH SPL command.

SYSRDR CHANGED TO DEVICE device-address (ORIGINALLY device-address)

The original system card reader (i.e., the first card reader specified) is set down. Initialization has substituted a card reader that is set up. All RUN or FILE commands will read cards from the new reader. This is an informational message.

No action is required.

TAPE did BLK NOS. XPCTD z-xxxxxxx ACTL z-xxxxxxx RU*C?

The tape on the specified device is block numbered. The expected block number cannot be found. The tape is positioned at the actual block number specified. This message is issued after 10 attempts to resolve the variance.

- did = device address
- z = tape mark count (0-7)
- xxxxxxx = block number

The message R**C or RU** will appear.

- R**C = retry or cancel the job
- RU** = retry or enter user's error recovery routine

The operator must respond accordingly.

TAPE CONTENT IS FROM DISC VSN=vsn DISC TYPE=device-type TAPE TYPE IS device-type TAPE CREATED yy/mm/dd hh.mm.ss

This is an informational message indicating that control record information from the input tape is being used.

TAPE ON DVC device-address IS NOT PREPPED

The VOL1 label could not be read because the tape was not prepped or is not in standard label format. If the message appears during initialization, the error condition is ignored.

TAPE ON DVC device-address NOT AT LOAD POINT, OFF-LINE, or NOT READY

An attention interrupt has been generated on a device which was either offline, not ready, or not at load point.

Ready the device and rerun the job.

TAPE READ ERROR

A nonfatal error was detected in the reading of the tape intermediate file. If the error limit is not exceeded, the bad block is skipped over and the next block is read.

The operator must reply with a U to a read error console message. Check the condition of tape and the tape drive. If necessary, rerun UNLOAD and RELOAD programs.

TEMPORARY COULD NOT BE OPENED

An error was detected upon the opening of the temporary file by the dialog driver.

TEMPORARY COULD NOT BE RE-OPENED

An error was detected upon the re-opening of the temporary file by the dialog driver.

TERMINAL NOT ACTIVE

An attempt was made to use a virtual terminal that is not active.

Activate the virtual terminal to perform the desired processing.

TOTAL NUMBER OF ERRORS number UPSI SETTING X'number'

This is an informational message specifying the total number of errors encountered and the UPSI bit setting at termination indicating severity of errors.

TOTAL WORKSTATION LINES nnnnnn

This message gives the total number of lines in the current workstation log.

No action is required.

TRACE12 - CARD READER COULD NOT BE ALLOCATED

Card reader could not be read by monitor routine because no card reader could be allocated. This situation occurs when card input is called for after initializaton; that is, the monitor routine statements were not included in the job control stream.

Retry when card reader becomes available.

TRANSACTION ABORTED.TRANS ID:id.TERM ID:id.
TRANSCODE:code.CURR ACTION:name.CURR PROG:name.
REASON:error-description

This message is displayed when a transaction abnormally terminates in multithread IMS. The error descriptions are listed in Appendix F.

TRANSACTION ABORTED BY locap-name { **P** / **S** } **ERROR CODE:**
error TRAN CODE: tran
TRAN ID: id { **TERM ID: termid** / **LOCP ID: locapid** }

An error occurred while processing a directory or operator-routed transaction. The error descriptions are listed in Appendix F.3.

TRANSACTION CANCELED, TERM ID:id.TRANS ID:id.
TRANSCODE:code.ACTION:name.PROGRAM:name.
error-description

This message is displayed when a transaction abnormally terminates in single-thread IMS. The error descriptions are listed in Appendix F.2.

TRANSIENT UPDATE PROGRAM UPSI BYTE SETTING = xx

This is an informational message that is displayed at job termination.

No action is required.

TRCFILE OPEN ERROR OFF-LINE RECOVERY FACILITY DOWN

IMS cannot perform trace function; file updating is not permitted.

Check assembly of this file DTF and that the file was allocated and assigned properly.

UNRECOVERABLE WORKSTATION ERROR: DEVICE UNAVAILABLE. UID=xxx

This is an error in the microcode. The user pressed the UNLOCK key, which produced an unrecoverable status. The error is transient.

Turn the workstation off, then on. Press RESET.

UPLDUMP FILE, filename, IS INVALID

The dump file for the UPLDMP load module contains an invalid format and cannot be processed.

Correct dump file.

F USER WANTS CDM - NAMEREC FILE IS DTF

User specified CDM mode on IMS configuration jproc, but existing NAMEREC file is an ISAM file. Configuration process terminates.

Reallocate NAMEREC file as a MIRAM file or specify CDM=NO on IMSCONF jproc.

F USER WANTS CDM - SYSTEM GEN FOR DTF ONLY

User specified CDM mode on IMS configuration jproc, but control system was generated in DTF mode. Configuration process terminates.

Specify CDM=NO on IMSCONF jproc and rerun.

F USER WANTS DTF - NAMEREC FILE IS CDM

User specified DTF mode on IMS configuration jproc, but existing NAMEREC file is a MIRAM file. Configuration process terminates.

Reallocate NAMEREC file as an ISAM file or specify CDM=YES on IMSCONF jproc.

F USER WANTS DTF - SYSTEM GEN FOR CDM ONLY

User specified DTF mode on IMS configuration jproc, but control system was generated in CDM mode. Configuration process terminates.

Specify CDM=YES on IMSCONF jproc and rerun.

W VARIABLE I/O-AREA LESS THAN 4K

Inadequate main storage has been allocated to the IMS job. Increase main storage specified on the // JOB card or decrease the activation record size.

VALUABLE DATA IS BEING LOST

The system journal routine generates this message when YSJF is full and data is wrapping.

Print the YSJF file to reset the printers.

VARIABLE LENGTH TAPE BLOCKSIZE NOT SAME AS DD JCL CARD BKSZ

The variable-length tape block size is not equal to the block size specified on the DD job control statement.

Correct the DD card or mount a different tape.

VERSION NUMBER MISMATCH

The version number specified on the correction card does not match the version number in the module header record.

Correct the version number on the correction card and reenter.

VERTICAL FORMS CONTROL BUFFER INVALID, VFB=vfb-name

The vertical forms control buffer (VFB) entered on the FB command cannot be found in the load library.

Determine if the VFB entered is valid and that the name was entered correctly. Resubmit the FB command.

VFB CONFIGURED FOR DVC device-address (vfb-name) DOES NOT EXIST

The printer vertical format buffer defined at SYSGEN time is not recognized by initialization. The system will perform IPL regardless of this condition, but the specified print device may not function.

Regenerate the supervisor with a correct VFB name.

VFB CONFIGURED FOR DVC device-address (vfb-name) NOT IN YTRAN

The printer vertical format buffer defined during SYSGEN is recognized by initialization but cannot be found on SYSRES. The system file YTRAN may have been destroyed. The system will perform IPL regardless of this condition but the specified print device may not function.

VFB CONFIGURED FOR DVC device-address (vfb-name) REPLACED BY vfb-name

The printer vertical format buffer defined during SYSGEN is not set up in the transient file. Initialization has loaded a default vertical format buffer instead of not loading anything. This message usually occurs in starter supervisors because those supervisors are configured with VFB names of OWNVF1 and OWNVF2. The system will perform IPL regardless of this condition.

If the default VFB is unacceptable, regenerate the supervisor with the desired VFB.

VOL vsn ON DVC volno HAS SEQ # file-no (MUST BE 1) id TERMINATED

Identifies the volume serial number, device volume number, and file sequence number. A 2-letter ID of the symbiont is terminated.

VOLUME OUT OF SEQUENCE

During SU@RST, user mounted diskette out of sequence.

When SU@RST redisplays mount message for correct diskette by volume number, mount the diskette and continue with routine.

VSN NOT PROCESSED FOR DVC device-address - TAPE REWINDING

Automatic volume recognition (AVR) will not process the VOL1 label of a tape that takes more than 10 seconds to rewind to load point during supervisor initialization.

Reissue the AVR command. If this fails, remount the tape and repeat the process. If problem persists, contact your local Sperry representative.

VTOC FILE IGNORED

Information for the SU@RST user who is not initializing his system. Indicates VTOC file ($VTOC) is in the dump/restore file being restored, but is not restored.

VTOC IS NOT FIRST FILE IN DUMP/RESTORE FILE

During SU@RST to initialize system, user attempted to restore wrong set of diskettes or a set on which the VTOC file ($VTOC) is not first file. SU@RST terminates.

Rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Use set of diskettes with the VTOC ($VTOC) as the first file.

WARM RESTART FAILED ON ROLLBACK

IMS detected an error in either the audit file or a user file that was to be rolled back to warm restart.

Run offline recovery utility to restore the user file.

WARNING - TRANSIENT FILE (YTRAN) HAS A DEFECTIVE TRACK

Supervisor initialization routine has found that YTRAN has a defective track; this is replaced by an alternate track whenever it is referenced. The system will work but performance may be impaired due to the recovery procedures called every time the bad track is accessed.

It may be necessary to copy the disk to another pack or to rerun SYSGEN to avoid this problem.

WHAT IS THE NEW EXPANSION REGION SIZE?
(CURRENTLY { expansion-region-size / 0 })

This message requests new expansion region size for dynamic buffer management.

Reply with the size of the expansion region or 0 to have a resident buffer pool.

WHAT IS NEW RESIDENT BUFFER SIZE? (CURRENTLY size)

This message requests the size of the resident buffer pool.

Reply with the size desired.

WORKSTATION COULD NOT BE OPENED

An error was detected upon the opening of the workstation file by the dialog driver.

WORKSTATION LOGGING NOT ACTIVE

DI LO was entered and workstation logging is not active.

This message is informational; no action is required.

WRITE ERROR ON { IMSASM / IMSLNK / $SCR1 / GETCS } IMS ERROR CODE=nnn,DUMP(Y,N)

The IMS configurator has detected an I/O error involving library files or the control stream. The configurator error codes are listed in Table A-1.

Key in Y to obtain configurator dump; N to terminate without a dump.

WRITE TO LOG ERR - UNEXPIRED FILE CHECKING - DISCOTxx

A message was being processed during the check for unexpired files and an error occurred.

Try to rerun. If the problem persists, take a system dump and contact your local Sperry representative.

WRONG CCA NAME ON NETREQ - JOB BEING CANCELLED

Displayed with error code 440 when the cca-name entry for the network request does not match the name defined in the network.

See Appendix A for an explanation of error code 440.

This is an informational message. No action is required.

WRONG FACTOR 1 LENGTH FOR KEYWORD

The entry in the Factor 1 field (columns 9-16) of your SORT3 specifications must be 6 for UPDATE or 2 for UMONTH, UDAY, and UYEAR. The job terminates after the remaining sort specifications are read.

Correct the entry in the Factor 1 field (columns 9-16), and resubmit the job.

YOU CANNOT RESTORE VTOC

During SU@RST, user attempted to restore VTOC file ($VTOC) when specifying individual files.

Key in another file name or rerun SU@RST by performing an initial program load (IPL) procedure to load SU@RST into main storage. Respond Y to the message ARE YOU INITIALIZING YOUR SYSTEM? to restore the most current backup to VTOC and all system files. Check all files for validity when restoring VTOC in this way.

Appendix A. Error Codes

Table A-1 lists the hexadecimal error codes that are inserted as required into the canned messages displayed or printed by components of SPERRY Operating System/3 (OS/3).

The error codes, which can also appear on the first line of the system printer for a system dump produced as the result of a cancel dump, are shown in hexadecimal at the end of the line.

The error code categories are:

Category	Error Codes
A	Hardware program exceptions
B	PIOCS logical
C	General supervisor
D	Symbiont initialization
E	Space management
F	Read file control block (RDFCB) for non-unit record devices
G	Operator communications
H	Program loader
I	Job termination
J	Tasking
K	Control stream
L	Program alter
M	Assign and set key
N	Checkpoint
O	Restart
P	DBS
Q	Read file control block (RDFCB) for printer
R	Processor machine check
T	Job control
U	Data management
V	ICAM cancel conditions
W	ICAM communications physical I/O
X	Emulator
Y	FORTRAN
Z	IMS configurator

Category	Error Codes
AA	IMS/ICAM network open errors
BB	Supervisor/ANSI 1974 COBOL
CC	ESCORT
DD	Miscellaneous
EE	Distributed data processing (DDP)
FF	Interactive control system (ICS)
GG	Resource management
HH	Security
II	TIP/30 errors

NOTES:

Any 3-digit error codes beginning with 1 that are not found in the following table indicate transient error codes. The two digits following the 1 contains the error code. For example, if you get error code 120, the 1 indicates transient error code, and the error code is actually 20, which you can then look up.

Table A-1. Error Codes (Part 1 of 24)

Error Codes (hex.)	Category	Descriptions
		NOTE: These codes are displayed in byte 4 of the user's PSW at INTERRUPT and not in the ERROR CODE as are supervisor error codes.
01	A	Operation Exception An illegal operation has been attempted or an operation using a noninstalled processor feature has been attempted.
02	A	Privileged Operation Exception A privileged operation has been attempted by a program operating in the Problem Mode (PS, bit 14 of the current PSW, set to 1).
03	A	Execute Exception The subject instruction of an *execute* instruction is an *execute* instruction.
04	A	Protection Exception A storage protection violation occurs on a program-generated address, when the Protection Feature (F1622-00) is installed.
05	A	Addressing Exception 1. A storage location outside the range of the installed storage is referenced by a program-specified address. 2. Addressing or protection exception on accessing IOSTCW.

Table A-1. Error Codes (Part 2 of 24)

Error Codes (hex.)	Category	Descriptions
06		Specification Exception 1. The unit of information referenced is not on an appropriate boundary. 2. An invalid modifier field is specified in the STR instruction. 3. The r field of an instruction which uses an even/odd pair of registers (64-bit operand) does not specify an even register. 4. A floating-point register other than 0, 2, 4, or 6 is specified. 5. A multiplicand or divisor in decimal arithmetic exceeds 15 digits and sign. 6. The first operand field is shorter than, or equal in length to, the second operand in *decimal multiply* and *divide* instructions. 7. The four low-order address bits specified by the contents of r in a *set storage key* or *insert storage key* instruction are not equal to zero. (Feature F1622-00).
07	A	Data Exception 1. An invalid sign or digit code is detected in decimal operands. 2. Fields in decimal arithmetic overlap incorrectly. 3. The first operand of the *multiply decimal* instruction does not have a sufficient number of high-order zero digits.
08	A	Fixed-Point Overflow Exception, 1. A fixed-point add, subtract, operation exceeds the capacity of the first operand field. This interrupt is masked by B (bit 36 of the current PSW program mask field). 2. Address check or storage parity check on accessing IOSTCW.
09	A	Fixed-Point Divide Exception The quotient of a fixed-point divide operation exceeds the capacity of the first operand (including division by zero) or the result of a *convert to binary* instruction exceeds 31 bits.
0A	A	Decimal Overflow Exception The result of an *add decimal, subtract decimal,* or *zero and add* instruction exceeds the capacity of the first operand location. This interrupt is masked by D (bit 37 of the current PSW program mask field).

Table A-1. Error Codes (Part 3 of 24)

Error Codes (hex.)	Category	Descriptions
0B	A	Decimal Divide Exception The quotient of a *divide decimal* instruction exceeds the capacity of the quotient part of the first operand field.
0C	A	Exponent Overflow Exception The final characteristic resulting from a floating-point arithmetic operation exceeds 127.
0D	A	Exponent Underflow Exception The final characteristic resulting from a floating-point arithmetic operation is less than zero. This interrupt is masked by E (bit 38 of the current PSW program mask field).
0E	A	Significance Exception The final fraction resulting from a floating-point addition or subtraction is equal to zero. This interrupt is masked by S (bit 39 of the current PSW program mask field).
0F	A	Floating-Point Divide Exception The divisor fraction in a floating-point divide operation is equal to zero.
10	B	CCB error - diagnostic command control block (CCB) submitted for device (PUB) not marked down.
11	B	CCB error - traffic bit not set indicates previous I/O on this CCB is incomplete.
12	B	CCB error - PIOCB (FCB) invalid.
13	B	CCB error - indicated device (PUB) marked down and CCB not diagnostic.
14	B	CCB error - indicated device (PUB) not allocated to this job.
15	B	1. **CCB error - checksum error (CCB altered while under control of PIOCS), or invalid CCB address specified to EXCP or WAIT.** 2. **Processor stall timer.**
16	B	CCB error - data address for integrated peripheral channel (IPC) not on proper boundary.
17	B	CCB error - integrated peripheral channel buffer length not proper number of bytes.
18	B	CCB error - invalid cylinder address for integrated disk adapter.
19	B	CCB error - invalid head address for integrated disk adapter.
1A	B	Illegal *format write* (attempted to IDA disk by progr other than prep).
1B	B	BCW error - a program issued an invalid BCW.
1D	B	Tape is block numbered, CCB specifies that space for the block number is not available.

Table A-1. Error Codes (Part 4 of 24)

Error Codes (hex.)	Category	Descriptions
1E	B	CCB error - system user disk sector count=0.
1F	B	Operator replied C (cancel) to error notification or mount message.
20	C	Program check error in task having no program check island code. The type of hardware program check (see error codes 01-0F) is displayed in bits 24-31 of the user's PSW in the dump.
21	C	Invalid SVC code executed.
22	C	Transient no find. Either the ID is bad or the requested transient is not in either YTRAN or YTRANA.
23	C	Task attempted to exit from nonexistent or nonactive island code.
24	C	Unrecoverable I/O error attempting transient load.
25	C	Invalid main storage address. Specified address is out of job's region.
26	C	Task issued wait for CCB not submitted by this task.
27	C	Task issued wait for ECB which was already being awaited.
28	C	Invalid attempt to remove island code (using the STXIT macro) when that island code is active.
29	D	SYSRDR required by symbiont request is down or not available or not configured.
2A	D	Mismatch in symbiont request queue. Unprocessed symbiont requests may be lost.
2B	D	Invalid request to activate a symbiont. One common cause is an error in the // CC job control statement; for example, a job initiated from a workstation trying to call a symbiont that is callable only from the system console.
2C	D	Symbiont request queue full - cannot queue any more requests.
2D	D	I/O error trying to queue a symbiont request. One or more unprocessed commands may be lost.
2E	C	Program check during processing of a resident SVC.
2F	C	Task attempted to exit from abnormal termination island code.
30	E	Unrecoverable hardware I/O error on WRITE command. VTOC/data-set-index may be disturbed.
31	E	Unrecoverable hardware I/O error on READ command. VTOC is disturbed.
32	E	I/O error on READ command. VTOC/data-set-index not disturbed.

Table A-1. Error Codes (Part 5 of 24)

Error Codes (hex.)	Category	Descriptions
33	E	Indicated device (PUB) either not allocated or not existent
34	E	File identifier error: 1. For EXTEND, SCRTCH, OBTAIN, the format 1 label record cannot be found on the specified volume. 2. For ALLOC, a file with the same file identifier already exists on this volume. 3. For RENAME, either the file identifier for the old file name cannot be found on the specified volume, or else a file with the same file identifier as new file name already exists on the volume.
35	E	No empty label records in VTOC/data-set-index.
36	E	No space available on this volume, or specified cylinder already allocated (absolute address allocation)
37	E	No file control block (FCB) found for this internal file name (LFD-name)
38	E	1. For OBTAIN function, the specified disk address is invalid. 2. The SCRTCH function is invalid for track-aligned files.
39	E	For SCRTCH: 1. Y is specified as the first three characters of file identifier to SCRTCH (prefix) function. 2. $VTOC is named as file to be scratched. For RENAME: File to be renamed is not a format label file.
3A	E	VTOC/data-set-index format error is detected.
3B	E	Request for extension of file will exceed number of allowable extents (16 for all but split file, which is allowed 13).
3C	E	Error detected in user parameter table. This indicates a failure during allocation of a file, possibly caused by incorrect // EXT statement or an attempt to allocate a MIRAM file on a data set label diskette.
3D	F	Hardware disk I/O error or software error while initiating or terminating spool subfile, or software error - invalid subdirectory I/O in system spool control tab'
3E	F	Unrecoverable hardware I/O error while reading file control block. On the swap command, this could also indicate an I/O error reading the extent request block.
3F	F	Specified FCB was not found with user RUN library.
40	G	Invalid output buffer address specified to OPR

Table A-1. Error Codes (Part 6 of 24)

Error Codes (hex.)	Category	Descriptions
41	G	Invalid output buffer length specified to OPR
42	G	Invalid canned message number specified to OPR
43	G	Invalid character within message specified to OPR
44	G	Invalid reply buffer length specified to OPR
45	G	Invalid reply buffer address specified to OPR
46	G	Invalid operation specified to OPR
47	G	Unrecoverable hardware I/O error
48	G	Internal software error - OPCOMM SCREEN control table is unstable.
49	G	Operator entered CANCEL command from the console for this job.
4A	G	Operator entered DUMP command from the console for this job.
4B	G	Operator entered STOP command from the console for this job.
51	H	Loader no-find error. This is caused by one of the following reasons: 1. Load module (or load module phase) could not be found. 2. File format 2 label could not be found.
52	H	Error in format 2 label record for specified load library. If the module being loaded is a block module, this could also mean that the block module has a length of zero.
53	H	Block number error in directory partition
54	H	Block number error in data partition
56	H	Checksum error on system LOADP function. System data at end of buffer has been changed.
57	H	Invalid text load address
58	H	Unrecoverable hardware I/O error while reading specified load library format 2 label
59	H	Unrecoverable hardware I/O error while reading specified load library directory
5A	H	Unrecoverable hardware I/O error while reading specified load library data partition
5B	H	1. Phase bigger than assigned job region; or 2. An SMC or regeneration has increased the size of a symbiont and the S option was not specified as the supervisor load option during IPL. Reboot with the S option to update the symbiont directory.

Table A-1. Error Codes (Part 7 of 24)

Error Codes (hex.)	Category	Descriptions
5D	H	Directory does not point to phase header record. If the DA option was specified on a LOAD, LOADR, or FETCH macro call, this indicates that the module has been illegally moved.
5F	H	Unrecoverable hardware I/O error while reading block module text block in specified load library
60	I	Illegal SNAP address
61	I	No printer allocated to this job and none available for SNAP or DUMP
62	I	Job step's primary task attempted termination via EOJ.DUMP, or DETACH without closing all data files or without issuing ICAM net release.
64	I	Job executed EOS (end of symbiont) macro.
65	I	Job terminated with no key assigned.
66	I	Job terminated abnormally due to compilation errors in compile-link-and-go control stream.
67	I	Job cancelled due to exceeding maximum time.
68	I	Job cancelled as a result of command from another job or symbiont, e.g., BEM.
69	C	Attempt to enter interval timer island code failed because it's already active.
6A	C	Attempt to enter program check island code failed because it's already active.
6B	C	Attempt to enter abnormal termination island code failed because it's already active.
6C	C	Attempt to enter operator communication (OPCOMM) island code failed because it's already active.
6D	C	Timer expiration with no interval timer island code present
70	J	Invalid event control block (ECB) or task control block (TCB) specified to DETACH function.
71	J	Parent task cannot be found for subtask that is terminating.
72	J	Invalid event control block or task control block specified to ATTACH function.
73	J	Maximum number of tasks (specified on JOB statement) has been exceeded.
74	J	Invalid event control block specified to TPAUSE. Event control block points to task control block which is unattached or matches calling TCB.
76	J	Nesting of subtasks has exceeded three levels.
77	J	Invalid ECB specified to AWAKE, TPAUSE, or TGO function.

Table A-1. Error Codes (Part 8 of 24)

Error Codes (hex.)	Category	Descriptions
78	J	Task issued WAITM for invalid ECB or CCB.
79	J	Primary task attempts to execute a POST macro.
7A	J	CANCEL macro issued by subtask
7B	J	Stack area is full, next save area could not be obtained.
7C	J	Size of requested stack area is too small for requested save area.
7D	J	Attempt to pop a save area from an empty stack.
80	K	Invalid parameter passed to GETCS
81	K	No embedded data file for GETCS to read
82	K	Embedded data file for GETCS is destroyed.
83	K	Unrecoverable I/O error on GETCS
86	K	Invalid parameter passed to SETCS
87	K	Data set specified in SETCS call cannot be found.
88	K	Unrecoverable I/O error trying to read job step directory in SETCS
8B	L	Invalid address (outside program region) on ALTER control card
8C	L	Format error in job step directory detected by ALTER
8D	L	Unrecoverable I/O error in ALTER processing
90	C	Error in GETINF parameters
91	C	An invalid address was specified as the write information block
94	M	Indicates no secondary key assigned, or secondary key is illegal
95	M	No storage protection
96	M	Illegal address in parameter list
98	C	Spooler cannot process this subfile because spool file is full. Resubmit job to subsystem after output writer has freed some space in spool file.
99	C	Unrecoverable error while attempting breakpoint from console
9F	C	System logical error. A SYSDUMP is required to find the problem. This may or may not indicate a serious system error but you should assume the worst and immediately hold all jobs on the job queue. IPL the system again as soon as possibile.
A0	N	Checkpoint file is not opened.
A1	N	Unrecoverable I/O error while writing a checkpoint record

Table A-1. Error Codes (Part 9 of 24)

Error Codes (hex.)	Category	Descriptions
A2	N	Checkpoint record cannot fit in checkpoint file. NOTE: If the checkpoint record cannot fit, an attempt will be made to write it at the start of the checkpoint file. If it still does not fit, this error code will be returned.
A3	N	Illegal parameter specified on checkpoint macro
A4	O	Unrecoverable I/O error while reading checkpoint file
A5	O	At restart, processor could not locate designated checkpoint.
A6	O	At restart, processor could not position data tape files; unrecoverable I/O error.
A7	O	At restart, processor determined that supervisor was not compatible with the supervisor at the time of the checkpoint.
A8	O	At restart, processor determined that hardware incompatibilities existed between the system at checkpoint time and the system at restart time.
A9	N	Checkpoint failed because not enough main storage was available to use as a buffer for external DTFs. Eliminate or reduce the number of other jobs active in main storage.
AA	O	Restart failed because not enough main storage was available to use as a buffer for external DTFs. Eliminate or reduce the number of other jobs active in main storage.
B0	P	No DBS symbiont present or DBS not properly initialized when a DBS macro was issued.
B1	P	DBS symbiont or DMS was cancelled.
B2	P	Invalid DBS or SDBS call
B3	C	Invalid GOKEY0 or GOKEYN macro call. GOKEY0 is issued while the task is executing under KEY0. GOKEYN is issued while the task is executing in non-KEY0 or if no GOKEY0 had been issued previously.
B4	C	Invalid TCB address specified on GOKEY0 or GOKEYN. The specified TCB could not be found.
B5	C	I/O error during rollout of this job.
B8	Q	No device available
B9	Q	Invalid USE or NAME in VFB or LCB job control statement
BA	Q	Insufficient space allocated for printer skip codes
BB	Q	Spool file for card reader file was not created.
BC	Q	Unrecoverable error while loading VFB or LCB.

Table A-1. Error Codes (Part 10 of 24)

Error Codes (hex.)	Category	Descriptions
BD	Q	Missing VFB job control statement (from emulator SVC to load VFB)
BE	Q	More than seven volumes were allocated for a spooling diskette file.
C0	BB	The supervisor attempted to free a region of main storage that was not previously allocated. Take a job dump and send it to your Sperry representative.
C1	BB	An invalid DLOAD function was encountered. Check the control stream to ensure that an SFT statement is present and that the load module resides in YLOD, then rerun job. If // SFT is present, and load module resides in YLOD, take a job dump and send it to your Sperry representative.
C2	BB	The DLOAD table in the job prologue is full. Increase the CALLS specification of the SFT job control statement or increase the number of DLOAD slots specified in the system generation parameter stream, and rerun.
C3	BB	Request to roll out job for dynamic expansion of the job region cannot be satisfied because rollout capability was not specified at system generation. Either run the job alone in the system or change the system generation parameter stream to allow the rollout capability.
C4	BB	This job cannot be rolled out to accommodate a request for dynamic expansion of the job region because it uses a file with locks set. Either increase the job size on the // JOB statement to eliminate the need to roll out or run the job alone in the system.
C5	BB	Request to roll out jobs for dynamic expansion of the job region cannot be satsified because not enough space is available in SYSRUN. Check to see if SYSRUN contains any unnecessary files, remove them, and rerun. If error reoccurs, run the job alone in the system.
C6	BB	Request for dynamic expansion of the job region cannot be satisfied because the job uses ICAM, DBS, DMS, or IMS. Unless these dependencies can be removed from the program, either run the job alone in the system (alone with ICAM, IMS, etc) or increase the job size on the // JOB statement so that dynamic expansion is no longer necessary.
C7	BB	Request for dynamic expansion of the job region cannot be satisfied because the expansion limit has been reached. Check to see that program logic is correct and job is not looping. If logic is correct, specify a larger EXPANSION-LIMIT on the SFT job control statement or increase the system generation expansion limit.

Table A-1. Error Codes (Part 11 of 24)

Error Codes (hex.)	Category	Descriptions
C8	BB	Request for dynamic expansion of the job region cannot be satisfied. Take a job dump and send it to your Sperry representative.
C9	BB	Dynamically expanded job region cannot be contracted because it contains an open file. Check program logic to ensure that files are closed when the COBOL CANCEL verb is issued.
CA	BB	A request to move or roll out a job for dynamic expansion of the job region cannot be satisfied because the job has one or more attached subtasks. Take a job dump and send it to your Sperry representative.
CB	BB	A request for dynamic expansion of the job region cannot be satisfied because the MINIMUM MAIN STORAGE request exceeds the amount of available main storage. Check program logic to ensure that the job is not looping. If logic is correct, the job is too big to run on your machine.
CF	Z	Information message displayed when IMS configurator abnormally terminates with a dump.
D0	B	File cannot be found.
D1	B	Sector number register (SNR) does not point to a file that is to be closed. A request has been issued to close and extend the file.
D2	B	Unrecoverable I/O error occurred during the opening or closing of the diskette file.
D3	B	An OPEN macro was issued for a diskette file when the file is already opened or a CLOSE macro was issued for a diskette file when the file is already closed.
D4	B	DSL=W (write) has not been preceded by correct enabling sequence.
D5	B	EOD value is out of range of current data set.
D6	C	Invalid parameters specified on dynamic device allocation request (GETDVC).
D7	C	Hardware device requested by GETDVC call (GET DEVICE) is down, unusable, or otherwise unavailable.
D8	C	Hardware device requested by dynamic device allocation (GETDVC) is available but specified volume cannot be mounted due to scheduling conflict.
E1	C	No binary job number given (system error) or it does not equal the job number in PUB.
E2	C	No PUB allocation table (P.A.T.) in the preamble or the PUB address is not found in P.A.T. The device is not allocated.
E3	C	Cannot use PUBALC to allocate a volume device type.

Table A-1. Error Codes (Part 12 of 24)

Error Codes (hex.)	Category	Descriptions
E7	R	Storage data parity check. Unrecoverable error, do not retry.
E8	R	Address parity check. Unrecoverable error, do not retry.
147	I	Interactive services cancelled job due to an unrecoverable remote terminal I/O error or because the terminal session aborted.
149	I	Interactive subtask cancelled by system console operator.
201	T	Unrecoverable I/O error reading job control tables or files
202	T	Open log file error
203	T	Shared data management modules are required but shared code is not configured in the supervisor. The job is cancelled.
204	T	The user program requires the SFT job control statement because the load module requires shared code definition. The module is either being created in this job or executed from an alternate library that is not RES or RUN. This error message can also occur if the load module requires more shared code that is specified on the SFT job control statement.
205	T	Invalid shared code directory block entry
206	T	Trace option specified by user but monitor is not loaded. Job executes without trace.
207	T	Library utility error in job control component.
208	T	Bad VUT (volume use table) entry.
209	T	The MTC job control statement cannot be executed; e.g., a backspace command is specified, but the tape is at load point.
211	T	Incorrect VSN for YRUN. Cannot warm start.
212	T	Bad job queue. Cannot warm start.
213	T	The system run library has the same volume serial number as the system resident library volume.
214	T	No run library for job. Cannot warm start.
220	T	Island code program check/abnormal termination.
221	T	JCAT access I/O error in save/restore.
222	T	YRUNJOB file scratch error.
223	T	Disk CCRH and relative block number conversion error. Invalid CCRH or relative block number determined.
224	T	Library utilities/CDI MIRAM library access error.
225	T	Card input spool file access error.
226	Y	Log spool file I/O error or log spool file not found.

Table A-1. Error Codes (Part 13 of 24)

Error Codes (hex.)	Category	Descriptions
2E0	CC	Fatal error occurred during ESCORT initialization or module switching. Take a dump and submit a Software User Report.
2EA	CC	Series 90 system was initially loaded with a 1K COS (control store). Load a control store of at least 2K and IPL again.
2EB	CC	Overflowed stack area.
300	U	A data management general logic error was encountered. The system normally will recover automatically from this error, however, if it occurs frequently, hold the job queue and IPL again as soon as practical. An automatic SYSDUMP will be produced; send it and the console log to your Sperry customer representative.
315	U	Invalid data management control structure (DTF or CDIB) has been used.
316	U	Invalid data management control structure (PCA) has been used.
366	U	An internal data management control structure is in a compromised state.
388	U	A data management file share logic error was encountered. The system normally will recover automatically from this error, however, if it occurs frequently, hold the job queue and IPL again as soon as practical. An automatic SYSDUMP will be produced; send it and the console log to your Sperry customer representative.
3DE	U	This error occurs when data management debug (SE DE,DM,xxxx) is activated for a particular error condition, and the error is encountered.
400	V	CCR user has a CPIOCP address (register 1) error or CPIOCP chain address error. Addresses must be on a full-word boundary and within the user's program region.
401	V	CCR user cannot be assigned a network task identity. The maximum number of CCR users for which ICAM has been configured would be exceeded by this request.
410	V	DDI user has an illegal MCT address in register 1.
411	V	DDI user cannot be rescheduled because the ARP pool is empty or format edit unable to obtain an ARP.
420	V	GET/PUT user has an illegal DTF address in register 1.
421	V	GET/PUT user cannot be rescheduled because the ARP pool is empty.
430	V	TCI user cannot be rescheduled because the ARP pool is empty. One of the RBP buffer pools is empty.
440	V	In a dedicated network, the NETREQ in your user program is requesting a network name that is not contained in the ICAM symbiont on the system.

Table A-1. Error Codes (Part 14 of 24)

Error Codes (hex.)	Category	Descriptions
441	V	DUST user has made a valid DUST call, but ARP pool is empty.
442	V	DUST user has made a DUST call other than NETREQ without previously doing a NETREQ or MOPEN to open his network.
443	V	DUST user has made an invalid overlay call.
444	V	DUST user has made a NETREQ or MOPEN, but no user control slot is available (i.e., the maximum number of users has been exceeded).
445	V	Overlay control cannot find GUST generation table.
449	V	ICAM user program is cancelled because the operator cancelled ICAM.
450	V	Invalid ICAM SVC call due to one of the following: 1. Illegal subfunction code following the SVC instructions caused by not using ICAM macros or by not configuring ICAM to support the macro used. 2. Network was not requested, in progress, or being released.
451	V	Communications user program issued a NATTACH and was cancelled for one of the following reasons: 1. User parameter list is not within the bounds of the user region. 2. User parameter list is not word aligned.
460	V	ICAM has experienced a program exception and is cancelling itself and all users from the system.
461	V	ICAM has experienced an unrecoverable disk error and is cancelling itself and all its users from the system.
462	V	ICAM is cancelling itself because the current version of the supervisor overlays the buffer control words that ICAM is configured to use.
463	V	System space for ICAM was not allocated.
464	V	System space for ICAM has been exceeded.
470	V	Cancelled as a result of GUST shutdown commands.
471	V	The global user service task encountered an unrecoverable error while processing a GETCP, output delivery notification, or line down notification.
472	V	A global user service task failure has occurred due to a bad generation, an unrecognizable TCB, an unrecognizable DUST SVC error, or no DTF due to TWA pool being empty.
473	V	CUP cancelled because of an unrecoverable PDN error. Consult your local Sperry representative.

Table A-1. Error Codes (Part 15 of 24)

Error Codes (hex.)	Category	Descriptions
480	V	Disk queueing has experienced an unrecoverable disk error and is cancelling the users of the file in error. This error also occurs if there is no ARP during SESCON SVC processing. A dynamic session establishment/disestablishment request could not be serviced because ICAM ARP pool was saturated.
481	V	Disk queueing is unable to secure an ARP for processing.
499	V	In a circuit-switching environment, the DATEX module is not present.
501	X	SAT error on pack-file mounted on 360/20 physical drive 1. SAT error message is also displayed.
502	X	SAT error on pack-file mounted on 360/20 physical drive 2. SAT error message is also displayed.
503	X	SAT error on pack-file mounted on 360/20 physical drive 3. SAT error message is also displayed.
504	X	SAT error on pack-file mounted on 360/20 physical drive 4. SAT error message is also displayed.
558	X	Insufficient main storage has been allocated to permit buffering of disk input. The amount of main storage allocated to the emulation job must be increased.
559	X	The emulated program has initiated a disk I/O command, but the emulator was not generated to recognize disks.
560	X	Disk-oriented EOJ logic has been accessed, but the emulator was not generated to recognize disks.
561	X	The system resident disk was not specified when the emulator was generated, or the user has omitted the control card with this specification from the JCL deck produced at SYSGEN.
562	X	The operator has entered a disk mount command, but the emulator was not generated to recognize disks.
563	X	The operator has entered a disk CLOSE command, but the emulator was not generated to recognize disks.
564	X	The emulated monitor does not include a PUB for the SYSRES disk.
565	X	The pack identified as a SYSRES is not a SYSRES.
566	X	The tape identified as a SYSRES is not a SYSRES.
567	X	TPS monitor tape is not 9-track.
569	X	The system resident tape was not specified at SYSGEN, or the user has omitted the control card with this specification from the JCL deck produced at SYSGEN.
599	X	A // VFB statement is missing in the emulator printer OS/3 job control for the printer.

Table A-1. Error Codes (Part 16 of 24)

Error Codes (hex.)	Category	Descriptions
600	Y	Diagnostic unit is not found in unit table. Main storage is probably destroyed.
601	Y	Compiler is cancelled by an error level that is too high.
602	Y	Invalid program check is received by FORTRAN STXIT code.
603	Y	Error occurred during error recovery processing.
604	Y	Error occurred during abnormal termination (ABTERM) processing. Main storage is probably destroyed.
605	Y	Program is terminated by FORTRAN fatal error processing.
606	Y	Linked module contained no main program. Check link stream for errors.
607	Y	Abnormal termination of FORTRAN IV compiler. See printout for explanation.
608	Y	Error on FORTRAN IV compiler's print file, PRNTR. See error message FF905.
610	Y	Compiler has cancelled the program because the required micrologic expansion (2K COS) was not available.
612	Y	Linked module contained DTF FORTRAN support but supervisor supports only CDI.
613	Y	Linked module contained CDI FORTRAN support but supervisor supports only DTF.
620	C	Main storage buffer requested by system software (via GETBUF macro) is not available. Rerun the job and if error persists, run the job alone in the system.
621	C	Invalid buffer size on GETBUF request (either zero or too large to fit in main storage).
622	C	Invalid job number specified on GETBUF request.
623	C	Invalid FREEBUF macro. The specified buffer address does not correspond to any allocated buffer.
624	C	GETBUF or FREEBUF request rejected because the dynamic buffer pool linkages have been destroyed. Although the system will attempt to recover from this condition, the system console operator should hold jobs on the job queue to prevent new jobs from also encountering this error.
62A	C	Task with active shared code is being terminated by a "DETACH" request from another task.
62B	C	A shared code module attempted to perform a function not available to shared code.
62C	C	Program attempted an invalid shared code call (SCALL). Either the supervisor doesn't support dynamic shared code or the SCALL was issued from within island code or a transient.

Table A-1. Error Codes (Part 17 of 24)

Error Codes (hex.)	Category	Descriptions
62D	C	Invalid shared code return (RETURN).
62E	C	Invalid shared code name or ID specified on shared code call (system SCALL macro).
62F	C	Shared code module cannot be loaded because shared code directory is full. If this error occurs frequently, you should re-SYSGEN the supervisor with more slots in the shared code directory.
630	V	ICAM not present or not properly initialized.
631	P	DMS not present or not properly initialized.
633	C	LISTDEL processing (subfunction of dynamic shared code) found an error while trying to free a sub-buffer.
638	C	Program check during switch list scan. This is a catastrophic system error indicating that a task control block (TCB) has been destroyed. Some jobs currently in main storage might continue to execute normally but you should hold all jobs on the job queue and IPL the system again as soon as possible.
639	C	Main storage management error. This is a catastrophic system error indicating that linkage to one or more main storage regions (e.g., job, symbiont) have been destroyed. Jobs currently in main storage might continue to execute normally but you should hold all jobs on the job queue and IPL the system again as soon as possible.
640	T	The YCAT file does not exist on SYSRES.
641	T	The given file label was not found in the catalog.
642	T	The file was a generation file but no specific generation was requested.
643	T	A read or a write password is user-supplied and conflicts with a password in the catalog, or neither read nor write password password is user-supplied and both are in the catalog for the specified file.
644	T	A member of a generation file set was requested and the specific member was not found or the file is not a generation file.
645	T	I/O error of incorrect format 2 address in TV$CAT transient.
646	T	An incorrect parameter was supplied to TV$CAT transient. Label size in FCB is not in range of 1 to 44, or linked FCB does not have a matching label.
647	T	User supervisor has bit BB$CATPW set, indicating no passwords or generation files, and a request for a generation file was made.
650	C	Transient executed TOVLYR when a prior transient had already issued TOVLYR. This is a system logic error.

Table A-1. Error Codes (Part 18 of 24)

Error Codes (hex.)	Category	Descriptions
651	D	Symbiont initialization no-find. A request by the system to activate (CALLSYM) or provide information about (SYMBI) a symbiont is invalid because the ID is unknown. If the request was a CALLSYM cancel, this indicates the specified job name could not be found in main storage.
652	D	Invalid symbiont initialization request. A system job issued a CALLSYM for a symbiont that is not callable from a job.
653	D	Invalid symbiont initialization request. The supervisor does not support the feature (e.g., interactivity, spooling) required to activate a symbiont requested via the system CALLSYM function.
654	D	Device required to activate a symbiont via the system CALLSYM function is not available or there are too many other CALLSYMs also needing the specified device (e.g., too many output writer PR requests for the available printers).
655	D	A request by a system job (e.g., BEM) to cancel a job cannot be performed because a cancel is already in progress.
656	D	Invalid SYSCOM. The 12-byte reason is returned to the calling program.
657	FF	Invalid call of the interactive services command processor shared code module (RC$CMD). This is an internal system error caused by a component other than interactive services (IS) or the interactive command language (ICL).
658	C	Program exception in switcher idle loop. The system will attempt to recover from this condition, but if a dump is produced by the system, it should be analyzed to determine the reason for the error.
660	FF	Job key is unavailable.
661	FF	Job size is invalid.
662	FF	Insufficient memory exists to satisfy the new job size as requested.
670	C	Unidentified error code.
690	C	There is a local storage overflow in shared code.
691	DD	Invalid procedure linkage.
69F	C	An unrecoverable programming or logic error occurred while in shared code. Print the dump and submit a software user report (SUR).
6A0	FF	ICS command parser detected an internal system error.
6A1	FF	ICS parameter evaluation routine detected an internal system error.

Table A-1. Error Codes (Part 19 of 24)

Error Codes (hex.)	Category	Descriptions
6A2	FF	ICS screen log manager detected an internal system eror.
6A3	FF	ICS command table handling detected an internal system error.
6A4	FF	ICS command prompting detected an internal system error.
6A5	FF	ICS variable handling detected an internal system error.
6A6	FF	ICS command controller detected an internal system error.
6A7	FF	ICS command interpreter detected an internal system error.
6A8	FF	ICS step processor detected an internal system error.
6A9	FF	ICS file registration (create file) detected an internal system error.
6AA	FF	ICS file assignment (ATTACH/DETACH) detected an internal system error.
6AB	FF	ICS CALL command processing detected an internal system error.
6AC	FF	System error encountered during OS/3I session initialization.
6AD	FF	System error encountered during OS/3I session termination.
6AF	FF	System error caused by an unknown ICL component or service module reporting an error incorrectly. This error is reported as a system error followed by an IS235 error message which provides information in determining the component causing the problem; specifically, if the LOG ENTRY in the IS235 message starts with a C3, the problem may be in the command controller, otherwise the problem is in the service module which processes the command specified in the IS235 message.
6C0	EE	No memory is available to process and send a message to a remote node.
6C1	EE	A message for a remote node cannot be processed because DDP is not currently in the system.
6FF	DD	A job with a // OPTION SMC card has been terminated abnormally because the SMC communication transient was unable to terminate normally.
701	DD	The assembler received an I/O error. Refer to the data management error message for a more complete explanation.
702	HH	Security LOGON services detected an internal system error.

Table A-1. Error Codes (Part 20 of 24)

Error Codes (hex.)	Category	Descriptions
703	HH	Profile management detected an internal system error.
704	HH	Security policy enforcement detected an internal system error.
705	HH	Security log detected an internal system error.
9xx	II	Error codes beginning with 9 are TIP/30 error codes (xx represents the specific error code). Contact the TIP/30 support organization for details.
C34	Z	Close error on source file for IMSASM, IMSINP, or IMS$LNK modules. Files may be compromised. Create display, using OS/3 librarian.
D61	Z	Open error on system scratch file ($SCR1), GETCS, or IMS$INP. Check job stream for missing LFD statements. IMS$IMP is the LFD name for the configurator source file. An invalid specification on the INPUT parameter of the IMSCONF jproc will cause an error on this file. Rerun; if error persists, try displaying specified module. If module cannot be found, a DM24 message will result on IMS$INP file.
D62	Z	Open error on source file for IMSINP, IMSASM, or IMS$LNK modules. Check for missing LFD statements in job stream and rerun.
D92	Z	Read error on IMSASM, IMSINP, IMS$LNK, or $SCR1. Display files. This may be a hardware problem. Try other disk drives and rerun.
E63	Z	Write error on IMS$ASM or IMS$LNK. File may be too small or disk space unavailable. This may be a hardware problem. Try other disk drives and rerun.
0009	AA	One or more lines in the network could not be mapped to a physical port. Check definition of lines in the ICAM generation and that they are mapped correctly if the ID parameter of the LINE macro is specified.
000A	AA	No available CA tables for one or more lines. Verify CACH keyword specification in the MCP definition. Also verify that you have specified enough CA subchannels to map all the lines generated in your CCA.
000C	AA	Journal file initialization error has occurred. Correct the file error and rerun.
0040	AA	CA initialization error.
0100	AA	IMS did a NETREQ of a global network before GUST was executed. Wait until GUST is loaded and initialized before reexecuting IMS.
0102	W	Return of CPIOCPs due to immediate turn off
0201	W	Improper status condition
0204	W	No more buffers
0210	W	Buffer completion, no EOM

Table A-1. Error Codes (Part 21 of 24)

Error Codes (hex.)	Category	Descriptions
0800	AA	Disk error on opening a file. Ensure that an SAT file is allocated and assigned to IMS 90 job for each DISCFILE macro in the ICAM generation, that the LFD-name matches label on the DISCFILE macro, and that the FILEDIV percentage is adequate.
0802	W	Maximum number of CCR users exceeded
0804	W	CCRU buffer pool empty
0808	W	Autobuffer offset error
0810	W	Autobuffer pool empty
0820	W	CCRU line request CA table error
0840	W	CCRU line request error
0880	W	CPIOCP format/procedure error
0900	AA	Attach error. Verify that you have specified a DISCFILE macro for each disk queueing file specified on a TERM, PRCS, or QUEUE macro.
0A00	AA	Disk error on reading a file. Verify that DISCFILE macros are correctly specified and that the files have been allocated and assigned to the IMS job.
0B00	AA	TCI invalid TCS address
0C00	AA	File error. Verify that disk queueing files have been allocated as SAT files and have been assigned correctly.
0D00	AA	In a dedicated network: loader error, insufficient main storage, or duplicate CCA name. Check the ICAM generation for errors. In a global network: LOCAP name specified by IMS at start-up does not match any LOCAP name in the network definition, or LOCAP specified is already attached. Verify that the CUP parameter specification in the configurator NETWORK section matches the label of a LOCAP macro in the network definition and that the LOCAP is not already attached by another programn.
0E00	AA	SAT error returned when attempting to open an ICAM disk file. Verify that an SAT file has been correctly allocated and assigned to the IMS job for each DISCFILE macro in the ICAM generation.
0F00	AA	CCA saturation (ARP unavailable)
1000	AA	User saturation (ICAM user slot unavailable)
1002	W	Nonoperational
1004	W	Disconnect
1008	W	Open line
1010	W	Data set ready off
1020	W	Channel error

Table A-1. Error Codes (Part 22 of 24)

Error Codes (hex.)	Category	Descriptions
1040	W	Bus out check
1080	W	Command reject
1100	AA	Memory saturation (REQM error)
2000	AA	GUST requesting dedicated CCA
2002	W	Space to mark
2020	W	Break
2040	W	Ring indicator
2100	AA	TCI address in TCS not in user region
2200	AA	TCI invalid input notification address
2300	AA	TCI invalid delivery notification
2400	AA	TCI invalid SVC completion address
2500	AA	TCI invalid contingency notification address
2600	AA	TCI invalid first PTAB address
2800	AA	A terminal name defined in configuration or through warm or cold restart does not match a terminal name in the ICAM network definition. Correct either the network definition or the IMS configuration.
2900	AA	The number of terminals defined in configuration or through warm or cold restart, plus additional static terminals listed in the ICAM network definition, is greater than the TERMS specification in the configurator NETWORK section. Correct either the network definition or the IMS configuration.
2A00	AA	Duplicate terminal name. This indicates an error in the IMS network initialization routine. Submit a software user report (SUR).
2B00	AA	Terminal defined in configuration or through warm or cold restart is in session with another program. Try bringing up IMS in clean start mode. If this was done initially, or if the same problem occurs, IMS cannot be initiated until the terminal is released by the other program.
2C00	AA	Terminal defined in configuration or through warm or cold restart is not a terminal. Verify that all terminal names defined to IMS are defined in the ICAM network definition.
2D00	AA	A static terminal (a terminal defined in a SESSION macro in the ICAM network definition) is in session with another program. IMS cannot be initiated until the terminal is released by the other program.
4100	AA	The APPS-name requested does not match any LOCAP name.

Table A-1. Error Codes (Part 23 of 24)

Error Codes (hex.)	Category	Descriptions
4200	AA	The APPS-name requested is already attached to another CUP.
4300	AA	Duplicate NATTACH from the same user.
4400	AA	The APPS-name requested is a remote LOCAP.
0400	AA	Error return address outside user region
0401	W	Busy status at SIO time
0402	W	IPC buffer wraparound
0404	W	Carrier off or dial failure
0408	W	CA time-out
0410	W	CPIOCP time-out
0420	W	Abort
0440	W	Data check; LRC/CRC or character parity
0480	W	Input overrun
0500	AA	Password specified on ICAM CCA macro does not match password specified with PASSWORD parameter in configurator NETWORK section.
0600	AA	Network name specified on ICAM CCA macro does not match NAME parameter specification in configurator NETWORK section; or the TERMS parameter specification in the NETWORK section is not equal to or greater than the number of terminals in an ICAM dedicated network or the nmber of static terminals in an ICAM global network. Verify that correct ICAM symbiont has been loaded and that the NAME and TERMS parameters in the IMS configuration are correct.
0710	C	Batch jobs limit has been reached.
0711	C	Workstation batch jobs limit has been reached.
0712	C	Single workstation job limit has been reached.
0713	C	Run Symbionts limit has been reached.
0714	C	Interactive session limit (LOGON) has been reached.
0715	C	Interactivve batch session limit (ENTER) has been reached.
0716	C	DDP jobs limit has been reached.
0717	C	DDP jobs/host limit has been reached.
0718	C	RBP jobs limit has been reached.
0719	C	Class 2 memory limit (symbiont use area) has been reached.
0720	C	Class 3 memory limit (interactive use area) has been reached.

Table A-1. Error Codes (Part 24 of 24)

Error Codes (hex.)	Category	Descriptions
0721	C	Class 4 memory limit (batch use area) has been reached.
0722	C	Resource management call parameter error.
4500	AA	NATTACH while GUST shutdown is in progress.
C000	AA	DUST table flags incorrect. Verify that the correct ICAM symbiont has been loaded.
C200	AA	NETREQ with an already active network. Verify that the network named to the configurator and in the ICAM generation are the same and are different from any other network name being used in the system.
D000	AA	DUST table length incorrect. Verify that correct ICAM symbiont has been loaded.
E000	AA	DUST table not full-word aligned. Verify that correct ICAM symbiont has been loaded.
F000	AA	DUST table outside user region. Verify that correct ICAM symbiont has been loaded.

Appendix B. SAT DTF Error Status Field Settings

SAT error conditions are recorded in a 2-byte error status field (bytes 50 and 51) in the SAT DTF. This information is available to the user after his request has been completed. The various error status field settings are listed. Note that the bit settings can be combined to provide a more explicit description of a detected error.

Byte	Bit	Error/Status Code	Reason for Setting
0	0	Logical end of track	This bit is set for information purposes only. When set, it indicates that access has been made to the last block on the current track.
	1	Invalid ID; block not in specified extents	This bit is set when the relative block number requested is higher than the number of blocks in the partition.
	2	Invalid PCA ID	The bit is set when an imperative macro is issued for a PCA which cannot be identified in the extent table for specified DTF.
	3	Hardware error	This indicator is set when the transmission byte in the CCB indicates that an error has occurred.
	4	Error detected during OPEN processing	Self-explanatory
	5	Error detected during CLOSE PROCESSING	Self-explanatory
	6	Invalid macro or macro sequence detected	Self-explanatory
	7	Reserved for future use	
1	0 thru 7	Reserved for future use	

Appendix C. RPG II *ERROR Field Descriptions

C.1. *ERROR

*ERROR is a 12-byte area that contains information useful in debugging an RPG II program. The format of this area is:

Byte	Contents
0	Error code
1-3	Status bytes
4-7	Address pointer 1
8-11	Address pointer 2

When an RPG II program senses an error condition, the HO indicator is set on, and the appropriate error information is placed in the *ERROR fields. Depending upon the error, the program either terminates immediately or after detail output if the HO indicator is not set off by the user. If the HO indicator is not set off, the program will terminate, and an error message that indicates the reason for termination along with the contents of the *ERROR area will be printed.

Table C-1 shows the information that is placed in the *ERROR fields when a particular error condition occurs.

*Table C-1. Information Placed in *ERROR Fields when a Particular Error Condition Occurs (Part 1 of 3)*

Prog. Act. (1)	Error Message That Indicates Condition That Set HO Indicator On	Contents of *ERROR Fields				
		Error Code		Address Pointer 1 (2)	Operator Address Pointer 2 (2)	Oper. Control Options (3)
		Graphic	Hexa-decimal			
C	RPG001 UNDEFINED RECORD TYPE	A	C1	–	IORB	1, 2, 3
C	RPG002 COLLATING SEQUENCE ERROR	B	C2	–	FILE DES	1, 2, 3
C	RPG003 RECORD SEQUENCE ERROR	C	C3	–	FILE DES	1, 2, 3
T	RPG004 INVALID ARRAY INDEX	D	C4	FIELD	TLF	0, 2, 3

*Table C-1. Information Placed in *ERROR Fields when a Particular Error Condition Occurs (Part 2 of 3)*

Prog. Act. (1)	Error Message That Indicates Condition That Set H0 Indicator On	Contents of *ERROR Fields				
		Error Code		Address Pointer 1 (2)	Operator Address Pointer 2 (2)	Oper. Control Options (3)
		Graphic	Hexa-decimal			
T	RPG005 NEGATIVE SQUARE ROOT	E	C5	FIELD	–	0, 2, 3
T	RPG006 PUT (UPDATE) NO GET	F	C6	–	IORB	2, 3
T	RPG007 FILE NOT OPENED	G	C7	–	–	2, 3
T	RPG008 TABLE SEQUENCE ERROR	H	C8	–	TLF	0, 2, 3
T	RPG009 TABLE FULL	I	C9	RECORD	TLF	0, 2, 3
T	RPG014 INVALID KEY FOR CHAINING	J	D1	KEY	IORB	2, 3
T	RPG036 SPECIAL FILE ERROR	K	D2	–	IORB	2, 3
T	RPG012 SAM ERROR	L	D3	–	IORB	2, 3
T	RPG013 READ ISSUED TO DEMAND FILE AT EOF	M	D4	–	FILE DES	0, 2, 3
C	RPG032 INVALID CHAINING REQUEST	N	D5	–	–	2, 3
–	RPG027 DISPLAY CONSOLE ERROR	O	D6	–	–	1, 2, 3
T	RPG034 CARD READ/PUNCH ERROR	P	D7	–	–	2, 3
T	RPG035 PRINTER ERROR	Q	D8	–	–	2, 3
C	RPG018 DAM NO RECORD FOUND	R	D9	KEY	IORB	1, 2, 3
T	RPG019 DAM OTHER	S	E2	KEY	IORB	2, 3
T	RPG020 ISAM ERROR	T	E3	–	IORB	2, 3
C	RPG021 ISAM NO RECORD FOUND	U	E4	KEY	IORB	1, 2, 3
T	RPG033 GETCS ERROR	V	E5	–	–	2, 3
C	RPG023 ISAM OVERFLOW AREA FULL	W	E6	KEY	IORB	0, 2, 3
T	RPG029 NON NUMERIC DATA INPUT TO NUMERIC FIELD	X	E7	FIELD	–	0, 2, 3
C	RPG025 ISAM DUPLICATE RECORD	Y	E8	KEY	IORB	0, 2, 3
T	RPG030 DIVIDE BY ZERO EXCEPTION	Z	E9	FIELD	–	0, 2, 3
	RPG044 PROGRAM EXCEPTION ERROR	0	F0	–	–	2, 3
T	RPG042 UNRECOVERABLE TELE-COMMUNICATIONS ERROR	1	F1	RCB	–	2, 3
T	RPG043 FILE ABORTED BY REMOTE TERMINAL OPERATOR	2	F2	RCB	–	2, 3
T	RPG041 CONSOLE I/O ERROR	3	F3	–	IORB	2, 3
T	RPG045 WORKSTATION ERROR	4	F4	–	–	2,3

*Table C-1. Information Placed in *ERROR Fields when a Particular Error Condition Occurs (Part 3 of 3)*

Prog. Act. (1)	Error Message That Indicates Condition That Set H0 Indicator On	Contents of *ERROR Fields				
		Error Code		Address Pointer 1 (2)	Operator Address Pointer 2 (2)	Oper. Control Options (3)
		Graphic	Hexa-decimal			
–	RPG046 INVALID ID FOR NEXT OPERATION	5	F5	–	–	0, 2, 3
T	RPG047 INVALID FUNCTION KEY	6	F6	–	–	2, 3
T	RPG048 PROGRAM WORKSTATION LIMIT EXCEEDED	7	F7	–	IORB	2, 3

NOTES:

(1) Program Action

C	Program terminates after detail output; H0 indicator can be set off unless it was set on during heading or detail output.
T	Program terminates immediately..

(2) Address Pointers

FILE DES	Address of file descriptor area
FIELD	Address of field associated with the error condition
KEY	Address of key field associated with the error condition
RECORD	Address of the record associated with the error condition
RCB	Address of remote control block
TLF	Address of the table linkage field plus 16
IORB	Address of input/output request block

(3) Operator Control Options

0	Continue
1	Bypass
2	Controlled termination
3	Program terminates immediately.

C.2. FILE DESCRIPTOR (FILE DES)

The file descriptor (FILE DES), table linkage fields (TLF), remote control block (RCB), and input/output request block (IORB) are areas that contain additional information useful in debugging an RPG II program. These areas are referenced by the *ERROR address pointer fields when certain error conditions occur. (See Table C-1.) The format of the file descriptor (FILE DES) field is:

Byte	Contents
0-1	N/A. The first digit of byte 0 is always hexadecimal B. The next two digits contain any hexadecimal number (X'Bnn).
2-3	Displacement to input/output request block (IORB)

Byte	Contents
4-7	Address of move to fields routine
8-11	Address of resulting indicator
12-15	Address of level break routine
16-19	Address of numeric sequence control block
20	Control byte
21	Last numeric sequence read
22	Next numeric sequence
23	Highest numeric sequence for file
24-27	Address of look-ahead routine
28	Matching fields hold area

C.3. TABLE LINKAGE FIELD (TLF)

The format of the table linkage field (TLF) is:

Byte	Contents	
0	Bit position:	
-	0-3	Not used
	4	0=numeric 1=alphabetic
	5	0=packed 1=unpacked
	6-7	0=not sequenced 1=ascending sequence 2=descending sequence
1	Table or array entry length-1	
2-3	Number of occurrences	
4-7	Starting address of table or array	
8-11	Ending address of table or array	
12-15	Work address (used to store address of located entry)	

C.4. INPUT/OUTPUT REQUEST BLOCK (IORB)

The format of the input/output request block (IORB) is:

Byte	Contents	
0-3	Current record address	
4-7	Random access parameter	
	REL DAM:	Relative record number
	ID DAM:	Address of 6-byte record ID
	ISAM:	Address of KEY

Byte	Contents
8-9	Record length
10-11	Line counter value
12	Line counter file switch X'11'- Line counter present X'EE'- Error indicator; table missing
13	File number
14	Action byte X'00' - Read X'02' - Write X'04' - Control X'20' - Open X'40' - Close X'80' - SETL X'82' - ISAM ADD
15	Skip before print/stacker select X'0n' - Channel/stacker number X'FF' - No skip/select
16	Space before print X'0n' - Number of lines to skip X'FF' - No skip
17	Skip after print
18	Space after print
19	Overflow/EOJ switch X'22' - EOF ON X'33' - End of ISAM limits X'F0' - Overflow switch ON X'00' - Switch OFF
20	Secondary overflow switch X'F0' - Secondary overflow switch ON
21	ISAM and file translation switch X'80' - ISAM sequential; whole file X'40' - ISAM limits X'20' - ISAM random X'10' - ALPHA NUM KEY X'08' - SETL ORSETFL performed X'04' - ESETL OR ENDEL performed X'02' - READ performed X'01' - Not used
22	Flag byte X'80' - File translation X'40' - Alternate collating sequence X'20' - Buffer clear performed X'10' - Remote device X'08' - First call to I/O routine after open X'04' - Direct output INIT required X'02' - ISAM preprocessing required X'01' - Last file

Byte	Contents
23	ISAM limits first pass X'11'ON
24	I/O interface routine address
25	File type flags X'80' - Update/combined file X'40' - Table file (pre-EXEC) X'20' - Report file X'10' - Display file X'08' - Key addressing (ISAM) X'04' - REL record addressing (DAM) X'02' - ID addressing (TAG DATA) X'01' - File conditioned off by U1-U8
26-27	Base displacement address of file condition indicator
28-31	Address of work area
32-35	Address of file DTF
36-39	Address of I/O interface
40-43	Address of second I/O interface
44-45	Address of file's overflow indicator
46-47	Not used

C.5. REMOTE CONTROL BLOCK (RCB)

The format of the remote control block (RCB) is:

Byte	Contents	Explanation
0-2	N/A	
3	Remote device	
	X'01'	U100
	X'02'	DCT500
	X'03'	TTY
	X'04'	DCT1000
	X'05'	DCT2000
	X'06'	1004
	X'07'	9200/9300
	X'08'	IBM 2780
	X'09'	BSC
4-17	N/A	
18	Status	
	X'01'	File open
	X'02'	Line open
	X'04'	Line closed

Byte	Contents	Explanation
	X'08'	Read in progress
	X'10'	Write in progress
	X'20'	Yield request
	X'40'	Wait done
	X'80'	Device down
19	N/A	
20-23	Input MCT packet address	
24-27	Output MCT packet address	
28-31	N/A	
32	Auxiliary device	
	X'10'	Tape cassette
	X'20'	Paper tape
	X'30'	Paper tape reader
	X'40'	Punch
	X'50'	Reader
	X'60'	Printer
	X'80'	1442-1
	X'90'	1442-2
	X'A0'	1443
33	Format	
	X'01'	Read error
	X'02'	Write error
	X'04'	First read
	X'08'	First write
	X'10'	Double buffer
	X'20'	Blocked
	X'40'	Multifile
	X'80'	File, device EOF
34	N/A	
35	Miscellaneous	
	X'02'	Unattended answering
	X'04'	Ring indicator
	X'08'	Write line down
	X'10'	Line size 64
	X'20'	Break

C.6. STATUS BYTE FIELD

When data management errors occur, more information to help you debug the program is placed in the status bytes field (bytes 1 - 3) of the *ERROR field.

If you are dealing with a sequential (SAM) file or a direct (DAM) file and a data management error occurs, the following information can appear in the status bytes:

Byte	Contents	Explanation
0	X'80'	Last record on track accessed
	X'40'	Invalid ID (address) detected
	X'20'	Invalid DTF or DPCA macro
	X'10'	Hardware error detected
	X'08'	Error detected in OPEN
	X'04'	Error detected in CLOSE
	X'02'	Invalid macro/macro sequence issued
	X'01'	WAITF required
1	X'80'	I/O completed
	X'40'	Unrecoverable errors
	X'20'	Unique unit error
	X'10'	Record not found
	X'08'	Unit exception
	X'04'	Wrong length detected
	X'02'	End of track
	X'01'	End of cylinder
2	X'80'	Record size invalid
	X'40'	Logical-end-of-file/partition
	X'20'	Logical end-of-file
	X'10'	Invalid subfile index
	X'08'	Not used
	X'04'	Not used
	X'02'	Not used
	X'01'	Not used

If you are dealing with an indexed sequential (ISAM) file and a data management error occurs, the following information can appear in the status bytes:

Byte	Contents	Explanation
0	X'80'	Last record on track accessed
	X'40'	Invalid ID detected
	X'20'	Invalid DTF
	X'10'	Hardware error detected
	X'08'	Error detected in OPEN
	X'04'	Error detected in CLOSE
	X'02'	Invalid macro/sequence
	X'01'	Not used
1	X'80'	I/O complete
	X'40'	Unrecoverable error
	X'20'	Unique unit error
	X'10'	Record not found
	X'08'	Unit exception
	X'04'	Wrong length detected
	X'02'	End of track
	X'01'	End of cylinder
2	X'80'	Record size invalid
	X'40'	Logical end of file
	X'20'	File space exhausted
	X'10'	Processing inhibited
	X'08'	Invalid index or file condition
	X'04'	Sequence error
	X'02'	Duplicate record
	X'01'	Add rejected - previous check

If you are dealing with a remote (telecommunications) file and an unrecoverable telecommunications error occurs (indicated by the error message RPG042 UNRECOVERABLE TELECOMMUNICATIONS ERROR), the following information can appear in the status bytes:

Byte	Contents	Explanation
0	X'00'	Network request error
	X'01'	Line request error
	X'02'	I/O attempted to file with error indicator on
	X'03'	Invalid CCA format
	X'05'	Batch error
	X'06'	Two consecutive reads on an interactive remote file
	X'07'	Terminal name inconsistent with CCA
	X'08'	Two consecutive writes on an interactive remote file.

If you are dealing with a remote (telecommunications) file and the file is aborted by the remote terminal operator (indicated by the error message RP043 FILE ABORTED BY REMOTE TERMINAL OPERATOR), the following information appears in the status bytes:

Byte	Contents	Explanation
0	X'05'	File aborted by remote terminal operator.

Appendix D. HPR Stop Codes

This appendix lists all HPR stop codes. On Series 90, the codes are displayed on the operator maintenance panel. On System 80, the complete HPR instruction is displayed on the console. The codes are listed in eight groups in Table D-1.

1. Data management
2. Supervisor initialization routine
3. General supervisor routine
4. Patch (SU$PAT) routine
5. Initial program load (IPL) routine
6. Stand-alone copy routine
7. Miscellaneous
8. Spooling routine
9. Communications

In Table D-1, each HPR code is immediately followed by S, H, S/H, or H/S, indicating whether the HPR stop occurred because of a software (S) or hardware (H) problem. S/H indicates the problem is more likely to be software related, but could be hardware related, and H/S indicates the opposite is true. If the HPR stop occurred because of a hardware problem, call your customer engineer. If the HPR stop happened due to a software problem and you are working from a Series 90 system, call your Sperry representative; if the HPR stop was caused by a software problem and you are working from System 80, call Marketing Central Support Service.

The code has the following format:

- System 80

  The complete HPR instruction appears on the console.

- Series 90

  99mmnnnn

  where:

  99mm

  Appears in bit positions 100 through 115 in the upper scale of legend #7 on display 1 on the maintenance panel.

  nnnn

  Appears in bit position Z00 through Z15 on the upper scale of legend #6 on display 1 on the maintenance panel.

If the description of the halt does not seem to apply to your halt, write down the PSW address from the console or maintenance panel as follows:

- System 80

  The PSW address is displayed on the console.

- Series 90

  1. Set DISPLAY SELECT switch on maintenance panel to UPPER.
  2. Set PROC REG ADDRESS dials (two rightmost data entry dials) to 28.
  3. Set ALTER DISPLAY CONTROL to PROC REG B - bytes 2 and 3.
  4. Press DISPLAY switch.
  5. Read address in PSW from B8-B31 of legend #3 on display 1.
  6. Get SYSDUMP and write PSW address on the listing. This will aid HPR analysis since dump does not provide PSW address.

With some HPRs you can continue past the HPR even though a SYSDUMP is warranted. You'll have to decide between taking down the system to obtain a SYSDUMP and continuing with the system possibly degraded.

To continue past an HPR stop:

- System 80

  Simultaneously press the FUNCTION and START keys.

- Series 90

  Press RUN on the maintenance panel.

Table D-1. HPR Stop Codes (Part 1 of 21)

HPR Code (hexadecimal)	Meaning
	Data Management
9960 H	A disk I/O error occurred during the restart process. The I/O may be retried by initiating a function RESTART.
99000444 S	Unrecoverable I/O error in the SYSRES YSHR file. If write protect is enabled, disable the write protect feature. If this is any other I/O error, contact your local Sperry representative.
99000555	Same as 99000444
	Supervisor Initialization Routine
990101xx H/S	Error occurred during console I/O, where xx is a subcode as follows: 40-4F = Supervisor OPCOMM error code Prob. Reg. 1 points to buffer containing X'5Bnnnn', where nnnn is the number of the canned message that should have appeared. Supervisor initialization will continue by pressing RUN or START, as appropriate. A console message may have been lost, however. Otherwise, xx is the first sense byte in the system console CCB used by supervisor initialization.
990102xx H/S	Error occurred while writing a console message to warn that YTRAN has a defective track. Subcode xx is the supervisor OPCOMM error code (40-4F). Press RUN or START, as appropriate, to continue.
990103xx H/S	Console I/O error occurred in writing messages issued by PIOCS, AVR, or spooler. Subcode xx is the first sense byte in CCB used by OPROUT. The message in error may or may not be displayed correctly but is included in its correct form on the console log. Press RUN or RESTART, as appropriate, to continue.
990202xx H/S	Error occurred while attempting to load the supervisor initialization load module (SL$INTOO) from YLOD. Subcode xx is the loader error code. See Appendix A.

Table D-1. HPR Stop Codes (Part 2 of 21)

HPR Code (hexadecimal)	Meaning
	Supervisor Initialization Routine (cont)
9903xxyy S	Unrecoverable error during supervisor initialization, where xx is a subcode as follows: 01 = Error during initialization of resident shared code. Verify that SYSGEN reshare parameter is used properly. 02 = Error trying to load either interactive services (IS), spooling initialization (IZ), or job control initialization (TI). 03 = Error when attempting to load the logical unit table (SL$LUTOO) from YLOD. Subcode yy is the loader error code. See Appendix A.
99030404 S	Unrecoverable error caused by configuring transient areas past 64K-1. Regen the supervisor with fewer transient areas.
990404xx H/S	Unrecoverable error occurred while initializing SYSRES, where xx is a subcode as follows: 00 = I/O error on read or write to SYSRES when SYSRES is different from SYSRUN Prob. Reg. 1 = CCB address Prob. Reg. 2 = Disk address (ccrh) trying to read or write 01 = Transient ID mismatch in symbiont directory within YTRAN or YTRANA Prob. Reg. 2 = Disk address (ccrh) of incorrect sector 02 = Transient overlay TO$SIT1 is missing or bad. Prob. Reg. 2 = Disk address (ccrh) of bad sector on SYSRES 03 = Bad SB$TRF or SB$OVT in SIB (set up by IPL) 04 = I/O error when searching for YCLOD
990505xx H/S	Unrecoverable I/O error on SYSRUN (or SYSRES if same as SYSRUN) Subcode xx is the first sense byte in the SYSRUN CCB. Refer to the hardware and software summary for I/O sense byte definitions. Prob. Reg. 1 = CCB address Prob. Reg. 2 = Disk address (ccrh) trying to read/write

Table D-1. HPR Stop Codes (Part 3 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine
9906xxyy H/S	Unrecoverable machine check error where subcode xx is as follows: (subcodes may occur in combination) System 80 model 8 only. 00 08 = Key memory error 10 = Memory control error 20 = Memory 1-bit error 40 = Memory 2-bit error 80 = Exigent hardware error during machine check interrupt processing. 01 = Information relating to the instruction that was executing when the machine check occurred has been saved. 02 = Environmental abnormality (e.g., power, temperature) 08 = An abnormal state has occurred during I/O processing; other bit settings indicate the unit where the abnormality occurred. 10 = Program check while processing a program check; get a system dump. 20 = Attempting system recovery of a hardware error 40 = An error occurred during instruction processing 80 = An unrecoverable hardware error occurred
990606xx H/S	Unrecoverable machine check error and the supervisor did not log the occurrence in the error log. Subcode xx is as follows: 00 = False EMCIC error* 01 = Internal CPU error* 02 = COS error* 04 = M-BUS error* 05 = D-BUS error* 06 = MSP detected uncorrectable ECC error (main storage parity error)* 07 = MSP detected error (non-ECC)* 08 = I/O structure fault* 09 = Channel check* 0A = Machine check hardware mask (MC bit) set. Get a system dump if configured.

*Take a save state dump and contact your local Sperry representative.

Table D-1. HPR Stop Codes (Part 4 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
990606xx H/S (cont)	E0 = Early warning temperature fault. The software should put out a message rather than an HPR on this condition. E6 = Control storage write bus check during load control store (LCS) instruction E7 = Storage parity check Supv. Reg. 1 = Address of parity error Supv. Reg. 1 = X'FFFFFFFF' if no parity error was found on second search through main storage. E8 = Address check EC = Program check while supervisor was trying to process a program check. Get a system dump, if configured. EF = Processor stall timer. If this occurs on start I/O (SIO) instruction, software should recover (except on "minimum" supervisor).
99070007 H	Unrecoverable IOST error. Get a system dump. An IOST error bit is set at location 1B or this location is written into by software. When bits 0-2 = 000, a real IOST error (caused by a device/channel error or main storage error) is probable.
99070nnn H	A STATUS TABLE FULL condition is detected, the IOST control words are intact, and all interrupts are from the same device. nnn = the device address causing the interrupt stream. If this HPR persists, power the device off, if possible, and contact your local Sperry representative.
99078008 S	IOST control words (LOC 10-19) are corrupted. This is unrecoverable; obtain a system dump.
99080009	A job was moved in main storage at a time when it should not move. System pointers may be compromised. Take a system reset/restart dump and reinitialize.
9908xxyy S	Unrecoverable system error, where subcode xx is as follows: 04 = Diskette-related error while transient debug is set. Subcode yy meaning is as follows: 12 = Invalid PUB address or specified PUB is not a diskette. 14 = Diskette is not allocated to job or error is in diskette macro.

Table D-1. HPR Stop Codes (Part 5 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
9908xxyy 5 (cont)	05 = The linkages between the dynamic buffers have been destroyed. This HPR occurs only when the supervisor debug option was specified at IPL. Prob. Reg. 0 contains the address of either the bad buffer or the buffer pointing to the bad buffer. 06 = Unrecoverable logic error in dynamic buffer management

Table D-1. HPR Stop Codes (Part 6 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
9908xxyy S (cont)	07 = Last reply to system console message could not be processed due to system logic error. Normally, you should obtain a SYSDUMP at this halt. If you need to continue, however, press RUN or START, as appropriate, but note that the console message will remain outstanding. Retry will not correct problem, but rebuilding the console (REBUILD command) may correct it in some cases. 08 = Supervisor error, where subcode yy indicates the cause as follows: 00 = Software program exception. Indicates a system error in SOA, ICAM, or spooler, or in a transient if the transient debug bit is set. Number of extents per volume of spool file cannot exceed three. (SOA is supervisor overlay access.) Supv. Reg. 0 = Supervisor error code 01 = Program check in supervisor critical code other than PIOCS. On Release 4 and earlier, this case appears with xx=00. 02 = Transient scheduler has found SB$AVC does not correctly reflect the number of available transient areas. Press RUN to recover. 03 = Error during CALLSYM processing when called by a transient. This occurs only when the transient debug option is set. 04 = Invalid attempt to delink the last active TCB. This is a system logic error. 22 = Invalid transient ID requested in supervisor overlay area. Prob. Reg. 2 = Bad ID number If the transient debug option is set, subcode 22 also means a transient has done a TRLSE with one or more locks still set. 09 = Error in shared code when shared code debug bit is set. If you want the system to process this error normally, press RUN or START, as appropriate. 0A = Unrecoverable error in supervisor/ ICAM tasking interface.

Table D-1. HPR Stop Codes (Part 7 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
99090900 H	SYSRES I/O error. Recoverable by correcting the hardware problem on SYSRES and pressing RUN or START, as appropriate, to continue. If no hardware error is apparent, the problem may be that a requested supervisor overlay is either missing or destroyed on both YTRAN and YTRANA. Prob. Reg. 2 = Supervisor overlay area ID
990A0A00 S	Unrecoverable internal error in spool queue. Follow procedure under 99A1.
990A0B0C S	Unrecoverable internal error in spool queue. Warm start found a bad link in the spool FIFO queue after attempting recovery. Follow procedure under 99A1, but press RUN or START, as appropriate, to continue past HPR during another IPL.
990Cxx S	Transient management debugging halt Prob. Reg. 15 = Address of transient area in control. Subcode xx indicates the type of halt as follows: 0C = Halt because the transient just loaded corresponds to the transient specified on SE HA,TL console command. 0D = Halt because a call has just been made to the transient specified on SE HA,TC console command. This subcode can only occur when the supervisor debug option was specified at IPL. 0E = Halt because the transient specified on SE HA,TE console command has just exited, either by SOVLY/TOVLY or SRLSE/TRLSE. This subcode can occur only when the supervisor debug option was specified at IPL.
990D0D02	Unrecoverable error in memory map.
990E S/H	Error in breakpoint console log. Press RUN or START, as appropriate, to recover. However, the results of the breakpoint just done are unpredictable.

Table D-1. HPR Stop Codes (Part 8 of 21)

R Code (adecimal)	Meaning
	General Supervisor Routine (cont)
)0Fxxyy 'H	Unrecoverable system error detected by PIOCS. For Series 90: Prob. Reg. 0 contains a subcode as follows: 1 = Command control block not within main storage 2 = Supervisor overlay area command control block error 3 = Main storage map error - region size not module 256 4 = Main storage map error - invalid forward link 5 = Main storage map error - invalid reverse link 6 = Command control block resides within a free region 7 = Symbiont task control block error 8 = User task control block error 9 = User program has no I/O 10 = Command control block is below supervisor overlay area in main storage, but there is no spooling 11 = Invalid key in TCB 12 = Task has no I/O active If the PIOCS debug option is set, this stop code could also mean program check in PIOCS or command control block checksum error For System 80: Subcode xx indicates the type of halt as follows: 00 = Recoverable HPR occurring when PIOCS debug option (SE DE,IO) is set. You should obtain a SYSDUMP, but if you must continue, press START. Subcode yy meaning is as follows: 01 = Normal interrupt debug halt 02 = Error interrupt debug halt 03 = Attention interrupt debug halt 81 = Move I/O debug halt 9C = Start device debug halt 9D = Clear device debug halt

Table D-1. HPR Stop Codes (Part 9 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
990Fxxyy S/H (cont)	9E = Halt device debug halt 9F = Clear channel debug halt D3 = Channel logout (unrecoverable); attention interrupt has been receiv from a device that is not configured E0 = Enqueue I/O debug halt All other xx subcodes are unrecoverable. Take a sa state dump and contact your local Sperry representativ The cause of the HPR is determined by the followi yy subcodes: yy = 02 Error during interrupt handling. Subcode xx is a follows: 01 = Invalid I/O request block (IORB) 02 = I/O request block (IORB) not supplied 03 = I/O request block directive entry bit=1 04 = I/O request block condition code is 3 invalid device address 0C = Device state sequence code (DSSC) i 7C, which indidicates invalid devic status extension (DSX) 0D = Device state sequence code is 7D, whic indicates invalid device status extension 0E = Invalid device state sequence code 0F = Channel control check yy = 81 Error during move I/O. Subcode xx is as follows: 02 = Condition code is 2 or 3 03 = Condition code is 1 on PUT or invali device control block on GET yy = 8F Error during wait for I/O request block. Subcode xx is as follows: 01 = PIOCS logic error

Table D-1. HPR Stop Codes (Part 10 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
990Fxxyy S/H (cont)	yy = 9C Error during start DVC Subcode xx is as follows: 01 = Invalid condition code yy = 9D Error during clear DVC Subcode xx is as follows: 01 = Invalid condition code yy = 9E Error during halt DVC Subcode xx is as follows: 01 = Invalid condition code yy = D3 Hardware error - channel logout Subcode xx is the channel that produced the logout: 01 = DMA channel logout 02 = MLCM channel logout yy = D4 Error during LCHR to channel xx in logout recovery (model 8 only, xx = 0C or 0E). yy = D5 Error during RIO (reset I/O) to channel xx in logout recovery (model 8 only, xx = 0C or 0D). yy = E0 Error during enqueue I/O Subcode xx is as follows: 01 = Invalid condition code
99100xxx S	Error during job control table initialization, where xxx is an error code identified in Appendix A. This error should occur only during supervisor initialization; it is unrecoverable. The system must be reloaded using IPL.

Table D-1. HPR Stop Codes (Part 11 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
9911xx00 S	The field in the system information block (SIB) that holds the count of the available transient areas has been changed by software that shouldn't have changed it. Take a system dump at this point. (If this HPR occurs at a critical time, pressing the RUN or START key, as appropriate, will restore the correct value and allow the system to continue. This, however, is not recommended.) The xx subcode indicates the component that recognized the problem: 01 = transient scheduler 02 = transient release 03 = transient loader 04 = symbiont initialization 05 = cancel 06 = detach 07 = end-of-job
9912xx S	Monitor halt Subcode xx indicates the type of halt: 00 = Mini monitor halt. Indicates a "hit" on the condition being tested for by the MM symbiont. 01 = Monitor interrupt handler M0 got an unexpected critical code monitor interrupt.
9913xxyy S	Supervisor debug option halt. This occurs only when the supervisor debug option was set at IPL time. Except for 991301 (at IPL), you should generally obtain a SYSDUMP then these HPRs occur. If you must continue, press RUN or START, as appropriate. 01 = End of IPL and start of supervisor initialization. This halt is normal when the supervisor debug option is set at IPL. 02 = The byte specified by SE HA,PM console command has been altered since last checked. This is the pseudo monitor. 03 = The first 12 bytes of low-order storage have been illegally altered. Although you may be able to continue, this HPR indicates a serious supervisor problem and you should obtain a SYSDUMP immediately. Storage restored to correct values immediately before HPR occurs.

Table D-1. HPR Stop Codes (Part 12 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
9913xxyy S (cont)	04 = The byte specified by SE HA,RM console command has been altered by the last instruction monitored. Location X'80' in main storage contains the PSW at the time of the alteration. This is the resident monitor. 05 = The switcher idle loop has found a free region which contains data other than binary zeros. Supervisor register 4 contains the address of the region. 06 = Invalid backing of PSW 07 = Error detected in storage map linkage. Unrecoverable error, take SYSDUMP at this point. 08 = Error in SETSVC mechanism (system error) 09 = FREEBUF error. Supervisor register 9 contains the buffer address if the error code in register 0 is X'623'. 0A = One or more dynamic buffer pool linkages have been destroyed. This check is made by SRETURN processing when the shared code debug option (SE DE,SO) has been set. Supervisor register 7 contains the address of the bad buffer. 0B = Invalid FREEBUF. The caller does not have the right to free this buffer. 0C = Program check in supervisor critical code. All registers intact except supervisor register 3. 0D = The X'DE' pattern in the end of a buffer has been destroyed. This check is made only when the dynamic buffer debug option has been set. 0E = Debug stop in menu processor. This is activated by the SE DE,MENU command. 0F = The SOA TCB is ready to given control, but the switcher decided to give control to another task. 10 = The switcher attempted to give control to a task which has outstanding wait bits. 11 = The DEDE pattern has been destroyed in the buffer currently being freed. The DBCB address is in register 3. 19 = LISTDEL processing (subfunction of dynamic shared code) was passed a bad address to return as a sub-buffer.
9914 H/S	Bad block in spooler. This is an unrecoverable error. Follow the procedure under 99A1.

Table D-1. HPR Stop Codes (Part 13 of 21)

HPR Code (hexadecimal)	Meaning
	General Supervisor Routine (cont)
991500xx H/S	Loader debug option halt, where xx is the subcode specifying in which loader error occurred (52-5F). When the loader debug option is set, the halt occurs when the loader detects any error other than no-find (51). Press RUN or START, as appropriate, to continue normal processing of the error.
991600xx H/S	Unrecoverable machine check error and the supervisor was able to successfully log the occurrence in the error log. Subcode xx is the hardware error code as described in 990606xx.
99170017 S	An error log record is about to be lost. This HPR occurs only when the SET DE,ELOG command has been issued. Press RUN or START, as appropriate, to continue.
99180xxx S	Error in supervisor overlay area, where subcode xxx refers to a standard error code in Appendix A. Normally you should obtain a SYSDUMP at this halt. If you need to continue, however, press RUN or START, as appropriate, but note that some recent system function (e.g., console command) may be unprocessed or not completely processed.
9919xx S	Error detected in the system lock tables during a set user, set lock, clear user, or clear lock function. Normally, you should obtain a SYSDUMP at this halt. If you must continue, press RUN or START, as appropriate, but note that some jobs may be deadlocked due to this problem. Subcode xx indicates the type of HPR as follows: 01 = An invalid alternate TCB was specified in R1. 02 = The count of users in the lock table for a particular lock is incorrect compared to the actual number of users. 03 = A clear user function was issued on behalf of a TCB that previously issued a set lock.
991B S	Interactive services debugging halt. This HPR occurs only when the debugging console command SE IS,DE has been previously keyed in.

Table D-1. HPR Stop Codes (Part 14 of 21)

HPR Code (hexadecimal)	Meaning
	Data Management
991C S	Error code debug halt. Indicates that the error whose code was specified by the SE HAMSPE console command has just occurred. Press RUN or START, as appropriate, to continue normal error processing.
991Dxx S	Shared code debug halt. Occurs only when the supervisor debug option is specified at IPL and a SE HA command has been entered. Subcode xx is as follows: 01 = Shared code module specified on set halt, SCALL console command is about to be entered (result of SCALL macroinstruction). Problem register 15 = entry point. 02 = Shared code module specified on set halt, SRETURN console command (SE HA,SR) has just exited (SRETURN macro). 03 = Shared code module specified on SE HA,SE console command has just exited with error (SRETURN ERR macro). If no module name was specified when the command was entered, this HPR occurs when any shared code module exits with error. Press RUN or START, as appropriate, to continue.
991Exx S	Program exception has just occurred. This HPR only occurs when the SE HA,PX or SE HA,PS console command has been previously issued. All problem and supervisor registers are still intact. Location X'40' in main storage contains the PSW at the time of the program exception. If you want to continue, press RUN or START, as appropriate. Subcode xx is as follows: 01 = Program exception trapped by SE HA,PX. 02 = Program exception trapped by SE HA,PS.
	Patch (SU$PAT) Routine*
9920 H	Invalid machine check
9921 H	Invalid program check
9922 H	Invalid SVC interrupt

*SYSDUMPs cannot be obtained following these halts.

Table D-1. HPR Stop Codes (Part 15 of 21)

HPR Code (hexadecimal)	Meaning
	Patch (SU$PAT) Routine*
9923 H	Invalid timer interrupt
9924 H	Invalid monitor interrupt
9925 S	Missing YTRAN format 1 label
9926 S	Missing YLOD format 1 label
9927 S	No find on directory search. Type 2 card does not match.
9928 H	Unrecoverable disk error
9929 S	Invalid format 4. Blocks per track equals zero.
992A S	No find on directory search
992F00xx S	Transient was not found, where subcode xx is as follows: C1 = Card reader error C2 = Printer error C3 = IDA error C4 = Selector error
	Initial Program Load (IPL) Routine*
9931 H	Unexpected machine check
9932 H	Unexpected SVC check
9933 H	Unexpected timer interrupt
9934 H	Unexpected monitor interrupt
9935 S	IPL from nondisk channel
9937 H	Unrecoverable disk error
9938 H	Unrecoverable console error

*SYSDUMPs cannot be obtained following these halts.

Table D-1. HPR Stop Codes (Part 16 of 21)

HPR Code (hexadecimal)	Meaning
	Initial Program Load (IPL) ROUTINE * (cont)
9939 H	Invalid console interrupt (Series 90 only)
993A S	Embedded blank in requested supervisor (Series 90 only)
993B S	Invalid format 4 label (Series 90 only)
993C S	DL$BK4 blocks per track equals zero (Series 90 only)
993D S	Missing YTRAN format 1 label (Series 90 only)
993E S	Missing YLOD format 1 label (Series 90 only)
993F S	No find on directory search (Series 90 only). If supervisor name was keyed in, check for proper keyin.
9940 S	Library block count error (Series 90 only)
9941 S	Format 1 tracks per cylinder equals zero (Series 90 only)
9942 S	Incorrect COS hash total (Series 90 only)
9943 S	Device specified during IPL has no matching PUB in supervisor (Series 90 only)
	Stand-Alone Copy Routine*
99505000 H	Unrecoverable console error
99515100 H	Console power off. To recover, power up console and press RUN or START, as appropriate.
9955 H	The stand-alone prep terminated in an error. A message describing the error appears on the console.
9956 H	The stand-alone restore terminated in an error. A message describing the error appears on the console.
995C5Cxx H	Machine check during stand-alone copy. Subcode xx is the hardware error code as described under 9906.
995D5Dxx H	Program check during stand-alone copy. Subcode xx is the hardware error code as described in Appendix A.
995E5E00 H	Supervisor SVC check during stand-alone copy
995F5F00 H	Timer interrupt during stand-alone copy. Copy program has lost an I/O interrupt. Press RUN or START, as appropriate, to reset timer value and reissue I/O order that failed.

*SYSDUMPs cannot be obtained following these halts.

Table D-1. HPR Stop Codes (Part 17 of 21)

HPR Code (hexadecimal)	Meaning
	Miscellaneous
9960 H	A disk I/O error occurred during the restart process. The I/O may be retried by initiating a function START.
9961 S	The YDUMP file is too small. Increase the YDUMP file size by performing the following procedure: 1. Reboot the system from another volume. 2. Scratch the YDUMP file on the old SYSRES volume. 3. Reallocate the YDUMP on the same volume as a 1-cylinder MIRAM file. 4. Reboot the system from the old SYSRES volume; the system will automatically increase the YDUMP allocation to the extent needed to hold a system dump.
9977 S	Test driver (TD) halt. Indicates a buffer could not be allocated in SVC intercept routine. Take a SYSDUMP and obtain a console listing.
997C S	Symbiont debugging HPR. This HPR occurs when the symbiont (or symbiont phase) specified by the SE HA,SY console command has just been loaded. To continue, press RUN or START, as appropriate.
9988xxyy S	This is a test driver (TD) halt that immediately follows fatal TD error messages (TD00-TD16). To continue in spite of the error, press RUN or START, as appropriate. To continue without TD, press RUN or START, as appropriate, and then issue the console command: CANCEL TD,S,N. If no TD error message preceded the halt, a console error prevented a fatal TD error message from appearing. Press RUN or START, as appropriate, to continue. If halt reoccurs (with no TD error message), take a SYSDUMP.
9993 S	Unrecoverable system error caused by some system module branching to absolute location 0 on System 80. Take a SYSDUMP. The error occurred in either the last active task or during processing of the most recent interrupt.
9999 S	Core write complete for SYSDUMP. If a SYSDUMP was not recently attempted (by pressing system RESET/RUN on Series 90 or FUNCTION/RESTART on System 80), this HPR indicates that some system module branched to absolute location 0, thereby forcing a SYSDUMP. Following this HPR, you should reboot the system and run SYSDUMP or SYSDUMPO.

Table D-1. HPR Stop Codes (Part 18 of 21)

HPR Code (hexadecimal)	Meaning
	Miscellaneous (cont)
999C H	Program check while writing main storage to the YDMP file. Record contents of all registers and the program check program status word (PSW), then press RUN or START as appropriate. If this fails, the information you recorded may be useful to Sperry personnel.
999F S	Are you sure you want this panel dump? This HPR occurs when a SYSDUMP is attempted (by pressing system RESET/RUN on Series 90 or FUNCTION/RESTART on System 80) and the SYSDUMP file contains a dump of a recent system error that has not yet been printed by the job SYSDUMPO. Normally you should IPL again at this point and run SYSDUMPO. But if you want a dump at this point rather than at the earlier system error, press RUN or START, as appropriate, and wait for the HPR 9999 (Series 90) or the automatic re-IPL (System 80).
99ABF1F6 S/H	Workstation management does not have enough memory for the dynamic buffers.
	Spooling Routine
99A10A01 S	Unrecoverable error in SPCSQ when attempting to close a spool file being created. Proceed as follows: 1. Press system RESET/RUN (Series 90) or FUNCTION/RESTART (System 80) to write SYSDUMP to disk. Wait for HPR 9999. 2. Reload the same supervisor by using IPL. Specify D, rather than N, A, C, L, or H, for the spool recovery option. Specify the same spool volumes that were used before. 3. When the listing on the printer of the spool directories is completed, the following message is displayed. SPL DEBUG: ENTER SPL DEBUG CMD? 4. Reply with a HALT, which results in the following message. ENTER SPOOL FILES RECOVERY OPTION (A,C,L,H,N) 5. Reply A, C, L, H, or N as you would normally do at IPL time. 6. When the system is ready, run SYSDUMP or SYSDUMPO to print the dump obtained in step 1.
99A20A02 S	Unrecoverable system error in SPFND while attempting to examine the spool queue prior to processing a spool file. Follow the procedure under 99A1.

Table D-1. HPR Stop Codes (Part 19 of 21)

HPR Code (hexadecimal)	Meaning
	Spooling Routine (cont)
99A30A03 S	Unrecoverable system error SPCLS while attempting to close a spool file being deleted. Follow the procedure under 99A1.
99A40Axx S/H	Unrecoverable spooling error. Subcode xx is: 04 = Unrecoverable I/O error in SPCSQ occurred while accessing the spool file (SYSPOOL). All previous spool files that have been created but not printed are lost. To continue, press RUN or START, as appropriate, on the maintenance panel. Otherwise, follow the procedure under 99A1. 05 = Spool close and queue (TV$SPCSQ) has invalid spool control table in job region. Unrecoverable - take a SYSDUMP. 06 = Invalid file spool control table in SPCLS (FABID at location 99 not an AB). To continue, press RUN or RESTART. 07 = PUB link error in SPCLS probably due to abnormally terminated run processor. To continue, press RUN or RESTART to clear the bad pointer.
99A40B05 S	Error in SPCSQ because file was closed but not created. To continue, press RUN or RESTART.
99A40C05 S	Error in SPCSQ because file spool control table was closed with the delete bit on. To continue, press RUN or RESTART.
99A4A5A6 S/H	Spool control table received as input parameter is invalid. Check the spool controlling address in the calling program.
99A50A05 H	Unrecoverable disk I/O error while closing the spool file.
99A60Axx S	Unrecoverable spooling error. Subcode xx is: 06 = Error in SPCL1 when attempting to close a spool file being deleted. To continue, press RUN or RESTART.

Table D-1. HPR Stop Codes (Part 20 of 21)

HPR Code (hexadecimal)	Meaning
	Spooling Routine (cont)
99A60Axx S (cont)	61 = Spool data track to be assigned during warm start is beyond the end of the spool file. Proceed as follows: 1. Press SYSTEM RESET/RUN (Series 90) or FUNCTION/ RESTART (System 80) to write SYSDUMP to disk. Wait for HPR 9999 or automatic re-IPL. 2. Repeat IPL. When HPRs occur again after warm start, press RUN or START, as appropriate, to complete recovery with errors. 3. Purge spool file by printing or deleting all files before running jobs. Run DUMPLOG if logs are being retained. Ignore (reply I) input errors and press RUN or START, as appropriate, to continue past any HPR 99A60A06 during this time. 4. IPL again (cold start) and run SYSDUMPO to print the dump obtained in step 1. 62 = Spool data track to be assigned by warm start recovery is already assigned. Follow procedure for subcode 61.
99A6A6A7 S	Unrecoverable spooling error. Warm start encountered bad link in spool data track header. Follow procedure under 99A60A61.
99A70A07 S	Too many extents in the spool file (SYSPOOL). Press RUN or START, as appropriate, to continue past the HPR and complete the IPL. Reallocate space on the spool volumes so that no more than five extents are used on any volume.
	Communications
99B00000 H	Unrecoverable system error. An ICAM channel logout interrupt has occurred. Take a SYSDUMP.
99B10000 H/S	Unrecoverable system error. An ICAM pool threshold interrupt has occurred. Take a SYSDUMP.
99C0C0xx S	ICAM abort error. Take a SYSDUMP.
99CA0CAC	Applies to Model 8 only. Unrecoverable internal error in search/read disk cache processing. Get a panel dump.

Table D-1. HPR Stop Codes (Part 21 of 21)

HPR Code (hexadecimal)	Meaning
Library Utilities	
99D9E3E2 S	An error has been detected by library utilities. This HPR occurs only when the SET DE,LU command is issued. It is recoverable. To continue normal error processing, press RUN.

Appendix E. Data Management Error Message Subcodes

Associated Data Management Error Message	Message Type Subcode	Explanation
DM01	01	Attempted to open a file using a DTF which is already in use (basic data management only).
	02	Attempted to open a file using an LFD name which is already in use.
	03	FCB read error; device not available
DM03	01	Missing LBL statement
	02	FCB read error, no find Check to be sure that the LFD name of your file in your job control stream matches the file name in your FCB (usually derived from the logical file name in your program).
	03	FCB write error; no find
	04	Invalid device type or USE id
	05	Intended access is not consistent with permitted access. The permitted access is determined from password specifications. For example: 1. neither reads nor writes are permitted; 2. reads are not permitted against an input file; 3. writes are not permitted against an output file.
	06	Invalid FCB address
	Other	Subcodes reflect system error codes. Refer to Appendix A for the system error codes.

Associated Data Management Error Message	Message Type Subcode	Explanation
DM0A	20	Main storage requested by dynamic buffer management not available
	21	Invalid buffer size specified on dynamic buffer management acquisition request (0 or greater than main storage)
	22	Invalid job number specified on dynamic buffer management acquisition request
	23	The specified buffer address on a dynamic buffer management release request does not correspond to any allocated buffer.
	24	Dynamic buffer management acquisition or release request rejected because the dynamic buffer pool linkages have been destroyed
DM0B	01	Invalid DMDSP macro specification
DM14	01	Function issued is not defined for IOCS processor used
	02	Illegal function issued for IORG processing
	03	Index functions prohibited
	04	Random function or keyed input function issued with double buffering
	05	Update or delete with no previous input for modification. The record previously read was deleted by another user before this attempt to update or delete (can occur under ACCESS=UCP only).
	06	Delete or keyed random output issued with no RCB
	07	Erase-part issued to a file containing indexed records
	08	Overwrite of a valid record attempted
	09	Specified key of reference or partial key length greater than maximum or less than 1
	10	Unkeyed add prohibited
	11	Illegal function issued to a file for which VMNT=ONE is specified
	12	Consolidated data management macro issued to a nonconsolidated data management file
	13	DMAPY/DMQRY END without prior DMAPY/DMQRY REPEAT

Associated Data Management Error Message	Message Type Subcode	Explanation
DM14 (cont)	14	Third parameter/parameter value invalid on macro
	15	Attempt to update a record that is no longer locked to the job or was read with no intent to modify
	16	Index-only output prohibited
	17	Keyed output prohibited
	18	LBRET1/LBRET2 incorrectly specified
	19	WRITE/READ,KEY issued to a file with no keyed data
	20	WRITE,KEY issued with no previous READ,KEY
	21	WRITE,AFTER/RZERO/EOF issued with AFTER=NO specified
	22	PUT issued for input file, or update PUT not preceded by a GET
	23	GET issued to output file
	24	SEEKADR not specified for relative processing
	25	TRUNC issued to an input file not in extend mode
	26	RELSE issued to output file
	27	WAITF not issued when required
	28	DMOUT issued to a deleted sector
	29	DMOUT issued on connect
	30	WRITE function issued against a read-only file
	31	ESETL or ENDFL not issued before close of ISAM file
	32	Input, output, or forced end of volume function issued after end-of-file reported
	33	REWIND=NORWD specified, but a rewind was already issued immediately before close
	34	Illegal function for data set label diskette spool file. An input function was issued to an output file, an output function was issued to an input file, or a function other than an input or output was issued.

Associated Data Management Error Message	Message Type Subcode	Explanation
DM15	01	The structure presented is not a valid control structure (DTF or CDIB). The job will be cancelled with a 315 error code.
	02	Invalid DTF type code
	03	Invalid DTF partition control appendage (PCA)
	04	Invalid DTF PCA address
	05	Checksum error detected while validating structure
	06	File type code in DTF does not match type code in IOCS processor
	07	Invalid use of track allocation
	08	RIB macro specified without associated CDIB macro
	09	DTF macro associated with RIB macro
	10	Invalid RIB address
	11	FCB in core not in user's region
	12	R1 not pointing to a CDIB macro. Symbolic address not CDIB
	13	Invalid file name
	14	A basic data management control structure (DTF) was used in the consolidated data management environment, or a consolidated data management control structure (CDIB) was used in the DTF-only environment.
	15	Opening a list of files using CDIB structure is not permitted
	16	Compromised KSP table
DM16	01	Program indicates more partitions than actually exist for file.
	02	Invalid DTF address in PCA
	03	Missing extent table entry for PCA
	04	A TCA/DCA has not been specified for a nondisk SAT file
	05	A TCA cannot be used for a disk file
DM17	01	Data buffer size equals zero or is less than minimum required
	02	Sector size is other than 256 for sector type device
	03	Specified sector size does not match size used to create file

Associated Data Management Error Message	Message Type Subcode	Explanation
DM17 (cont)	04	Index buffer size is less than 256
	05	Specified index buffer size does not match size used to create file
	06	Specified block size does not match size used to create file
	07	Specified block and record sizes cause block to contain more than 255 records
	08	Specified sector/block size equals zero or is greater than track capacity
	09	Specified block size is greater than maximum
	10	Buffer size does not satisfy sector count
	11	Specified sector size is less than 256
	12	The block/record size in the block/record descriptor word of an ASCII block/record is not a valid decimal number
	13	A block was retrieved which is not a multiple of record size (fixed record format), or which contains only part of a record (variable record format)
DM21	01	No device is assigned. This occurs when you use the HOST parameter of the DVC job control statement if one of these conditions exists: 1. The remote host-id is the system on which the job is run instead of a remote host. 2. The program is using basic data management (DTF interface).
	02	The same device is assigned more than once for a multidevice file.
	03	Number of volumes does not equal number of PUBSs for all volumes mounted on the file.
	05	ASCII specified and a 7-track tape drive is being used.
	06	Program is attempting to access a workstation-id that exceeds the maximum number to be connected.
	07	Program is attempting to access a workstation that is in the process of being disconnected from the file, or has not yet been connected.
	08	Attempted remote access to a file type other than a disk

Associated Data Management Error Message	Message Type Subcode	Explanation
	09	Invalid device assignment for card (reader or punch) or printer file
	10	DTF type and device type are incompatible (BDM only).
DM27	01	DTF/CDIB file name mismatch
	02	LFD mismatch
	03	FCB read error, hardware
	04	DD read error, hardware
DM54	01	FSN=VCHECK specified, but the file is not being processed starting with volume 1
	05	Number of volumes specified is not equal to number of volumes specified at file creation, for all volumes mounted file
	06	Combined file processing is not supported with diskette spooling
	07	Extend cannot be specified with diskette spooling
DM61	01	Single mount specification does not match specification used to create file
	02	Record format specification does not match specification used to create file
	03	Index area and I/O area 1, or I/O area 1 and I/O area 2 are not contiguous
	04	Index operations intended, but not index buffer or key argument specification Seek address not specified Key argument not specified Index buffer not specified
	05	Key location does not match specification used to create file Key location value less than 4 with variable file Key specifications not zero after last valid key entry Key flag values do not match between format 2 label and DTF Key size does not equal original key size used to create file
	06	Nonindexed output intended to an indexed file Indexed access intended to a nonindexed file

Associated Data Management Error Message	Message Type Subcode	Explanation
DM61 (cont)	07	No work area or I/O register specification I/O register specified incorrectly I/O register specified for indexed output Work area and I/O register specified together RCSZ=(r), r not 2-12 Same register specified for both RCSZ and IORG
	08	Double buffering with update or random mode Double buffering with input and add Double buffering with indexed input
	09	Variable-build register specified incorrectly
	10	Forward direction not specified with output file
	11	STD labels not specified with ASCII file When specifying ASCII, BLKSIZE greater than 9999
	12	BKNO=YES not specified with block numbered tape
	13	The reader does not have 96 column read feature
	14	Block size and overflow percentage too large for disk with low number of tracks/cylinders (8415)
	15	Format other than fixed unblocked or variable unblocked
	16	I/O area 2 not specified with combined file Extend not allowed with combined file Multisector I/O invalid with combined file
	17	Block size or record size equals zero
	18	Address in DTF or RIB not within bounds of user program or the dynamic buffers assigned to user job
	19	Access method not compatible with file type. For example, a program using IRAM attempts to open a MIRAM file with MIRAM characteristics.
	20	User-specified address seek is not word-aligned or I/O area is not half-word aligned.

Associated Data Management Error Message	Message Type Subcode	Explanation
DM61 (cont)	21	With 7-track and convert on, block size or record size not multiple of 3
	22	Error during recovery of IRAM/MIRAM file
	23	Invalid specification in // DD job control statement
	24	I/O area 1 address not specified
	25	Translation specified but no I/O table provided
	26	Incompatible screen mode specifications for workstation
	27	IORG cannot be specified unless buffers are provided
	28	Workstation device type features for screen size not specified
	29	Record size is greater than physical screen size
	30	Start line for logical screen exceeds end line
	31	End line for logical screen exceeds the screen length
	33	Blocking and OREC=NP or blocking and WAIT=NO are incompatible parameter combinations
	34	I/O area specification exceeds the size limitation of the job region
	35	SPACELN specified as greater than 9
	36	IORG must be specified if IOOPT=NO is specified
	37	I/O areas cannot be used alternately if blocking is specified
	38	Buffer allocated in program is not half-word aligned
	39	Blocking specified with IORG specified or IOOPT=NO
	40	Index-only output capability specified for IRAM file
	41	VMNT=ONE must be specified for single-drive processing of a multivolume file
	42	RCB=NO must be specified
	43	RCSZ=(R) may not be specified unless RCFM=UNDEF

Associated Data Management Error Message	Message Type Subcode	Explanation
DM61 (cont)	44	Attempted to access a library file without using the library user interface
	45	Variable workarea processing specified incorrectly
	46	AFTER=YES and lacing are incompatible
	69	Diskette was removed from drive after job initialization and before program opens file. The diskette that was eventually mounted (upon data management request) was a format label diskette and data management was expecting a data set label diskette. Correct diskette should be mounted prior to job execution.
DM66	01	The file cannot be accessed or further access to the file is not recommended. A data management process that modifies the file structure was interrupted before it was completed by an input/output error or an external event such as operator cancellation or system crash. This message also appears if an input/output error occurred when attempting to write or retrieve recovery information for an IRAM or MIRAM file that was created by the file recovery facility (// DD RECV=YES was included in the file creation program job control stream).
	02	A previous abnormal termination condition resulted in the file being inaccessible
DM67	01	ENDLN specification for workstation is less than or equal to STRTLN specification
	02	ENDLN specification for workstation is greater than the physical screen size
	03	SKAD specification not full-word aligned
	04	STRTLN specification is greater than or equal to the last line of the workstation screen
	05	STRTLN specification is greater than or equal to ENDLN specification

Associated Data Management Error Message	Message Type Subcode	Explanation
DM67 (cont)	06	SPACELINES specification is greater than the allowable maximum
	07	INDA and IOA1 not contiguous
	08	IOA1 and IOA2 not contiguous
	09	Attempted to change IOA1, INDA, or BFSZ with AUTOIO=NO
	10	RIBSCAN encountered function code other than APPLY or QUERY
	11	Specified address not within job region or job's dynamic buffers
	12	Specified buffer size is less than minimum required
	13	Attempted to change AUTOIO specification from NO to YES, but buffers contained data which had not been written to the file
	14	Attempted to restore a sequential position without having saved one (no KSP table)
	15	Attempted to restore a sequential position with an invalid identifier (The id is zero or corresponds to an empty table entry.)
	16	Attempted to save a sequential position when there is no keyed sequential position (Either keyed operations are prohibited or the sequential position is undefined.) The keyed sequential position becomes undefined after a no-find error (DM31) on a random input (without hold) or a select function.
	17	Attempted to save a sequential position when the KSP table is full and cannot be extended
	18	Attempted to use FCT with AUTOIO=YES
	19	Attempted to change a buffer address to an illegal address (i.e. zero)

Associated Data Management Error Message	Message Type Subcode	Explanation
DM68	01	Single-mount (VMNT=ONE) processing is prohibited with an access specification that describes the file as sharable
	02	Job is attempting to share a file and the volume configuration defined in job control is inconsistent with that of the job already using the file
DM8C	01	Record attribute and record size that was specified when the file was created caused the logical sector size to equal zero
	02	Record size specified as zero when file was created
	03	Invalid sector, offset, or record size specified when file was created
	04	DSL record length does not match specified record size
DM8D	01	Specified record attribute and record size caused the logical sector size to equal zero
	02	Invalid record attribute
	03	Record format does not match
	04	Record length does not match
DM8F	01	Spooled file RCSZ greater than 128
	02	Spooled file contains variable records
	03	Spooled file RECATR param not equal to unblocked unspanned
DM99	01	A file trails the file being extended; the file is within a multifile set
	02	Tape does not contain a HDR2 label
	03	Tape does not contain an EOF1/EOV1 label
	04	Extend not allowed if unlabeled or nonstandard labeled file

Appendix F. IMS Transaction Termination Messages

F.1. SINGLE-THREAD IMS

When a transaction is abnormally terminated by single-thread IMS, a 3-line error message including the reason for termination is returned to the source terminal and the system console in the following format:

```
TRANSACTION CANCELED, TERM ID:id TRANS ID:id
TRANSCODE:code ACTION:name PROGRAM:name
error-description
```

The error descriptions that appear on the third line of the transaction termination message, the cause of the error, and corrective action, where applicable, are listed in this appendix.

ACTION PROGRAM REQUESTED ABNORMAL TERMINATION
Action requested abnormal termination by specifying A or S as the termination indicator.

AS01 ACTIVATION RECORD EXCEEDS AVAILABLE SPACE
Sufficient main storage was not available to schedule an action.

Decrease the size of the activation record for the action or allocate more main storage to the IMS job.

AS02 USER ACTION PROGRAM LOAD ERROR
An error occurred when IMS attempted to load a nonresident action program.

Make certain load module for action program is in the load library and that correct program name is specified in the configuration.

DLD01 DOWN LINE LOAD ERROR
Error occurred while reading a block of code from the load module.

Determine type of error from status code of PIB. Correct action program.

DRM01 SUBFILE NOT IN DATA DEFINITION
Data definition record specified in PIB (or in password record) does not contain subfile specified in PIB (or in password record).

DRM02 REQUIRED FILE FOR DEFINED FILE NOT IN FILE INDEX
A file name specified in an FD entry in data division of data definition was not specified in FILE section of configuration.

Either the required file must be added to the configuration, or the file name in the data definition must be changed to match one of the configured files.

DRM03 REQUIRED FILE FOR DEFINED FILE INDEPENDENTLY ASSIGNED
File named in FD entry in data definition is also used as a file name in the ACTION section of configuration.

Remove filename from the ACTION section in the configuration, or change action program to make all accesses to this file directly.

DRM04 DATA DEFINITION RECORD NOT FOUND
The data definition record named in the PIB is missing from the NAMEREC file or was specified incorrectly.

Either the data definition processor must be run to put the required data definition record into the NAMEREC file, or one of the following must be corrected: DDN in the password definition, DDRECORD in the configuration, DATA-DEF-REC-NAME in the PIB.

DRM05 INVALID FILE TYPE
File described in FD entry of data definition does not have required file TYPE: ISAM, DAMR, or IRAM

Correct the data definition.

DRM06 FORMAT OF FILE IS INCORRECT
Variable record format was specified in configurator FILE section for a DAM file used in data definition; must be fixed format.

One of the following: Correct RECFORM parameter in configurator FILE section; reformat file and reconfigure; or delete file from data definition.

DRM09 DATA DEFINITION RECORD LENGTH ERROR
Length of record in data division of data definition is greater than length of record specified at configuration. Possible cause is omission of the USAGE IS COMPUTATIONAL clause.

Correct record size in configurator FILE section, or correct data definition.

DRM10 UPDATE FUNCTIONS CANNOT BE LOADED
IMS could not load module ZU#UCODE from load library.

Check and rerun link phase of configurator to create a viable copy of ZU#UCODE in the load library.

DRM11 SEQUENTIAL PROCESSING FUNCTIONS CANNOT BE LOADED
IMS could not load module ZU#LCODE from load library.

Check and rerun link phase of configuration to create a viable copy of ZU#LCODE in the load library.

DRM13 SEQUENTIAL FILE REQUIRED
Source of primary part of defined record must be ISAM or indexed IRAM file.

Correct data definition.

DRM15 INVALID FORMAT FOR RELATIVE FILES
Incorrect DAM file format for IMS.

DRM16 IDENTIFIER POSITION DOES NOT MATCH KEY POSITION
Identifier in a defined record does not correspond to an ISAM, IRAM, or MIRAM file key. Possible cause is omission of the PARENT statement.

Correct data definition.

ED01 NO RECORD FOUND
Edit table was not found in the file for this action.

Check to see if the edit table name exists in the NAMEREC file. If not, rerun the edit table utility and reenter transaction.

ED03 INVALID REQUEST
An invalid request was made to data management by IMS.

Check that your current configuration is correct. If correct, take a sysdump and contact your Sperry representative.

ED04 I/O ERROR
An I/O error was encountered in reading the edit record.

Try to execute the transaction again. If the I/O error occurs repeatedly, rerun the edit table utility and reenter the transaction.

ED05 KEY WORD IS INVALID
A keyword was entered that does not match the edit table keywords.

Check the keywords entered online against the keywords that were specified to the edit table utility. If there is a difference, correct and reenter the transaction. If there is no difference contact your Sperry representative.

ED06 NUMERIC FIELD INVALID
A nonnumeric entry was made for a field defined as numeric.

A field defined in your edit table as numeric was entered online as nonnumeric. For example, the letter O may have been entered for the number 0.

ED07 FIELD TOO LARGE
The length of a field entered at the terminal exceeds the length specified by the LEN parameter of the edit table utility.

Correct data and reenter transaction.

ED09 FIELD IS MISSING
A field specified in the edit table as mandatory is missing from the input message.

All fields that have MAN=Y specified in the edit table must be entered for this transaction.

ED10 KEYWORD IS BELOW THE MINIMUM VALUE
A value entered at the terminal is lower than the minimum allowed in the edit table.

Correct the data and reenter. If minimum value should be changed, rerun edit table utility, specifying new minimum value.

ED11 KEYWORD IS ABOVE THE MAXIMUM VALUE
A value entered at the terminal is higher than the maximum allowed in the edit table.

Correct data and reenter, or rerun specifying new maximum value.

ED12 EQUAL SIGN IS MISSING
Keyword entered at terminal is not followed by an equal sign.

Correct data and reenter transaction.

ED13 ALPHA FIELD INVALID
A nonalphabetic character was entered in a field defined as alphabetic-only.

Correct the data and reenter. If alphanumeric data is required for this field, the edit table utility must be rerun.

F00 FILE ERROR
An I/O error occurred on a user file.

Check error code contained in the DTF to determine type of error and resolution for problem.

F01 FILE ERROR ON CONTINUITY DATA FILE
An error occurred in the write or read of a continuity data area on the AUDCONF file.

Check error code contained in the DTF to determine type of error and resolution for problem.

I01 INCORRECT NUMBER OF PARAMETERS IN IMS REQUEST FUNC.
The number of parameters contained in a request list is inconsistent with the function requested.

Correct action program and reexecute.

I02 FUNCTION CODE IS OUT OF LEGAL RANGE
Control was improperly passed from an action program to IMS, or the IMS link module (ZF#LINK) may have been modified.

Check function code for valid range. If incorrect, submit SUR with appropriate documentation.

I03 INCORRECT PARAMETER VALUE
The parameter list address passed to IMS on a request is 0, an address contained in the parameter list is 0, or actual value of a parameter is incorrect.

Make sure register 1 points to a valid parameter list and that the values contained within the parameter list are valid.

I05 FILE IS NOT DEFINED
File name specified in a request to IMS was not defined at IMS configuration time.

Check the spelling of the file name in the parameter list, and check whether the file has been specified in the IMS configuration.

I06 FILE IS NOT OPEN
File has been closed because of an error or by the ZZCLS master terminal command.

If file was closed by the ZZCLS command, it can be reopened by the command ZZOPN.

I07 FUNCTION IS INVALID FOR THIS TYPE OF FILE
Action program has requested a function not allowed for type of file.

Correct action program and reexecute.

I09 PUT OR DELETE FUNCTION NOT PRECEDED BY GETUP FUNCTION
The function sequence for an update operation is not valid.

Correct action program and rerun.

I10 FUNCTION INCONSISTENT WITH FILE TYPE
The requested function is not consistent with the DTF parameters in the FILE section of IMS configuration.

Correct action program or DTF parameters in configurator FILE section.

I11 FILE NOT ASSIGNED TO THIS ACTION
A logical or defined file in a request to IMS was not allocated to the action at configuration.

Check configuration to see if file name is spelled correctly and that file is assigned to the action.

I12 REQUESTED OPTION NOT INCLUDED IN CONFIGURATION
Request made by action program requires a module that was not configured.

Modify action program or reconfigure, specifying option needed by action program.

I13 VARIABLE RECORD OR FILE SPACE EXCEEDED
An attempt was made to add a record to the file, but the record length is too long (for variable length records) or the file space is exhausted.

Check record length used for variable length records. If file space was exceeded, the file should be reloaded.

I14 INSUFFICIENT SPACE IN MAIN STORAGE
I/O pool or record lock pool is exhausted.

Decrease the size of the activation record for the action or allocate more main storage to the IMS job.

I15 UPDATE NOT PERMITTED IN CONFIGURATION
A request was made to perform some update function but updating was not configured.

Reconfigure specifying FUPDATE=YES in OPTIONS section.

I16 UPDATE NOT PERMITTED, I/O ERROR IN ONLINE RECOVERY
A hardware error occurred on the AUDCONF file.

Check the error code contained in the DTF to determine type of error and resolution of problem.

I17 TRACE IS DOWN, ONLY DISPLAYS ALLOWED
An error occurred on a trace file write operation. No updates are allowed for this IMS session.

Check the error code contained in the DTF to determine type of error and resolution for problem.

I18 REQUESTED RECORD LOCKED BY SOME OTHER TRANSACTION
Action program issued either a GETUP or an INSERT on a record but this record was already locked by another transaction.

Wait and try to execute the action again.

IMC01 UNSOL/CONTINUOUS OUTPUT NOT CONFIGURED
Action program attempting to use unsolicited output or continuous output and UNSOL=YES or CONTOUT=YES was not specified at configuration time.

Reconfigure specifying CONTOUT=YES or UNSOL=YES in OPTIONS section.

IMC02 DESTINATION TERMINAL IS BUSY, ON HOLD, OR DOWN
Action program attempting to create an output-for-input queueing message and the destination terminal is unavailable for transaction scheduling.

Check destination terminal to be sure it is operable and ready.

IMC04 INVALID DESTINATION TERMINAL OR OMH SPECIFICATION
Output message contains an invalid specification in the output message header. The most common error is an invalid terminal ID.

Correct action program.

IMC05 NO NETWORK BUFFER AVAILABLE IN ICAM LOAD MODULE
IMS cannot send an output message because the ICAM network buffer pool is depleted.

Retry to send the output. If the error occurs often, regenerate ICAM with more network buffers or larger buffers.

IMC06 ICAM OUTPUT ERROR
I/O error on one of the ICAM disk queue files.

Possible hardware problem; reallocate disk space for the queue file and rerun IMS.

IMC07 INVALID LENGTH SPECIFICATION
An action program has specified an invalid length in its output message header.

Correct length specification in output message header and retry.

R01 ONLINE RECOVERY FACILITY IS DOWN
An error occurred in the audit processing of online recovery. File updating is not permitted.

Terminate and reload IMS, using warm restart, or recover files using offline recovery utility.

R02 FILE ERROR (ON USER'S FILE) DURING RECOVERY
The rollback of a transaction was aborted because of a user file error when the before-images were being applied.

Use warm restart or offline recovery utility to recover file.

R03 GENERATED AUDIT IMAGES EXCEEDS PARTITION CAPACITY
The number of before-images generated by the transaction exceeds the number specified at configuration.

Increase AUDITNUM specification in GENERAL section of configuration.

T01 OFFLINE RECOVERY FACILITY DOWN
An error occurred on a trace file write operation; only file displays are allowed for this IMS session. This message usually appears after a message indicating that trace file space has been exhausted.

If trace file space has been exhausted, extend the trace file. Otherwise, check the error code contained in the DTF to determine type of error and resolution of problem. In either case, the trace file can be reestablished only by executing IMS again.

UE01 USER ACTION PROGRAM CHECK
See SNAP DUMP to determine why program check occurred.

Correct action program and rerun.

UE02 USER ACTION PROGRAM LOOP
Sixty seconds have elapsed without any I/O request from an action program. It is assumed that the program is in an infinite loop.

Correct action program and rerun.

UE03 USER ACTION PROGRAM EXCEEDED TIME-OUT COUNT
An action program has extended the time-out count specified in the IMS configuration.

Check whether action program is doing excessive processing, and check value specified by the ACTION keyword in the TIMEOUTS section of configuration.

UP02 INVALID SUCCESSOR PROGRAM NAME SPECIFIED
The action program specified as successor does not exist or was not configured.

Check predecessor program and configuration for proper action program name.

UP03 INVALID SUCCESSOR ACTION NAME SPECIFIED
Specified action is not configured.

Check predecessor program and configuration for proper action name.

UP04 INVALID TERMINATION INDICATOR SPECIFIED
A termination indicator other than A, S, I, D, E, or N was specified.

Correct action program and rerun.

UP05 IMS SUBPROGRAM HAS CALLED AN IMS SUBPROGRAM
An action program called as a subprogram cannot call another subprogram.

Correct action program and rerun.

UP06 SUBPROGRAM CALLED IS NOT RESIDENT
Subprogram was not configured as resident.

Reconfigure IMS, specifying SUBPROG=YES or RESIDE=YES in PROGRAM section.

UP07 MAXSIZE IS TOO SMALL
The size of a nonresident action program exceeds the MAXSIZE specified in the configuration for this action.

Reconfigure with a larger MAXSIZE specification.

F.2. MULTITHREAD IMS

When a transaction is abnormally terminated by multithread IMS, a 3-line error message including the reason for termination is returned to the source terminal and the system console in the following format:

```
TRANSACTION ABORTED.TRANS ID:id.TERM ID:id.
TRANS CODE:code.CURR ACTION:name.CURR PROG:name.
REASON:error-description
```

When a 2-part message appears in the reason field, see F.1 for the first error code and description listed under single-thread IMS messages.

When a UNIQUE transaction is abnormally terminated, the TRANS ID is the date-time stamp of the transaction, the TRANS CODE is OPEN, the CURR ACTION is ZU#OPN, and the CURR PROG name is the name of the UNIQUE module active at the time of error.

The error descriptions appearing in the REASON field, their causes, and corrective action are as follows:

ACTION PROGRAM DOWN

Error in loading the action program.

Check the action program name, recompile, and issue ZZPCH command from master terminal.

ACTION REQUESTED ABNORMAL TERMINATION: code

S or A was placed in the termination indicator in the PIB.

Correct action program and rerun.

AUDITNUM TOO SMALL

The number of before-images generated by the transaction exceeds the number specified at configuration.

Increase AUDITNUM specification and reconfigure.

BUFFER LENGTH IS NOT LARGE ENOUGH FOR INPUT MESSAGE

The input message staging buffer is not large enough to hold this input message.

Increase the value for the INBUFSIZ parameter in the GENERAL section of the configuration.

DATA DEF REQUIRED FILE IS DAM. MUST BE ISAM

File that is source of a primary part is configured as a DAM file.

Check and correct data definition.

DATA DEF REQUIRED FILE NOT IN IMS FILE INDEX

A file name specified in data division of data definition was not specified in FILE section of configuration.

Add the required file to the configuration or change file name in the data definition to match a configured file.

DATA DEFINITION NOT IN NAMED RECORD FILE

The data definition record named in the PIB is missing from the NAMEREC file or was specified incorrectly.

Rerun data definition processor to add required data definition record to the NAMEREC file or correct one of the following: DDN in password definition, DDRECORD in configuration, or DATA-DEF-REC-NAME in the PIB.

DEADLOCK

May be caused by file locks, record locks, or serially reusable action programs, or a combination of these conditions.

To avoid deadlock, ensure that:

- GETUP and PUT function calls do not span successor action programs;
- record locks are released as soon as possible; and
- action programs are coded as reentrant or shared code instead of serially reusable.

DEFINED RECORD MANAGEMENT NOT CONFIGURED
An attempt was made to use defined record management, and it was not included in this configuration.

Add DRCRDMGT section and reconfigure.

DMS01 IMS COULD NOT CALL DMS SYMBIONT
The DMS job was not active at the time the IMS request was issued to DMS.

Initiate DMS and retry.

DMS02 DMS WOULD NOT PERMIT IMS ACCESS
DMS has restricted IMS access.

Redefine DMS data base to allow IMS requests.

DMS03 DMS TERMINATED CAUSING TRANSACTION TO BE CANCELLED
DMS has been canceled.

Restart both IMS and DMS to reactivate the IMS/DMS interface.

DMS04 DMS FORCED ACTION TO DEPART WITH ROLLBACK
DMS detected an error in the IMS request and canceled the DMS run unit.

Check DMCA For the error code, correct problem, and retry.

DMS05 IMPART WAS NOT SUCCESSFUL
IMPART issued by IMS was not completed because of an error.

Check DMCA for the error code and the correct schema, subschema, and DMCL names; correct the problem and retry.

DMS06 DMS REQUEST AFTER DEPART
Action program made a request to DMS after issuing a DEPART statement.

Correct action program and rerun.

DMS07 DMS REQUEST WAS MADE OTHER THAN BIND WHEN UNBOUND
Only DEPART and BIND requests are permitted after UNBIND.

Correct action program and rerun.

DMS08 INVALID DMS REQUEST THROUGH IMS
FREE WITH CHECKPOINT and DEPART WITH ROLLBACK functions are not allowed.

Correct action program and rerun.

DMS09 ACTION DID NOT ISSUE IMPART FIRST
IMPART statement must be issued to activate a DMS run unit.

Correct action program and rerun.

DMS10 DMS OPEN FOR UPDATE HAS BEEN SUPPRESSED
If updating was not configured or if IMS updates are suppressed because of an online recovery error, DMS updates are not permitted either.

Change configuration or restart IMS.

DMS11 DMS BIND REQUEST WAS NOT SUCCESSFUL
A BIND was not completed because of an error in the DMCA.

Check that the following names in the DMCA are correct: schema, subschema, and DMCL.

DMS12 PIB LOCK-ROLLBACK-INDICATOR INVALID WITH DMS
When a DMS area is open for update, IMS and DMS locks can be held only for immediate internal succession.

Correct action program and rerun.

DMS13 DEPART OR UNBIND NOT ISSUED FOR "I" SUCCESSION
Action program terminated with immediate internal succession without terminating the DMS run unit with a DEPART or a DMCA UNBIND.

Correct action program and rerun.

DMS14 ACTION TERMINATED WITHOUT ISSUING A DEPART
Action program using DMS terminated (other than with immediate internal succession) without first issuing a DEPART.

Correct action program and rerun.

DMS15 ACTION ALREADY ISSUED IMPART
Action attempted to issue more than one IMPART; possible cause is program logic.

Correct program and rerun.

DMS16 DMS ERROR DURING ACTION TERMINATION: STATUS nnnn/nnnn
An error was encountered by DMS during IMS termination processing.

Check the DMS error status and rollback error codes (nnnn/nnnn) in the IMS data manipulation language user guide/programmer reference, UP-8036 (current version) and take the appropriate corrective action.

DMS17 INSUFFICIENT IMS MEMORY DURING DMS PROCESSING
IMS found insufficent main storage space to allocate for the processing of DMS IMPART statement.

Increase main storage size on the // JOB statement for IMS start-up and rerun.

DMS18 ACTION ALREADY ISSUED BIND
User action program issued a BIND statement without pairing the previous BIND with an UNBIND statement.

Check the logic of the action program and rerun.

DMS19 DEPART OR UNBIND NOT ISSUED BEFORE ACT. PROG. TERM
The transaction was terminated without a DEPART statement, or the action program was terminated without an UNBIND statement.

Correct the logic and rerun.

DMS20 ONLY ONE UPDATING RUN-UNIT ALLOWED IN A SUCCESS UNIT
Only one updating run unit is allowed in a success unit.

Correct the action program logic and rerun. Also, refer to the IMS/DMS interface user guide/programmer reference, UP-8748 (current version) for restrictions on data base update by IMS.

DMS21 IMS/DMS INTERNAL ERROR
An internal error was detected by IMS in processing a DMS transaction.

Submit a software user report (SUR).

EDITING NOT CONFIGURED

Action program requires expanded input editing, and editing was not configured for this action.

Reconfigure IMS, specifying EDIT=tablename in the ACTION section.

ERROR READING EDIT TABLE

Error in attempting to read edit record from NAMEREC file.

Check NAMEREC file for existence of this edit record; rerun edit table utility.

FILE CLOSED: filename

File has been closed because of an error or by the ZZCLS master terminal command.

If file was closed by the ZZCLS command, reopen it by using ZZOPN command.

FILE ERROR DURING RECOVERY

Rollback of a transaction was aborted because of a user file error during application of before-images.

Check error code contained in the DTF to determine type of error and resolution for problem.

FILE NOT EXCLUSIVELY ASSIGNED TO DATA DEF

File named in FD entry in data definition is also used as a file name in ACTION section of configuration.

Remove the file name from the configurator ACTION section or change action program to make all accesses to this file directly.

FILE REQUIRED BY DATA DEF NOT ISAM OR DAM

File named in FD entry in data definition is not required file type.

Correct data definition.

HARDWARE ERROR READING NAMED RECORD FILE

Data management has reported hardware error while accessing NAMEREC file.

Reinitialize and reload NAMEREC file.

IDENTIFIER IN DATA DEF INCONSISTENT WITH CONFIGURED KEYLOC

Identifier in a defined record does not correspond to an ISAM, IRAM, or MIRAM file key. Possible cause is omission of the PARENT statement.

Correct data definition.

INSUFFICIENT MAIN STORAGE

Not enough main storage to start an action.

Increase main storage allocation on // JOB card or decrease action program requirements for main storage.

INVALID DATA DEFINITION RECORD NAME: record-name

A nonexistent data definition record is named in password definition, configurator ACTION section, or predecessor action.

Check password definition, configuration, and predecessor actions, and correct.

INVALID DEFINED FILE NAME: defined-file-name

A nonexistent defined file or subfile is named in password definition, configurator ACTION section, or predecessor action.

Check password definition, configuration, and predecessor actions, and correct.

INVALID REQUEST: code

Function call issued to IMS is invalid.

Correct action program.

INVALID SUCCESSOR ID: id

The action program specified as successor does not exist or was not configured.

Check predecessor program and configuration for proper action program name.

INVALID TERMINATION INDICATOR

A termination indicator other than A, S, I, D, E, or N was specified.

Correct action program and rerun.

I/O ERROR: AUDFILE

An I/O error occurred during audit processing. File updating is not permitted for the remainder of the IMS session.

Terminate and reload IMS, using warm restart, or recover files using the offline recovery utility.

I/O ERROR: filename code

I/O error on specified file.

Reallocate file. File may have to be recovered offline.

ISAM FILE REQUIRED BY DATA DEF NOT BLOCKED

File used as source for a defined file is configured as unblocked.

Check configuration and data definition and correct.

LOGICAL ERROR READING NAMED RECORD FILE

Data definition record is missing from the NAMEREC file or was specified incorrectly.

Either the data definition processor must be run to put the required data definition record into the NAMEREC file, or one of the following must be corrected: DDN in the password definition, DDRECORD in the configuration, DATA-DEF-REC-NAME in the PIB.

MAXSIZE TOO SMALL

Size of a nonresident action program exceeds the MAXSIZE specified in the configuration for this action.

Reconfigure with a larger MAXSIZE specification.

OFFLINE RECOVERY FACILITY DOWN. nn ACTIVE UPDATE TRANSACTIONS

Error on the trace file. No updates are allowed for remainder of session.

Check for data management error messages and correct problem.

ONLINE FILE RECOVERY DOWN

An error occurred in the audit processing of online recovery. File updating is not permitted.

Terminate and reload IMS, using warm restart, or recover files using offline recovery utility.

OUTPUT MESSAGE ERROR: status-code

Error in processing output message.

Check output message header for correct destination terminal id, length specification, and auxiliary device field specification.

RECORD IN DATA DEF LONGER THAN CONFIGURED SIZE

Length of record in data division of data definition is greater than length of record specified at configuration. Possible cause is omission of the USAGE IS COMPUTATIONAL clause.

Correct record size in configurator FILE section, or correct data definition.

RE-ENTRANT SHOULD NOT=YES FOR THIS ACTION

User specified that all programs for this action are reentrant, but the program being loaded is not reentrant.

Either make the action program reentrant or remove all reentrant options and reconfigure.

SFS01 FORMAT AREA TOO SMALL

Action program issued a CALL BUILD or CALL REBUILD and text length specified in the program's format area is too small for the formatted message.

SFS02 OUTPUT VARIABLE DATA AREA TOO SMALL

Action program issued a CALL BUILD and variable data area does not contain enough data to fill all variable fields in the output display.

Correct action program.

SFS03 NO TERMINAL ENTRY AVAILABLE

User attempted to use more SFS terminals than allowed for in the IMS configuration.

Ensure that the SFS specification in the configurator OPTIONS section is large enough.

SFS04 OUTPUT VARIABLE DATA SPECIFIED FOR INPUT FORMAT

Action program specified a variable data area on a CALL BUILD for an input-only format.

Correct action program.

SFS05 SFS FORMAT DIMENSIONS GREATER THAN SCREEN DIMENSIONS

The screen format was generated for a terminal with a larger screen than the one currently being used.

Regenerate the screen for smaller screen size; generate similar screen for terminal being used; or use a terminal with a larger screen size.

SFS06 SFS - I/O ERROR READING FORMAT FILE
Screen format services encountered a fatal error in processing this transaction. For example, the screen format file could not be opened, or an I/O error occurred while reading the screen format file. This message usually indicates a problem with the screen format file.

Ensure that the screen format file has been correctly created and that it has been properly assigned through job control at IMS start-up time.

SFS07 REBUILD NOT ALLOWED
Action program issued a CALL REBUILD at an illogical time.

Check action program logic.

SFS08 VALID FIELD FOR REBUILD
Variable data area used in a CALL REBUILD contains an error field (marked X'FF') that is not within the screen display.

Correct action program.

SFS09 NO ERROR FIELD DETECTED FOR REBUILD
Action program issued a CALL REBUILD with a variable data area containing no error fields (marked X'FF').

Correct action program.

SFS10 SCREEN FORMAT INCORRECTLY GENERATED
Format requested by an action program was incorrectly generated to the screen format generator.

Check input to the screen format generator.

SFS11 SFS FAILED DUE TO SYSTEM ERROR
Screen format services cannot process this transaction because of an OS/3 system error.

If appropriate, retry transaction. If inappropriate to retry, or if retries fail, submit a software user report.

SFS12 SFS ATTEMPTED TO APPLY O/P ONLY FORMAT TO I/P MESSAGE
This is an error in the IMS screen format services processing.

Submit a software user report.

SFS13 SFS ENCOUNTERED UNDECIPHERABLE CHARACTER IN INPUT MSG
One or more invalid characters were detected in the input message. This problem may be caused by a hardware error.

Verify that the terminal is transmitting valid characters.

SFS14 IMS STAGING BUFFER TOO SMALL FOR INPUT VERIFICATION
An input message could not be successfully processed by IMS because the IMS staging buffer size was too small to handle the input verification by screen format services.

Check the screen format definition and, if valid, reconfigure IMS with a larger INBUFSIZ specification in the GENERAL section.

SFS15 FORMAT NOT FOUND FOR INPUT MESSAGE
The screen format required to process an input message could not be located in the screen buffer file.

This message indicates an error in IMS screen format services processing. Submit a software user report.

SFS16 SFS FAILED DURING INPUT CONVERSION

This error occurs when one of the following condition exists:

1. The input received from the devices does not match what was saved on output. Control information on the screen was destroyed when you:
   - Hit DISPLAY ERASE, INSERT/DELETE LINE, or any FCC key;
   - Switched to simulated system mode on a UNISCOPE terminal; or
   - Changed the control page XMIT option to something other than VAR.

   Do not perform any of these actions while using screen format services.

2. The language/keyboard name specified in the screen format is not one supported by SFG. Regenerate the screen format.

3. There is inadequate main storage available in the system. SFS uses a small amount of dynamic buffer space when running. Make space available and rerun.

4. The terminal does not have the protect feature or is not in protect mode.

If the problem persists, take a system dump and submit a software user report (SUR).

SFS17 INVALID SFS IMPERATIVE SEQUENCE

This is an internal IMS error.

Cancel IMS, take a job dump, and submit a Software User Report.

SFS18 SFS NOT ALLOWED IN THIS DDP ENVIRONMENT

CALL BUILD and CALL REBUILD are not allowed in program-to-program mode in a homogenous DDP environment.

Do not key in transaction code previously entered or remove SFS CALLs from action program.

SFS19 SFS OUTPUT VALIDATION ERROR

One or more of the variable data items supplied on a CALL BUILD is invalid.

Check the variable data supplied against the screen format generation and correct the errror.

SHARED SIZE TOO SMALL

Shared code work area is not large enough for a shared COBOL action program.

Reconfigure IMS, increasing the SHRDSIZE specification in the ACTION section.

SUBFILE NAME NOT IN DATA DEFINITION RECORD

Data definition record specified in PIB or in password definition does not contain the subfile specified in the PIB or in the password definition.

Check the following:

- DDN and FN in password definition
- DDRECORD and DFILE in configurator ACTION section
- DATA-DEF-REC-NAME and DEFINED-FILE-NAME in PIB

USER ACTION PROGRAM CHECK

See snap dump to determine why program check occurred.

Correct action program and rerun.

USER ACTION PROGRAM LOAD ERROR

An error occurred when IMS attempted to load nonresident action program.

Ensure that load module for action program is in the load library and that correct program name was specified in the configuration.

USER ACTION PROGRAM LOOP

60 seconds have elapsed without any I/O request from an action program. It is assumed that the program is in an infinite loop.

Correct action program and rerun.

F.3. IMS DDP TRANSACTION FACILITY ERROR CODES

When a transaction is abnormally terminated because of an error in processing a directory or operator-routed transaction, a multiline error message including the reason for the termination is sent to the originating terminal. The format of the message is:

TRANSACTION ABORTED BY locap-name ({ P / S }) ERROR CODE:

error TRAN CODE: tran

TRAN ID: id { TERM ID: termid / LOCP ID: locapid }

The locap-name field identifies the locap on which the error occurred; it is followed by P if the error occurred on the primary system, or S, on the secondary system. The TRAN CODE field identifies the transaction code that began this aborted operaton. The TRAN ID is the unique transaction identifier for this aborted transaction and is used for debugging. The TERM ID field identifies the terminal that initiated this transaction if the transaction was initiated locally. The LOCP ID field identifies the locap that initiated this transaction if the transaction was initiated remotely. The ERROR CODE field falls into two parts: a 4-character class code and a 4-character reason code. The codes are shown in Table F-1.

Table F-1. IMS DDP Transaction Facility Error Codes (Part 1 of 3)

Error Code		Error Type	Explanation	Action
Class	Reason			
000A	0001	Image transformation errors	Invalid function code	Submit software user report (SUR)
000A	0002		Invalid name	Submit SUR
000A	0003		Buffer not available	Submit SUR.
000A	0004		Invalid transaction data type	Submit SUR.
000A	0005		Invalid data length	Submit SUR
0008	0000	Protocol	Transaction attempted while a previous transaction is still in progress	Reenter transaction
0080	0100	Protocol errors	Required header item missing	Submit SUR
0080	0700		Message sequence error	Submit SUR
0080	0800		Invalid mode of operation	Submit SUR.
0080	0A00		Protocol procedure error	Submit SUR
0080	0B00		Invalid header item	Submit SUR
0080	0C00		Version not supported	Submit SUR

Table F-1. IMS DDP Transaction Facility Error Codes (Part 2 of 3)

Error Code		Error Type	Explanation	Action
Class	Reason			
0080	0D00	Protocol errors (cont)	Class of procedure not supported	Submit SUR.
0081	0000	Interface	Action program or IMS error at remote system	None
0084	0300	Terminal operator requested cancel (ZZCNC)	Terminal operator entered ZZCNC at originating terminal.	None
008C	0001	Protocol errors	Error encountered in transaction presentation control (TPC) header	Submit SUR.
0400	0001	Interface errors	Invalid transaction code	
0400	0002		Shutdown in progress	
1000	0051		Invalid destination name	Submit SUR
1000	0052		Invalid input queue name	Submit SUR
1000	0056		Destination end user busy.	Retry; if problem persists, submit SUR
1000	0057		Duplicate session request; already active	Submit SUR
1000	0058		No dynamic main storage available.	Retry; if problem persists, submit SUR
1000	0075		Link not initialized	Check VLINE connection
1000	0076		Destination terminal down	Submit SUR
1000	0077		Line down	Check VLINE connection
1000	0078		Remote IMS not ready	Ensure that secondary IMS has successfully completed start-up

Table F-1. IMS DDP Transaction Facility Error Codes (Part 3 of 3)

Error Code		Error Type	Explanation	Action
Class	Reason			
1000	0100	Interface errors (cont)	No sessions available	Increase DDPSESS specification
1000	0200		Secondary system rejected system request because: 1. locap-name of primary IMS is not configured as a valid locap-name at secondary system; 2. secondary system has no more available sessions; or 3. secondary system went down while trying to find an available session.	1. Make sure locap-name is valid. 2. Increase number of sessions on secondary system
1100	1800		No ICAM buffer available	Reenter transaction.
1100	1900		No session established	Submit SUR.
1200	9900		Invalid request	Submit SUR.
1400	0000		Remote node went down for one of these reasons: - VLINE went down - VLINE not initialized - Remote system went away (normal or error)	
8000	0002		Message response contains no text.	
8000	0003		Outstanding output to originating terminal	Submit SUR.
8000	0085		No ICAM buffers available	Reenter transaction.

Appendix G. IMPL and IPL Hardware Error Displays

This appendix lists all the code displays for IMPL and IPL hardware errors. The appropriate code display appears as the second line of the LOAD *ERROR STOP* message during an IMPL or IPL of the SPERRY System 80.

All code displays, along with an explanation and the corrective action for each error, is provided in Table G-1. If the error condition persists after taking the appropriate corrective action, record the error code display and refer to your System 80 operator maintenance guide, UP-8915 (current version) for error definition and reporting procedures.

Table G-1. IMPL/IPL Error Code Displays (Part 1 of 2)

IMPL/IPL Code Display (hexadecimal)	Description
00	Device selected for alternate load is not configured. Retry the IMPL/IPL using configured device.
01 ccdd ss xxxxxx	Device error occurred during the load procedure, where ccdd is the device ID, ss is the device status, and xxxxxx is the device sense data. Retry the IMPL/IPL. If condition persists, retry the load from an alternate device.
02 eeee gggg	Invalid checksum detected on load data, where eeee is the calculated checksum, and gggg is the expected checksum. Retry the IMPL/IPL. If condition persists, retry the load from an alternate device.
03 eeee gggg	Invalid overall checksum detected on load data, where eeee is the calculated checksum, and gggg is the expected checksum. Retry the IMPL/IPL using an alternate device.
04 aaaa or aaaaaa	Load attempted to nonexistent COS or main storage location, where aaaa is the COS word address, and aaaaaa is main storage byte address. Retry the IMPL/IPL from an alternate device.
05 mmmm mmmm	Load data has invalid load allow mask, where mmmm mmmm is the input mask. Retry the IMPL/IPL from an alternate device.

Table G-1. IMPL/IPL Error Code Displays (Part 2 of 2)

IMPL/IPL Code Display (hexadecimal)	Description
06 aaaa or aaaaaa	Load attempted to COS or main storage location outside range specified in start record, where aaaa is the COS word address, and aaaaaa is the main storage byte address. Retry the IMPL/IPL from an alternate device.
07	Initial load record is not a START record. Retry the IMPL/IPL from an alternate device.
08	Formatting error detected in load data. Retry the IMPL/IPL from an alternate device.
09	No END record found in load data. Retry the IMPL/IPL from an alternate device.
0A ccdd	Branch record found in load data when load attempted from diskette, where ccdd is the device ID. Retry the IMPL/IPL from an alternate device.
0C	Invalid keyin to initiate IMPL or IPL in response to LOAD *ERROR STOP* message. Retry keyin (FUNCTION plus IMPL or IPL).
0D	Invalid logical record size specified in load data. Retry the IMPL/IPL from an alternate device.

Appendix H. SAMRPT Error Codes

Error Code	Explanation/Recovery Action
0	The end of the file was reached or the file contained no data. Check the file name and the subfile specification and rerun the job.
-1	A SAT open error occurred because an invalid file name was specified or the DVC-LFD SAMIN sequence was omitted. Correct the file name and rerun the job.
-2	A SAT I/O error occurred. Check the error code on the dump and take the appropriate action.
-3	A bad parameter was encountered. Check the parameter cards and rerun the job.
-4	A block number or time sequence error occurred in the system activity monitor data file. Since this problem results from a physical loss of records on disk, the error is unrecoverable.
-5	**A fault in the data get routine was encountered. If the problem persists, contact your local Sperry representative.**
-6	An error occurred when a parameter card was being read. Check the parameters and rerun the job.
-7	An error occurred when a subfile was being opened. Check the subfile specification and rerun the job.
-8	The start time as specified in the TME parameter was not found in the specified subfile. Check the subfile specification and the TME parameter, and rerun the job.

(continued)

Error Code	Explanation/Recovery Action
-9	Report time less than or equal to zero; no report is generated. Check the subfile times and parameter specifications.
-10	Invalid subfile type. Check the subfile type versus parameter specifications.
-11	Trace data record length error. Suggests correction of data in the subfile or file.

Appendix I. DDP Error Codes for Work Order Rejection by Remote Host

Code	Command Affected	Explanation
001	All	Command parameter error detected by a processing module.
130	CREATE	File name for file to be created already exists.
131	CREATE COPY	Space is not available on volume named.
132	CREATE PURGE	Volume named is not available. It is in use.
133	COPY SUBMIT	Volume containing originating or destination file is not available. It is being retrieved.
134	CREATE	File type requested is not supported.
135	CREATE COPY	Index key field specifications are missing or invalid.
136	CREATE	File size specification is missing or inconsistent.
140	CREATE	Device type or class specified is not available.
141	CREATE	Device type or class specified is not supported.
142	SPOOL	Device name is invalid or not recognized.
143	SPOOL	Device specification is not supported.
160	COPY SUBMIT	Originating file name was not found.
161	COPY	Originating element type is not supported.
162	COPY PURGE SUBMIT	Element name was not found in source file.

Code	Command Affected	Explanation
163	COPY SUBMIT	Originating file is not available. It is in use.
165	COPY SUBMIT	Originating file read password is invalid or missing.
170	COPY SUBMIT	There is a processing error at the originating file.
180	COPY PURGE	Destination file name was not found.
181	COPY	Destination element type is not supported.
183	COPY PURGE	Destination file is not available. It is in use. Y (system) files cannot be purged or erased.
184	COPY PURGE	Destination file write password is invalid or missing.
185	COPY	Destination file read password is invalid or missing.
186	COPY	There is an encoding error in the destination file.
189	COPY	File has not been copied because of an unrecognized error.
190	COPY PURGE	There is a processing error at the destination file.
193	Any DDP command	Command aborted by remote host.
194	Any DDP command	DDP program check occurred at remote host.
195	Any DDP command	No main storage available at remote host to complete function.
196	Any DDP command	An internal DDP problem occurred at remote host.
197	Any DDP command	An interprocess control protocol error was detected at remote host.
198	Any DDP command	An application protocol error was detected at remote host.
199	Any DDP command	An error occurred at the remote host during attempt to SCALL a required module.
200	COPY PURGE	Host with the destination file is not available.
201	SUBMIT	Destination host is not available.

Code	Command Affected	Explanation
220	SUBMIT	There is no job stream in the file submitted.
221	SUBMIT	Job stream was rejected because of specification errors.
222	SUBMIT	There was an unrecoverable error while copying the file.
223	SUBMIT	Jobs are not currently being accepted from the network.
224	SUBMIT	Host-id in the job description segment is invalid.
225	SUBMIT	Symbiont device name is invalid.
226	CANCEL	Job name was not found.
227	CANCEL	The job output for the cancelled job was lost.
228	CANCEL	Delivery of output was requested, but it has been discarded.
229	CANCEL	Delivery of output was requested, but it has already been printed or punched at the host specified in the command.

Appendix J. Software Maintenance Package Error Codes

This appendix describes the error codes for the SMPU37 message, which is generated by the SMCUPD program. See message SMPU37 for corrective action.

Error Code	Explanation
SMMIxxxx	These messages indicate that, because the SMC job stream contains insufficient data, the module identification routine had a problem identifying the module/transient being changed. Subcode xxxx is as follows: 0010 No // EXEC or // ICAMLINK card was found. 0023 The SMC tried to execute LIBS but no COR/COP/ADD/ELE card could be found after the // EXEC LIBS statement. 0034 The SMC tried to execute LIBS or MLIB, but did not explicitly state the module name and/or type being copied. 0040 The SMC tried to execute LIBS or MLIB, but there was no FIL command to match the COR or ELE command. 0043 The SMC could not find an output file or a VERASG (version assign) on the LIBS command. 0055 The // EXEC command tried to execute a load module other than LIBS, MLIB, TRNPAT, MSGGEN, TRNGEN, ASM, COBL74, FORT74, or LNKEDT. 0060 The SMC tried to execute LIBS or MLIB, but there was not // LFD xxx to match the FIL DO=xxx card, and the name on the FIL statement did not begin with Y. Therefore, no link existed between the module being corrected and the file where the module was located.

Error Code	Explanation
SMMIxxxx (cont)	0061 There is no // LBL card preceding the // LFD card to provide a link between the module being corrected and the file where the module is located. 0065 The SMC being processed contains a JCL device assignment set with the // LBL statement specifying a YRUN file, but the // DVC or // VOL statement does not specify RUN. 0070 DO is not a valid file descriptor in SMC execution. Change to D1-D15 and rerun. 0080 The SMC tried to execute LIBS or MLIB and the function was COR or ELE with no corresponding EOD statement. 0090 There is no // EXEC or // ICAMLINK statement in the SMC. 0091 The // ICAMLINK statement does not contain an M= parameter. The modules being linked cannot be identified. 0099 There are too many modules being changed by this SMC. The limit is 20. 0100 The SMC tried to execute TRNPAT. There was no "2 T=" card present, so the transient being changed could not be identified.
DOGENxxx	These messages are generated by the DOGEN routine. Subcode xxx is as follows: 000 An attempt was made to regenerate a module when the source input to SG$PARAM was not present in YSRC. 001 An attempt to regenerate SG$PARAM failed. 002 An attempt to regenerate SG$SUPMK, SG$COMMK, SG$NTRMK, SG$COBMK, or SG$EMUMK failed.
REAL0001	This is a DOGEN routine message. It indicates that the attempt to re-align YLOD or YSCLOD failed. An operator message describing the problem also appears on the console.

Error Code	Explanation
SMCMxxxx	These messages are generated by the COPYMOD routine. Subcode xxxx is as follows: 0001 An attempt to restore a module from the backout file failed. 0022 In procedure New-Module, an attempt to read the header record of the file SMBMIR failed. 0023 In procedure Delete-Module, an attempt to delete the module from the system failed. 0024 In procedure Copymod, an I/O error occurred.
SMPR0001	This is a SMCPREP routine message indicating that an attempt to save a transient in the backout file failed.
SMSMxxxx	This is a SAVEMOD routine message indicating that an attempt to internally copy a module to the backout file failed. The SMC will not be applied. Subcode xxxx is as follows: 0011 An attempt to open the input system file failed. 0012 An attempt to open the output backup file failed. 0014 An attempt to find the first data record of the module in the input system failed. 0015 An attempt to write the module header record to the output backup file failed. 0017 An attempt to write the module data record to the output backup file failed. 0018 An attempt to update the output backup file directory failed. 0019 An attempt to read the module data record from the input system file failed. 0020 An attempt to open the output backup file for a new module failed. 0021 An attempt to read the module header record of the output backup file for a new module failed.

Error Code	Explanation
SMSMxxxx (cont)	0022 An attempt to write a record to the output backup file for a new module failed. 0023 An attempt to update the output backup file directory for a new module failed. 0024 An attempt to read the header record from the output backup file for a new module failed.
SMUP0001	This is a SMCUPD routine message indicating that a logic error has occurred in the SMCUPD program. The flags are set for both LAST PASS and ANOTHER PASS REQD.
R07 ONLY	This version of the SMCUPD program applies to release 7 only and cannot be run on later releases.
SMSDxxxx	These messages indicate that there is a problem with the SDF(SC) stamp. Subcode xxxx is as follows: 0011 An attempt to open the YSDF file failed. 0012 An attempt to read the header record of YSDF failed. 0013 An attempt to read the module data record of YSDF failed. 0014 An attempt to open SMCFILE on the tape/diskette containing the system enhancement (SE) failed. 0015 An attempt to read the first data record from the tape/diskette file failed. 0016 An attempt to write the header record to YSDF failed. 0017 An attempt to write the module data record to YSDF failed. 0018 An attempt to update the YSDF directory failed. 0019 An attempt to close YSDF failed. 0020 An attempt to close SMCFILE on tape/diskette failed.

Error Code	Explanation
SMSDxxxx (cont)	0021 An attempt to read the FCB for the tape/diskette failed. 0022 An atttempt to free the tape/diskette drive for further use failed.
SMCVxxxx	These messages indicate that there is an error while checking the version number. Subcode xxxx is as follows: 0001 End-of-data error occurred before "ENDLIB" demarcator was found. 0003 Unrecognizable module type code encountered. 0004 An attempt to read the module data record resulted in an end-of-data error.
SMRUxxxx	These messages indicate that there is an invalid interaction between the SMC and the run processor. Subcode xxxx is as follows: 0001 Internal logic error - the SMC type is invalid. It must be one of the following: SMC, REST, BLOD, TRAN, TRNC, SG$P, SG$M, or REAL. 8001 SMC took longer than 4 minutes to be run processed. 8004 SMC was not scheduled to run within 5 minutes of run processor completion. 9999 SMC application software is out of sync with the SMC jobs it has scheduled.

Appendix K. Interprocess Control Facility (IPC) Error Codes

Class	Error Code	Explanation	Action
3		Error in IPC request from application program	Correct the error in the interface and rerun the program. If error persists, contact your local Sperry representative.
	01	Application program name not found	
	02	Destination name not known	
	03	Authorization denied	
	04	Interface parameter unknown	
	05	Interface parameter missing	
	06	Conversation ID unknown	
	07	IPC context area unavailable	
	08	Exception reply pending	
	09	Abort pending	
	10	Command discipline violation	
	11	Unknown operation request	
	12	Solicited response not arrive	
	13	No data	
	14	Conversation terminated normally	

Class	Error Code	Explanation	Action
4		Conversation aborted locally	Contact your local Sperry representative.
	01	Time-out waiting for response	
	02	Error on underlying level	
	03	Time-out waiting for confirmation	
	04	IPC logic error	
	05	IPC load error	
10		Error in image transformation request from application program	Correct error in interface and rerun the program. If error persists, contact your local Sperry representative.
	01	Data presentation error	
	02	Data name unknown	
	03	Data length error - input	
	04	Data type mismatch - input	
128		IPC request error	Correct protocol error and rerun the program. If error persists, contact your local Sperry representative.
	01	Required header item missing	
	02	Header item not expected	
	03	Invalid function code	
	04	Invalid response type	
	05	Invalid user ID	
	06	Invalid external applications program reference	
	07	Message sequence error	
	08	Invalid mode	
	09	Invalid priority	
	10	IPC protocol procedural error	
	11	Invalid header item	

Class	Error Code	Explanation	Action
128 (cont)	12	Current version not supported	
	13	Class of procedure not supported	
129		System error	Correct the program error and rerun. If problem persists, contact your local Sperry representative.
	01	Load error	
	02	User program check	
	03	User program loop	
	04	Program exceeded time-out value	
130		Recovery error	Contact your local Sperry representative.
	01	Recovery facility down	
131		Access error	Contact your local Sperry representative.
	01	Program issued invalid data	
132		User request error	Correct the error and rerun the program. If error persists, contact your local Sperry representative.
	01	Invalid successor-id	
	02	Invalid procedural request	
	03	User issued abort	
140		Image transformation request error	Correct the protocol error and rerun. If error persists, contact your local Sperry representative.
	01	Data presentation protocol error	

Appendix L. COBOL I/O Status Key Values

When the FILE STATUS clause is specified, the operating system inserts a value into the specified 2-character data item to inform the COBOL program of the status of that input/output operation. The leftmost character position of the file STATUS data item is known as status key 1; the rightmost character position is known as status key 2. Status key 1 is set to indicate a specific condition; status key 2 provides further information, if any, about the input/output operation. Table L-1 lists the status key values and their meanings for each type of file organization. The meanings for the key values are further described in the notes following the table.

Table L-1. Status Key Values and Meanings (Part 1 of 2)

File Organization	Status Key 1	Status Key 2
Sequential and SAM*	0 - Successful completion	0 - No further information
	1 - At end	0 - No further information
	3 - Permanent error	0 - No further information 4 - Boundary violation
Relative	0 - Successful completion	0 - No further information
	1 - At end	0 - No further information
	2 - Invalid key	2 - Duplicate key 3 - No record found 4 - Boundary violation
	3 - Permanent error	0 - No further information
Indexed and ISAM*	0 - Successful completion	0 - No further information
	1 - At end	0 - No further information
	2 - Invalid key	1 - Sequence error 2 - Duplicate key 3 - No record found 4 - Boundary violation
	3 - Permanent error	0 - No further information

**Applies only to 90/25, 90/30, 90/30 B, and 90/40 systems.*

Table L-1. Status Key Values and Meanings (Part 2 of 2)

NOTES:

1. At end - A format 1 or format 2 READ statement is unsuccessful because no next logical record exists, or an OPTIONAL file is not available at OPEN time.
2. Boundary violation - An attempt is made to write beyond the externally defined boundaries of a file.
3. Duplicate key - An attempt is made to write a record to a relative file, or to write or rewrite a record to an indexed or ISAM* file, which will create a duplicate key in the file.
4. No record found - An attempt is made to access a record, identified by a key, and that record does not exist in the file.
5. Permanent error - The I/O statement is unsuccessful because of an unrecoverable I/O error, or a boundary violation for a sequential file.
6. Sequence error - For a sequentially accessed indexed or ISAM* file, the ascending sequence requirements for successive RECORD KEY values are violated, or the prime record key value of an indexed file, or the RECORD KEY value of an ISAM* file is changed by the COBOL program between the successful execution of a READ statement and the execution of the next REWRITE statement for that file.

**Applies only to 90/25, 90/30, 90/30 B, and 90/40 systems.*

Appendix M. DBMS Error Messages

Message	Explanation
DB1	A DMS run unit attempted to execute a verb when it was not imparted and bound. Check program logic. If this occurs for an IMS job, it indicates that the batch DMS interface module (XRSPIR) is link-edited to an action program, due to an incorrect DMLP DUPL PRE-PROCESS option.
DB2	Register content error The DBMS received an unknown error condition from the supervisor.
DB3	Critical code error A DMS application program terminated, and the DBMS was interrupted while updating a global list.
DB4	DBMS self-cancel request Check the DBMS job log for a QWnn message. If there is no QWnn message, then the DBMS encountered an internal error.
DB5	DBMS internal error in removing a thread from a resource wait queue.