CD CONTROL DATA
CORPORATION

NOS/BE VERSION 1
DIAGNOSTIC HANDBOOK

CDC® COMPUTER SYSTEMS:
CYBER 170 SERIES
CYBER 70
  MODELS 71, 72, 73, 74
6000 SERIES

REVISION RECORD

REVISION	DESCRIPTION
A	Original release.
(11-01-75)	
B	Updated to reflect the release of NOS/BE version 1.1. All messages have been merged into one alphabetic list.
(07-16-76)	Loader messages now appear only in the CYBER Loader Reference Manual. The following features are included:
	844-41/44 Support (145), 844 Expander Support (169), 844 Factory Format Support (83), Stack Processor Restruc-
	ture (133), Job Management and SCP Enhancements (159, 163).
C	Updated to reflect the release of NOS/BE version 1.2 at PSR level 447. The following features are included:
(04-29-77)	CYBER Control Language (CCL) Interface, Customer Engineer Validation Interface, and LDCMR Upgrade.
	LDCMR messages have been removed from the NOS/BE System Programmer's Reference Manual and appear in
	this manual only. Because of extensive changes to this manual, chart tape and dots are not used and all pages
	reflect the latest revision level. This edition obsoletes all previous editions.
D	Updated to support NOS/BE 1.2 at PSR level 454 and to make editorial and technical corrections. Support of
(08-19-77)	CYBER 170 model 171 is included.
E	Updated to support the release of NOS/BE version 1.3 at PSR level 473. The following features are included:
(06-06-78)	Advanced Tape Subsystem Extensions, Enhanced Station Improvements, Permanent File Reliability, Availability,
	and Maintainability Improvements, Line Status Display, INTERCOM 5.0, and Communications Control for
	INTERCOM (CCI) 3. Messages that begin with a variable field are now at the end of the listing. Due to the
	extensive changes to this manual, chart tape and dots are not used and all pages reflect the latest revision level.
	This edition obsoletes all previous editions.
F	Updated to reflect NOS/BE at PSR level 481. This revision makes various editorial and technical corrections.
(10-20-78)	
G	Updated to reflect NOS/BE at PSR level 488.
(02-15-79)	
H	Updated to support NOS/BE version 1.3, at PSR level 499. This revision adds diagnostics for EXPORT
(07-20-79)	High Speed and improved load leveling and makes corrections, expands explanations, and supplies missing routine
	names. This edition obsoletes all previous editions.
J	Updated to reflect NOS/BE version 1.4 at PSR level 508. This revision adds diagnostics for FMD (885 disk drive)
(12-21-79)	support, common testing and initialization (CTI) support, RMS deadstart, deadstart dump analyzer (DSDUMP), and
	CYBERLOG support. This revision makes editorial and technical corrections, expands explanations, and supplies
	missing routine and output file names. This edition obsoletes all previous editions.
K	Updated to reflect NOS/BE version 1.4 at PSR level 518. In addition to making many technical corrections and
(05-19-80)	supplying missing column entries, this revision incorporates diagnostics for the downline loading of controlware
	in 7021, 7054, 7152, 7154, and 7155 controllers and incorporates diagnostics for remote batch accounting. Because
	of extensive changes to this manual, chart tape and dots are not used, and all pages reflect the latest revision
	level. This edition obsoletes all previous editions.
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REVISION LETTERS I, O, Q AND X ARE NOT USED

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REVISION RECORD (CONT'D)

REVISION	DESCRIPTION
L	Updated to reflect NOS/BE version 1.4 at PSR level 530. This revision incorporates the fixed assign-
(11-17-80)	ment of user/terminal IDs and the relocation of INTERCOM system tables from CM resident to the managed
	buffer area. This edition obsoletes all previous editions.

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60494400

LIST OF EFFECTIVE PAGES

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INTRODUCTION

This manual is a listing of the system messages produced by the NOS/BE version 1 operating system running on a CONTROL DATA® CYBER 170 Series; CDC® CYBER 70, models 71, 72, 73, and 74; or CDC 6000 Series Computer System. The messages are of interest to computer operators as well as anyone running programs on the system.

If you encounter a diagnostic or informative message that does not appear in this handbook, contact your site analyst. If site-supplied software did not produce the message, the analyst should submit a Programming Systems Report to document the message.

Extended memory for the CYBER 170 Model 176 is large central memory extended (LCME). Extended memory for all other NOS/BE computer systems is extended core storage (ECS) or extended semiconductor memory (ESM). In this manual, the acronym ECS refers to all forms of extended memory unless otherwise noted. Programming information for the various forms of extended memory can be found in the COMPASS Reference Manual and in the appropriate computer system hardware reference manual.

RELATED PUBLICATIONS

Documents that provide more detailed information about the system and that might be of interest to programmers using NOS/BE are the following:

Control Data Publication	Publication Number
Advanced Tape Subsystem Reference Manual	60449600
CYBER Loader Version 1 Reference Manual	60429800
CYBER Record Manager Advanced Access Methods Version 2 Reference Manual	60499300
CYBER Record Manager Basic Access Methods Version 1.5 Reference Manual	60495700
EXPORT High Speed Reference Manual	60456880
INTERCOM Version 4 Reference Manual	60494600
INTERCOM Version 5 Reference Manual	60455010
INTERCOM Version 4 Multi-User Job Capability Reference Manual	60494700

Control Data Publication	Publication Number
INTERCOM Version 5 Multi-User Job Capability Reference Manual	60456070
Magnetic Tape Subsystem Reference Manual	60403900
NOS/BE Manual Abstracts	84000470
NOS/BE Version 1 Diagnostic Index	60456490
NOS/BE Version 1 Installation Handbook	60494300
NOS/BE Version 1 Operator's Guide	60493900
NOS/BE Version 1 Reference Manual	60493800
NOS/BE Version 1 System Programmer's Reference Manual	60494100
On-Line Maintenance Software Reference Manual	60453900
Software Publications Release History	60481000
Update Version 1 Reference Manual	60449900

The NOS/BE Manual Abstracts is a pocket-sized manual containing brief descriptions of the contents and intended audience of all NOS/BE and NOS/BE product manuals. The abstracts manual can be useful in determining which manuals are of greatest interest to a particular user.

Control Data also publishes a Software Release History Report of all software manuals and revision packets it has issued. This history lists the revision level of a particular manual that corresponds to the level of software installed at the site.

The NOS/BE to NOS/BE link is described in the NOS/BE Version 1 Operator's Guide. The NOS/BE to SCOPE 2 link is described in the SCOPE 2 Operator's Guide (publication number 60455090).

Publication ordering information and latest revision levels are available from the Literature Distribution Services Catalog, publication number 90310500.

DISCLAIMER

This product is intended for use only as described in this document. Control Data cannot be responsible for the proper functioning of undescribed features or undefined parameters.

CONTENTS

APPENDIX

Messages that the NOS/BE operating system prints are listed in alphabetic order. Entries beginning with numbers follow the alphabetic listing. Entries in which the first characters change depending on the parameters of the job are listed after those that begin with a number; they are organized alphabetically by the first word in the message that is constant, as follows:

> xxx NOT IN PPLIB

> program NOT LISTED

Some messages have inserts made into the text as they are generated. Inserts in messages are indicated by lowercase letters. The format of the diagnostic messages consists of five columns listing the following information.

- Message column

  The message is capitalized; all variables are in lowercase letters. Included in this manual are informative messages, operator action requests, deadstart messages, and diagnostics.

- Significance column

  This column briefly describes the problem and defines variables in the message.

- Action column

  This column states the action required, if any, and how to perform it.

- Output column

  This column indicates the display in which the message appears.

Identifier	Output Display
B	B display
D	Deadstart display
J	Job dayfile
L	L display
R	Bottom of right screen
S	System dayfile

The messages can appear in any of these displays, none of them, or all of them.

- Routine column

  This column states the routine that generates the given message.

Hardware error refers to the situation where the software can determine unambiguously that hardware has failed to perform correctly. In the case of a hardware-related error, as well as a 66x type of system error, an entry in the customer engineer file listing is made automatically. This error file listing provides the customer engineers with additional information on the type of hardware error and what hardware might have caused the malfunction to occur. If the hardware error is fatal, the job is terminated unconditionally. System operation is not otherwise disturbed, and recovery deadstart is not required.

System error refers to the situation where the software determines there is a malfunction in the operating environment, such as improper interface or a potential hardware error. If the system error is fatal, the PP which discovered the malfunction unconditionally kills the system to facilitate isolation and correction of the problem. A recovery deadstart is required.

Fatal error generally indicates a job step abort; abnormal condition processing occurs.

MTxx indicates seven-track tape, and NTxx indicates nine-track tape. Many messages are the same for both kinds of tape except for the prefix. In this manual, all messages common to both types of tape, as well as those that apply only to seven-track, are printed with the MT prefix. Messages printed with the NT prefix apply only to nine-track tape.

An alphabetized list of routines and abbreviations used throughout this handbook follows the messages. Each entry is described in a brief writeup either expanding the abbreviation or stating the function of the routine.

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
A DOUBLE EOF WAS FOUND BEFORE A /	If a double EOF appears before a zero-length record when p2 on the record identification statement is a /, this message is printed, and all records up to double EOF are written on output file.	No action required.	B,J,S	COPYN
A LEVEL 1 DEADSTART IS REQUIRED TO IDENTIFY THE CONFLICTS, TYPE GO TO CONTINUE.	The TYPE 1 CONFLICTS message, indicating table conflicts, or the TYPE 2 CONFLICTS message, indicating file conflicts, precede this message.	Allow the RELABEL job to complete by typing GO. Then perform a level 1 deadstart so that RECOVER can identify the conflicts. The failure of the level 1 deadstart would leave the system operating with invalid files.	B,J,S	RELABEL
A NUMERIC EXTENDS BEYOND AN END OF FILE	On the record identification statement, p2 specifies more records than exist on the file. COPYN writes all records, one EOF, and rewinds file.	Correct problem and retry.	B,J,S	COPYN
A PARAMETER BEGINS BEYOND AN EOF-EOF	On the record identification statement, p1 is numeric and its value is greater than the number of records preceding the double EOF.	Correct problem and retry.	B,J,S	COPYN
ABNORMAL TERMINATION - RETURN PUNCH WITH PROBLEM REPORT	Fatal error. File containing diagnostic information about error was routed to card punch.	Submit punch file to system analyst.	B,J,S	EDITLIB
ABS ABORTED	Informative message. ABS found control point error flag set. ABS terminated,leaving any output as it was generated.	No action required.	B,J,S	ABS
ABS - ABS FWA OUTSIDE CM FL	Beginning parameter exceeds machine field length. No dump results.	Correct problem and retry.	B,J,S	ABS
ABS - ABS LWA OUTSIDE CM FL- CM FL SUBSTITUTED	Ending parameter (last word parameter) is greater than machine field length. Machine field length is used.	No action required.	B,J,S	ABS
ABS - CANNOT DUMP TO PERMANENT FILE	ABS found an attached permanent file with the filename OUTPUT. No dump will result.	Return permanent file named OUTPUT and retry.	B,S	ABS
ABS - DO NOT HAVE CORRECT PERMISSIONS FOR OUTPUT FILE	User does not have modify and/or extend permissions for filename OUTPUT. No dump will result.	Correct problem and retry.	B,S	ABS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ABS – FWA EXCEEDS LWA	Beginning parameter exceeds ending parameter. No dump results.	Correct problem and retry.	B,J,S	ABS
ABS – PARAM WD ADDRESS OUTSIDE FL	Parameter word address is outside job field length. No dump results unless job field length is changed while ABS is operating, and error is detected while ABS is attempting to set complete bit.	Correct problem and retry.	B,J,S	ABS
ACCESSING SMT	Informative message.	No action required.	B	RECOVER
ACE CALLED WITHOUT RECALL	Issued if recall bit of PP input register is not on when routine is called.	Correct problem and retry.	B,J,S	ACE
ACE FUNCTION ADDRESS NOT IN FL	Address specified in central memory not in user field length.	Correct problem and retry.	B,J,S	ACE
ACT,ADDRESS OUTSIDE FL	Address of function/status word is outside field length.	Correct problem and retry.	B,J,S	ACT
ACT CALLED IMPROPERLY	Calling sequence is bad.	Correct problem and retry.	B,S	ACT
ACT FUNCTION IS ILLEGAL	Unrecognizable function code.	Correct problem and retry.	B,S	ACT
ACT,RELATIVE LWA TOO BIG	LWA of the buffer is larger than the job's field length.	Correct problem and retry.	B,S	ACT
ADDRESS ERROR-RB BUFFER	Fatal system software error.	Perform a deadstart dump and redeadstart.	B,J,S	PFD
ADDRESS OUT OF RANGE	Fatal user error. Lower 18 bits of LBL RA+1 call does not reflect a relative address within calling job's field length.	Modify LBL call.	B,J,S	LBL
ADDRESS OUTSIDE FIELD LENGTH	Fatal user error. Lower 18 bits of MNT RA+1 call does not reflect a relative address within calling job's field length.	Modify MNT call.	B,J,S	MNT
ADDSET COMPLETE	Informative message.	No action required.	B,S	PFCCP
ADS BUFFER PARAMETER ERROR	Fatal system software error. Parameter block is not in field length or has an incorrect code.	Perform a deadstart dump and redeadstart.	B,J,S	ADS
ADS CANT FIND RBR	Fatal system software error.	Notify system analyst.	B,J,S	ADS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ADS DAM/RBR DISCREPANCY	Fatal system software error and possible hardware error. Tables have been destroyed.	Perform a deadstart dump and redeadstart.	B,J,S	ADS
ADS-DAM/RBR DISCREPANCY IN ADS	Postdeadstart message. ADS is the ADDSET processor. During public device initialization, label and RBR had different RB size.	Device must be idled.	B,S	ADS
ADS, DAM TOO BIG	Device was labeled with a DAM too big for the CM RBRs on this system. Must relabel to add.	Correct problem and relabel device.	B,S	ADS
ADS DISK IL ERROR	Informative message; hardware error. Error writing label to set or clear interlock; condition of interlock is uncertain.	If this persists, affected drive is bad in dayfile. Run RECOVER (for existing master) or LABELMS again.	B	ADS
ADS DISK RD ERROR	Informative message; hardware error occurring during label interlocking, in accessing disk, or when label cannot be found.	If this persists, device is bad. Drop job.	B	ADS
ADS-DUPL MEM VSN	Set already has a member with given VSN.	Specify an alternate VSN or relabel other pack.	B,J,S	ADS
ADS-EST PARAM MISSING	Postdeadstart message. Postdeadstart initialization job was incorrect and did not supply EST ordinal.	Correct problem and retry.	B,S	ADS
ADS FLAW TBL PARITY	Fatal parity error on a device.	Check parity error message in system dayfile to determine which device is bad.	B,J,S	ADS
ADS, FLAW TBL SIZE ODD	Label is invalid.	Pack must be relabeled by a normal LABELMS run.	B,J,S	ADS
ADS MASTER FLAW TBL BAD	Fatal error in device contents. Set is probably overwrittern.	Run RECOVER.	B,J,S	ADS
ADS, MEM DIFF DEVTYPE OR RBSIZE	Fatal error. All members of a private set must be of same device type and record block size.	If wrong device was specified, retry. Other-wise, perform LABELMS again using same record block size as the master device.	B,J,S	ADS
ADS, MEM FLAW TBL BAD RBSIZE	Label and flaw table disagree.	Pack must be relabeled.	B,J,S	ADS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ADS, MEM NOT SAME DEVICE TYPE	System has detected different device types. User sets may not contain different types of devices.	Correct problem and retry.	B,J,S	ADS
ADS MST CPARE ERR	Fatal, mounted-set-table compare error and possibly a hardware error.	Perform a deadstart dump and redeadstart.	B,J,S	ADS
ADS-NO MASTER DEV	Postdeadstart message. Deadstart was completed without providing a master device for this public set.	Correct problem and retry.	B,J,S	ADS
ADS READ PARITY	Fatal parity error on device.	Check parity error message in system dayfile to determine which device is bad.	B,J,S	ADS
ADS SEQUENCE WAIT	Informative message given during processing.	No action required unless the message persists and no ADDSETs are running; notify system analyst.	B	ADS
ADS, SMT BAD	DAM ordinals in the SMT have been disordered; files may have been destroyed.	User should recover set before adding this device.	B,J,S	ADS
ADS-TUMANY PARAMS	A parameter was repeated or invalid.	Correct problem and retry.	B,J,S	ADS
ADS-USER CANT SAY DS	DS is not a valid parameter to ADDSET for users.	Correct problem and retry.	B,J,S	ADS
ADS WRT PARITY	Fatal parity error on device.	Check system parity error message to determine which device is bad.	B,J,S	ADS
ALERT BIT SET GENERAL STATUS=ssss MTS CHcc UNuu	This message occurs when deadstart tape is mounted on a 66x tape unit; signifies abnormal condition from buffer controller. ssss General status cc Channel number uu Unit number	Notify customer engineer.	D	CONTROL
ALL SYSTEM BUFFERS OFF	The user is attempting to use ECS for buffering via the DDPs. All system buffers are of the DDP type and are currently off. There are possible hardware errors.	Turn on DDPs and retry, perform a deadstart dump and redeadstart, or notify customer engineer.	D	CEM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ALL SYSTEM DEVICES SPECIFIED ARE NOT ENOUGH TO HOLD ENTIRE SYSTEM. DEADSTART AGAIN AND SPECIFY MORE UNITS.	Deadstart fails. System devices must be logically or physically added.	Deadstart again and change EST to show more or larger devices for system.	D	IRCP
ALREADY IN LIBRARY	Informative message.	No action required.	B,J,S	EDITLIB
ALTER NEEDS EXCL.ACCESS	Conditionally fatal user error. FDB return code = 033B. Error code passed to 1PD by PFE.	Attach permanent file with control permission or specify RW = 0.	J	1PD
AN ID (P1) IS REQUIRED ON ALL TEXT CARDS	An ID is missing from a text card.	Correct problem and retry.	B,J,S	COPYN
ANOTHER MF USNG DEVICE-GO/DROP LABELMS	Another mainframe is using the device.	Either wait until no other mainframe is using the device and enter GO, or drop the job.	B,J,S	LABELMS
APPENDED-type/name	The record with type and name on the replacement file was not matched; it has been appended to the new file. This message occurs only when the user selects the A option.	Informative message.	B,J,S	COPYL/ COPYLM
APR ABORTED INVALID REQUEST OR ADDRESS	Requested function is invalid or address specified is outside user's field length.	Correct problem and retry.	S,J	APR
APR COULD NOT FIND REQUESTED JOB FILE	A job in the APR SEQ table could not be located either because the FNT had been dropped from the system or the job was still in execution.	Job should be reentered if it was dropped from the system.	S	APR
APR PARAMETER ILLEGAL	The APR function is illegal. The user can only call 1 and 11 via control statements; 5, 10, and (0,0) via system macros; and 0, 2, 3, and 4 via the console.	Correct parameter and retry.	S,J	APR
APR SEQ ALREADY ON	An attempt was made to turn the APR sequencer on while it was already on.	No action required.	S	APR
APR SEQ HAS NO SUCH JOB	User attempted to run, drop, or set interval for a job not in the APR SEQ table.	Add the job to the APR SEQ table before attempting the operation.	S	APR
APR SEQ IS ON	The APR sequencer was turned on.	Action completed.	S	APR
APR SEQ JOB nn ALREADY IN USE	User attempted to insert an APR SEQ job into a location in the APR SEQ table which was already occupied by another job.	Insert the job into a different location in the APR SEQ table.	S	APR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	nn Number of job within sequence table			
APR SEQ JOB nn ALREADY RUNNING	User attempted to run an APR SEQ job that was already executing. nn Number of job within sequence table	No action required.	S	APR
APR SEQ JOB nn FILE NOT FOUND	Entry nn of the APR table of sequenced jobs has been cleared because the job was neither in the input queue nor executing when the sequencer tried to start it.	Reenter job if required.	S	APR
APR T.SEQ INTERLOCK SET TOO LONG	The interlock flag on the APR SEQ table was set longer than it should be.	Notify systems analyst.	S	APR
APR T.SEQ LESS THAN 4 CM WORDS	There is insufficient space to create the APR SEQ table.	Reassemble the CMR with a value of L.SEQ greater than or equal to 4.	S	APR
ARCHIVE CY EXISTS – NO PFN,ID,PW CHANGES	RENAME does not allow specified changes when an archived cycle exists.	Retrieve or purge archived cycles and retry.	J	PFR
ARCHIVE RETRIEVAL ABORTED	Conditionally fatal user error. FDB return code = 013B. PFA passed error code to 1PD. One of the following conditions prevented the archive retrieval. – Operator dropped or killed archive retrieval job. – Archive retrieval; job aborted during LOADPF.	User should consult operator before retrying job.	B,J,S	1PD
ARCHIVE RETRIEVAL-BAD 1PF SETUP	Fatal system software error.	Perform a deadstart dump and redeadstart.	B,J,S	LOADPF
ARCHIVED DIRECTORY INFO OF message	Informative message. Copy of permanent file does not reside on DUMPF table being loaded; only archived header reflects that it is archived on the tape.	No action required.	B,J,S	LPF
AREA DEFINITION OUT-OF-ORDER IN CMRDIR	Fatal user error. Areas in CMRDIR are not in proper order.	Specify areas in CMRDIR in following order: CM resident, monitor mode, user mode.	B,J,S	LDCMR
ARG BEYOND FL	Parameter address is beyond field length. addr in the preceding message will be zero.	Correct problem and retry.	B,J,S	LDL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ARG ERR	Reference to a control point area word beyond control point area length of 177B has been made on a code 0 call to LDL.	Correct problem and retry.	B,J,S	LDL
ASSIGN DISK PACK VSN vsn	The system is requesting a disk pack.	Enter n.ASSIGN vsn. to assign required pack.	B	ADS
ASSIGN SECOND UNIT	The system is requesting a second unit.	Assign a second tape unit of same type as first unit.	B,S	REQ
ASSIGNED DEVICE DIFFERS FROM REQUESTED DEVICE	The user assigned a device of the wrong type.	Correct problem and retry.	B,J,S	LABELMS

ASSIGNED TO VSN vsn,SN setname	Informative message.
	  vsn Volume serial number
	  setname Device set name
		No action required.	B,J,S	1PK

ASSIGNING NTxx COULD DEADLOCK SYSTEM TYPE J.YES OR J.NO	Informative message to operator. xx Tape EST ordinal	Type j.YES or j.NO.	B,S	REQ 2TACOM 1TS
AT CY=cy SN=setname	Informative message to operator. xx Tape EST ordinal	No action required.	B,J,S	PFA
AT LEAST TWO CPS FOR DEADSTART-HDS	Bad MTR request.	Assemble central memory resident with at least two control points.	B,J,S	HDS
AT RBT LOC addr POINTER OUT OF RANGE OR WORD PR CROSSES CHAINS TYPE GO TO CONTINUE	Recovery will search for start of another chain. addr Address	GO continues recovery.	D	IRCP
ATTACH pfn FAILED-PF RETURN CODE ec	Attempt to attach file pfn resulted in FDB return code ec. Refer to the table on the front inside cover.	Notify system analyst.	S	TDS
ATTEMPT TO ALTER INTERCOM CONFIGURATION -- ENTER GO/DROP	A warning message to the operator, which indicates an attempt to use TDFGEN or PASSWRD.	Enter n.Go. or n.DROP.	S,B,J	PASSWRD TDFGEN
ATTEMPT TO OVERWRITE TAPE WITH UNEXPIRED LABEL TYPE GOxx OR RECHECKxx	Informative message. xx EST ordinal	Typing GOxx. allows job to continue. RECHECKxx. rereads label and rechecks expiration.	B,J,S	3IM
AUDIT ABORT-READ PAST EOR ON ORBTC	Fatal system error.	Perform a deadstart dump and redeadstart.	B,J,S	AUDIT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
AUTO-RECALL ERROR	Job terminated because completion bit was already set when job went into auto-recall.	Correct problem and retry.	B,J,S	1EJ
AUTO-RECALL FLAG NOT SET	Auto-recall bit not set in MEM calling sequence.	Set auto-recall bit to increase storage.	B,S	MEM
AUTOLOAD PROGRAM TOO LONG	Fatal system error. Deadstart will not proceed.	Perform a deadstart dump and redeadstart.	D	CONTROL
AWAITING STORAGE	Informative message.	No action required.	B,S	1TD
B=lfn IGNORED	Nonfatal user error. Contradicting parameters F=0 and B=lfn appeared on LDCMR control statement.	Remove F=0 parameter if B=lfn parameter is desired. lfn File name	B,J,S	LDCMR
BACKUP, GO WHEN CORRECTED (RESTART)	RESTART has found a checkpoint number on tape that is larger than that on control statement, probably due to mounting wrong volume of a multivolume checkpoint tape.	Mount earlier checkpoint tape or rewind mounted tape.	B	RESTART
BAD APF COUNT	System error; conditionally hung PP. Attached permanent file count is in error.	Perform a deadstart dump and redeadstart.	B,J,S	1PC
BAD APF ORDINAL	System error; conditionally hung PP.	Perform a deadstart dump and redeadstart.	B,J,S	1PC
BAD ARGUMENT TO statement	Nonfatal user error. A parameter of control statement indicated is invalid. This message is usually issued in conjunction with another error message, indicating nature of error and how parameter is treated.	Check parameters of control statement for errors and correct.	B,J,S	COMQARG
BAD BYTE COUNT IN PRU	Data on the RMS deadstart device has been destroyed.	Deadstart from tape.	D	CONTROL
BAD CALL TO LBL	Fatal system error.	Perform a deadstart dump, redeadstart, and notify systems analyst.	B,J,S	LBL
BAD CMR IDENT SELECT IDENT FROM ECS LABEL AND ENTER IT TO GO TYPE -CR- TO GO WITH ECS OFF	Existing extended core storage label is displayed on right screen.	Perform instructions given in message.	D	IRCP
BAD CMR ON INPUT FILE	Fatal user error. Binary is not a well formed absolute overlay or pointers in word P.AREA are illegal.	Check pointers in P.AREA for errors and correct. If correct, reassemble central memory resident.	B,J,S	LDCMR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
BAD CMRDIR PROGRAM	Fatal user error. Binary is not a correctly formed overlay.	Reassemble CMRDIR.	B,J,S	LDCMR
BAD COMPARE	Discrepancy occurred during COMPARE.	Drop job if good compare is required.	B,J,S	COMPARE
BAD DAM ENTRY. VSN=vsn	Informative message. There is a mismatch between a logical flaw table or device allocation map header and corresponding set member table entry. Identity of bad value appears in output listing. vsn Volume serial number	Notify system analyst.	B,J,S	RECOVER
BAD DAM ORD IN RBT-GO OR ROP	Informative message. There is an invalid DAM ordinal in one RBT chain.	Notify system analyst. Type GO to proceed.	B	RECOVER
BAD DAM ORD IN RBTC	Nonfatal system error. DAM ordinal in a local file RBT chain is out of range.	Notify system analyst.	B,S	RECOVER
BAD DAM ORDINAL	System error; conditionally hung PP.	Perform a deadstart dump, redeadstart, and notify systems analyst.	B,J,S	1PC
BAD DAM ORDINAL, GO/DROP	Nonfatal system error. There are more record block reservation tables than device allocation maps for this device.	Notify system analyst. Type n.GO to continue with postdeadstart or n.DROP to drop the job.	B	RECOVER
BAD DEVICE TYPE-RELABEL	Fatal user error. Device type specified on control statement does not match assigned device type.	Correct control statement and retry.	B,J,S	RELABEL
BAD DISK RBR	System error; conditionally hung PP.	Perform a deadstart dump, redeadstart, and notify systems analyst.	B,S	1PC
BAD ERROR FLAG = ec JOB DROPPED	System error. An undefined error flag treated as an operator drop. ec Undefined error code	Notify system analyst. Refer to section on system control point area in the System Programmer's Reference Manual.	B,J,S	1EJ
BAD EST ORDINAL-LBL	Fatal system software error.	Notify system analyst.	B,J,S	LBL
BAD FILE-lfn	LDCMR unable to recognize file lfn. If file is ZZZZCMR, LDCMR has been atered since file was created.	Notify system analyst.	B,J,S	LDCMR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
BAD FILE NAME	Fatal system software error.	Notify system analyst.	B,J,S	PFD
BAD FLW ENTRY. VSN=vsn	Informative message. There is a mismatch between a logical flaw table or device allocation map header and corresponding set member table entry. Identity of bad value appears in output listing. vsn Volume serial number	Notify system analyst.	J,S	RECOVER
BAD FNT ADDRESS, PROBABLY WRONG TAPE	Fatal system software error.	Notify system analyst.	B,J,S	XDQ
BAD FNT AT addr XDQ CLEAR TO CONTINUE	A queue file with a bad supplement FNT entry was encountered. addr Address of bad file name table	Notify system analyst. Clear XDQ output register to continue DMPQ process. The bad FNT entry will not be dumped and will be locked.	B,J,S	XDQ
BAD FNT FET ADDRESS	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC
BAD LABEL FROM LABELMS	Hardware problem; job was aborted.	Notify customer engineer.	B,J,S	LBL
BAD MP PARAM, ADS	System detected invalid MP parameter. MP, like VSN, must be alphanumeric with no special characters.	Correct problem and retry.	B,J,S	ADS
BAD OCTAL DIGIT	An octal field in previous control statement is in error; control statement error flag set.	Correct problem and retry.	B,S	1AJ
BAD PARAM LIST ADDR - DSM	Fatal system software error.	Notify system analyst.	B,J,S	DSM
BAD PARAMETER ADDRESS - MSD	Fatal error.	Notify system analyst.	J,S	MSD
BAD PARAMETER ADDRESS - OUX	Fatal system error.	Notify system analyst.	B,S	OUX
BAD PARAMETER ADDRESS - SRB	Fatal system error.	Notify system analyst.	J,S	SRB
BAD PARAMETER LIST ADDRESS PASSED - DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
BAD PF FNT POINTER	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC
BAD PFC POINTER OR CHAIN	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC
BAD PFD POINTER	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC
BAD PFD POINTER FOR SYSTEM FILE	Bad MTR request.	Perform a deadstart dump, redeadstart, and notify system analyst.	B,J,S	TAT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
BAD POINTER FOR TABLE NAME TYPE GO TO USE POINTER FROM FRESH CMR	Pointer to table was lost.	Type GO to continue recovery.	D	IRCP
BAD POSITION - IGNORED	Request to attach positioned file was ignored because position stored by SETP was invalidated as a result of ALTER function.	No action required.	B,J	PFA
BAD PREAMBLE PRU	Fatal system software error.	Notify system analyst.	B,J,S	MNT
BAD PRO INDEX FOR SYSTEM FILE	Bad MTR request.	Perform a deadstart dump, redeadstart, and notify systems analyst.	B,J,S	TAT
BAD RB ADDRESS SYSTEM FILE	System error, bad system file.	Notify system analyst.	B	1AJ
BAD RBR ORDINAL	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC
BAD RBT EMPTY CHAIN POINTER TYPE GO TO CONTINUE	Word P.RBT was destroyed before deadstart recovery.	Type GO to restore P.RBT.	D	IRCP
BAD READ FROM DISK	Hardware problem encountered in reading disk.	Notify customer engineer.	B,J,S	1SX
BAD REQUEST MACRO	Bits set in REQUEST parameter list are incompatible.	Correct problem and retry.	B,J,S	REQ
BAD RESPONSE TYPE N.CFO Y/N	The deadstart spun-off task expected a Y or N on a CFO command, but the operator typed something else.	Type n.CFO Y or n.CFO N. n is the control point number of the deadstart spun-off task.	B,J,S	SOTDS
BAD RETURN ADDRESS - OUX	Fatal system error. OUX is a utility helper. Return (input register) address is out of field length (range). Does not hang system.	The system analyst should dump the field length of the hanging utilities.	B,J,S	OUX
BAD RMS LABEL ON DEVxx device CHcc EQe UNuu RECOVERY NOT POSSIBLE LABEL - VSN vsn1 OF SN setname1 EXPECTED - VSN vsn2 OF SN setname2	Unrecoverable deadstart error. xx EST ordinal device Device name cc Channel number e Equipment number uu Unit number vsn Volume serial number setname Set name	Perform a level 1 deadstart.	D	IRCP
BAD SMT ENTRY	Fatal error. Set member table entry for master is in error.	Notify system analyst.	B,J,S	RECOVER
BAD SMT ENTRY GO OR DS	Fatal error. Set member table entry for member is in error.	Notify system analyst. Postdeadstart process can be resumed if so desired (type GO).	B,S	RECOVER

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
BAD SSCT TYPE GO TO CONTINUE	Word T.SSCT was destroyed before deadstart recovery.	Type GO to restore T.SSCT.	D	IRCP
BAD STACK REQUEST	Bad MTR request.	Notify system analyst.	R	3DO
BAD SUBTABLE HEADER - NUMBER OF PORTS EXCEEDS MAX.	The number of ports defined on a MUX subtable header exceeds 256. INTERCOM will not run.	Reduce the number of ports defined on a MUX subtable header.	S	1T1
BAD SYSTEM TABLE ALLOCATION	Fatal error.	Notify system analyst.	B,J,S	RECOVER
BAD UNIT/NO READ AFTER WRITE	Tape unit malfunction; unable to write from loadpoint. Returns to user if EP bit is set, else fatal.	Notify system analyst.	B,J,S	3IM
BAD VALUE	Refers to FLAW and FREE type-ins and to assembled CMR flaws.	Enter one of the options listed on the left screen.	D	IRCP
BAD VSN REQUEST	User error. The specified VSN cannot be found in device set.	Correct problem and retry.	B,J,S	1PK
BATCH NOT ALLOWED FROM A BATCH JOB	The BATCH command can be entered from INTERCOM only.	Use ROUTE control statement in place of BATCH and rerun job.	B.J,S	BATCH
BEGIN EVICTD,Daa﹒	Informative message. aa Dependency group	Start evicting all dependency group aa and release mass storage.	S	1MH
BEWARE - SYSTEM UNSAFE	M.ICE subfunction EX.BOOT failed but partially recovered. Message should be preceded by error conditions listed under BOOT message.	Do not run LDCMR again; a subsequent recovery may fail.	B,S	LDCMR
BINARY RECORD MISSING FROM INPUT	Logical records requested from system INPUT file must begin with next logical record on INPUT file.	Correct problem and retry.	B,J,S	COPYN
BITMAP FULL - PASSWRD RUN TERMINATED	The number of terminal-IDs and user-IDs exceeds 1296.	Delete some usernames and passwords then retry.	J,S	PASSWRD
BIT LENGTH ERROR	Fatal system error. CMR configuration problem.	Notify system analyst.	B,S	LBL
BIT TABLES SIZE TOO LARGE - LABELMS	Fatal user and operator error.	Change RBR input cards and retry, or ask operator to mount pack on specific drive with large enough bit table size.	B,J,S	LABELMS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
BLANK LABEL WRITTEN ON rbn	Informative message. rbn Record block number	No action required.	B,J,S	LBL
BLANK TAPE READ	Return dependent on EP bit setting. No error code returned. No data was received after a one-second delay (66x driver).	No action required.	B,J,S	6WM 3IM
BLOCK GR MBL	The tape staging spun off task received a data block which was greater than maximum block length.	Increase the maximum block length for the tape being staged.	B,J,S	SOTTP
BLOCK READ IS LONGER THAN MLRS	Fatal error. Block read was greater than MLRS specified if S or L tapes, or greater than 512 CM words if SCOPE or SI tape. Return dependent on EP bit setting.	Correct problem and retry.	B,J,S	3IM
BOMB AT addr	Illegal parameters were passed to the OPCOM routine in IRCP. addr Return address of bad call	Correct problem and reassemble IRCP.	D	IRCP
BOMB AT 400addr	Deadstart display driver received illegal data from subroutine call address (part of IRCP is overwritten). addr 6-digit octal address	Notify system analyst.	D	IRCP
BOOT message	M.ICE subfunction EX.BOOT has returned a nonzero status. Possible messages are: UNKNOWN STATUS RETURNED UNABLE TO READ AREA TABLE NO ALTERNATE SYSTEM Could occur if no LDCMR has added an ECS system or an LDCMR has deleted previous system. DATE/TIME STAMPS DO NOT MATCH NO ROOM FOR SYSTEM IN CM Could result if one LDCMR adds a large system to ECS while another LDCMR attempts to boot it. CANNOT READ INIT CANNOT REREAD AREA TABLE CANNOT READ CM RESIDENT OR SEGMENT TAB	Rerun the job to add to ECS and BOOT on same LDCMR.	B,S	LDC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	WRITE ABORT ON REPLACE			
	REPLACE WHILE RUNNING ON OLD SYSTEM			
BOTH NAMES INDICATING RANGE . CANNOT BE */	Informative message.	Correct problem and retry.	S	EDITLIB
BUF. SIZE ASSEMBLED INTO EDITLIB. INSTALL NEW VERSION	BUF3 value is too small.	Reassemble and reinstall EDITLIB with larger value for BUF3.	S	EDITLIB
BUFFER ARGUMENT ERROR FILE NAME lfn FET ADDRESS addr	User error. Return dependent on EP setting. Error code 22 returned in bits 9-13 of FET code/status. Circular buffer pointers in FET fail to satisfy: 0 .LE. FIRST .LT. LIMIT .LE. FL, FIRST .LE. IN .LT. LIMIT, FIRST .LE. OUT .LT. LIMIT. In table of disk addresses, those for O.RMR are outside the field length. lfn File name addr FET address	Correct problem and retry.	B,J,S	6WM 1SX CEM
BUFFER INSUFFICIENT FOR INPUT LOGICAL RECORD FOR S/L TAPE OUTPUT	The input logical records were too long for the COPYN buffer for output to an S or L tape. Records must be 512 words or less.	Correct problem and retry.	B,J,S	COPYBR COPYBF COPYCR COPYCF
BUFFER OUTSIDE FL - VERIFY IGNORED	Buffer specified in verify parameter block is outside user's field length. Job terminated.	Correct problem and retry.	B,J,S	VEJ
BUF3 UNABLE TO HOLD LIBRARY NAME TABLE. ENLARGE BUF3	Informative message.	Reassemble and reinstall EDITLIB with larger value for BUF3.	S	EDITLIB
BUF3 UNABLE TO HOLD PROGRAM NAME TABLE. ENLARGE BUF3	Informative message.	Reassemble and reinstall EDITLIB with large value for BUF3.	S	EDITLIB
BUSY RESTORING lfn	Informative message. lfn File name	No action required.	B	QUEDUMP
BYTE COUNT GT 500 WRITING DISK FILE, TYPE N.CFO SKIP/TERMINATE	Informative message. Stack processor has found bad byte count in PRU control word read from tape created on an earlier system. File will not be restored on disk.	Type n.CFO SKIP to skip loading the file. Type n.CFO TERMINATE to terminate LOADPF.	B,J,S	LOADPF
Ccc LCC y BAD	LCC y on channel cc has been dumped. Except for LCC, operating system is not affected.	Enter ACK. to acknowledge.	R	OZZ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
Ccc SAC BAD	LCC problem on channel cc.	Enter ACK. to take system out of STEP mode. Notify customer engineer.	R	OZZ
CALLABLE BY THE CENTRAL CONSOLE OPERATOR ONLY	LINSTAT utility was called from somewhere other than the central console. Call was ignored and job continues.	No action required.	B,J,S	LINSTAT
CALLING ERROR (CKP)	Fatal user error. Bit 0 parameter is not zero, RECALL bit is not set in call to CKP, or parameter list is outside field length.	Correct problem and retry.	B,J,S	CKP
CALLING JOB IS NOT DEPENDENT	Job calling TRANSR, TRANSC, or TRANSF does not have dependency identifier.	Add dependency or drop the call.	B,J,S	JDP
CANNOT AUTOLOAD RMS BUFFER CONTROLLER. ALTERNATE ACCESS RESERVED ON CHcc OPTIONS - PAS - BYPASS AUTOLOAD OF BC REP - TRY AGAIN EST - DISPLAY EST	An attempt to load new controlware into a controller failed because another mainframe is using the alternate channel to the disk controller or because there is a hardware problem. cc Channel number	Enter PAS to use the existing controlware in the controller, REP to initiate an autoload of the controller, or EST to retrieve the EST display for possible reconfiguration. Consult customer engineer if none of the options above are appropriate.	D	IRCP
CANNOT COMPLETE EVICT-RBT = rbt	Informative message. Hardware interlock has been lost; evict cannot be completed. rbt RBT ordinal	Notify system analyst.	B,J,S	1EV
CANNOT DELETE MASTER MEMBER(S) EXIST IN SET	All members of a set must be deleted before the master.	Before executing a DELSET on the master, execute a DELSET on all other members.	B,S	DLM
CANNOT DELETE SYSTEM MASTER	The operating system's master device cannot be deleted.	No action required.	B,J,S	DLM
CANNOT FIND MASTER	System error or user error. A master device is no longer mounted.	Check operator dismount, remount parameter.	B,J,S	DSM
CANNOT GET CM FL,JOB RERUN	An attempt to initiate job from input failed because 1IB could not get adequate central memory storage. Job was rerun.	No action required.	B,J,S	1IB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CANNOT INITIALIZE SYSTEM SET IF NOT A LVL 0 DEADSTART OPTIONS - EST - DISPLAY EST AND RESTART RMS LABEL PROCESSING PERFORM LEVEL 0 DEADSTART	A level 0 deadstart must be selected if the system set is to be initialized.	Enter the EST option or perform a level 0 deadstart.	D	IRCP
CANNOT PERFORM LEVEL 0 DEADSTART FROM RMS REDEADSTART FROM TAPE OR CHANGE DEADSTART LEVEL	The user attempted a level 0 (or possibly a level 4) deadstart with an RMS device as the deadstart device. The user cannot perform a level 0 deadstart from disk.	Change the deadstart device to tape or use another deadstart level (such as 1).	D	CONTROL
CANNOT READ DAM	Job aborted. Hardware problems.	Retry. If problem repeats, RELABEL cannot be run. Set is lost and must be initialized.	B,J,S	RELABEL
CANNOT READ LFT	Job aborted. Hardware problems.	Retry. If problem repeats, set will have to be initialized.	B,J,S	RELABEL
CANNOT READ PFT	Job aborted. Hardware problems.	Notify system analyst.	B,J,S	RELABEL
CANNOT READ TRAILER LABEL	Informative message.	If RECHECKxx. is typed, system rereads tape. If GOxx. is typed, job proceeds as if an EOF trailer label had been read.	B,J,S	3IM

CANNOT RECOVER ACTIVE INTERCOM WHEN RELOADING SYSTEM LIBRARIES
 	
SELECT OPTION
  RL RELOAD SYSTEM LIBRARIES
  NR NO RELOAD - INTERCOM RECVRD
	Informative message.	Select the correct option.	D	CONTROL

CANNOT RECOVER INTERCOM TYPE -GO- TO DROP INTERCOM AND CONTINUE RECOVERY	Active INTERCOM cannot be recovered.	Type GO to drop INTERCOM and to continue recovery.	D	COM
CANNOT RELABEL MOUNTED DEVICE	Fatal user error. Another job is using device.	Retry.	B,J,S	RELABEL
CANNOT REQUEST USER AND SYSTEM EDITLIB WITH THE SAME CONTROL CARD	Both user and system parameters cannot appear on the call to EDITLIB.	Use separate control statements for the two types of parameters and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CANNOT ROUTE INPUT FILE	File INPUT cannot be specified on a ROUTE or DISPOSE control statement or macro.	Correct problem and retry.	B,J,S	DSP
CANNOT SWAP BACKWARDS, NO PREVIOUS VSN	Fatal error.	Operator mounted a multi-reel tape in a different order from that specified on the VSN control statement. This is especially critical if the REQUEST card used 2MT or 2NT as a parameter and the operator attempted a backward swap. Rerun the job with the correct tape order.	B,J,S	3IM
CANNOT WRITE LABEL	Hardware problems. Job aborted.	Retry.	B,J,S	RELABEL
CANNOT WRITE LABEL - LABELMS	Label has been written and cannot be rewritten.	Notify customer engineer.	B,J,S	LABELMS
CANNOT WRITE PFT	Job aborted.	For a master RELABEL, set has to be reinitialized; all files are lost. For a member RELABEL, bad record block should be flawed and RELABEL run again. If in postdeadstart, repeat deadstart process.	B,J,S	RELABEL
CANNOT WRITE PFT - LABELMS	Due to hardware problem, LABELMS was unable to write physical flaw table.	Flaw bad portion(s) of device.	B,J,S	LABELMS
CANNOT WRITE RBR - LABELMS	LABELMS was unable to write record block reservation table.	Notify system analyst.	B,J,S	LABELMS
CANNOT WRITE 7000 LABEL	Fatal user error. User should not attempt to write a SCOPE 2 label using a NOS/BE-only utility.	Correct problem and retry.	B,J,S	LABELMS
CANT DMNT MOUNTED MASTER OR PUBLIC SET	Fatal operator error. The DMNT command cannot be used on public sets or on a master device before its members.	Correct problem and retry.	B,J,S	DSM
CANT IDLE MASTER OF SN setname	Informative message. Master device for a public set cannot be idled. setname Set name	Specify another device as master or move master pack to another drive and turn that device on.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CANT INITIALIZE GEMINI LINK FILE CHECK DUMP FOR PF ERROR	Installation parameters defining the link files are wrong.	Correct installation parameters and reassemble GEMINI and MYQ.	B,J,S	GEMINI
CANT MEM ABOVE JOB MAX FL	User cannot get more field length than maximum defined by installation or the maximum specified on the job statement.	Correct problem and retry.	B,S	MEM
CANT RECOVER ECS SYSTEM LEVEL 1 D/S REQUIRED	Existing segment library in ECS could not be used.	Perform a level 1 deadstart.	D	IRCP
CANT RFL ABOVE JOB MAX FL	User request for field length exceeds installation defined maximum or the maximum specified on the job statement.	Correct problem and retry.	B,J,S	1AJ
CANT ROUTE NON ALLOCATABLE EQP	Neither ROUTE nor DISPOSE can be used with files that reside on tape or other nonallocatable equipment.	Correct problem and retry.	B,J,S	DSP
CANT ROUTE PERM FILE	Neither ROUTE nor DISPOSE can be used with permanent files.	Correct problem and retry.	B,J,S	DSP
CATALOG pfn FAILED - PF RETURN CODE ec	Attempt to catalog file pfn resulted in FDB return code ec. (Refer to the table on the inside front cover.)	Notify system analyst.	S	TDS
-CC- EST=xx CHANNEL LEFT ACTIVE	An unexpected error condition occurred because the other mainframe went down or the hardware malfunctioned. The driver will continue to run. xx EST ordinal	MFSTAT will automatically attempt to restart the link. If the error persists take a dump and notify system analyst and/or customer engineer.	B,J,S	STD
-CC- EST=xx COUPLER/CHANNEL TEST FAILED	The link driver diagnostic routine failed while attempting to activate the coupler or channel in order to obtain coupler status. This causes the driver to stop running. xx EST ordinal	Verify that the channel and equipment numbers for the EST ordinal are correct. If so push the MASTER CLEAR buttons on the 6683/ 7683 couplers and restart the link with a LOGIN command. If the error persists, take a dump and notify system analyst and/or customer engineer.	B,J,S	STD
-CC- EST=xx ERROR CODE OUT OF RANGE	The error routine in the link driver on EST ordinal xx was called with an invalid error code. This is a fatal software error which causes the driver to stop running.	Take a dump and notify a system analyst. Otherwise a LOGIN command can be used to	B,J,S	STD

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		restart the link.		
-CC- EST=xx HARDWARE/SOFTWARE FAILURE	A channel or coupler function was timed out. This may be caused by a hardware or software malfunction. This causes the driver to stop running. xx EST ordinal	Bring up the M display. If the channel shows F (full) or E (empty), try to clear it with DCN commands. Then press the MASTER CLEAR buttons on the 6683/7683 couplers and type LOGIN to restart the link. If the condition persists, take a dump and notify system analyst or customer engineer.	B,J,S	STD
-CC- EST=xx ILLEGAL CONTROL/LENGTH BYTE	The link driver received an illegal control or length byte via EST ordinal xx from a linked mainframe. The station will automatically attempt to restart the link.	If the error persists, notify system analyst and/or customer engineer.	B,J,S	STD

-CC- EST=xx ILLEGAL COUPLER STATUS nnnnB	The status byte returned from the coupler contained bits other than Busy (bit 2), Receive (bit 1) and Transmit (bit 0) or the driver timed out waiting for the coupler to respond (STATUS=0000). The driver issues a MASTER CLEAR function on the coupler and continues to run.
	  xx EST ordinal
	  nnnn Octal status byte received
		MFSTAT will automatically attempt to restart the link. If the error persists, take a dump and notify system analyst and/or customer engineer.	B,J,S	STD

-CC- EST=xx ILLEGAL DRIVER REQUEST	Either MFSTAT or 1CC issued an illegal request (request code out of range) to the link driver STD. This is an internal station error. It causes the station control point to be aborted. A dump will be taken automatically when the control point is aborted. xx EST ordinal	Print the dump and notify the system analyst.	B,J,S	STD
-CC- EST=xx RECEIVE BLOCK INVALID	A transmission block received via EST ordinal xx from a linked mainframe contained a message with either an illegal length (zero or exceeds station control point field length) or a data block with an illegal length (zero or exceeds transmission block length). The station will automatically attempt to restart the link.	If the error persists, notify system analyst and/or customer engineer.	B,J,S	STD

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
-CC- EST=xx RECEIVE BLOCK LENGTH ERROR	The length of a block being received from the other mainframe was longer or shorter than expected. Probably caused by a hardware malfunction or the other mainframe going down. The driver will continue to run. xx EST ordinal	MFSTAT will automatically attempt to restart the link. If the error persists, take a dump and notify system analyst and/or customer engineer.	B,J,S	STD
-CC-EST = xx SCHT DESTROYED ADDR=addr	The subchannel table for the EST ordinal xx has been destroyed. This is an internal station error. It causes the station control point to be aborted. A dump of the station control point will automatically be taken when it is aborted. addr Octal address in the channel coupler routine (STD) at which the error was detected	Print the dump and notify system analyst.	B,J,S	STD
-CC- EST=xx SEND TRANSMISSION BROKEN	A block transmission to the other mainframe was interrupted before the entire block was sent. Probably caused by a hardware malfunction or the other mainframe going down. The driver will continue to run. xx EST ordinal.	MFSTAT will automatically attempt to restart the link. If the error persists, take a dump and notify system analyst and/or customer engineer.	B,J,S	STD
CCIvv LEVll VARva	Informative message specifying the CCI version (vv), level (ll), variant number (va), after initializing INTERCOM 5.	No action required.	S	1NI
CCI3 HALT=hc	Specifies the 255x halt code hc when an NPU failure occurs.	Record hc and notify system analyst.	S	1NI
CCL100-SEPARATOR FOLLOWING VERB MUST BE COMMA OR LEFT PARENTHESIS	Fatal user error. Separator following verb (such as BEGIN or IFE) in a CCL statement must be a comma or a left parenthesis. Other valid NOS/BE separators are not allowed.	Change separator following verb to a comma or a left parenthesis.	B,J,S	CCL
CCL101-LAST NON-BLANK CHARACTER MUST BE SEPARATOR	Fatal user error. Last character string of card or line was not followed by a separator or a terminator.	To terminate statement, make last nonblank character a period or right parenthesis. To continue statement on next card or line, make last nonblank character a valid NOS/BE separator.	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CCL102-EQUAL SIGN MUST FOLLOW FIRST SYMBOLIC NAME	Fatal user error. First parameter following a SET verb is symbolic name to be set. An equal sign must be separator following symbolic name.	Change separator following symbolic name to an equal sign. Equal sign must be followed by an expression.	B,J,S	CCL
CCL103-STATEMENT INCOMPLETE	Fatal user error. A terminator was detected in a statement immediately following verb.	Check statement format (refer to NOS/BE Reference Manual) and rewrite statement using a comma or left parenthesis after verb.	B,J,S	CCL
CCL104-EXPRESSION AND STATEMENT TERMINATED BY PERIOD OR RIGHT PARENTHESIS	Fatal user error. A CCL expression or verb was followed by a statement terminator instead of a comma. Any of following conditions may produce this error. This message is informative and is issued in conjunction with message CCL123. - The label string parameter was omitted. - A relational or logical operator was delimited by a period on left side only. - An unbalanced right parenthesis appeared in expression. If separator, following verb was a left parenthesis an unbalanced right parenthesis may appear balanced as in this example, IFE(R1+R2)=3,LABEL. It should be terminated by right parenthesis.	Place a comma after expression or verb and add label string parameter. Delimit operator with periods on both sides. If error was caused by a misleading left parenthesis following verb, add a comma immediately after verb. Otherwise recheck all parentheses and balance unbalanced right parenthesis.	B,J,S	CCL
CCL105-TERMINATOR MUST FOLLOW SUBSYSTEM NAME	The SS function must be of the format SS terminator or SS=name terminator.	Correct problem and retry.	B,J,S	CCL
CCL120-ALL CARDS SKIPPED - ENDRUN or REVERT	Fatal user error. In process of skipping, end of control statement record was reached. Skipping was initiated by a CCL statement in either control statement file (ENDRUN) or a procedure (REVERT). Any of following conditions may produce this error. - An IFE, SKIP, or ELSE expression was false and no ENDIF statement terminated resultant skip. - A WHILE expression was false and no ENDW statement terminated resultant skip.	Either add an ENDIF statement with a matching label string or correct existing ENDIF statement. Either add an ENDW statement with a matching label string or correct existing ENDW statement so that WHILE and ENDW label strings match. Precede ENDW statement	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	- An ENDW statement was not preceded by a WHILE statement.	with a WHILE statement.		
CCL121-LABEL STRING MUST BEGIN WITH ALPHA CHARACTER	Fatal user error. First character of a label string must not be numeric.	Change label string on CCL statements to 1 to 7 alphanumeric characters, beginning with an alphabetic character.	B,J,S	CCL
CCL123-ALPHANUMERIC LABEL STRING REQUIRED	Fatal user error. CCL statements ELSE, ENDIF, ENDW, IFE, SKIP, and WHILE require a label string parameter. This message is issued in conjunction with message CCL104.	Refer to message CCL104 for cause and suggested action.	B,J,S	CCL
CCL124-PRECEDING ERR MSG. APPLIES TO FOLLOWING	Informative message. Dayfile message which precedes CCL124 is an error message which was caused by statement printed in dayfile following CCL124.	Refer to error message which precedes this in the dayfile for cause and suggested action.	B,J,S	CCL
CCL125-NUMBER OF CARDS SUPPRESSED = s	Informative message. A statement which CCL is printing from an internal buffer continued over more cards or lines of input than buffer size. CCL prints first three cards or lines, then prints this message to indicate number of cards or lines suppressed, s. Remaining cards or lines of statement follow this message.	No action required.	B,J,S	CCL
CCL126-STATEMENT TERMINATOR MUST FOLLOW LABEL	Fatal user error. Either of following conditions may produce this error. - A label string is last parameter on an ELSE, ENDIF, ENDW, IFE, SKIP, or WHILE statement. It must be followed by a period or a right parenthesis. - A CCL expression contained a comma, and character string that followed was assumed to be a label string.	Terminate CCL statement with a period or a right parenthesis. Either remove comma or replace it with a left parenthesis, depending on nature of error.	B,J,S	CCL
CCL127-LABEL STRING EXCEEDS max CHARACTERS	Fatal user error. Label string parameter on an ELSE, ENDIF, ENDW, IFE, SKIP, or WHILE statement is greater than max characters. max is maximum number of characters defined by installation parameter IP.LCS.	Change label string on CCL statement to a label string with max or fewer alphanumeric characters.	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CCL150-EXPRESSION CONTAINS INVALID OPERATOR o	Fatal user error. o is not a legal operator in preceding CCL statement.	If o is part of a character string, $-delimit character string. If o is an intended operator, refer to NOS/BE Reference Manual for a list of valid operators.	B,J,S	CCL
CCL151-EXPRESSION FORMAT ERROR (IN FILE FUNCTION)	Fatal user error. Format of expression is illegal. Probable cause: use of commas or unbalanced left parentheses within an expression. If error was detected within a CCL FILE function, IN FILE FUNCTION is included in message. FILE function must be of form FILE (lfn,exp), where exp is a valid FILE function.	Check parentheses and balance unbalanced left parenthesis or remove excess commas from FILE function.	B,J,S	CCL
CCL152-POORLY FORMED FUNCTION NUM or DT	Fatal user error with following causes. - Separator after CCL function name is not a left parenthesis or function is not terminated by a right parenthesis. - Character string evaluated by CCL function contained special characters but was not $-delimited.	Correct format of function. $-delimit character string.	B,J,S	CCL
CCL153-ILLEGAL FUNCTION CALL WITHIN FILE FUNCTION	Fatal user error. A CCL NUM or FILE function was called from within a FILE function.	Restructure CCL expression so NUM or FILE function is no longer within a FILE function.	B,J,S	CCL
CCL154-ILLEGAL EXPONENT	Fatal user error. A negative exponent in a CCL expression is illegal.	Remove minus sign preceding exponent.	B,J,S	CCL
CCL155-OPERATOR OR OPERAND SEQUENCE ERROR	Fatal user error with following causes. - Sequence of adjacent operators is illegal. For example, 3*-4 is not allowed. - An operand is adjacent to a left or right parenthesis. Implied multiplication is not allowed. For example, 3(R1+1) is illegal.	Use parentheses to separate adjacent operators. Use an operator to separate operand and parenthesis.	B,J,S	CCL
CCL156-STRING TOO LONG-string	Fatal user error. Listed character string is too long for a CCL expression. A character string may not be longer than 10 characters, excluding $ delimiters for literals.	Shorten character string to 10 characters or less.	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CCL157-UNKNOWN NAME-string	Fatal user error. Alphanumeric character string is not a symbolic name recognized by CCL.	Replace string with a valid symbolic name. Refer to NOS/BE 1 Reference Manual for a list of valid symbolic names.	B,J,S	CCL
CCL158-OPERATOR/TERMINATOR MUST FOLLOW FUNCTION f	Fatal user error. CCL function was properly formed and positioned within CCL statement, but it was not followed by an operator, separator, or terminator. f One of the functions DT, FILE, or NUM	Place an operator, separator, or terminator after function depending on nature of CCL statement.	B,J,S	CCL
CCL159-FIRST PARAMETER INVALID IN SET STATEMENT	Fatal user error. First parameter in SET statement was not one of following symbolic names: DSC, EF, EFG, R1, R2, R3, R1G.	Replace first parameter with a valid symbolic name.	B,J,S	CCL
CCL160-NUMERIC OR LITERAL IN FILE FUNCTION	Fatal user error. Expression of a FILE function may contain only symbolic names defined for function.	Remove numeric or literal character string. Refer to NOS/BE Reference Manual for a list of FILE symbolic names.	B,J,S	CCL
CCL161-STACK OVERFLOW	Fatal user error. Evaluation of an expression overflowed either operator or operand stack.	Check expression for errors and correct. If no errors, either simplify expression or break it apart so that two or more CCL statements have same effect as one.	B,J,S	CCL
CCL163-SUBSYSTEM REFERENCE ERROR	A name referenced by the SS function is samething other than UNDEFINED.	Correct problem and retry.	B,J,S	CCL
CCL200-PROCEDURE NESTING LEVEL lmt EXCEEDED	Fatal user error. Current procedure call forced procedure nesting to exceed limit of lmt, which is defined by installation parameter IP.PNL.	Reposition procedure call statements so limit lmt is not exceeded.	B,J,S	CCL
CCL201-PROCEDURE NAME MORE THAN 7 CHARACTERS	Fatal user error. Procedure name cannot be greater than 7 characters.	Rename procedure.	B,J,S	CCL
CCL203-PROCEDURE FILE NAME NOT SPECIFIED OR INVALID	Fatal user error with following causes. - File name specified on BEGIN statement was greater than 40 characters.	Specify a file name with 40 or fewer characters. Specify a file name.	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	- pfile parameter on BEGIN statement was null, indicating default file name. CCL was installed with IP.DPF default file flag turned off; no default file name is allowed.			
CCL204-MULTIPLE EQUIVALENCE SPECIFICATIONS FOR fk	Nonfatal user error. A keyword fk has been specified more than once on procedure call statement. Last definition prevails.	If first specification is desired, remove second specification. If second specification is desired, no action is required.	B,J,S	CCL
CCL205-FORMAL PARAMETER LIST DOES NOT INCLUDE-fk	Fatal user error. While in equivalence mode, CCL discovered a keyword fk on procedure call statement that was not specified on header statement.	Remove keyword fk from procedure call statement.	B,J,S	CCL
CCL206-SYMBOLIC SPECIFICATION INVALID param	Fatal user error. A parameter, param, on procedure call statement is followed by a plus sign. Plus sign indicates that CCL is to convert value to display code, and is valid only when preceded by a symbolic name and followed by a D, B, or a null field. (Example R1+B is a legal value, but 37+R1 is not.)	If plus sign is part of a character string, $-delimit character string. If plus sign should convert a symbolic name to display code, replace param with a valid symbolic name. Refer to NOS/BE Reference Manual for a list of valid symbolic names.	B,J,S	CCL
CCL207-PROCEDURE NAMED BEGIN IS INVALID	Fatal user error. A procedure must not be named BEGIN.	Select another procedure name.	B,J,S	CCL
CCL211-SPECIFICATION EXCEEDS max CHARACTERS	Fatal user error. Value on a procedure call statement or default value on a procedure header statement is greater than max characters. max is defined by installation parameter IP.SCS.	Specify a value with max or fewer characters.	B,J,S	CCL
CCL212-SEPARATOR INVALID string s	Fatal user error. s is illegal separator and string is character string that precedes s. Any of following conditions produces this error.	Change separator s to a comma.	B,J,S	CCL
		$-delimit character string.		
	- On a procedure call statement, separator preceding a formal keyword or a positionally specified value is not a comma.	Remove #DATA or #FILE from procedure call statement and specify on procedure header statement.		

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	– Invalid separator is part of a character string. If a valid separator immediately precedes illegal separator s, string is null.			
	– #DATA or #FILE has been specified on procedure call statement.			
CCL230–PROCEDURE FILE NOT FOUND	Fatal user error. No local file was found with file name indicated on BEGIN statement. Automatic attach of a permanent file with that name was inhibited by installation parameter IP.ATT.	Check file name for errors and correct. If name is correct, attach file prior to BEGIN statement.	B,J,S	CCL
CCL231–PROCEDURE NOT FOUND	Fatal user error. Local or permanent file indicated on BEGIN statement was found, but CCL could not find procedure on the file.	Check procedure name for errors and correct. If name is correct, check file for procedure.	B,J,S	CCL
CCL234–UNABLE TO LOCATE LIBRARY PARTITION proc	Fatal user error. CCL could not find procedure proc, specified on call-by-name statement, on currently defined library set.	Check procedure name for errors and correct, check library for procedure.	B,J,S	CCL
CCL235–FORMAL PARAMETER GT max CHARACTERS	Fatal user error. Number of characters in a formal keyword on header statement exceeds max, as defined by installation parameter IP.FPC.	Define a formal keyword with max or fewer characters.	B,J,S	CCL
CCL236–SPECIAL DEFAULT SPECIFICATION UNKNOWN	Fatal user error. Equivalence symbol (or under ASCII the pound sign), which specifies a special default option on procedure header statement, must be followed by a known keyword of either FILE or DATA.	If equivalence symbol or pound sign is part of a character string, $-delimit character string. If a special default option is desired, follow equivalence symbol with either DATA or FILE.	B,J,S	CCL
CCL237–SEPARATOR FOLLOWING SECOND DEFAULT IS */*	Fatal user error. In form fk=default/default2/on procedure header statement, second / is illegal.	If / is part of default2, $-delimit character string. If not, either remove it or replace it with a comma or period.	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CCL238-FORMAL PARAMETER LIMIT max EXCEEDED	Fatal user error. Number of formal parameters on procedure header statement has exceeded max as defined by installation parameter IP.FP.	Remove formal parameters from procedure header statement until max or fewer parameters remain.	B,J,S	CCL
CCL239-PROCEDURE HEADER NOT TERMINATED	Fatal user error. Procedure header statement was not terminated by a period.	Terminate header statement with a period.	B,J,S	CCL
CCL250-CONCATENATED STRING EXCEEDS 80 CHARACTERS	Fatal user error. Use of a right arrow (or underline character in ASCII) produced a linked string of more than 80 characters, or a string of 80 characters with a following separator.	Reduce number of linked characters.	B,J,S	CCL
CCL251-DATA COMMAND SPECIFIED CCL FILE-lfn	Fatal user error. File name that user specified on a .DATA command is a CCL work file. lfn File name	Select another file name.	B,J,S	CCL
CCL252-PROCEDURE CONTAINS NO CONTROL STATEMENTS	Informative message. A procedure should contain at least one control statement.	No action required; however, adding at least one control statement would be practical.	B,J,S	CCL
CCL261-ENDW WITH MATCHING LABEL FOUND	Nonfatal user error. CCL encountered an ENDW statement in job control statement record before finding a WHILE statement with a matching label string. A search is initiated for corresponding WHILE statement. If a WHILE statement with a matching label string is found and WHILE expression is true, normal processing continues with statement following WHILE statement. If WHILE expression is false or if no WHILE statement with a matching label string is found, CCL skips all remaining statements in control statement record.	Check for a WHILE statement and add if not present. If present, see if WHILE and ENDW label strings match and are correct. If they match, place WHILE statement before ENDW statement.	B,J,S	CCL
CCL262-CONTINUING SEARCH, PRINTING SKIPPED CARDS	Informative message. To assist in isolation of WHILE statement errors such as CCL261, all skipped statements will be printed in user's dayfile until WHILE search is complete.	No action required.	B,J,S	CCL
CCL263-EXTERNAL ABORT DURING ENDW SEARCH FOR WHILE	An external abort condition (operator drop or time limit) has occurred during CCL ENDW processor search for the WHILE control statement. A REPRIEVE has returned control to CCL and an ABORT is expected to terminate the job step.	Refer to additional messages issued with this one to determine action.	B,J,S	CCL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CCL270-ERR IN CCL WORK FILES REVERT TO JOB FILE	Fatal user error. An error was encountered in a file used by CCL because of user manipulation of procedures or data. An attempt is made to return to user's assigned job file. If unsuccessful, the job terminates. If successful, job aborts and system searches for an EXIT statement.	CCL work files are not designed for user manipulation; user is cautioned against such usage. Rewrite the job and/or procedures without manipulating CCL work files and resubmit.	B,J,S	CCL
CCL271-REVERT NOT ALLOWED WITHIN JOB FILE	Fatal user error. A REVERT statement cannot appear in control statements of job file.	Remove REVERT statement.	B,J,S	CCL
CCL272-INVALID REVERT PARAMETER-param	Fatal user error. Parameter param was used on REVERT statement. REVERT statement allows only ABORT parameter or no parameters.	Remove parameter param or replace with ABORT.	B,J,S	CCL
CCL300-NON-NUMERIC CHARACTER WITHIN NUMERIC TERM	Fatal user error. An element of an expression which begins with a numeric character cannot contain a nonnumeric character except B or D as a post radix.	Remove any nonnumeric characters other than a post radix B or D.	B,J,S	CCL
CCL302-8/9 DIGIT CONFLICT WITH POST RADIX OF B	Fatal user error. An 8 or 9 is illegal in an octal number.	Remove any 8's or 9's if number is octal or remove post radix B if number is decimal.	B,J,S	CCL
CCL303-LITERAL NOT TERMINATED	Fatal user error. A literal which begins with a dollar sign was not terminated by a second dollar sign before end of card or line of input was detected.	Place a second dollar sign at end of character string denoted as a literal.	B,J,S	CCL
CCL304-STRCCL-SCATTER BUFFER HEADER INVALID	Fatal system error. This is an internal CCL problem.	Notify system analyst.	B,J,S	CCL
CEM ADDRESS ERROR	System error; routine CEM called to issue file error message, but with incorrect file environment table address.	Notify system analyst.	B,S	CEM
CEM CALLED WITH ILLEGAL ERROR CODE xxxx	Invalid error code has been detected. The system is put in step mode. Requesting PP is hung.	Notify system analyst. Perform a deadstart dump and attempt a level 3 (recovery) deadstart.	B,J,S	CEM
CEM NOT INSTALLED	CEM user call when ECS not installed.	Remove CEM call and retry.	B,S	CEM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CEM WORKING FLAG NOT SET WHEN CALLED	Informative message indicating a probable software problem. Some error log entries may be lost because of the error, but overall system operation is not affected.	Notify system analyst.	B,J,S	CEM
CERFILE ATTACH FAILED, NEW CYCLE CATALOGED	Informative message.	No action required.	S	TDS
CHcc CHAN COUP ERR	Local communications controller problem on channel cc.	Notify customer engineer.	S	0ZZ
CHcc COUPLERe MALFUNCTION	1FE detected channel error or 2550 front end NPU error on channel cc, equipment e. 1FE also recorded a CE error file message, stopped servicing the NPU, and called 0FA to dump the NPU.	Notify customer engineer.	B,J,S	1FE
CHcc CSM TOO SMALL	LCC problem on channel cc.	Notify system analyst.	S	0ZZ
CHcc FRONT-END DRIVER DROPPED	Channel cc 1FE driver has dropped.	Notify system analyst.	B,J,S	1FE
CHcc LCCy AUTOLOAD/AUTODUMP ERRec	LCCy problem on channel cc. ec Error code	Notify system analyst.	S	0ZZ

CHcc LCCy CONTROLWARE 0ZX mmddyy	Name and version of LCC controlware logged.
	  cc Channel number
	  y LCC name
	  mmddyy Date
		No action required.	S	0ZZ

CHcc LCC DRIVER DROPPED	Informative message. 1ZZ driver dropped. cc Channel number	No action required.	S	1ZZ
CHcc LCC INITIALIZER DROPPED	Informative message. LCC not autoloaded when attempt was made to initialize LCC driver. cc Channel number	No action required.	S	0ZZ

CHcc LCCy MALFUNCTION	Informative message.
	  cc Channel number
	  y LCC name
		Notify system analyst.	S	1ZZ

CHcc LCCy NO LINES DEFINED	Informative message. No lines are defined on LCC.
	  cc Channel number
	  y LCC name
		Notify system analyst.	S	0ZZ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CHcc NPUuu BAD BT=bt	Illegal block type (octal) received from NPU. cc NPU channel uu NPU unit bt Block type	Notify system analyst.	S	OFA 1NI
CHcc NPUuu BAD CLR=clr	Configure line response code (octal) received from NPU. clr is explained within the source code for 1NI. cc NPU channel uu NPU unit clr Configure line response code	Notify system analyst.	S	OFA 1NI
CHcc NPUuu BINARY DMP CATALOGED	A binary dump of NPU has been cataloged as a permanent file. Dump was initiated by an operator command n.X DUMPNPU or by a problem discovered by front-end driver. cc NPU channel uu NPU unit	Notify system analyst.	S	OFA 1NI
CHcc NPUuu DMP LOST PFERR err	A binary dump of NPU could not be cataloged because of permanent file error. cc NPU channel uu NPU unit err Permanent file error	Notify system analyst.	S	OFA 1NI
CHcc NPUuu LOCaddr BAD STATUSstat	Bad data or bad coupler status (octal) found while accessing macromemory location addr (hexadecimal). cc NPU channel uu NPU unit stat Status	Notify customer engineer.	S	OFA 1NI
CHcc NPUuu nNI NOT IN PP DISK LIBRARY	One of 1NI's overlays was not in the peripheral processor library. cc NPU channel uu NPU unit n Overlay number	Notify system analyst.	S	OFA 1NI
CHcc NPUuu NPU LOAD/DUMP ERRec	Error occurred during load or dump of NPU. Individual error codes follow. cc NPU channel uu NPU unit ec Explanation 000-077 Possible NOS/BE INTERCOM software error. 100-177 Possible 2550 NPU software error. 200-277 Possible channel or 2550 coupler error.	For error codes 000-177, notify system analyst. For error codes 200-377, notify system analyst.	S	OFA 1NI

300-377   Possible hardware error.
The following is a detailed list of
these error codes.

ec	Explanation
002	Illegal asynchronous line speed.
003	Illegal terminal definition.
004	Illegal code set in multiplexer subtable.
005	Illegal site field in multiplexer subtable.
006	Error in obtaining pseudo EST ordinal.
010	Driver Communication Area (DCA) is full.
011	Channel is reserved or not in CHARRAY.
012	Channel not reserved or not in CHARRAY.
013	The first word address exceeds the last word address for a dump of macromemory. ordinal.
016	Illegal parameter.
017	Subroutine ordinal is too large.
021	Block length of load is zero.
022	Plock length of load must not be zero.
023	Length of input block is zero.
101	Block end byte does not have bit 11 set to 1.
102	Illegal primary function code.
103	Illegal destination node (DN).
104	Illegal source node (SN).
105	Illegal connect number (CN).
106	Illegal upline command block.
107	Illegal block length.
111	Incorrect port in configuration line response.
114	No NPU response after load.
115	Improper NPU response after load.

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
117	Illegal subport in configuration line response.			
120	Improper status received.			
122	Micromemory dump bootstrap is inactive.			
123	Incorrect configuration line response count.			
124	NPU is down.			
126	No response after micromemory load.			
127	Improper response after micromemory load.			
200	Channel must not be active.			
201	Channel empty too long.			
202	Coupler disconnected the channel.			
203	Coupler did not set status byte for channel.			
204	Attempt to activate channel failed.			
205	Channel is active.			
206	Channel must not be active.			
207	Channel full too long.			
210	Channel must not be active before the IAM command is entered.			
211	Attempt to disconnect channel failed.			
212	Attempt to activate channel failed.			
213	Channel must not be full.			
214	Channel must not be empty.			
215	Channel must not be active after the IAM command is entered.			
216	Channel must not be active.			
217	Coupler disconnect interrupted a read operation.			
220	Coupler disconnect interrupted a read operation.			
221	Attempt to disconnect channel failed.			
222	Attempt to activate channel failea.			
250	Channel must not be active.			
251	Attempt to activate channel failed.			
252	Channel must not be active.			
253	Channel must not be active after entering IAM command.			

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	260 Illegal DN in NPU initialization service message (SM).			
	261 Illegal SN in NPU initialization SM.			
	262 Illegal CN in NPU initialization SM.			
	263 Illegal block type (BT) in NPU initialization SM.			
	264 Illegal primary function code (PFC) in NPU initialization SM.			
	265 Illegal secondary function code (SFC) in NPU initialization SM.			
	270 No NPU response after initialization SM.			
	271 Illegal response after initialization SM.			
	273 Illegal response after initialization SM.			
	300 Improper read of cleared macromemory.			
	301 Disk error.			
	303 Coupler did not disconnect channel soon enough.			
	304 Cannot access macromemory.			
CHcc NPUuu NPU NOT LOADED	Front end macromemory software failed to load. cc NPU channel uu NPU unit	Notify system analyst.	S	OFA 1NI
CHcc NPUuu OF A CTct ILLEGAL	OFA called with illegal call type. cc NPU channel uu NPU unit ct Call type	Notify system analyst.	S	OFA 1NI
CHcc NPUuu UNCONFIGURED	The 255x indicated did not have a multiplexer subtable configuration. cc NPU channel uu NPU unit	Notify system analyst.	S	OFA 1NI
CHcc NPUuu ZZZZZOx NOT IN FNT	PP library directory or file incorrect. cc NPU channel uu NPU unit	Notify system analyst.	S	OFA 1NI
CHcc NPUuu OFx NOT IN PP DISK LIBRARY	Front end macromemory software missing from PP library. cc NPU channel uu NPU channel	Notify system analyst.	S	OFA 1NI

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CHcc SAC ERR STATUS WORD w=xxxx	LCC problem. cc NPU channel w Word number xxxx Status	Notify customer engineer.	S	0ZZ
CHcc SAC MALFUNCTION	1ZZ driver problem. cc NPU channel	Notify customer engineer.	S	1ZZ
CHANNEL ACTIVE ERROR	A channel is still in an active state after an attempt to deactivate it.	Notify system analyst.	D	EBL
CHANNEL cc ALREADY DOWN	Nonfatal operator error. Operator tried to down a channel already down. cc Channel number	Check cc paramter in DOWN, CHcc. type-in for errors. Specify a valid channel.	S	1LC
CHANNEL cc CANNOT BE DOWNED	Nonfatal operator error. Channel cc is not a tape channel.	Check cc parameter in DOWN, CHcc. type-in for errors. Specify a valid channel.	S	1LC
CHANNEL cc CONTROLLER DOWN	System hardware error. Operator cannot correctly load conversion tables to tape controller on channel cc.	Notify customer engineer.	S	1LC
CHANNEL cc DOWN CHANNEL ERROR	System error. Operator attempted to down channel cc, but system could not find it. EST or URT was probably overwritten; memory was destroyed.	Notify system analyst.	S	1LC
CHANNEL cc DOWNED	Fatal hardware error.	Notify customer engineer.	S	1LC
CHANNEL cc NOT AVAILABLE	Multiplexer channel cc is reserved by another software program.	Notify system analyst.	B,J,S	1M1
CHANNEL cc NOT AVAILABLE TO 1WB	1WB could not reserve channel cc.	Notify system analyst.	S	1WB
CHANNEL cc NOT RESPONDING PROPERLY TO 1WB	Error on channel cc.	Notify system analyst.	S	1WB
CHANNEL cc PARITY ERROR	Parity error-I/O channel cc.	Notify customer engineer.	R	1SC
CHANNEL cc PARITY ERROR.	A parity error was detected on channel cc.	Notify system analyst and customer engineer.	D	SCE
CHANNEL cc RETURNED TO SERVICE	Informative operator message. Channel cc has been restored (in next available channel position) to tape ESTs that are associated with channel cc.	No action required.	S	1LC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CHANNEL cc UP CHANNEL ERROR	System error. Operator attempted to up channel cc but system could not find it. EST or URT was probably overwritten; memory was destroyed.	Notify system analyst.	S	1LC
CHANNEL cc WAS NOT PREVIOUSLY DOWN	Nonfatal operator error. Operator attempted to up a channel cc that was not down.	Check cc parameter in UP, CHcc command for errors. Specify correct channel.	S	1LC
CHANNEL cc WAS REMOVED FROM SERVICE	Operator message. Because of a system error, channel cc was removed from appropriate byte of tape ESTs that are associated with channel cc.	When channel becomes available, type UP,CHcc.	S	1LC
CHECK UNuu HIT CR	Problem with tape unit uu.	Check unit for any problems and retry.	D	DTS
CHECKPOINT COMPLETE-QUAD m-n	Operator message. A system checkpoint has been taken in response to a fatal central memory error in quadrant m of CSU n.	Notify customer engineer. It is possible to manually degrade memory to exclude the failing quadrant and perform a checkpoint recovery deadstart.	R	1SC
CHECKPOINT nnnn ON lfn	Informative message giving checkpoint number nnnn and file name lfn. nnnn Checkpoint number	These are parameters to use if a RESTART is to be done from this position of the job.	B,J,S	1RC
CHECKSUM ERROR RB = rb PRU = pru	Conflict between loading checksum and computed checksum. Deadstart will not proceed: rb Record block pru Physical record unit	Notify system analyst.	D	IRCP
CIO CODE NOT DEFINED ON DEVICE	User error. Function code in file environment table is not applicable to device containing file. Return dependent on EP bit setting; error code 30.	Correct problem and retry.	J,S	6WM 4ES
CIO CODE NOT DEFINED ON MAG TAPE	User error. Function code in file environment table is not applicable to device containing file. Returns if EP bit set; error code 30.	Correct problem and retry.	J,S	31M
CIO IS NOT A MEMBER OF THE PP LIBRARY	Informative message.	Correct problem and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CKP FILE UNKNOWN (RST)	Restart not possible because checkpoint file name does not exist.	Notify system analyst.	B,J,S	RST
CKP FROM INTERCOM TERM NOT ALLOWED	Informative message.	Submit job as a batch job.	B,S	CKP
CKP PARAD INVALID, GO OR DROP	Parameter address is less than 100B.	If GO is given, checkpoint will be done as if operator had requested it.	B,J,S	CHECKPT
CKP REQUESTED	CKP begins processing.	No action required.	B,J,S	CKP
CKP TAPE INVALID (RESTART)	Bad records on CKP tape. Checkpoint tape was not mounted or tape was overwritten.	Correct problem and retry.	B,J,S	RESTART
CKP TAPE MUST BE SCOPE STANDARD FORMAT	Cannot be S tape.	Correct problem and retry.	B,J,S	CKP
CKSUM ERROR RC.recno,CD.cardno	Checksum error on binary card. The error is on card cardno in record recno.	User should correct binary card.	J	1IR
CM ADDRESS OUT OF RANGE - OUX	Fatal system software error.	Notify system analyst and retry.	B,J,S	OUX
CM SECDED-QUADRANT m-n DEADSTART ABORTED	Operator message. A double-bit SECDED error has been detected in quadrant m of CSU n.	Notify customer engineer. It is possible to manually degrade memory to exclude failing quadrant and redeadstart.	R	CED
CM WILL BE ALTERED BY LOADING CMR ON -NO- OPTION	Informative message.	No action required.	R	CED
CMC PARITY ERROR	A central memory control (CMC) parity error has occurred.	Notify system analyst and customer engineer.	D	SCE
CMC PARITY ERROR	Address or data parity error - CMC.	Notify customer engineer.	R	1SC
CMR/HARDWARE MISMATCH CMR IS NON-XJ CEJ/MEJ SWITCH ENABLED CARRIAGE RETURN TO CONTINUE	CMR is assembled not to use CEJ/MEJ switch but option is available.	Enter carriage return to continue for systems with CEJ/MEJ option but not ENABLE/DISABLE switch. If this ENABLE/DISABLE switch is preset, it must be set to DISABLE and deadstart repeated.	D	COM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CMR/HARDWARE MISMATCH CMR IS XJ CEJ/MEJ SWITCH DISABLED DEADSTART NEW CMR/XJ SELECTION	When main deadstart option matrix entries are complete and only carriage return is entered, deadstart tests for CEJ/MEJ hardware/software encountered discrepancies. If CEJ/MEJ switch is disabled and CMR is configured for XJ, situation is catastrophic; and this message appears.	Correct CEJ/MEJ switch and then deadstart again.	D	CONTROL
CMR IS NOT A LEGAL SEGMENT NAME	Fatal user error. CMR was specified as a CMRDIR segment.	Remove segment CMR from CMR directory.	B,J,S	LDCMR
CMR LIBRARY SHOULD BE DISK RESIDENT	Informative message.	System library containing CMR binaries should be moved to disk. No need to use ECS or CM space for this library.	B,S	LDCMR
CODED 9 TRACK S/L TAPE FOR INPUT & OUTPUT, OPTIONED CHARACTER CONVERSION RESULTS	Informative message.	No action required.	B,J,S	COPYCF COPYCR
CODED 9 TRACK S/L TAPE OUTPUT-4 8-BIT CHARACTERS GO TO 4 6-BIT CHARACTERS WITH OPTIONED CHARACTER CONVERSION	Informative message.	No action reguired.	B,J,S	COPYCF COPYCR
COMMON BLOCKS NOT PERMITTED-seg	Fatal user error. Segment seg contains a common block.	Remove common blocks from segment seg.	B,J,S	LDCMR
COMPLETE DIRECTIVE WAS NOT FOUND BEFORE INPUT WAS EXHAUSTED	Informative message.	Correct problem and retry.	S	EDITLIB
COMPLETE ENCOUNTERED BEFORE A FINISH	Informative message.	No action required.	S	EDITLIB
COMPLETE ENCOUNTERED BEFORE DSD WAS TRANSFERRED	Fatal error.	No action required.	S	EDITLIB
COMPLETE EVICTD, Daa	Informative message. Issued when all of dependency group aa has been evicted.	No action required.	S	1MH
COMPLETE REQUIRED BEFORE ANOTHER READY	Informative message.	Correct EDITLIB directives and retry.	S	EDITLIB
CON - WAIT FILE NOT BUSY	Informative message.	If message persists, notify system analyst.	B	CON
CONFIGURATION CONFLICT	The system could not locate either the DDT entry associated with a disk EST entry or the TAPES or URT entry associated with a tape EST entry.	Delete the equipment (possibly by memory modification) and re-enter it.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CONFLICT IN LABEL LOGIN TABLE, RUN RECOVER	Fatal system error.	Notify system analyst prior to running RECOVER.	B,J,S	MNT

CONFLICT OF RB rb IN RBR rbr AT RBT LOC addr
 	
OPTIONS-
  GO - CONTINUE THIS RBT CHAIN
  SKIP - SKIP TO NEXT RBT CHAIN
	Informative message.
	  rb Record block
	        number
	  rbr RBR ordinal
	  addr RBT address
		Enter one of the options listed in the message.	D	IRCP

CONNECT ILLEGAL FILE NAME	Illegal character in file name.	Correct problem and retry.	B,J,S	CON
CONNECT PARAMETER OUT OF RANGE	Parameter word not in field length.	Correct problem and retry.	B,J,S	CON
CONNECTED TO scpname	System is attempting to terminate this job which has outstanding connections to scpname. scpname System control point name	Notify system analyst if message persists.	B	SSC
CONTROL CARD ERROR	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
CONTROL CARD ERROR	Fatal user error.	Correct control statement and retry.	B,J,S	LOADPF RELABEL
CONTROL CARD ERROR	Fatal user error. Either control statement has too many parameters, or a parameter exceeds 7 characters or contains illegal characters.	Check number of parameters and remove excess parameters. If control statement contains a valid number of parameters, check for an illegal parameter. Correct parameter either by removing excess or illegal characters, or by $-delimiting character string containing illegal characters.	B,J,S	1AJ
CONTROL CARD ERROR	Fatal user error. Parameters specified caused error in ARG (argument processor COMCARG). -Illegal parameter (not in list or missing). -Illegal size (could not be handled by ARG).	Correct control statement.	B,J,S	SETCCP DMNT DUMPF VSN

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CONTROL CARD ERROR - ACE	Illegal control statement.	Correct problem and retry.	B,J,S	ACE
CONTROL CARD ERROR, DEFAULT MAP SET.	A parameter on a MAP control statement is not a valid option. The default map option set at installation time will be used.	If default parameter is sufficient, ignore message. Otherwise, correct parameter and retry.	B,J,S	LDRCNTL
CONTROL CARD ERROR. FILE COUNT NONNUMERIC	Illegal character encountered in a field that should contain a number. Job terminated.	Correct problem and retry.	B,J,S	COPYXS
CONTROL CARD ERROR (LABEL) param	Error in LABEL control statement. Job terminated. param If there was a parameter in error, it is printed in this field	Correct problem and retry.	B,S	LABEL
CONTROL CARD ERROR - LABELMS	Fatal user error. Parameters specified caused error in ARG (argument processor COMCARG). - Illegal parameter (not in list). - Illegal size (could not be handled by ARG).	Correct control statement.	B,J,S	LABELMS
CONTROL CARD ERROR, NO ACTION TAKEN.	A REDUCE control statement with parameters was encountered.	Refer to the REDUCE control statement in the NOS/BE Reference Manual for the proper format.	B,J,S	LDRCNTL
CONTROL CARD ERROR, NO CKPFILE (RESTART)	RESTART statement has two numbers instead of a number and file name. Job terminated.	Correct problem and retry.	B,J,S	RESTART
CONTROL CARD ERROR, NO NUMBER (RESTART)	Checkpoint number must be put on control statement. Job terminated.	Correct problem and retry.	B,J,S	RESTART
CONTROL CARD ERROR, NUMBER ERR (RESTART)	Checkpoint number must be unsigned and decimal integer greater than zero. Job terminated.	Correct problem and retry.	B,J,S	RESTART
CONTROL CARD ERROR, PARAM CNT (RESTART)	More than maximum of four parameters were specified on RESTART control statement. Job terminated.	Correct problem and retry.	B,J,S	RESTART
CONTROL CARD ERROR - ROUTE	Issued when ROUTE detects an invalid separator, a parameter that specifies a value that has too many characters, or a DEF= parameter.	Correct problem and retry.	B,J,S	ROUTE

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CONTROL CARD HAS NO TERMINATOR	Informative message.	Supply terminator and retry.	B,J,S	PFCCP
CONTROL CARD REWIND (INPUT) IS ILLEGAL	System INPUT file cannot be rewound.	Correct problem and retry.	B,J,S	COPYN
CONTROL PT ERROR FLAG ON	Fatal system error.	Operator and user should consult before rerunning; operator may have dropped or killed job during execution.	B,J,S	MNT
COPYING-type/name	Informative message. The record with the type and name on the old file was copied to the new file.	No action required.		COPYL/ COPYLM
COPYING INPUT TO RANDOM FILE	Informative message. Input is sequential and is copied to a random file for random access.	No action required.	B,J,S	LDCMR
COPYL COMPLETE	Informative message. All records on the old file have been processed.	No action required.	S,J,B	COPYL/ COPYLM
COPYL DID NOT FIND-type/name	Informative message. The record with type and name on the replacement file was not found on the old file. Since the A option was not selected, the record is ignored.	No action required.	S,J,B	COPYL/ COPYLM
COPYXS - INSUFFICIENT FIELD LENGTH	Minimum field length is 12000 octal.	Correct problem and retry.	B,S	COPYXS
COULD NOT INTERLOCK SMT	Hardware problems. Job aborted.	Retry.	B,J,S	RELABEL
COULD NOT READ FLAWS FROM CMR	A fatal system error occurred during deadstart because flaws are not in CMR.	Notify system analyst.	B,J,S	LABELMS
COULD NOT RECOVER ECS AREA TABLE	New ECS system has an ECS parity error in AREA table; it is not possible to add an alternate ECS system.	Run LDCMR, F=0, PO=D. to delete extra ECS space.	B,S	LDCMR
COULD NOT WRITE MEMBER LABEL	Hardware problems. Job aborted.	Retry; then try flawing first PRU of first RB.	B,J,S	RELABEL
COUPLER OR UNIT RESERVED ESTxx CHcc EQe UNuu OPTIONS REP - TRY AGAIN EST - DISPLAY EST	Occurs when a shared coupler or shared unit is reserved by another mainframe during an attempt to read or write. xx EST ordinal cc Channel number e Equipment number uu Unit number	Consult customer engineer for corrective procedures or enter one of specified options.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
COUPLER RESERVED-CHcc (GO/DROP)	Coupler is still reserved by another mainframe after three attempts to engage it on this mainframe. cc Channel number	Enter n.GO to retry; n.DROP to drop the job.	B,J,S	BCLOAD
CPxx CANT SEL 6681	Informative message. xx Card punch EST ordinal	Notify customer engineer if message reappears.	B,J	1IR
CPxx CHAN HUNG FULL	Informative message. xx Card punch EST ordinal	Enter /REWxx to recover file in process. Notify customer engineer.	B,J	1IR
CPxx CHANNEL STATUS ERROR	Informative message. xx Card punch EST ordinal	Enter /OKxx. If message persists, notify customer engineer.	B,J	1IR
CPxx COMPARE ERROR	Informative message. xx Card punch EST ordinal	No action now. Remove offset bad cards from completed deck.	B,J	1IR
CPxx NOT READY	Informative message. xx Card punch EST ordinal	Ready unit.	B,J	1IR
CPxx ON IDLED DOWN EQ	Punch file was lost on idled-down disk. xx Card punch EST ordinal	Note jobname to rerun and enter /OKxx to acknowledge.	B,J	1IR
CP PROGRAMS MAY NOT RESIDE IN THE PP LIBRARY	Informative message.	Correct problem and retry.	S	EDITLIB
CPxx REJECT	Informative message. xx Card punch EST ordinal	No action required.	B,J	1IR
CP TIME LIMIT	Job exceeded CP time limit specified on job statement. Job terminated.	Correct problem and retry.	B,J,S	1EJ RPV
CPxx XMSN PARITY ERROR	Informative message. xx Card punch EST ordinal	No action required. Notify customer engineer if message persists.	B,J	1IR
CPUx P REGISTER PARITY ERROR	PPS detected parity error in CPUx. x CPU number (0 Or 1)	Notify customer engineer.	R	1SC
CPU x P REGISTER PARITY ERROR.	A central processor P register parity error was detected on CPU x. x CPU number (0 or 1)	Notify system analyst and customer engineer.	D	SCE
CRxx CANT SEL 6681	Informative message. xx Card reader EST ordinal	Notify customer engineer if message reappears.	B,J	1IR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CRxx CG ERR - REREAD LAST CARD	Informative message. xx Card reader EST ordinal	Reload last card, ready unit, and enter /OKxx.	B,J	1IR
CRxx CHAN HUNG FULL	Informative message. xx Card reader EST ordinal	Reread deck on another card reader and notify customer engineer.	B,J	1IR
CRxx CHANNEL STATUS ERROR	Informative message. xx Card reader EST ordinal	Enter /OKxx. If message persists, notify customer engineer.	B,J	1IR
CRxx COMPARE ERROR	Informative message. xx Card reader EST ordinal	Reload last card and ready unit.	B,J	1IR
CRxx NOT READY	Informative message. xx Card reader EST ordinal	Ready unit.	B,J	1IR
CRxx ON IDLED DOWN EQ	Input file lost on idled-down disk. xx Card reader EST ordinal	Note jobname to rerun and enter /OKxx to acknowledge.	B,J	1IR
CRxx RE-READ 2 CARDS, TYPE GO	Informative message. xx Card reader EST ordinal	Reload last two cards and enter GOxx.	B,J	1IR
CRxx REJECT	Informative message. xx Card reader EST ordinal	No action required. If message persists notify customer engineer.	B,J	1IR
CRxx 6681 XMSN PARITY ER	Informative message. xx Card reader EST ordinal	If message persists notify customer engineer.	B,J	1IR
CROSSED RB LIMIT EXCEEDED	RECOVER found more than 99 crossed record blocks. Only the first 99 will be listed.	None.	B,J,S	RECOVER
CS=ssss.	A coupler status error has occurred. ssss Status (four octal digits)	Redeadstart. If message persists, inform site analyst.	D	CDX
CSUx ADDRESS PARITY ERROR	Parity error on address from CMC to CSUx. x CSU number (0 or 1)	Notify customer engineer.	R	1SC
CSU x ADDRESS PARITY ERROR.	A CSU address parity error was detected on CSU x. x CSU number (0 or 1)	Notify system analyst and customer engineer.	D	SCE
CSU x FAULT.	A CSU hardware error was detected on CSU x. x CSU number (0 or 1)	Notify system analyst and customer engineer.	D	SCE

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CT ID=ownername PFN=pfn CT CY=cy SN=setname size WORDS	Informative accounting message issued when file is cataloged. ownername owner name pfn permanent file name cy cycle number size file size (decimal) setname set name of device on which file resides	No action required.	B,J,S	6PM
CTI CYLINDER OVERFLOW	CTI overflowed the area reserved on cylinder.	Reinstall CTI on a higher-capacity device.	D	ICD
CTLWARE CHcc-xxxx PNyyyyyyyy (GO/DROP)	Informative message. cc Channel number xxxx Identification code of controlware type Id. Code Controller Type 401A 7152/7154 434A 7021/7152 710A 7054 721A 7155 yyyyyyyy Part number BCLOAD loaded into CM	Enter n.GO to load the controlware; n.DROP to drop the job.	B,J,S	BCLOAD
CUMULATIVE STATUS FAILURE	Cumulative status not returned by 66x tape controller.	Notify system analyst and customer engineer.	B,J,S	3IC
CVL ABORT, EST ERROR ON SWAP-IN EST ORD = xx xx xx xx	The on-line diagnostic job lost the device(s) it has reserved for testing. This message was probably caused by a console entry that changed EST ordinal(s) xx while the job was swapped out.	Rerun job. If error persists, notify system analyst.	B,J,S	CVL
CVL CALL ERROR	Fatal user error. A parameter block address was illegal or not all required parameters were specified on CVL call.	Check parameters for errors and correct. Supply any required parameters that are missing.	B,J,S	CVL
CVL CALL ERROR-NO TAPE ASSIGNED	The job cannot access a tape because the user has requested a tape that hasn't been previously assigned.	Check parameters for errors and correct. Ensure that job has requested the correct tape unit type.	B,J,S	CVL
CVL CALL ERROR--RETURNING WRONG DEVICE	The program attempted to return a device being used by another job.	Check parameters for errors and correct.	B,J,S	CVL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
CVL CALL ERROR-TOO MANY DEVICES	The program attempted to request more than five devices via the CEVAL macro.	Revise program so that no more than five devices are requested at any time.	B,J,S	CVL
CY NO. ALREADY IN USE	Informative message.	Verify whether a duplicate permanent file has been created.	B,J,S	PFC
CY NO. LIMIT REACHED	Conditionally fatal user error (FDB return code=015B). Maximum value of cycle number is 999.	Recycle permanent file cycle numbers using RENAME.	B,J,S	1PD
CYCLE INC. OR DUMPED	Conditionally fatal user error (FDB return code=023B). Error code passed to 1PD by PFA, PFS. Permanent file information for file is incomplete; file not accessible.	Correct problem and retry.	B,J,S	1PD PFA
CYCLE INCOMPLETE OR DUMPED TYPE N.RERUN OR N.DROP	The permanent file to be used for a SCOPE 2 deadstart was an incomplete cycle or was archived to tape.	Drop the deadstart spun off task or rerun it using a different permanent filename, identifier, and cycle.	B,J,S	SOTDS
CYCLE NOT FOUND	System error; conditionally hung PP. Cell D.FNT+9 contains code and status returned by stack processor on PFD read. Issued only when IP.DBUG=1.	Notify system analyst.	B,J,S	1PC
CYCLES DISAGREE	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC
CYCLES NOT EQUAL IN PFD/PFC - OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
CY=cy1 TYPE N.CFO Y/HI OR NEW NO.	The deadstart spun-off task is displaying the cycle number of the permanent file which is to be used for SCOPE 2 deadstart. cy Cycle number	Type n.CFO Y to use cycle number cy1, n.CFO HI to use the highest cycle, or n.CFO cy2 to use cycle number cy2. n is the control point number of the deadstart spun-off task.	B,J,S	SOTDS
CY1 NOT CALLED BY SYSTEM OVERLAY	Fatal user error.	Do not attempt to use PP routine.	B,J,S	CY1
DAM ALLOCATION BAD	Informative message; device allocation map is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DAM BIT TABLE BAD	Informative message. The integrity of the device allocation map for a private set is questionable.	Notify system analyst or owner of private set.	J,S	RECOVER
DAM BIT TABLE BAD GO OR DROP	Informative message. The integrity of the device allocation map for a public set is questionable.	Depending on site procedures, either resume deadstart process with GO or drop the job. Notify system analyst.	B	RECOVER
DAM ORDINAL INVALID AT RBT LOC addr TYPE GO TO CONTINUE	Informative message.	Type GO to end validation of this word pair chain.	D	IRCP
DAM RB CHAIN BAD	Fatal abort. First RB of chain does not match RB number on which it is recorded.	Notify system analyst.	B,J,S	RECOVER
DAM RB COUNT BAD	Fatal abort. Length of chain is different from expected length.	Notify system analyst.	B,J,S	RECOVER
DAM - RBR MISMATCH ON DEVxx device CHcc EQe UNuu VSN vsn OF SN setname RBR ORD rbr RB rb RECOVERY NOT POSSIBLE EXECUTE-RECOVER-ON ANOTHER MAINFRAME AND THEN DEADSTART A LVL 0 OR LVL 1 SYSTEM	A disk table (device allocation map) and a central memory resident table (record block reservation table) disagree on allocation of specified device, xx EST ordinal device Device name cc Channel number e Equipment number uu Unit number vsn Volume serial number setname Set name rbr RBR ordinal rb Record block number	Follow instructions given in message.	D	IRCP
DAM SIZE BAD GO OR DS	System software error. Device set is not recoverable.	Notify system analyst. Type GO to resume deadstart process. Otherwise redeadstart.	B	RECOVER
DATA EXCEEDS MLRS	User error. Data in buffer exceeds maximum logical record size specified in file environment table for S or L tapes. 6WM returns error code if EP bit is set. Fatal or return if EP bit is set.	Correct problem and retry.	J,S	6WM
DATE ERROR	Fatal user error.	Check date parameter in control statement.	B,J,S	LOADPF DUMPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DATE ERROR IN CONVERSION, WORD ZEROED	Informative message.	No action required.	B,J,S	LOADPF
DATE-TIME STAMPS DO NOT MATCH	Running system has a date-time stamp different than LDCMR input file date-time stamp. Input file was preprocessed by LDCMR, but too much time has elapsed before it was used.	Reassemble entire segmented CMR.	B,J,S	LDCMR
DAYFILE ATTACH FAILED, NEW CYCLE CATALOGED	Informative message.	No action required.	S	TDS
DAYFILE DUMPED	Dayfile buffer flushed at this point and dump begun.	No action required.	B,S	1DF
DAYFILE IDLED,ACK. TO PURGE	Operator message. Device on which system dayfile resides is idled; if message is acknowledged, dayfile will be purged.	Enter ACK. to allow dayfile to be purged.	R	TDS
DAYFILE LOST-RMS ERROR	Control point dayfile lost on idled-down device.	Notify system analyst.	B,S	1EJ
DBLE COLON. RC.recno,CD.cardno	Informative message to user. Word ends in zero byte which is not the terminator but may have been intended as double colons. This was detected on card number cardno in record number recno.	No action required.	B,J	1IR
DDAM EOI READ dt CHcc UNuu DEADSTART ABORTED	A level 0 deadstart from an RMS device is not possible. dt Device type (844 or 885) cc Channel number uu Unit number	Deadstart from tape.	D	CONTROL
DDP ERROR - DDP SET OFF, CHcc	DDP error has occurred. DDP on channel cc is now unavailable for system use. cc Channel number	Notify customer engineer. Type ACK. to acknowledge message.	B,R,S	CEM
DDP ON CHANNEL cc IS TURNED OFF	An unrecovered read/write error was encountered or a channel error occurred. The DDP is now unavailable for system use. cc Channel number	Notify customer engineer.	B,S	CEM
DDT CLOBBERED RECOVERY ABORTED	Tables cannot be recovered.	Perform a level 0 or 1 deadstart.	D	IRCP
DDT CPARE ERROR	Fatal system software error.	Notify system analyst.	B,J,S	ADS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DDT ENTRY NOT FOUND - OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
DDT NOT FOUND	System error; conditionally hung PP.	Notify system analyst.	B,J,S	1PC

DEADSTART ABORTED
LOST DATA
PARITY ERROR
D.E.C. dec
ATS CHcc UNuu
or
MTS
	Any or all of the three middle lines may be present. LOST DATA and PARITY ERROR messages probably indicate tape problems. LOST DATA on a 679-7 unit operating at 6250 cpi density may be result of either a non-CYBER 170 channel or a CYBER 170 running at one times PPU speed.
	ATS Advanced tape subsystem.
	MTS Magnetic tape subsystem.
	Either ATS or MTS will appear in the message.
	 dec Detailed error code
	  cc Channel number
	  uu Unit number
		If possible deadstart with a different tape or tape unit. For LOST DATA on a 679-7 unit operating at 6250 cpi density, deadstart on a tape unit other than a 679-7. If problem persists, notify customer engineer.	D	CONTROL

DEADSTART ABORTED BC FUNCTION REJECT
MTS CHcc UNuu
	Message occurs when deadstart tape is mounted on a 66x tape unit; signifies MTS buffer controller is not responding to functions.
	  cc Channel number
	  uu Unit number
		Notify customer engineer.	D	CONTROL

DEADSTART ABORTED FORMAT FUNCTION REJECT MTS CHcc UNuu	Message occurs when deadstart tape is mounted on a 66x tape unit; signifies MTS buffer controller is not responding to functions.
	  cc Channel number
	  uu Unit number
		Notify customer engineer.	D	CONTROL

DEADSTART ABORTED FUNCTION REJECT
MTS CHcc UNuu
or
ATS
	Function was rejected by buffer controller.
	  cc Channel number
	  uu Unit number
		Redeadstart with different tape or unit.	D	MDR

DEADSTART ABORTED RECORD FRAGMENT FRAME COUNT = count
MTS CHcc UNuu
or
ATS
	Deadstart tape has record fragment.
	count Frame count
	  cc Channel number
	  uu Unit number
		Redeadstart with different tape or unit.	D	MDR

DEADSTART ABORTED STATUS FUNCTION REJECT MTS CHcc UNuu	Message occurs when deadstart tape is mounted on a 66x tape unit; signifies general or detailed status function rejected by 66x buffer controller.
	  cc Channel number
	  uu Unit number
		Notify customer engineer.	D	CONTROL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DEADSTART ABORTED UNIT DISCONNECTED MTS CHcc UNuu or ATS	Deadstart tape unit disconnected. cc Channel number uu Unit number	Redeadstart with different tape or unit.	D	MDR
DEADSTART ABORTED UNIT NOT READY MTS CHcc UNuu or ATS	Deadstart tape unit dropped ready status. Tape position lost. cc Channel number uu Unit number	Redeadstart with different tape or unit.	D	MDR
DECIMAL FIELD CONTAINS A NAME	Informative message.	Correct problem and retry.	S	EDITLIB
DELIMITER ERROR OR WORD THRU MISSING	Informative message.	Correct problem and retry.	S	EDITLIB
DELIMITER FOLLOWS A DELIMITER OR RECORD OR FILE COUNT IS MISSING	Informative message.	Correct problem and retry.	S	EDITLIB
DELIMITER MISSING AFTER LITERAL FIELD	A literal must be preceded and followed by a dollar sign ($).	Insert dollar sign following literal and retry.	S	EDITLIB
DELSET COMPLETE	Informative message.	No action required.	J	PFCCP
DESTINATION FILE NAME MISSING	Informative message.	Correct problem and retry.	S	EDITLIB
DEVxx CANT ALLOCATE TABLES	Label processing error message. There is not enough free disk space for disk-resident tables. xx EST ordinal	Delete device. Mount correct device on drive.	D	IRCP
DEV CONFIGURATION INCOMPATIBLE	This pack was created on an operating system prior to NOS/BE version 1.1 and has a record block size that is illegal. For RB sizes less than 57, the following RB sizes are legal: 2, 4, 7, 8, 14, 28, and 56. For RB sizes greater than 55, the following RB sizes are illegal: $$2n * 56 \text{ .LT. } rbsize \text{ .LE. } (2n + 1) * 56$$ where n is an integer.	Initialize pack and reload files.	D	IRCP
DEVxx-NO VSN	Operator error. xx EST ordinal	Enter VSN for device xx.	D	IRCP
DEVICE BUSY	Fatal operator error on RMNT.	Retry RMNT and notify system analyst.	B,J,S	DSM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DEVICE CAPACITY EXCEEDED	Informative message.	Correct problem and retry.	B,S	1PK
DEVICE CONFIGURATION INCOMPATABLE NOTIFY SYSTEMS ANALYST	Fatal error. Member for which mount was issued cannot be mounted at this or later system levels.	Delete member and recreate.	B,J,S	MNT
DEVICE FULL	Informative message. Informs user that file assigned to device has been reassigned to another device for lack of available space.	No action required.	B,J,S	1PK
DEVICE FULL/FILE MAY NOT OVERFLOW	There is not sufficient space on the device to contain the file.	Notify system analyst.	B,S	CEM 6WM
DEVICE IN USE ON ANOTHER MF-GO TO RECHECK OR DROP	Request for operator action during DMNT.	Type GO to recheck or type DROP to drop job.	B,J,S	DMS
DEVICE IS NOT A MUX	INTERCOM problem.	Notify system analyst.	B,J,S	1I1
DEVICE IS NOT ON	Informative message.	Turn on device.	B,J,S	1I1
DEVICE LABEL INCOMPATIBLE	Fatal system software error.	Notify system analyst.	B,J,S	MNT
DEVICE LOGICALLY MOUNTED GO OR DROP	User or operator error.	Type GO when device set is no longer mounted. Typing DROP causes a total user error. RECOVER executes on an unmounted private device set.	B	RECOVER
DEVICE LOST DATA RBR RB PRU DVST CVST ADR-REG rbr rb pru iiii jjjj ccccttss	An error occurred while reading system from tape or writing onto system devices. rbr RBR ordinal rb Record block number pru PRU number iiii General device status jjjj Converter status cccc Cylinder number tt Track number ss Sector number	Redeadstart and enter indicated flaw by using the label modification option.	D	IRCP
DEVICE MOUNTED	Fatal user error; RECOVER executes on an unmounted permanent file set. Device set must not be mounted when RECOVER is issued.	Correct problem and retry.	B,S	RECOVER
DEVICE MOUNTED ON ANOTHER MAINFRAME	Job aborted.	Retry.	B,J,S	RELABEL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DEVICE NOT A MASTER	Fatal user error.	Issue member MOUNT requests after a master MOUNT.	B,J,S	MNT
DEVICE NOT A MEMBER OF SET	Fatal error. No SMT entry for this VSN in this set.	Try mounting correct member or find correct set.	B,J,S	MNT
DEVICE NOT AVAILABLE	Fatal operator error. Mount under DIS (system job) could not find device on-line and could not swap out job.	Place device on-line.	B,J,S	MNT
DEVICE NOT FOUND IN DDT SEARCH-DSM	Informative message.	Notify system analyst.	B,S	DSM
DEVICE NOT IN SET	Job aborted. User or hardware problems in reading SMT.	Notify system analyst.	B,J,S	RELABEL
DEVICE NOT LABELLED	Fatal system error. DDT indicates this is valid member, but mount cannot read a valid label.	Notify system analyst to run recover (debug mode).	B,J,S	MNT
DEVICE NOT MASTER	Fatal system error.	Notify system analyst.	B,J,S	DSM
DEVICE NOT MOUNTED-DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
DEVICE NOT ON LINE	Fatal system error.	Notify system analyst.	B,J,S	MNT RECOVER
DEVICE NOT ON LINE GO OR DROP	User or operator error.	Type GO after master device of device set is on-line. If master device is not on-line, type DROP. This causes a fatal user error.	B	RECOVER
DEVICE REJECT RBR RB PRU DVST CVST ADR-REG rbr rb pru iiii jjjj ccccttss	An error occurred while reading system from tape or writing onto system devices. rbr RBR ordinal rb Record block number pru PRU number iiii General device status jjjj Converter status cccc Cylinder number tt Track number ss Sector number	Redeadstart.	D	IRCP

DEVICE REJECT ON READING table
DEVxx device CHcc EQe UNuu
OPTIONS-
  EST - DISPLAY EST AND RESTART RMS
      LABEL PROCESSING
  REP - TRY AGAIN(ASSUMED)
RBR RB PRU DVST CVST ADR-REG
	Error that occurs in reading specified table from the disk.
	table One of the following tables:
	    DAM
	    LFT
	    PFC
	    PFD
		Enter one of the options listed in the message, and/or notify customer engineer.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
rbr rb pru iiii jjjj kkkkkk	SMT xx EST ordinal device Device name cc Channel number e Equipment number uu Unit number rbr RBR ordinal rb Record block number pru PRU number iiii General device status jjjj Converter status kkkkkk Hardware address			
DEVICE REJECT ON READING LABEL DEVxx device CHcc EQe UNuu RECOVERY NOT POSSIBLE	Informative message. xx EST ordinal device Device name cc Channel number e Equipment number uu Unit number	Redeadstart.	D	IRCP
DEVICE REJECT ON READING LABEL DEVxx device CHcc EQeq UNuu OPTIONS EST - DISPLAY EST AND RESTART RMS LABEL PROCESSING REP - TRY AGAIN(ASSUMED) IDLE- IDLE DOWN THE DEVICE RBR RB PRU DVST CVST ADR-REG rbr rb pru iiii jjjj kkkkkk	System encountered bad label while attempting to read label. xx EST ordinal device Device name cc Channel number e Equipment number uu Unit number rbr RBR ordinal rb Record block number pru PRU number iiii General device status jjjj Converter status kkkkkk Hardware address	Enter one of the options listed in the message, and notify system analyst.	D	IRCP
DIAG SEQ ALREADY ON	Informative message.	No action required.	B,S	APR
DIAG SEQ HAS NO SUCH JOB	Operator message. Job named in SEQ, RUN,nn is not under sequencer control. nn Sequencer table ordinal	Either check nn parameter for errors and correct or see if job nn has been dropped.	B,S	APR
DIAG SEQ JOBnn CONTAINS...	Response to SEQ,LIST,nn. nn Sequencer table ordinal	No action required.	B,S	APR
DIAL SEQ ON	Acknowledges SEQ,ON.	No action required.	B,S	APR
DIAL UNIT uu HIT CR	MTS unit uu was not dialed.	Dial specified unit and press carriage return.	B,S	CONTROL
DIFFERENT DUMP TYPE OR MODE RUNNING	When multiple copies of DUMPF are executing, they must be of same type and mode. The dump type and mode requested will not run until the other dump(s) is finished.	Retry.	B,J,S	DUMPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DIRECTIVE CARD IMAGE EXCEEDS 190 CHARACTERS	Directive too long.	Correct problem and retry.	B,J,S	EDITLIB
DIRECTIVE ERROR	Fatal user error.	Check format of DUMPF or LOADPF input . directives.	B,J,S	DUMP LOADPF
DISCARD NOT ALLOWED FROM A BATCH JOB	The DISCARD command can be entered from INTERCOM only.	Use PURGE control statement in place of DISCARD and rerun job.	B,J,S	DISCARD
DISK COPY OF PNT IS INVALID-SUBMIT FL DUMP WITH PSR.	Fatal error.	Submit dump to system analyst.	S	EDITLIB
DISK PARITY	Bad hardware.	Notify customer engineer.	B,J,S	QUEDUMP
DISK PARITY ERROR	Nonfatal hardware error.	Notify system analyst to determine if some permanent files should be reloaded.	B,J,S	DUMPF
DISK PARITY ERROR IN LOADING FILE TYPE N.CFO RETRY/SKIP/TERMINATE	Nonfatal hardware error.	Type n.CFO RETRY to continue loading file with parity error. Type n.CFO SKIP to skip loading the file. Type n.CFO TERMINATE to terminate LOADPF.	B,J,S	LOADPF
DISK RETRY COUNT ERROR.	The disk retry counter has exceeded its limits.	Notify system analyst.	D	EBL
DISMOUNT COMPLETE	Informative message.	No action required.	B,S	SETCCP
DISP CODE GT 2 CHARS	Disposition code for DISPOSE must be 2 characters.	Correct problem and retry.	B,J,S	DISPOSE
DISP ID GT 2 CHARS	Identifier on a DISPOSE statement must be 1 or 2 characters. DISPOSE statement ignored.	Correct problem and retry.	B,J,S	DISPOSE
DLL COMPLETED BCLOAD	This message is displayed if the controlware has been downloaded without errors. Informative.	No action required.	B,J,S	BCLOAD
DLL ERROR yyyy	yyyy is the code number of an error detected during the execution of DLL. All error output pointers within the error report written to file OUTPUT refer to actual peripheral processor unit addresses within DLL. DLL will leave the I/O channel(s) inactive after	Consult customer engineer for all codes except 17 and 75. For code 17, refer to the parameter descriptions for BCPROC. For code 75, rerun using proper	B,J,S	BCLOAD

MESSAGE	**SIGNIFICANCE**	**ACTION**	**OUTPUT**	**ROUTINE**

most errors. Any channel remaining active after DLL has reported an error is due to the channel's failing to respond properly to a DCN instruction.

controlware binary. If error persists, consult customer engineer.

yyyy   Description

1   BC command START MEMORY LOAD failure. The buffer controller I/O channel remained active for more than 80 milliseconds after DLL issued a start memory load (414B) command to the buffer controller. No additional operations were performed on the buffer controller after this anomaly was detected.

2   BC command OPERATION COMPLETE failure. The buffer controller I/O channel remained active for more than 80 milliseconds after DLL issued an OPERATION COMPLETE (10B) command to the buffer controller. No additional operations were performed on the buffer controller after this anomaly was detected.

3   BC command GENERAL STATUS failure. The address of channel instruction failure (T71) error output pointer indicates one of the following errors by displaying the address of the code that issued the function that was not answered:

- The buffer controller I/O channel remained active for more than 80 milliseconds after DLL issued a general status command to the buffer controller.

- The buffer controller failed to transmit one

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	word of general status to DLL in response to an IAM instruction, but the I/O channel went inactive.			
	- The buffer controller I/O channel remained active for more than 80 milliseconds after DLL received one word of general status from the buffer controller.			
	- No additional operations were performed on the buffer controller after this anomaly was detected.			
4	DLL to BC output operation failed. Expiration of the deadman timer may have resulted in premature termination of the OAM instruction that was transferring controlware to the buffer controller. The BC lost data (RACTBC) error output pointer contains the number of peripheral processor unit words remaining to be transferred at the time of deadman termination. The channel used for the output operation is inactive.			
5	MTS Conversion Table Load failure. The 1LC error (MTSERR) error output pointer contains the error code returned by 1LC.			
17	Input parameter cards are in error.			
20	Checksum error. Controlware found an incorrect answer while trying to checksum itself immediately after autoload.			
75	General status responded with the indication that the wrong controlware has been loaded.			

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DLL ILLEGAL USER ACCESS	This message appears if the system was not in engineering mode or DLL was called by a user program.	The user must call BCPROC after the operator puts the system in engineering mode.	B,J,S	DLL
DMP ABORTED	DMP found control point error flag set. DMP terminates leaving any output as generated.	Notify system analyst.	B,S	DMP
DMP - CANNOT DUMP TO PERMANENT OUTPUT FILE	DMP found an attached permanent file with the filename OUTPUT. No dump will result.	Return permanent file named OUTPUT and retry.	B,S	DMP
DMP - DO NOT HAVE CORRECT PERMISSIONS FOR OUTPUT FILE	User does not have modify and/or extend permissions for filename OUTPUT. No dump will result.	Correct problem and retry.	B,S	DMP
DMP-FL=ZERO	DMP found control point FL=zero.	Notify system analyst.	B,S	DMP
DMP-FWA EXCEEDS FL	Beginning parameter is not within job field length. No dump will result.	Correct problem and retry.	B,S	DMP
DMP-FWA EXCEEDS LWA	Beginning parameter exceeds ending parameter. No dump will result.	Correct problem and retry.	B,S	DMP
DMP-FWA EXCEEDS 377777B	The beginning parameter exceeds 377777B. No dump will be taken.	Correct problem and retry.	B,S	DMP
DMP-LWA EXCEEDS FL-FL SUBSTITUTED	Ending parameter (last-word parameter) is greater than job field length. Field length is substituted and dump is made.	No action required.	B,S	DMP
DMP-LWA EXCEEDS 377777B	The ending parameter exceeds 377777B. No dump will be taken.	Correct problem and retry.	B,S	DMP
DMP-PARAM WD ADDRESS OUTSIDE FL	Parameter word address is outside job field length. No dump will result unless job FL is changed while DMP is operating and error is detected while DMP is attempting to set complete bit.	Correct problem and retry.	B,S	DMP
DMPF - SIMULATE EOT DUE TO TAPE PARITY ERROR	Nonfatal hardware error.	Mount another tape so dump can continue.	B,J,S	DUMPF
DMPQ/RESQ NOT CONTROL CARD CALLABLE	Fatal user error.	DMPQ/RESQ should be called from console.	B,J,S	XDQ
DO NOT USE CFO COMMAND TYPE N.RERUN OR N.DROP	The deadstart spun off task received a CFO command after it had encountered an error that required a DROP or RERUN.	Drop the deadstart spun off task or rerun it using a different permanent filename, ID, and cycle.	B,J,S	SOTDS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DRIVER ALREADY ACTIVE ON CHANNEL cc	INTERCOM problem. cc Channel number	Notify system analyst.	B,J,S	1I1
DROP	Dayfile message issued if operator responded DROP to a EDITLIB GO/DROP message.	No action required.	S	EDITLIB
DROP DIS, IF UP/N.UNLOCK	Operator error.	Make job swappable by unlocking it.	B,J,S	1PG SPF 2ST
DROP FORCED BY DEADSTART RECOVERY	User job which could not be rerun was at a control point during deadstart recovery; job was dropped.	Retry job.	B,S	TDS
DROP INTERCOM THEN TYPE n.GO.	LDCMR and INTERCOM are incompatible since LDC is trying to move directory.	Either drop job or drop INTERCOM.	B	LDC
DS SPECIFIED IN NON-POST-DEADSTART MODE	Fatal user error. DS parameter was specified in MNT call which is only valid in postdeadstart mode.	Correct problem and retry.	B,J,S	MNT
DSD WAS TRANSFERRED BEFORE INTERVAL OR COUNT SATISFIED	DSD is the last deadstart record. Some records may have been omitted.	Correct EDITLIB directives and retry.	S	EDITLIB
DSDUMP-ANALYZING CRASH FILE	Informative message indicating that the dump tape contents have been transferred to the crash file and are being analyzed, or the contents a previsously formatted crash file are being analyzed.	No action required.	B,J,S	DSDUMP
DSDUMP-ERROR(S) IN DIRECTIVES	There is an error in one or more directives.	Correct the faulty directive(s) and retry.	B,J,S	DSDUMP
DSDUMP--INVALID TAPE	DSDUMP T parameter is assigned to an empty tape or a nonexistent file.	Correct and retry.	B,J,S	DSDUMP
DSDUMP-LOWCORE WAS OVERWRITTEN	A dump of the system was written in lowcore. Certain default values are substituted for those found in lowcore.	No action required. Refer to the NOS/BE System Programmer's Reference Manual for a list of default values.	B,J,S	DSDUMP
DSDUMP-NORMAL TERMINATION	Informative message.	No action required.	B,J,S	DSDUMP
DSM ALLOCATION BAD	Informative message; deadstart recovery record block number is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DSMOUNT OF PUBLIC DEVICE IS ILLEGAL	Fatal user error. User attempted to DSMOUNT a public device set.	Remove incorrect DSMOUNT control statement and run job again.	B,J,S	DSM
DSP ABORTED BY SYSTEM	System error.	Notify system analyst.	B,J,S	DSP
DSP COMPLETE BIT ALREADY SET	User specified a bad parameter block with ROUTE macro. Job is aborted.	Correct problem and retry.	B,J,S	DSP
DSP ERROR CODE ec (GENLDPF)	DSP has returned error code ec. The error codes are described in section 7 of the Reference Manual.	Correct problem and retry.	B,J,S	GENLDPF
DSP ERROR CODE ec (QUEDUMP)	DSP has returned error code ec. The error codes are described in section 7 of the Reference Manual.	Correct problem and retry.	B,J,S	QUEDUMP
DSP ERROR CODE ec (TLOAD)	DSP has returned error code ec. The error codes are described in section 7 of the Reference Manual.	Correct problem and retry.	B,J,S	TLOAD
DSP PARAMETER OUTSIDE FL	Parameter block specified by ROUTE macro is outside user's field length.	Correct problem and retry.	B,J,S	DSP
DST dd CONTROLWARE CONFLICT OPTIONS- PAS - BYPASS AUTOLOAD OF BC GO - LOAD CONTROLWARE EST - DISPLAY EST	Operator message. Controlware currently running in controller with DST ordinal dd does not match controlware specified for that controller. Either controller types (7054, 7154, or 7155) do not match, or revision levels of controlware differ.	Type EST to return to EST display and check for errors in revision levels or controller types. Controlware to be loaded is not loaded into controller when a PAS response is given. This response should be given when controlware levels differ or are incompatible. A GO response should be given when controlware levels are compatible.	D	IRCP
DST dd CONTROLWARE OMITTED OPTIONS- PAS - BYPASS AUTOLOAD OF BC RMS - RETURN TO RMS DISPLAY	Operator message. Controlware specified for autoloading into RMS controller assigned to DST ordinal dd is not present on deadstart tape.	Operator should respond by typing PAS if no controlware is to be loaded. Type RMS to return to RMS display and check for errors.	D	IRCP
DST dd CONTROLWARE TYPE ERROR OPTIONS- PAS - BYPASS AUTOLOAD OF BC RMS - RETURN TO RMS DISPLAY	Operator message. Controlware specified for autoloading into controller assigned to DST ordinal dd is wrong type for that controller. The controlware should match as follows:	Operator should respond by typing RMS to return to RMS display and check for errors. PAS should be typed if controlware is correctly specified.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	Controller Controlware 7054 *OSY* binary 7152 *OSY* binary or *OSZ* binary 7154 *OSZ* binary 7155 *OSJ* binary	Controlware is not loaded.		
DTdt NOT READY TYPE GOxx TO IGNORE	MT not ready at EOJ to honor SAVE parameter. dt Device type xx Est ordinal	Type GO to ignore not ready state.	B	1EJ
DUMP COMPLETE	Informative message.	No action required.	B,J,S	DUMPF
DUMP FORMAT ERROR OR EMPTY FILE	Dynamic dump file not formatted properly or empty.	No action possible.	B,J,S	LISTCID
DUMP KILLS LCC TERMINALS. TYPE N.GO TO DUMP LCC ELSE N.DROP	Informative message.	Operator should notify LCC terminal users before typing n.GO. If LCC terminal users should not be interrupted, type n.DROP.	B,J,S	LCD
DUMP KILLS NPU TERMINALS. N.GO DUMPS NPU ELSE TYPE N.DROP	Informative message.	Type n.GO to stop NPU terminal activity and to dump 2550 front end NPU. The NPU services terminals again only if it is autoloaded by typing INTERCOM,xx where xx=NPU EST ordinal. Type n.DROP to prevent interruption of terminal service.	B,J,S	LCD
DUMPF ABORT - INVALID VSN*	Conditionally fatal user error.	Supply a correct VSN for DUMPF utility.	B,J,S	DUMPF
DUMPF ABORTED - SYSTEM I/O ERROR	Fatal system error.	Notify system analyst.	B,J,S	DUMPF
DUMPING pfn	Informative message. pfn Permanent file name	No action required.	B	DUMPF
DUMPLCC DROPPED BY OPERATOR	Informative message.	No action required.	B,S	DUMPLCC
DUMPLCC NOT CONTROL CARD CALLABLE	Informative message.	No action required.	B,S	DUMPLCC
DUMPNPU DROPPED BY OPERATOR	Informative message.	No action required.	J,S	LCD

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DUMPNPU NOT CONTROL CARD CALLABLE	Informative message.	If DUMPNPU is required, issue call from console.	J,S	LCD
DUMTAPE IS NOT STRANGER FORMAT-JOB ABORTED	Fatal user error.	Fix DUMTAPE REQUEST statement by inserting S parameter (stranger tape) and resubmit job.	J	LOADPF DUMPF
DUPLICATE DEVICE ON-LINE, VSN=vsn TYPE GO WHEN JUST 1 AVAIL. SN=setname	Informative message. vsn Volume serial number setname Set name	Determine which device is to be used and OFF or DMNT other device with same SN/VSN. Type n.GO.	B	MNT
DUPLICATE ENTRY POINT NAME – ep	Fatal user error. Entry point ep has occurred in a previous segment or is defined in T.ENTRY table.	Change duplicate segment entry point to a different entry point. If problem is in T.ENTRY table, change entry there.	B,J,S	LDCMR
DUPLICATE EQUIPMENT NUMBERS	INTERCOM problem.	Notify system analyst.	B,S	1I1
DUPLICATE FILE NAME	REQUEST statement asks for new file name, but it is already at a control point.	Specify a file name that is not local to job.	B,S	REQUEST
DUPLICATE FILE NAME-lfn	A file used by job being RESTARTED is already in use. Job is aborted. lfn File name	UNLOAD file before calling RESTART.	B,J,S	RESTART
DUPLICATE KEYWORD	Informative message.	Correct problem and retry.	J	PFCCP
DUPLICATE LF PARAMETER	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
DUPLICATE LFN	Fatal user error. File name already exists.	Correct problem and retry.	B,J,S	NSV
DUPLICATE LFN-OUX	Fatal system software error.	Notify system analyst and retry.	B,J,S	OUX
DUPLICATE LOCAL SN	System attempted to create a master when set already was mounted at control point, or at control point zero.	DSMOUNT the other set before attempting the ADDSET again.	B,J,S	ADS
DUPLICATE MASTERS FOR SN setname ENTER EITHER EST – DISPLAY EST AND RESTART RMS LABEL PROCESSING OR ONE OF THE FOLLOWING VSN-S TO SELECT THE CORRECT MASTER vsn1 vsn2	Packs mounted are not compatible with configuration or operator made a mistake in reconfiguring RMS devices. setname Set name vsn Volume serial number	Correct problem and retry, or notify system analyst.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
DUPLICATE PARAMETERS	Refers to FLAW and FREE type-ins and to assembled CMR flaws.	Enter one of the options listed on the left screen.	D	IRCP
DUPLICATE PROGRAM IN CMRDIR - prog	Informative message. User has entered program prog more than once in CMRDIR. Last entry is used.	If a duplicate entry other than last entry is preferred, retain preferred entry and remove all other duplicate entries.	B,J,S	LDCMR
DUPLICATE PROGRAM IN INPUT - prog	Informative message. Program prog occurs in input more than once. LDCMR uses last occurrence.	If last entry is not entry desired, remove it.	B,J,S	LDCMR
DUPLICATE PW PARAMETER	Fatal user error.	Remove one PW parameter and retry.	B,J,S	GENLDPF PFLOG
DUPLICATE RMS DEVICE VSN vsn OF SN setname ENTER EITHER EST - DISPLAY EST AND RESTART RMS LABEL PROCESSING OR ONE OF THE FOLLOWING EST ORDINALS TO SELECT PROPER DEVICE xx1 OR xx2 THE OTHER DEVICE IS MADE FREE FOR PRIVATE USE	Informative message. vsn Volume serial number setname Set name xx1 EST ordinal xx2 EST ordinal	Follow instructions given in message.	D	IRCP
DUPLICATE SN PARAMETER	Fatal user error.	Remove one SN parameter and retry.	B,J,S	GENLDPF PFLOG
DUPLICATE VSN PARAMETER	Fatal user error.	Remove one VSN parameter and retry.	B,J,S	GENLDPF
E BLOCKING NOT VALID ON LOWER CYBER	A SCOPE 2 job attempted to use GETPF or SAVEPF to stage a block type E file to or from the NOS/BE system.	Change the block type of the file being staged to something other than BT=E.	B,J,S	SOT
EBLP OUT OF RANGE.	The external boot loader parameter (EBLP) that determines whether to load the operating system, deadstart diagnostics, or maintenance system (if present) is out of range.	Notify system analyst.	D	EBL
EC DISALLOWED ON SETS, EC IGNORED	Informative message. Request is processed as though EC were not a parameter.	No action required.	B,S	REQ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
EC PARAM. INVALID-IGNORED	Nonnumeric value passed in FDB for ECS buffer length in attaching a permanent file.	Correct parameter syntax and retry.	B,S	7ECCOM
ECS COMPARE ERROR. RA+XO=addr WROTE-xxxxxxxxxxxxxxxxxxxx READ -yyyyyyyyyyyyyyyyyyyy	LDCMR has detected a bad write to ECS at location addr. x...x \ octal y...y / digits	Customer engineer should examine ECS if problem continues.	B,S	LDCMR
ECS DEAD	An unrecoverable ECS error occurred during swap in/swap out of direct access ECS. The user job associated with the swap in/swap out is aborted.	Rerun job. Call customer engineer if problem persists.	R	ECS
ECS EMPTY PAGE STACK BAD TYPE GO TO CONTINUE	Deadstart recovery encountered a bad empty stack entry.	Type GO to recover valid entries.	D	IRCP
ECS ERROR	Access to ECS from CPMTR is unsuccessful.	Notify system analyst.	B,S	CEM
ECS ERROR	An extended core storage (ECS) hardware error has occurred.	Notify system analyst and customer engineer.	D	SCE
ECS ERROR ADDRESS addr BIT yy WAS t	System detected ECS error while loading ECS. Segment bit yy (decimal) at ECS address addr(octal) has value of t but should be the opposite value. Error has been recorded and corrected by system. If numerous messages occur in a short span of time, a nontransient condition probably exists.	Notify customer engineer. Normally, operator idles down system to prepare for deadstart and maintenance.	B,S	CEM
ECS ERROR AT ADDRESS addr	Fatal ECS error occurred during new system load from ECS. The system is now in step mode.	Notify customer engineer.	B	INIT
ECS ERROR LOADING rte	Routine rte (located in ECS resident library) was called and could not be loaded.	Notify system analyst. Rerun job.	B,S	CEM
ECS ERROR NUMBER BAD	System error; routine CEM called with out-of-bounds error code.	Notify system analyst.	B,S	CEM
ECS ERROR ON SWAP FILE	Parity error ocurred on swap file in ECS during swap-in; job terminated.	Notify system analyst. Rerun job.	B,S	CEM
ECS ERROR - RMS PARITY FLAG SET	A descriptor for the routine has RMS parity error flag set. ECS library should not be used.	Notify system analyst.	B,S	CEM
ECS FAILURE AT ADDR, addr	Unrecovered write attempt to ECS has occurred. addr is the last ECS address with an unrecovered write attempt.	Notify customer engineer. Try deadstart recovery. However, ECS may not be	B	ECSSUB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		operable.		
ECS FL TOO SMALL-NEED nnnn(RESTART)	Not enough ECS was requested on job statement. nnnn Number of words needed	Change EC parameter on job statement to request nnnn words of ECS.	B,J,S	RESTART
ECS HARDWARE FAILURE addr	While attempting to load an ECS segment, ECS hardware failure at address addr has occurred. System aborted.	Notify customer engineer.	R	LINKCMR
ECS INDEX ERROR	Read attempt on an ECS-resident random file specified an invalid index.	Correct problem and retry.	B,S	COM 6WM
ECS LABEL ERROR TYPE -CR- TO GO WITH ECS OFF	ECS label is not found or incorrect. Appears during recovery.	Carriage return causes recovery to continue without ECS.	D	IRCP
ECS NOT UP PRIOR TO RECOVERY TYPE GO TO CONTINUE	Informative message.	GO changes 5.Y selection to 5.N and deadstart continues.	B,S	COM
ECS PARITY ERROR	ECS parity error during a system storage move terminated job. Job may be active at a control point or in job initialization phase requesting storage at a control point.	Notify system analyst and retry.	B,J,S	1EJ
ECS PARITY ERROR AT addr	An ECS parity ocurred during storage move of 1000B words at addr.	Record address. Type ACK, to suppress message. Type a period to exit from step mode and resume processing.	R	MTR
ECS PARITY ERROR, DISK COPY LOADED	An ECS parity error ocurred while loading an ECS-resident program; disk copy will be loaded.	No action required.	B,J,S	1AJ
ECS REQUEST IGNORED	Informative message. User may not specify nondefault ECS buffering for a staged-in-file.	Correct problem and retry.	B,J,S	GPF
ECS RESIDENT FILE IS INVOLVED NO CHECKPOINT TAKEN	Checkpoint/restart cannot handle ECS-resident files.	Change residence of file.	B,S	CKP
ECS RESIDENT FILE IS INVOLVED(CKP)	Checkpoint cannot handle ECS-resident files (requested with AX parameter); checkpoint refused.	Change residence of file.	B,J,S	CKP
ECS SYSTEM RPE, ADDR addr	Unrecovered read attempt to ECS has occurred. addr is the last ECS address with an unrecovered read attempt.	Notify customer engineer. Try deadstart recovery. However, ECS may not be	B	ECSSUB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		operable.		

ECS WAS UP PRIOR TO RECOVERY SELECT OPTION
  NO CONTINUE-NO ECS
  UP RESET-ECS UP
	Operator selection of 5.N disagrees with system being recovered.	NO retains 5.N. UP overrides 5.N selection during recovery. UP should be selected if this is a recovery of a system in which ECS was used for I/O buffering or swapping.	D	CONTROL

ECS WRITE ABORT	LDCMR has taken half exit on an ECS write.	Notify system analyst.	B,S	LDCMR
ECS WRITE ERROR(RESTART)	Lower exit taken on WE instruction.	Check to be sure that ECS is in use before RESTARTing job again. If it is, notify system analyst.	B,J,S	RESTART
EDITLIB AND INTERCOM INCOMPATIBLE - DROP EDITLIB OR TYPE INTERCOM, DROP./ N.GO.	The running system is about to be changed, but the operator must drop INTERCOM before the change.	Depending on site procedures, drop EDITLIB or drop INTERCOM and enter n.GO to allow EDITLIB to change the system.	B	MDI
EDITLIB FAILED TO ATTACH THE SYSTEM FILE-ZZZZZO4	Fatal error.	Retry. If problem persists, notify a system analyst.	B,S	EDITLIB
EDITLIB REQUIRES MORE FL	Fatal error.	Remove CM parameter from job statement and retry.	S	EDITLIB
EDITLIB WARNING - GO OR DROP.	Final warning to the operator that EDITLIB is about to change the running system.	Depending on site procedures, enter n.GO to allow the change or n.DROP to disallow the change.	B	MDI
EDITLIB WAS UNSUCCESSFUL IN ITS ATTEMPT TO ATTACH pfn FILE	Informative message. pfn Permanent file name	Retry. If problem persists, notify system analyst.	B,S	EDITLIB
ELM-ARGUMENT ERROR	Processor was called with an illegal device code or error block address.	Correct user program.	B,J,S	ELM
ELM-ERROR LOG MESSAGE LIMIT	User's error log message limit has been exceeded. Error is not logged. Informative.	No action required.	B,J,S	ELM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ELM-USER ECS NOT ASSIGNED	A call was made to report an ECS error. The control point did not have user ECS assigned.	Correct user program.	B,J,S	ELM
EMPTY INPUT FILE	Nonfatal user error. LDCMR input file specified by F=filename parameter on LDCMR statement was empty.	Check F=filename parameter for errors and correct. If correct, check file filename for errors and correct.	B,J,S	LDCMR
END INTERCOM	Informative message.	No action required.	B,J,S	1I1 1BR
END OF REEL ENCOUNTERED	The tape spun off task encountered end e of tape volume while post-staging a tap from SCOPE 2. The spun off task automatically switches to the next tape volume and continues writing.	No action required.	B,J,S	SOTTP
END OF REEL-MOUNT NEXT REEL AND TYPE GO	Informative message.	Mount second tape; type GO and press carriage return.	D	IRCP
END OF TAPE MOUNT NEW REEL HIT CR	End-of-tape reflective spot encountered.	Mount next reel on same unit; press carriage return.	D	IRCP
END QUEUE RECOVERY	Informative message.	No action required.	B,J,S	1QF
ENDRUN ENCOUNTERED BEFORE A COMPLETE	Informative message.	Correct EDITLIB directives and retry.	S	EDITLIB
ENDRUN ENCOUNTERED BEFORE A FINISH	Informative message.	Correct EDITLIB directives and retry.	S	EDITLIB
ENTER GO, NEXT FILE, OR TERMINATOR VIA N.CFO	Informative operator action request.	Enter GO, next file or terminator via n.CFO. This is second message; preceding message gives type of error encountered.	B	QUEDUMP
ENTER TIME TO START INTERCOM	Informative operator action request.	Enter TIME hh.mm.ss. to complete INTERCOM recovery.	S	1I1
ENTRY FOR C.P NOT FOUND IN FNT-DSM	Fatal system software error, setname not found in FNT.	Notify system analyst.	B,J,S	DSM
ENTRY ept IS IN THE WRONG MODE	Fatal user error. A GOTO or CALL was made to entry ept from a segment having a different mode. ept Entry point name	Change mode of either entry or segment that referenced it.	B,J,S	LDCMR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ENTRY NAME ON NOGO NOT FOUND-ept	Entry points do not exist in load. ept Entry point name	Correct problem and retry.		
ENTRY ON LIBLOAD NOT FOUND-ept	Informative message. ept Entry point name	Notify system analyst.		
ENTRY POINT COLLECTION TABLE OVERFLOW	An internal EDITLIB buffer is not large enough.	Enlarge program parameter BUF4S and install new version of EDITLIB.	S	EDITLIB
EOF BEFORE prog FOUND	EOF was encountered before interval was satisfied. prog Program name	Check EDITLIB directive for misspelled program name. Ensure that specified program exists on specified file.	S	EDITLIB
EOF ENCOUNTERED IMMEDIATELY BY COPYCR/COPYBR	Informative message.	Correct problem and retry.	B,S	COPYBR COPYCR
EOF/EOI ENCOUNTERED BEFORE ALL THE RECORDS WERE TRANSFERRED	Informative message.	Check EDITLIB directives and file of transfer records. Ensure proper directives and file. Retry.	S	EDITLIB
EOF FORCED BY OPERATOR	Informative message. Operator did not know VSN of next reel. System will return EOF status level 17 to user.	No action required.	J,S	3IV
EOF WRITTEN	The tape staging spun off task encountered an unrecoverable error while writing a tape. If wrote a default EOF trailer label.	No action required.	B,J,S	SOTTP
EOI ENCOUNTERED AFTER COPY OF FILE lfn RECORD recname	Informative message. lfn File name recname Record name	No action required.	B,J,S	COPYCF COPYBF
EOI ENCOUNTERED AFTER COPY OF FILE lfn	Informative message. lfn File name	No action required.	B,J,S	COPYCF COPYBF
EOI ENCOUNTERED AFTER COPY OF RECORD recname	Informative message. recname Record name	No action required.	B,J,S	COPYBR COPYCR
EOI ENCOUNTERED IMMEDIATELY BY COPYCF/COPYBF	Informative message.	No action required.	B,J,S	COPYCF COPYBF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
EOI ENCOUNTERED IMMEDIATELY BY COPYCR/COPYBR	Informative message.	No action required.	B,J,S	COPYBR COPYCR
EOI/EOF ENCOUNTERED BEFORE LITERAL FIELD TERMINATOR FOUND	Informative message.	Ensure EDITLIB directive record is complete and retry.	S	EDITLIB
EOI/EOF/EOR ENCOUNTERED-NO DATA COPIED	Informative message indicating that the system copied from an empty file or record.	Correct problem and retry.	J,S	COPYBF COPYBR COPYCF COPYCR
EOR ENCOUNTERED AFTER COPY OF RECORD recname	Informative message. recname Record name	No action required.	B,J,S	COPYBR COPYCR
EOR/EOF ENCOUNTERED DURING RECOVERY FROM A SYNTACTICAL ERROR	Informative message.	Ensure EDITLIB directive record is complete and retry.	S	EDITLIB
EOR/EOF ENCOUNTERED ON INPUT DURING THE SCAN OF A COMMENT FIELD	Informative message.	Ensure EDITLIB directive record is complete and retry.	S	EDITLIB
EOR/EOF ENCOUNTERED WHILE IDENTIFYING A DIRECTIVE	Informative message.	Ensure EDITLIB directive record is complete and retry.	S	EDITLIB
EOR/EOF ENCOUNTERED WHILE SEARCHING FOR A DELIMITER	Informative message.	Ensure EDITLIB directive record is complete and retry.	S	EDITLIB
EOV LABEL FORCED BY SYSTEM	Tape mark but no valid EOV label after EOT. System proceeds as if an EOV1 trailer was read.	No action required.	B,J,S	1RP
EOV WRITTEN	The tape staging spun off task encountered an unrecoverable error while writing a tape. It wrote a default EOV trailer label.	No action required.	B,J,S	SOTTP
EPF ABORT - EPF NOT CALLED FROM SYSTEM OVERLAY	Fatal user error.	Do not attempt call of EPF from a user program.	B,J,S	EPF
EPF ABORT - MASTER DEVICE NOT ON	Fatal operator error.	Turn on device.	B,J,S	EPF
EPF ABORT - NO ENTRY IN FNT FOR OSD000	Fatal error.	Notify system analyst.	B,S	EPF
EPF ABORT - NO. OF RBRS EXCEEDS RBRWD BY ec	AUDIT problem. ec File definition block error return code listed on the inside front cover.	Notify system analyst.	B,J,S	EPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
EPF ABORT - NO RBTC ENTRY IN FNT	Fatal system error.	Notify system analyst.	B,J,S	EPF
EPF ABORT - SET NOT MOUNTED	User error.	Notify system analyst.	B,J,S	EPF
EPF ABORT - STACK REQUEST FAILURE	Fatal system error.	Notify system analyst.	B,J,S	EPF

EPF ABORT - SYSTEM ERROR NO.ec	AUDIT problem.
	  ec File definition block error
	      return code listed on the inside
	      front cover.
		Notify system analyst.	B,J,S	EPF

EPF ABORT - VSN INVALID	Fatal system error.	Notify system analyst.	B,J,S	EPF
EPNT LIST OVERFLOW - INCREASE THE SIZE OF BUF4	Fatal error.	Enlarge program parameter BUF4S and install new version of EDITLIB.	S	EDITLIB
EPNT OVERFLOW	More than 2047 entries in entry point name table.	Correct problem and retry.	S	EDITLIB
EPNT OVERFLOW WHILE ADDING PGM prog TO LIBRARY	More than 2047 entries in entry point name table. prog Program name	Correct problem and retry.	S	EDITLIB
EQUIPMENT NOT AVAILABLE - DROP OR RESTART	Status returned from REQ. RESTART stalled because no tape units are available.	Drop job or make unit available and type j.RECHECK.	B	RESTART
EQUIPMENT NOT FOUND IN EST	BCLOAD could not find an appropriate EST entry with a channel specified in the BCLOAD call. The EST entries BCLOAD will consider are MT and NT (but not MT-A and NT-A), AY, AZ, and AJ.	Specify the correct channel number.	B,J,S	BCLOAD
EQUIPMENT NUMBER TOO LARGE	INTERCOM problem. Equipment number greater than seven.	Notify system analyst.	B,J,S	1I1
EQUIVALENCE MEANINGLESS FOR THIS OPTION	Nonfatal user error. A control statement parameter should not be followed by an equal sign, but was.	Remove equal sign and value (if specified) following parameter.	B,J	COMQARG
ERASE LIMIT EXCEEDED	Informative message. System unable to write a good tape mark onto tape. Continues until EOT detected.	No action required.	B,J,S	1WS 1NW
ERASE PARITY ERROR IRRECOVERABLE	Return if EP bit is set. Tape could not be erased completely.	Certify tape and retry. Operator requested to type GO or DROP.	B,J,S	31M
ERRec ESTxx CHcc	Hardware error on RMS device in channel number cc; EST ordinal is xx and octal error code is ec. Refer to RMS Error Recovery in NOS/BE Operator's Guide for error codes.	Idle-down the device and clear error message.	B	7ID CEM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ERR-INVALID IAP COMMAND ORDINAL	User error. Invalid call to peripheral processor routine IAP.	Correct problem and retry.	B,J,S	IAP
ERR-MAC RETURNING ZERO TIME TO EDITOR	Software error in peripheral processor routine MAC.	Notify system analyst.	B,J,S	MAC
ERR 1R2, EC .GE. 8	Software error.	Notify system analyst.	B,J,S	1R2
****ERROR**** DEFINED ECS TO LARGE ECS LABEL PROCESSING WILL BE RESUMED BY CARRIAGE RETURN	Defined ECS field length is larger than available ECS field length.	Press carriage return to accept available ECS field length or reduce ECS field length description.	D	IRCP
ERROR - BUFFER SIZE	Computer buffer size is greater than size of ECS. Bottom of ECS display on left screen.	Correct buffer size.	D	IRCP
ERROR CONDITION NOT CLEARED LAST REQUEST	Fatal error, code 22. File environment table shows that an error occurred on previous function. Program did not clear error status.	Correct problem and retry.	B,J,S	CIO 6WM
ERROR DUPLICATE ENTRY POINT NAME IN PGM NAME program	Fatal error.	Correct problem and retry.	S	EDITLIB
ERROR-ENTER N.CFO FILENAME ON N.CFO TO TERMINATE	Operator action request. Operator error.	Retry.	B	QUEDUMP
ERROR-FILENAME MUST BE 7 CHARACTERS	Operator error.	Retry.	B,J,S	QUEDUMP
ERROR FROM 1WB=pnec ADDR=addr CH=cc	Hardware or software error detected by driver assigned to channel cc. If condition is fatal, EST is turned off. If pn equals 0, ec is error code described in On-Line Maintenance Software Reference Manual. If pn does not equal 0, pn minus 4 is port number (0 to 3) and ec = status returned by multiplexer. pn Port number addr Address in 1WB where error was detected	Notify system analyst.	S	1WB
ERROR IN ARGUMENTS	Fatal error. Illegal argument was specified. Any EXIT(S) processing occurs.	Correct control statement.	S,J,B	ITEMIZE
ERROR IN BLANK LABELING DISK	Nonfatal user error. Error status returned by common deck that reads label. -I/O error. -Checksum error.	User must relabel disk before using the ADDSET command.	B,S	DLM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ERROR IN CLEARING DISK INTERLOCK	Hardware or pack contents error.	Drop job and run RECOVER if this persists for 10 seconds.	B	DLM
ERROR IN EDITLIB DIRECTIVE	User error.	Correct problem and retry.	S	EDITLIB
ERROR IN ENTRY, NUMBER TOO LARGE	The number entered in response to the CYBERLOG display is not within the range of specified numbers for that program step.	Reenter a number in the range of specified values.	L	CYBRLOG
ERROR IN ENTRY, ONLY A SINGLE DIGIT ALLOWED	Something other than a number was entered for a CYBERLOG entry.	Reenter a number in the range of specified values.	L	CYBRLOG
ERROR IN FL(1RC)	Probable system error.	Notify system analyst.	B,J,S	1RC
ERROR IN LABEL READ/WRITE	Fatal system software or hardware error.	Notify system analyst.	B,J,S	DUMPF
ERROR IN LOGICAL PP-S 0-3 DEADSTART ABORTED	Logical peripheral processors 0,1,2, and 3 are used by deadstart and cannot be turned off. Either the operator turned off some of these peripheral processors or CONTROL has detected a hardware problem in a CYBER 70 or Series 6000 peripheral processor. Reconfiguration is not possible.	Notify customer engineer.	D	CONTROL
ERROR IN LOGICAL PP-S 0-3 RECONFIGURE TO REASSIGN LOGICAL PP0	Logical peipheral processors 0, 1, 2, and 3 are used by deadstart and cannot be turned off. Either the operator turned off some of these peripheral processors or CONTROL has detected a hardware problem in a CYBER 170 peripheral processor.	Use peripheral processor memory switches on the deadstart panel to assign logical peripheral processor 0 so that no parity errors occur in logical peripheral processors 0 through 3. Initiate another deadstart and using the Off Processor display, turn off the bad peripheral processors.	D	CONTROL
ERROR IN PARAD (1RC)	Probable system error.	Notify system analyst.	B,J,S	1RC
ERROR IN PARTITION TABLE RECOVERY ABORTED	Informative message.	Another deadstart is required to correct ECS partition table.		

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ERROR IN PFD/PFC READ/WRITE	Fatal system software error. Could not read or write PFD/PFC. Error code was passed to 1PD by PFM routines. (FDB return code=073B.)	Notify system analyst and retry.	J	1PD
ERROR IN READ/WRITE	Fatal system software error.	Notify system analyst.	B,J,S	AUX
ERROR IN READING UFM	Informative message. Utility flaw map could not be read from an 844-21, 844-41, or 885 disk pack.	Notify customer engineer.	B,J,S	LABELMS
ERROR IN ROUTE FUNCTION LFN=lfn	An error was encountered in a ROUTE or DISPOSE macro, or in an RA+1 call to DSP. Error message further describes problem. lfn File name	Correct problem and retry.	B,J,S	DSP
ERROR IN SECOND PPS.	An error in the second peripheral processor subsystem (PPS) has occurred.	Notify system analyst and customer engineer.	D	SCE
ERROR IN TRYING TO LOAD SEGMENT	Cannot load a system overlay.	Notify system analyst.	S	EDITLIB
ERROR IN XL BUFFER FORMAT	User error. Buffer pointer is bad, there is no HDR1 label, or label is not a standard ANSI label. CIO calls 6WM to issue message.	Correct problem and retry.	J,S	6WM
ERROR IN 5TH COPYL PARAMETER	Fatal error; only A, R, and T are recognized parameters. Any EXIT(S) processing occurs.	Correct processing option parameter.	B,J,S	COPYL/ COPYLM
ERROR-INPUT IGNORED	Operator entry is ill-formed or its value exceeds size of ECS.	Correct problem and retry.	D	IRCP
ERROR LOADING - CED -	The deadstart file was built incorrectly.	Redeadstart using a different level or another deadstart file.	D	OSB
ERROR LOADING - DDAM -	Hardware errors were detected when trying to read the deadstart file.	Deadstart from another device.	D	OSB
ERROR,LVL DIRECTIVE NUMBER MESSAGE	A message relative to error detected will accompany this header.	See subsequent message.	S	EDITLIB
ERROR MODE=m,ADDRESS=addr	The program terminated because of CPU program error or CPU hardware error. If m=0 and addr=0, the program attempted an illegal jump to location 0. Refer to MODE control statement in NOS/BE Reference Manual for error modes. m Mode. addr CPU address where error was detected.	Correct problem and retry.	B,J,S	1EJ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ERROR ON THE LINK MEDIUM	The dead dump spun off task detected a fatal error condition while writing data to the link file during a SCOPE 2 dump.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTDP
ERROR READING L.M.	The spooling spun off task detected a fatal error condition while reading data from the link.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTSP
ERROR - RESTORING jobname,q-did/tid	Software error which is being recovered. jobname Name of job or file being transferred. q Queue in which the job or file is located. I Input O Output P Punch E Execute S Special J JANUS did Destination identifier. tid Terminal identifier.	Notify system analyst.	B,J,S	GEMINI
ERROR STATUS ON READ OR WRITE	Fatal system software or hardware error.	Notify system analyst.	B,J,S	MNT
ERROR STATUS RETURNED ON A READ-DSM	Fatal hardware error.	Notify system analyst.	B,J,S	DSM
ERROR STATUS RETURNED ON A WRITE-DSM	Fatal hardware error.	Notify system analyst.	B,J,S	DSM
ERT EXCEEDS MAX. TABLE SIZE. DECREASE THE NO. OF PGM IN THIS LIBRARY	External reference table out of range.	Remove some programs from this library.	S	EDITLIB
-ES- ATTEMPTING AUTO RECOVERY EST=xx	MFSTAT is restarting the link on EST ordinal xx.	No action required.	B,J,S	LINK-ERROR
-ES- COMMAND REJECTED	An operator LOGIN or LOGOUT command was not processed because either a link device was not found for a LOGIN or an active link was not found for a LOGOUT.	If the user is attempting to bring up a link, he must turn on the EST entry for the link device and type LOGIN.	B,J,S	LOGHIM-IN LOGHIM-OUT
-ES- DSP FATAL ERR ec, lfn	Fatal error ec detected by MFSTAT when routing file lfn to the input queue. Values of ec are listed in section 7 of the Reference Manual.	Take steps to save the file on the linked mainframe. Drop MFSTAT to get a dump. Notify system analyst.	B,J,S	CLOSEP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
-ES- DUP PID pid ON EST=xx	The physical ID, pid, of the mainframe on EST ordinal xx is the same as the physical ID of another mainframe already logged in causing the login to fail.	The physical ID of one of the mainframes needs to be changed. Notify a system analyst.	B,J,S	LOGINRP
-ES- EXCESS DATA EST=xx SC=sc MC=mc	A message that exceeded the size of then station's receive buffer was received o a subchannel from a linked mainframe. status table ordinal. The station will automatically attempt to restart the link. xx EST ordinal sc Subchannel mc Message code	If the problem persists notify system analyst and/or customer engineer.	B,J,S	LINK-ERROR
-ES- FNT SPACE CRITICAL WAITING TO ROUTE filename	DSP error 32B detected by MFSTAT when routing filename to the input queue.	Take steps to free FNT space. When FNT space becomes available, the route will occur and the message will be cleared.	B	CLOSEP
-ES- LINK DRIVER ERROR es EST=xx	The link driver detected an error and set an error status in MFSTAT subchannel table. Refer to the MFSTAT dayfile for a more detailed description of the error. es Error status xx EST ordinal	If the error persists, take a dump and notify system analyst and/or customer engineer.	B,J,S	LINK-ERROR
-ES- LINK DRIVER ERROR EST=xx MASTER CLEAR COUPLERS AND LOGIN	The link driver error reported by a previous dayfile message for the link on EST ordinal xx is a FATAL error causing the link driver to stop running.	Clear the error condition on both mainframes: -DCN the channel -Push MASTER CLEAR buttons on 6683/7683 couplers -Type LOGIN to restart the link. If the error persists, take a dump and notify system analyst and/or customer engineer.	B,J,S	LINK-ERROR
-ES- LINK DRIVER HUNG EST=xx ACN OR DCN CHANNEL	The link driver assigned to EST ordinal xx is not responding to MFSTAT requests because it is hung (probably on a couple channel I/O instruction).	Bring up the M display. If the channel for that EST ordinal shows F (full) or E (empty), try to clear it with DCN commands. If the	B,J,S	LINK-ERROR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		channel shows I (inactive) status try to activate it with ACN commands. When the channel is cleared, MFSTAT will restart the link automatically. If the hang condition persists, take a dump and notify system analyst and/or customer engineer.		
-ES- LOGIN. or -ES- LOGIN,d.	MFSTAT is processing an operator LOGIN command. d Last character of physical ID of a linked mainframe	No action required.	B,J,S	LOGHIM-IN
-ES- pid LOGIN EST=xx	MFSTAT has completed the login to mainframe pid on EST ordinal xx.	No action required.	B,J,S	LOGINRP
-ES- LOGIN REJECT EST=xx	The login reply message from the mainframe on EST ordinal xx contained a reject code causing the login to fail.	Take a dump of MFSTAT's field length by dropping MFSTAT and notify system analyst.	B,J,S	LOGINRP
-ES- LOGOUT. or -ES- LOGOUT,d.	MFSTAT is processing an operator LOGOUT command. d Last character of physical ID of a linked mainframe.	No action required.	B,J,S	LOGHIM-OUT
-ES- pid LOGOUT EST=xx	MFSTAT has logged out from mainframe pid on EST ordinal xx.	No action required.	B,J,S	RCVR-ACTIVE
-ES- NO COUPLER FOUND	MFSTAT did not find any link devices (device types CC and CX) in the EST or the devices were not on.	Turn on a link device in the EST and type LOGIN.	B,J,S	INI-TIALIZE
-ES- pid NOT RESPONDING	MFSTAT has not been able to communicate with mainframe pid within the last 30 seconds.	No action required.	B,J,S	ACTSUBC
-ES- REQ FATAL ERROR ec, DT=dt, LFN=lfn TYPE GO OR DROP	Upon making a call to REQ to assign file lfn to device type dt, MFSTAT encountered fatal error ec. Refer to the REQUEST macro in the NOS/BE Reference Manual for more information regarding the error code.	Enter n.DROP to take a dump of MFSTAT's field length. Notify system analyst. If n.GO is entered, the REQ call will be retried.	B,J,S	REQFILE
-ES- pid SYNTAX REJECTED CODE=ec	A syntax table was requested of the linked mainframe pid. Reject error code ec was returned instead. Either the linked mainframe did not have the	If display improvements have been installed, notify a SCOPE 2 analyst. Otherwise, no	B,J,S	SYNTAX

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	display improvement capability or it was turned off. (Refer to common deck CODES in SCOPE 2 for reject error codes.)	action required.		
-ES- pid SYNTAX REJECTED DISPLAY LENGTH .GT. DISNAMESIZE	A syntax table was requested of the linked SCOPE 2 mainframe pid. The request was rejected because the number of words in the display part of the reply was larger than the space allocated in MFSTAT.	Increase the size of DISNAMESIZE (located in common deck COMTUNE).	B,J,S	SYNTAX
-ES- pid SYNTAX REJECTED LENGTH .GT. RECEIVE BUFFER	A syntax table was requested of the linked SCOPE 2 mainframe pid. The request was rejected because the syntax replay length was greater than MFSTAT's receive buffer.	Increase the size of LRGBUF (located in common deck COMTUNE).	B,J,S	SYNTAX
-ES- pid SYNTAX REJECTED NO ZERO WORD AT END OF DISPLAY or SYNTAX	A syntax table was requested of the linked SCOPE 2 mainframe pid. The request was rejected because the display or syntax part of the reply was not terminated by a zero word. This could be caused by an error by the SCOPE 2 system in constructing the reply or by an error in transmission.	Notify a SCOPE 2 analyst.	B,J,S	SYNTAX
-ES- pid SYNTAX REJECTED SYNTAX LENGTH .GT. SYNTAXSIZE	A syntax table was requested of the linked SCOPE 2 mainframe pid. The request was rejected because the number of words in the syntax part of the reply was larger than the space allocated in MFSTAT.	Increase the size of SYNTAXSIZE (located in common deck COMTUNE).	B,J,S	SYNTAX
-ES- UNEXPECTED DATA EST=xx SC=sc	A message was received on subchannel sc from a linked mainframe before processing of the previous message was finished. If the error message appears during LOGIN/LOGOUT command processing or when the link is being recovered, it can be ignored. If the message appears at any other time, the error is caused by an internal software problem. xx EST ordinal	If the error persists, take a dump of MFSTAT's field length and notify system analyst or customer engineer or both.	B,J,S	LINK- ERROR
-ES- WAITING FOR FNT SPACE FOR REQ	Upon attempting to call REQ to make a file assignment, MFSTAT determined that the file name table was full.	Follow site procedures to make file name table space available.	B	REQFILE
-ES- WAITING FOR LINK ON EST xx1 xx2 xx3	MFSTAT is waiting for users to finish logging in on devices with EST ordinals xx1, xx2, and xx3.	None.	B,J,S	INI- TIALIZE LOGHIM- IN

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
EST AND PSEUDO EST TABLE MISMATCH	Either a multiplexer has been added to EST or pseudo-EST table has been damaged.	Run LISTCID to retrieve dumps. Notify system analyst.	S	1BR
EST BUSY I/L PRESET	Fatal user or operator error.	User or operator must ensure that device set on which RECOVER is executing is not in use by any other job.	B,S	RECOVER
EST xx CANT CLR I/L	Hardware error. xx EST ordinal	Drop job if this persists 2 seconds, and run RECOVER or LABELMS.	B	ADS
EST/DST/RBR TABLE CONFLICT RECOVERY ABORTED	Tables cannot be recovered.	Perform a level 0 or 1 deadstart.	D	IRCP
EST ENTRY xx IS BAD RECOVERY ABORTED.	Device type assigned by operator differs from user REQUEST. xx EST ordinal	Perform a level 0 or 1 deadstart.	D	IRCP
EST xx I/L UNCERTAIN	Fatal error. Disk hardware error makes it impossible for ADS to release label interlock. xx EST ordinal	Notify system analyst.	B	ADS
EST IS WRONG DEVICE TYPE. SHOULD xx BE ASSIGNED TYPE N.YES OR N.NO	Device type assigned by operator differs from user REQUEST. xx EST ordinal	Type n.NO to retry.	B,S	REQ
EST NOT IN MOUNT STATUS	Fatal system error.	Notify system analyst.	B,J,S	MNT
EST xx NOT IN PSEUDO TABLE	Multiplexer entry was added to EST while INTERCOM was up. xx EST ordinal	To get a driver up on this multiplexer, drop INTERCOM and bring it up again.	S	1I1
EST xx NOT IN RBR HEADERS TYPE GO TO IGNORE CHAIN	Informative message. xx EST ordinal	Type GO to end validation of current word pair.	D	IRCP
ESTxx NOT LEGAL FOR 1WB	Configuration error. xx EST ordinal	Notify system analyst.	B,S	1WB
EST xx NOT LOADED-TOO MANY LCCS DEFINED	Informative message. Probable system configuration error. xx EST ordinal	Notify system analyst.	S	0ZZ
EST NOT ON/FREE/ALLOCATABLE	Informative message.	Make new assignment: n.PACK E=xxx, VSN=vsn.	B,S	LBL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
EST xx NPU STOPPED	2550 NPU for EST ordinal xx is stopped due to an operator N.X DUMPNPU command or due to a problem discovered by front end driver.	Type ACK.	R	OFA
EST xx NPU STOPPED	255x load has not completed because of a 255x stop. xx EST ordinal	Type ACK. If the driver does not come up, turn the 255x back on and enter INTERCOM xx (same EST ordinal as in message). If the driver still does not come up, notify customer engineer.	S	1NI
EST ORD IGNORED	Informative message. Est ordinal is ignored as a REQUEST parameter.	No action required.	B,J,S	REQ
EST PROBLEM	Fatal system error. EST ordinal is zero or not the ordinal of an RMS device.	Notify system analyst.		RECOVER
EST/TAPES TABLE CONFLICT RECOVERY ABORTED.	Tables cannot be recovered.	Perform a level 0 or 1 deadstart.	D	IRCP
EST VALUE OUT OF RANGE	Fatal system error.	Notify system analyst.	B,S	RECOVER
EST=xx VSN=vsn	Informative message. The operator assigned xx and vsn in response to a LABELMS command. xx EST ordinal vsn Volume serial number	No action required.	B,J,S	LBL
EST xx VSN NOT MATCH	Operator error. xx EST ordinal	Mount correct pack and reassign.	B	ADS
EST xx WAIT EXCLU ACCESS	Informative message given during processing state. xx EST ordinal	No action required if device is in use by any job, by any public set, or by any mainframe. In any other case, run RECOVER (if xx is an existing master) or LABELMS.	B	ADS
EVICT ILLEGAL ON PERMANENT FILE	Return dependent upon setting of EP bit. Error code 32.	Correct problem and retry.	B,J,S	6WM
EX ID = ownername PFN = pfn EX CY = cy SN=setname size WORDS.	Informative accounting message issued when file is extended or altered. ownername owner name pfn Permanent file name cy Cycle number	No action required.	B,J,S	6PM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	setname Set name of device on which file resides size File size (decimal)			
EXCESS TYPE N.CFO response-options	The number of characters typed in on a CFO command to the deadstart spun off task exceeds the maximum for the parameter that was entered.	Retype the command.	B,J,S	SOTDS
EXIT - WITH CONNECTIONS	A system control point has issued an SF.EXIT while connections to user control points exist.	Correct problem and retry.	B,J,S	SSF
EXPIRED FILE DUMP	Informative message.	No action required.	B,J,S	DUMPF
EXPORT ABORT	Fatal error.	Drop EXPORT and re-initialize. Run LISTCID to get dump.	B,J,S	1HS
EXPORT ACTIVE	Informative message.	No action required.	B,J,S	1HS
EXPORT INITIATED	Informative message.	No action required.	B,J,S	EHS
EXPORT NOT CALLED BY SYSTEM ORIGIN JOB	Fatal user error. EXPORT cannot be called by a user program.	EXPORT must be initialized at central site console.	B,J,S	EHS
EXPORT NOT LOADED FROM SYSTEM LIBRARY	Fatal user error. EXPORT does not reside on the system library.	EXPORT must be entered in the system with EDITLIB.	B,J,S	EHS
EXPORT TERMINATED	Informative message.	No action required.	B,J,S	1HS
EXTEND pfn FAILED-PF RETURN CODE ec	Attempt to extend file pfn resulted in FDB return code ec. (Refer to the inside front cover.)	Notify system analyst.	S	TDS
EXTEND FUNCTION UNSUCCESSFUL ON SYSTEM EXTENSION FILE	Informative message.	Notify system analyst.	S	EDITLIB
EXTERNAL REFERENCE COLLECTION TABLE OVERFLOW	An internal EDITLIB table is not large enough.	Enlarge program parameter BUF5S and install new version of EDITLIB.	S	EDITLB
E1200 SPECIFIED - INTERCOM USED (DSP)	DISPOSE of file to E1200 terminal specified but not allowed - INTERCOM used.	Correct problem and retry.	B,J,S	DSP
FAD NOT CALLED BY INTERCOM MUJ	Fatal user error. Peripheral processor routine FAD cannot be called by a non-INTERCOM program.	Run program interactively from a terminal.	B,J,S	FAD

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FAD SYSERR FROM addr	INTERCOM problem.	Notify system analyst.	B,J,S	FAD
FATAL DISK ERROR----TYPE GO	Fatal disk error detected or disk idled down when job swapped in.	Type j.GO. to acknowledge.	B	6SI
FATAL ECS PARITY ERROR - TYPE GO	Fatal parity error detected when job was swapped in from ECS.	Type j.GO. to acknowledge.	B	6SI
FATAL USER CALL	NSV access was attempted by a user program. User program aborted.	No action possible.	B,S	NSV
FDB ADDR ERR	Conditionally fatal user error. FDB address is outside job field length. Error code passed to 1PD by PFM routines.	Correct program that calls permanent file routine.	B,J,S	1PD
FDB ADDRESS INVALID	Conditionally fatal user error. FDB address is outside job field length.	Correct program that calls permanent file routine.	B,J,S	GPF SPF
FDB TOO LARGE	Fatal user error. File definition block is larger than the buffer allocated for it in peripheral processor memory.	Reduce size of FDB and retry.	B,J,S	PFR
FE xx LINE nnn OFF	The 255x has determined that line nnn is out of order and turned it off. xx EST ordinal	Type ACK. Check the indicated line for a hardware problem.	B,J,S	1ND
FET BUFFER POINTER INVALID	Fatal error.	Correct problem and retry.	B,J,S	3IM
FET ERR	Reference to an FET word that is beyond field length. Also issued if FET does not have random bit set or size of FET is too short to include word FET+6.	Correct problem and retry.	B,J,S	LDL
FET/FNT LFN CONFLICT	Fatal system error. The filename in file environment table does not match the file name in file name table.	Notify system analyst.	B,J,S	PAK
FET NOT IN USER FL	Fatal error, code 22.	Correct problem and retry.	B,J,S	3IM
FET OUTSIDE FL	All or part of file environment table outside user field length. Fatal error, code 22.	Correct problem and retry.	B,J,S	6WM
FET/PSEUDO-FET ADDR OUTSIDE USER FL	Fatal system error. Calling routine passed bad file environment table address.	Notify system analyst.	B,J,S	PAK

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FET SIZE LESS THAN MINIMUM ALLOWED	Fatal error.	Correct problem and retry.	J,S	3IM
FET TOO SHORT	Fatal user error, code 22. User file environment table too short to extract necessary information.	Correct problem and retry.	B,J,S	6WM
FETCH NOT ALLOWED FROM A BATCH JOB	The FETCH command can be entered from INTERCOM only.	Use ATTACH control statement in place of FETCH and rerun job.	B,J,S	FETCH
FIELD IS NONNUMERIC ILLEGAL TEXT CARD	Informative message.	Correct problem and retry.	B,J, S	COPYN
FIELD LENGTH OVERRIDE BIT CANNOT BE SET BY THE FL PARAMETER	User error.	Correct problem and retry.	S	EDITLIB
FIELD LENGTH TOO SHORT	User error. Insufficient field lengths specified.	Rerun job with more field length.	B,J,S	RECOVER
FILE ALREADY ATTACHED	Informative message indicating that a permanent file that is attached to the job with a local file name is being purged with a different local file name. For example: ATTACH,A,PFN,ID=X,PW=Y. PURGE,B,PFN,ID=X,PW=Y. Permanent file PFN is purged and local file B exists. However, local file A no longer exists.	No action required.	B,J,S	PFA
FILE ALREADY IN SYSTEM	Conditionally fatal user error. FDB return code=035B. A file already exist in the system; permanent file will not be loaded.	If necessary use REPLACE command or change the name and/or ID of the file to be added.	J	LOADPF LPF 1PD
FILE CCCCCCI MISSING (RST)	Restart is not possible because required file CCCCCCI is missing on checkpoint tape.	Rerun job that generated checkpoint tape.	B,J,S	RST
FILE CONTAINED ON FOLLOWING NO. OF REELS n	Informative message. PF archive file occupies n reels.	No action required.	B,S	DUMPF
FILE COUNT GT 2**18-1	Informative message.	Reduce file count to 2**18-1 or less and retry.	B,S	COPYCF COPYBF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FILE EVICTED BY THE OPERATOR - jobname	jobname was removed from input, output, or punch queues. Mass storage is released.	No action required.	B,S	1MH
FILE FNT NOT FOUND	Fatal error.	Notify system analyst.	B,S	RECOVER
FILE IS BAD ON TAPE. TYPE GO OR DROP.	Parity error encountered in reading tape.	If a backup tape is available, type n.CFO TERMINATE and then use the backup; otherwise, type n.CFO SKIP to continue with the present tape.	B,J,S	LOADPF
FILE pfn IS NOT A LIBRARY	Informative message. pfn Permanent file name	Ensure specified file is a library and retry.	S	EDITLIB
FILE LIMIT EXCEEDED - USE LESS	Informative message.	If number of files cannot be decreased, increase program parameter MFILES and install new EDITLIB version.	S	EDITLIB
FILE MAY NOT RESIDE ON DEVICE ASSIGNED	Fatal error, code 22. Operator assigned incorrect device.	Correct problem and retry.	B,J,S	6WM
FILE NAME CONFLICT.	Fatal error; output file name and binary file name were the same. Any EXIT(S) processing occurs.	Rename either output file or file to be itemized.	B,J,S	ITEMIZE
FILE NAME lfn CONTAINS AN INCOMPLETE BINARY RECORD	Fatal error. lfn File name	Correct problem and retry.	S	EDITLIB
FILE NAME GT 7 CHARS	File name on DISPOSE statement must not exceed 7 characters; statement is ignored.	Correct problem and retry.	B,J,S	DISPOSE
FILE NAME MUST BEGIN WITH AN ALPHABETIC CHARACTER	Informative message.	Correct problem and retry.	B,S	EDITLIB
FILE NAME NOT IN MULTI-FRAME SET (LABEL)	Specified file name not in multifile set. Job terminated.	Correct problem and retry.	B,S	LABEL
FILE NAME NOT SPECIFIED	File name must be specified on a DISPOSE statement. DISPOSE statement is ignored.	Specify file name and rerun job.	B,S	DISPOSE
FILE NAME TOO BIG (RESTART)	Bad file name in control statement.	Correct problem and retry.	B,J,S	RESTART

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FILE NEVER ASSIGNED TO DEVICE	Conditionally fatal user error (FDB return code = 022B). File does not exist.	Ensure that program has created file.	J	1PD
FILE NOT AVAILABLE	An operation was attempted on an unuseable file.	File cannot be used until after level 0 or 1 deadstart. If file is on private pack, run RECOVER.	B,J,S	PFA PFE PFP PFR
FILE NOT CATALOGUED, SN = setname	Informative message. setname Device set name	No action required.	J	1PD
FILE NOT FOUND	Response to ENDP, n.DIR, or STAGE command; file not found.	Correct problem and retry.		DSD
FILE NOT IN SYSTEM	Conditionally fatal user error (FDB return code = 012B). Error code passed to 1PD by PFA. File name typed in with STAGE command could not be located in tape queue.	Check file name for spelling.	J	1PD
FILE NOT IN SYSTEM TYPE N.RERUN OR N.DROP	The permanent file to be used for a SCOPE 2 deadstart was not cataloged on the system.	Drop the deadstart spun off task or rerun it and enter the correct permanent filename, identifier, and cycle.	B,J,S	SOTDS
FILE NOT IN TAPE QUEUE	Illegal name as tape job not in queue.	Correct problem and retry.	B,S	1MH
FILE NOT ON PF DEFAULT SET	Warning message issued to job dayfile only if file being cataloged is on a scratch set and not PF default set.	Message is not issued if file is requested with *PF, *Q, *SD, VSN, DT or AL.	J	1PD
FILE NOT ON PF DEVICE	Conditionally fatal user error (FDB return code = 011B). File does not reside entirely on mass-storage devices designated by installation for permanent files.	Use REQUEST to allocate the file to a permanent file device and retry.	J	1PD PFC
FILE NOT ON QUEUE DEVICE – ROUTE IGNORED	File does not reside on a queue device.	Correct problem and retry.	B,J,S	DSP
FILE ON DISMOUNTABLE DEVICE – ROUTING IGNORED	Neither ROUTE nor DISPOSE can be used with a file residing on a user device set or other dismountable device.	Correct problem and retry.	B,J,S	DSP
FILE ON UNAVAILABLE DEVICE	Fatal system software error. Part of the file being attached resides on a public device that is not presently on-line and logically mounted. File descriptor block return code=043B.	Ask the system analyst why the member of the public set is not online and logically mounted.	J	PFA

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	Refer to the inside front cover for FDB return codes.			
FILE READ IS NOT xxxx CONTROLWARE	The file read did not contain controlware for the controller type specified to BCPROC. xxxx 7021, 7054, 7154, or 7155	Rerun using file, containing appropriate controlware binary.	B,J,S	BCLOAD
FILE READ IS NOT O.S. CONTROLWARE	The file read did not contain controlware for an operating system.	Rerun using file containing appropriate controlware binary.	B,J,S	BCLOAD
FILE RELEASE COUNT BAD	System error; conditionally hung PP.	Notify system analyst.	B,S	1PC
FILE UNAVAILABLE	Conditionally fatal user error (FDB return code = 025B). Error code passed to 1PD by PFM routines. RT parameter in system macro call, but file not available for one of the following reasons: - Requesting job wants exclusive access or other jobs already have exclusive access. - Attached permanent file table is full. - Archived file is temporarily unavailable. - Permanent file utility routine is running.	Retry.	J	1PD
FILES RESIDE ON DEVICE	Nonfatal user error.	Purge all files on involved device.	B,J,S	DLM
FIN ERROR - function name COMPLETE FLAG NON-ZERO	Fatal user error. The user did not set the completion flag to zero in the table specified by the address in the RA+1 request indicated by function name.	Set the completion flag to zero and retry.	B,J,S	FIN
FIN ERROR - function name BAD PARAMETER ADDRESS	Fatal user error. In the RA+1 request on the macro indicated by function name, the user supplied an address less than zero or greater than the job field length.	Correct address and retry.	B,J,S	FIN
FIN ERROR - ENCSF CALLED WITHOUT RECALL	Fatal user error. User made an RA+1 request specifying ENCSF function, but did not set recall flag to one.	Set auto-recall flag to one in RA+1 request and retry.	B,J,S	FIN
FIN ERROR-FILINFO INVALID FILE NAME	Fatal user error. FIN found an illegal file name in the table at the address specified in a FILINFO macro or in an RA+1 request.	Ensure correct address and ensure correct file name in table at that address and retry.	B,J,S	FIN

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FIN ERROR – FILINFO TABLE LENGTH LESS THAN 4	Fatal user error. In the table at the address specified in the FILINFO macro, the user requested a table length less than four.	Specify a table length of four or five and retry.	B,J,S	FIN
FIN ERROR – INVALID FUNCTION CODE	Fatal user error. User did not supply a legal function code on an RA+1 request. Function code must be a number from 1 to 5.	Correct function code and retry.	B,J,S	FIN
FIN – WAIT FILE NOT BUSY	Informative message. FILINFO function cannot end until file is not busy.	If message persists, notify system analyst.	B	FIN
FINDING CONFLICTS	Informative message.	Notify system analyst; files with record block conflicts can be purged and rebuilt.	B,S	RECOVER
FINDING DEVICE	Informative message.	No action required.	B	RECOVER
FINISH AND COMPLETE REQUIRED BEFORE ANOTHER READY	User error. A READY directive was encountered before a FINISH directive and a COMPLETE directive were encountered.	Either add FINISH and READY directives or position FINISH, COMPLETE, and READY correctly.	S	EDITLIB
FINISH DIRECTIVE NOT PROCESSED–EDITLIB WILL CONTINUE	Informative message.	No action required.	S	EDITLIB
FINISH REQUIRED BEFORE A READY	User error. A READY directive was encountered before a FINISH directive.	Either add a FINISH directive or position FINISH and READY correctly.	S	EDITLIB
FINISH REQUIRED BEFORE ANOTHER LIBRARY	User error. A FINISH directive must be processed before another library can be created.	Correct problem and retry.	S	EDITLIB
FIRST CARD NOT NEW, OLD, OR DEBUG.	First input card to PASSWRD must be OLD, NEW, OR DEBUG.	Correct problem and retry.	S,J	PASSWRD
FIRST CHARACTER MUST BE ALPHABETIC IN A LIBRARY NAME	User error. Library name began with a numeric or special character.	Correct problem and retry.	S	EDITLIB
FIRST DMNT ALL MEMBERS	Informative message.	Dismount members before operator dismount of master.	B,S	DSM
FIRST LIBRARY IS NOT CM RESIDENT 1AJ CANT ACCESS	User error.	Make first library CM-resident.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FL INCREASED BY 2000 WORDS TO ACCOMMODATE TABLES	Informative message.	No action required.	S	EDITLIB
FLAW IN SYSTEM AREA	Deadstart is stopped.	Redeadstart and turn off ECS.	D	IRCP
FLAW LIMIT EXCEEDED, addr	The number of unrecovered read and write attempts to ECS has exceeded the flaw limit. addr is the last ECS address with an unrecovered access attempt.	Notify customer engineer. Perform level 0 or 1 deadstart.	B	ECSSUB
FLAW/RBT CONFLICT GO OR DROP	Nonfatal system error. Same RB appears in logical flaw table and in a local file RBT chain.	Notify system analyst. Type GO to proceed.	B,S	RECOVER
FLO VALUE CAN ONLY BE 0 OR 1. FLO VALUE WILL REMAIN UNCHANGED	Informative message. FLO is optional field length override parameter for ADD directive. Default is 0, meaning no override allowed.	To allow override, set FLO=1 on ADD directive. If override is not desired, no action is required.	S	EDITLIB
FLPPn FAILURE	Operator message. First level PPn has encountered a memory parity error or an error stop.	Notify customer engineer.	R	1SC
FLT ALLOCATION BAD	Informative message; physical flaw table is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER
FLW ALLOCATION BAD	Informative message; logical flaw table is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER
FLW RB CHAIN BAD	Fatal error. First RB of chain does not match RB number on which it is recorded.	Notify system analyst.	B,J,S	RECOVER
FLW RB COUNT BAD	Fatal system error. Length of chain different from expected length.	Notify system analyst.	B,J,S	RECOVER
FM AND TM ARE BOTH MASTERS	User error.	Correct problem and retry.	B,J,S	TRANSPF
FM=TM NOT ALLOWED	User error.	Correct problem and retry.	B,J,S	TRANSPF
FNT CALLED BY PROGRAM NOT ON SYSTEM LIBRARY	Fatal user error. Peripheral processor routine FNT must be called by a system origin job.	Stop attempting to perform an illegal function.	B,J,S	FNT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FNT CALLED FROM A NON INTERCOM CONTROL POINT	Fatal user error. Peripheral processor routine FNT cannot be called from a non-INTERCOM control point.	Run program interactively from a terminal.	B,J,S	FNT
FNT FULL	Output file cannot be created, because FNT is full. Loop will continue until empty entry is found.	Attempt to make FNT entries available by dumping queues, waiting for output files to print, or waiting for other jobs to terminate.	B	1EJ
FNT FULL - DROP OR RECHECK	Status from REQ.	Be sure space exists in FNT before typing j.RECHECK.	B	RESTART
FNT FULL - VERIFY IGNORED	FNT is full. Job terminated.	Retry.	J,S	VEJ
FNT LINK ADR ZERO (6PD) LFN lfn	Problem in system table. Flag was set indicating presence of a linked FNT supplement but no link address. lfn File name	Notify system analyst.	B,J,S	6PD
FNT NAME ERROR (1RC)	Probable system error.	Notify system analyst.	B,J,S	1RC
FNT PARAMETER OUT OF RANGE	User error in call to peripheral processor routine FNT.	Correct call to FNT and retry.	B,J,S	FNT
FNT PTR=0, REQ HUNG	System error.	Dump PP and low core and call a system analyst.	B,S	REQ
FO PARAMETER INVALID - IGNORED	Informative message. Value submitted is not one of the following display code values: IS, DA, AK.	Correct problem and retry.	J	PFC
FOLLOWING CONTROL CARD IN ERROR	Control statement contains format error. Following reasons apply: Could not match function name in list of permanent file functions processed by PFCCP. Permanent file manager function name not followed by blank, comma, or left parenthesis. Local file name not followed by comma or terminator. Keyword followed by other than equal sign. Keyword which demands a numeric parameter has an alphabetic parameter. Control statement not properly terminated.	Correct problem and retry.	B,J,S	PFCCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	Permanent file utility function name not followed by blank, comma, left parenthesis, or terminator. Illegal use of dollar sign. Comma or terminator does not follow delimited string.			
FOLLOWING ERROR NOTED AT WORD addr	While a permanent file or tape file was being staged, or while a dump was being received from the linked SCOPE 2 mainframe, an error was detected at word address addr within the file.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTMSG
FOLLOWING FILE HAS 0 LINK ADDRESS, PROCESSING UNCERTAIN lfn	Informative message.	No action required.	B,J,S	QUEDUMP
FORMAT ERR RC.recno,CD.cardno	Invalid CM word count on binary card number cardno in record number recno.	Correct binary card.	J	1IR
FORMAT ERROR	Illegal character typed. EST command is syntactically incorrect. An asterisk is displayed above bad parameter. Message appears at bottom of left screen.	Retry.	D	IRCP
FORMAT UNIT FUNCTION REJECTED	An alternate deadstart to a 67x tape unit is impossible.	Redeadstart.	D	SAD
FORMATS INCOMPATIBLE***COPY UNCERTAIN***	Tape formats selected for input/output files can cause a possible loss of data significance. Job continues.	No action required unless data is lost. In that case correct tape formats.	B,J,S	COPYCR COPYCF
FORMS CODE NOT ALPHANUMERIC - ROUTING IGNORED	Forms code must be two letters or digits.	Correct problem and retry.	B,J,S	DSP
FOURTH PARAMETER SHOULD BE B OR C	Control statement did not indicate binary or coded file.	Correct problem and retry.	B,S	SKIPF SKIPB
FS MUST BE SPECIFIED	User error.	Correct problem and retry.	B,J,S	TRANSPF
FT ILLEGAL ON NON-844 DEVICE - HT MODE ASSUMED	Nonfatal user error. User specified FT recording mode on a device other than an 844 device.	Use HT recording mode.	B,J,S	RELABEL
FT OR HT ILLEGAL FOR THIS DEVICE TYPE	Operator specified FT or HT recording mode for a device other than an 844 device. System ignored FT or HT.	No action required.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
FT PARAMETER ILLEGAL	Fatal user error. User specified FT on MOUNT statement, but either drive has no 7154 controller access or system does not have 2XPPU speed in effect.	Use HT parameter or activate 2XPPU speed and retry.	B,J,S	MNT
FULL DUMP	Informative message.	No action required.	B,J,S	DUMPF
FULL PERMANENT FILE DUMP	Informative message.	No action required.	B,J,S	DUMPF
FUNCTION ATTEMPT ON NONLOCAL FILE	User error (FDB return code = 020B).	Correct program and retry.	J	1PD
FUNCTION ATTEMPT ON NONPERMANENT FILE	User error (FDB return code = 017B).	Correct program and retry.	J	PFM 1PD
FUNCTION ILLEGAL ON MULTI-FILE SET	Fatal user error.	Correct problem and retry.	B,J,S	6WM
FUNCTION RESORT	Fatal hardware error.	Deadstart again. Notify customer engineer if message reapears.	B,D,S	CONTROL
FUTURE RMS D/S NOT POSSIBLE	Informative message indicating that subsequent deadstarts must be done from tape. This message appears only after a level 0 deadstart.	Enter ACK. to continue with this deadstart. To deadstart from an RMS device, CTI must be installed and/or there must be enough room on the system device.	R	TDS
FWA-LWA ERROR	Fatal error. READIN or WRITOUT macro is executing; workspace (sixth word of FET) nonexistent or FET is less than 6 words.	Notify system analyst.	B,J,S	IO COMPARE
GCR CAPABILITY NOT ALLOWED	Tape unit is not 679.	Correct EST entry and retry.	D	IRCP
GENDJ BOMB x...x	Fatal system software error. x...x indicates the cause of the failure.	Notify system analyst.	B,D	GENDJ
GENLDPF ABORT	Informative message.	Refer to accompanying messages.	B,J,S	GENLDPF
GENLDPF COMPLETE	Informative message.	No action required.	B,J,S	GENLDPF
GENLDPF - INVALID MESSAGE CODE	Fatal software error.	Notify system analyst.	B,J,S	GENLDPF
GENLDPF - LPF EXIT CODE ec, FILE SKIPPED	Informative message. The archived header of a file on LOGTAPE was not cataloged. Error code ec indicates the reason.	Consult GENLDPF output listing for name of file skipped.	B,J,S	GENLDPF

ec   Significance

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	1 Archived header already in system			
	2 Password conflict			
	3 File already in system			
	5 No room for extra cycle			
	6 PFD full			
*GENLDPF – LPF/1FC ERR CODE ecB, * FILE SKIPPED	The archived header of a file on LOGTAPE was not cataloged due to a system error. ec FDB return code (refer to the inside front cover.)	Consult GENLDPF output listing for name of file skipped.	B,J,S	GENLDPF
GENLDPF – WAITING FOR FNT SPACE	Informative message.	No action required.	B	GENLDPF
GO/DROP TO WRITE BLANK LABEL	Informative message.	Enter n.GO to write blank label. Otherwise enter n.DROP.	B,J,S	LBL
GOOD COMPARE	Informative message.	No action required.	B,J,S	COMPARE
GOOD MORNING	Informative message. Displayed by 1GM at the start of a new day.	No action required.	S	1GM
GS=ssss.	A general status error has occurred. ssss Status (four octal digits)	Redeadstart. If message reappears, notify system analyst.	D	CDX
HARDWARE – DENSITY CHANGE DURING IO	Fatal error. Hardware density after a read or write operation does not match hardware density prior to operation.	If message reappears notify customer engineer.	J,S	6WM
HARDWARE – NO END OF OP	End of operation is not returned to the PP by hardware.	Notify customer engineer if message reappears.	J,S	6WM
HARDWARE – UNIT HUNG BUSY	A tape unit returned a constant busy status for 10 seconds.	Notify customer engineer if message reappears.	J,S	6WM
HARDWARE – 668x MALFUNCTION	The 6681 or 6684 did not respond to a function within 1 second.	Notify customer engineer if message reappears.	J,S	6WM
HARDWARE – 6681 FAILED NO DATA ON IAN	When an attempt was made to input 6681 or 6684 status or equipment status, no data was received. Channel was inactive.	Notify customer engineer if message reappears.	J,S	6WM
HAS 0 LINK ADDRESS. PROCESSING UNCERTAIN	Linked FNT entry has zero link address.	Notify user that the job may need to be resubmitted.	B,J,S	XDQ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
HDR1 LABEL MISSING	The tape staging spun off task did not find the HDR1 label record in the standard label header records received from SCOPE 2 for a labeled tape.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
HDR1 NOT IN XL BUFFER - CANNOT POSITION MF	Fatal user error.	Correct problem and retry.	J,S	3IM
HDS STATUS OUT OF RANGE - HDS	System software error; bad MTR request.	Notify system analyst.	B,J,S	HDS
HID DOES NOT MATCH SYSTEM RE-ASSEMBLE GEMINI FOR CONFIGURATION	The system identifier in IDT does not match GEMINI installation parameters.	Correct IDT or GEMINI and retry.	B,J,S	GEMINI
HOLL. CHECK RC.recno,CD.cardno	An invalid punch combination was found in a Hollerith card. The card is number cardno in record recno.	User should repunch the card specified.	J	1IR
HT MODE ASSUMED	Informative message. User specified an FT parameter on LABELMS control statement, which is illegal. Operator assumed an HT recording mode and a half-track label was written.	No action required.	B,J,S	LABELMS
I/O CHAN ERR ec	Informative message, where ec is engineering file error code as follows: 01 channel active; should not be 02 channel inactive; should not be 03 channel full; should not be 05 A .NE. 0 after OAM/IAM 12 function reject	LCC will drop. Attempt to bring it up again.	J	OZZ
I/O ERR ec FET addr LFN lfn	Error returned from CIO. Error code ec, FET location, addr, and file name lfn are specified in message.	Notify system analyst.	J,S	EDITLIB
I/O ERROR	Job aborted. Hardware problems.	Repeat job and notify customer engineer.	B,J,S	RELABEL MNT
I/O ERROR (CKP)	Error returned from either REQ or CIO.	Notify system analyst.	B,J,S	CKP
I/O ERROR DEVICE REJECT	Device error. Inhibits deadstart.	Notify customer engineer.		
I/O ERROR DURING COMBINE	Dayfile will have appropriate information from drivers.	Refer to dayfile.	B,J,S	COMBINE
I/O ERROR PARITY ERROR OR LOST DATA	Device error. Inhibits deadstart.	Notify customer engineer.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
I/O ERROR RMS DRIVER OVERLAY NOT FOUND	System or configuration error. Inhibits deadstart.	Notify system analyst.	D	IRCP
I/O ERROR (1RC)	Error returned from either REQ or CIO.	Notify system analyst.	B,J,S	1RC
IAP ASKED TO PASS ILLEGAL COMMAND	User error. Informative message.	Remove illegal command.	B,J,S	IAP
IAP BUFFER OUT OF RANGE	User error. Invalid call to peripheral processor routine IAP.	Correct error and retry.	B,J,S	IAP
IAP CALLED BY PROGRAM NOT ON SYSTEM LIBRARY.	User's program issued an IAP call that required system privileges. The user's program however was not a system origin job.	Correct IAP call and retry.	B,J,S	IAP
IAP CALLED FROM NON INTERCOM CONTROL POINT	User attempted to issue an INTERCOM READ command from a non-INTERCOM control point.	Run program interactively from a terminal.	B,J,S	IAP
IAP PARAMETER OUT OF RANGE	User error. Invalid call to peripheral processor routine IAP.	Correct error and retry.	B,J,S	IAP
IAP UT CONTROL STATEMENT ADDRESS ZERO	System error. Informative message.	Retry.	B,J,S	IAP
ID=ida TYPE N.CFO Y OR NEW ID	The deadstart spun-off task is displaying the identifier ida of the permanent file which is to be used for SCOPE 2 deadstart.	Type n.CFO Y to use ID ida or n.CFO idb to use ID idb. n is the control point number of the deadstart spun-off task.	B,J,S	SOTDS
ID NAME NOT IN INPUT FILES SEARCHED	COPYN routine cannot locate either P1 or P2.	Correct problem and retry.	B,S	COPYN
ID-PFN PAIR ALREADY EXISTS, IGNORED	Informative message. All file information changes will be made except owner-ID and permanent file name changes.	No action required.	B,J	PFR
ILL DUMP TYPE	Fatal user error. The DP parameter is not equal to A, C, or X.	Check DP parameter.	B,J,S	DUMPF
ILL-FORMED MULTIFILE SET	User error. Multifile set tape is not created in standard ANSI format. Tape labels nonexistent or improperly formatted.	Correct problem and retry.	B,J,S	6WM
ILLEGAL ACE FUNCTION	Only read and backspace function legal.	Correct problem and retry.	B,J,S	ACE
ILLEGAL CALL FROM LABELMS	Fatal system error. Bad LABELMS-LBL communication.	Correct problem and retry.	B,S	LBL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ILLEGAL CALL TO DMNT/RMNT	DMNT or RMNT was called by control statement or INTERCOM job, but must be typed in by operator.	Correct problem and retry.	B,J,S	DSM
ILLEGAL CALL TO DUMP QUEUE	DMPQ was called by control statement but must be typed in at console.	Correct problem and retry.	B,S	XDQ
ILLEGAL CALL TO LBL	Fatal user error LBL called by routine other than LABELMS or RELABEL.	Correct problem and retry.	B,J,S	LBL
ILLEGAL CHANNEL NUMBER	INTERCOM problem.	Notify system analyst.	B,J,S	1I1
ILLEGAL CHARACTER IN ARGUMENT IS DISCARDED	Nonfatal user error. A nonliteral statement parameter contains a special character. Parameter is processed after illegal character is discarded.	Check statement parameters for errors. Remove illegal character or replace with a valid character.	B,J,S	COMQUAG
ILLEGAL CODE	An illegal LDL code has been used in parameter word.	Correct problem and retry.	B,J,S	LDL
ILLEGAL CY1 CALL (CY1/RESTART)	Bad flag in CALL to CY1 from RESTART.	Notify system analyst.	B,J,S	CY1
ILLEGAL DATA FORMAT - SYSTEM ERROR	Informative message. X tape format specified by user.	No action required.	B,J,S	1TF
ILLEGAL DELIMETER FOLLOWING x..x - REPLACE x...x WITH x...x OR x...x	Illegal delimiter encountered in EDITLIB directives.	Correct problem and retry.	S	EDITLIB
ILLEGAL DELIMITER	Illegal delimiter encountered in VSN control statement. Delimiter in error is indicated immediately following this message.	Correct problem and retry.	B,J,S	VSN
ILLEGAL DEVICE	First file was assigned to device that cannot be read, or second file to device that cannot be written.	Correct problem and retry.	B,J,S	COPYCR COPYCF COPYBR COPYBF
ILLEGAL DEVICE FOR FILE lfn	Informative message. lfn File name	Correct problem and retry.	B,J,S	COPYN
ILLEGAL DEVICE TYPE	Fatal user error. SAVEPF file must reside on a RMS device.	Correct problem and retry.	B,J,S	SPF
ILLEGAL DEVICE TYPE IN REQUEST	Device type in REQ parameter list is not valid; job terminated.	Correct problem and retry.	B,S	REQ
ILLEGAL DIAG SEQ PARAMETER	Parameter not recognized by APR.	Correct problem and retry.	B,S	APR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ILLEGAL/DUPLICATE KEYWORD	Fatal user or operator error.	Correct call to RECOVER and retry.	B,S	RECOVER
ILLEGAL EQUIPMENT REQUEST	Illegal equipment parameters passed from operator type-in. MT, CP, or LP needed on dayfile dump.	Correct problem and retry.	B,S	1DF
ILLEGAL EQUIVALENCE	Fatal user error. Equals sign (=) follows a parameter that does not permit its use.	Correct problem and retry.	B,J,S	PFCCP
ILLEGAL EST	Fatal user error. EST ordnal is nonnumeric or greater than 777B.	Correct EST ordinal in control statement.	B,S	PFCCP
ILLEGAL EST ORDINAL	Fatal user error.	Notify system analyst.	B,J,S	DMNT
ILLEGAL FILE COUNT.	Fatal error; the file count was not numeric. Any EXIT(S) processing occurs.	Correct the N=n parameter.	B,J,S	ITEMIZE
ILLEGAL FILE NAME	Fatal error, code 22. File name has embedded blanks, does not begin with letter, or exceeds 7 characters. called by CIO.	Correct problem and retry.	B,J,S	6WM
ILLEGAL FILE NAME	Fatal system software error.	Notify system anayst.	B,J,S	PFD
ILLEGAL FILE NAME - lfn	Fatal user error. In LDCMR control statement, file name does not begin with an alphabetic character, is not alphanumeric, or is greater than 7 characters. lfn File name	Check file name for errors and specify a valid file name.	B,J,S	LDCMR
ILLEGAL FILE NAME IN REQ CALL	lfn File name. Fatal error. File name in REQ parameter list is not a legal file name.	Check file name for errors and specify a valid file name.	B,S	REQ
ILLEGAL FROM LABELMS	Fatal system rror. Illegal communication between LABELMS and LBL.	Notify system analyst.	B,J,S	LBL
ILLEGAL FUNCTION CODE	User error. The CIO code is not defined.	Correct problem and retry.	B,J,S	6WM
ILLEGAL FUNCTION CODE (SSH)	Fatal error. A system program passed a bad function code to SSH.	Notify system analyst.	J,S	SSH
ILLEGAL FUNCTION TO HDS	System software error; bad MTR request.	Notify system analyst.	B,J,S	HDS

ILLEGAL I/O REQUEST
  FET FILE NAME lfn
  FET ADDRESS addr
  message
	The fourth line of the message further describes the error and is documented as a separate entry in this manual.
	
	lfn File name
	addr FET address
	message Error description
		Refer to the documentation of the fourth line of the message.	B,S	6WM
				CIO

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ILLEGAL INPUT DEVICE	Device specified cannot be used for input.	Correct problem and retry.	B,S	COPYBF COPYBR COPYCF COPYCR
ILLEGAL JOB NAME	Illegal job name on TRANSR.	Correct job name and retry.	B,J,S	JDP
ILLEGAL KEYWORD	Keyword greater than 2 characters; keyword not found in list of legal keywords; null keyword.	Correct problem and retry.	B,S	PFCCP
ILLEGAL KEYWORD	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
ILLEGAL KEYWORD ARGUMENT	Fatal user or operator error.	Correct call to RECOVER and retry.	B,S	RECOVER
ILLEGAL LEVEL NUMBER	Informative message.	Correct problem and retry.	B,S	SKIPB SKIPF
ILLEGAL LFN	Conditionally fatal user error (FDB return code = 027B). Logical file name does not start with letter. PFA passed error code to 1PD or issued directly by SPF.	Correct problem and retry.	J	1PD SPF
ILLEGAL LFN	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
ILLEGAL LFN=lfn	The illegal logical file name lfn follows the equal sign and indicates either an invalid character is included in the lfn, or that OUTPUT was specified as an lfn.	Correct problem and retry.	B,S	VSN
ILLEGAL MST ORDINAL-HDS	System software error; bad MTR request.	Notify system analyst.	B,J,S	HDS
ILLEGAL MULTIFILE NAME	User error.	Correct poblem and retry.	B,J,S	6WM
ILLEGAL MULTIFILE NAME {LISTMF}	User error. Multifile name must be less than seven characters.	Correct problem and retry.	B,J,S	LISTMF
ILLEGAL NUMBER OF RECORDS	Number of records parameter is not a valid decimal digit.	Correct problem and retry.	B,S	SKIPB SKIPF
ILLEGAL OP MSG CODE (SSH)	Fatal error. A system program passed a bad operator message code to SSH.	Notify system analyst.	J,S	SSH

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ILLEGAL OUTPUT DEVICE	Device specified cannot be used for output.	Correct problem and retry.	B,J,S	COPYBF COPYBR COPYCF COPYCR
ILLEGAL PARAMETER FOR COMBINE	Record count nonnumeric or illegal file name.	Correct problem and retry.	B,J,S	COMBINE
ILLEGAL PARAMETER IN CONTROL CARD	Fatal user error.	Correct parameters and retry.	B,J,S	PFDUMP
ILLEGAL PARAMETER OR BAD VALUE param	param is a parameter on a FLAW statement. Refers to FLAW and FREE type-ins and to assembled CMR flaws.	Enter one of the options listed on the left screen.	D	IRCP
ILLEGAL PARAMETER TO DMPQ/RESQ	Fatal error.	Retry.	B,J,S	QUEDUMP
ILLEGAL PARAMETERS(LISTMF)	Unrecognizable parameter on LISTMF statement. Job terminated.	Check parameters for errors and correct.	B,J,S	LISTMF
ILLEGAL PASSWORD	Fatal user error.	Correct problem and retry.	B,J,S	PFLOG
ILLEGAL POSITION NUMBER(LABEL)	Fatal user error. Position number on LABEL statement beyond legitimate range.	Specify a valid position number.	B,J,S	LABEL
ILLEGAL POSITION NUMBER(LISTMF)	Fatal user error. Invalid position number on LISTMF statement.	Specify a valid position number.	B,J,S	LISTMF
ILLEGAL REQUEST FUNCTION(RESTART)	Fatal user error. Error occurred when RESTART attempted to request tape.	Notify system analyst.	B,S	RESTART
ILLEGAL REQUEST PARAMETER	System has detected an illegal parameter. Request is aborted.	Correct specified parameter in control statement and retry.	B,J,S	REQUEST
ILLEGAL REQUEST PARAMETER PK	Fatal user error. PK is no longer a legal REQUEST parameter.	Remove PK parameter.	B,J,S	REQ
ILLEGAL RESTART PARAMETER	Checkpoint file name should but does not begin with alphabetic character or duplicate parameters.	Correct problem and retry.	B,J,S	RESTART
ILLEGAL SCP FILE NAME	SF.INUF or SF.RTUF function has specified a illegal file name.	Correct problem and retry.	B,J,S	SSF
ILLEGAL SEPARATOR OR TERMINATOR OR PARM TOO LARGE	Refers to FLAW and FREE type-ins and to assembled CMR flaws.	Enter one of the options listed on the left screen.	D	IRCP
ILLEGAL SET NAME	Conditionally fatal user error (FDB return code=040B). Set name should but does not start with letter. Error code passed to 1PD by LPF,PFA.	Correct problem and retry.	B,J	1PD

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ILLEGAL SETNAME	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
ILLEGAL ST PARAMETER	Fatal user error.	Correct station ID and retry.	B,J,S	1PG GPF SPF
ILLEGAL SYSTEM CALL	Fatal operator error.	Do not use MMF purge from DIS or N.X.	B,J,S	1PG GPF SPF 1ST
ILLEGAL TAPE REQUEST(LABEL)	Local file at this control point is not magnetic tape file. Job terminated.	Correct problem and retry.	B,J,S	LABEL
ILLEGAL TIME ENTRY PERIOD REQUIRED	The period preceding the minutes was not entered in an elapsed time or lost time entry in response to the CYBERLOG display.	Reenter the value for time with a period preceding the minutes.	L	CYBRLOG
ILLEGAL TIME ENTRY HOURS: 00 TO 99, MINUTES: 00 TO 59	The value for the hours and/or the minutes are not in the specified range for a CYBERLOG entry.	Reenter the value for hours and minutes in the specified range.	L	CYBRLOG
ILLEGAL UP=PARAMETER	Fatal user error. Universal permission is restricted to C, E, M, R, and their combinations.	Correct problem and retry.	B,J,S	PFCCP
ILLEGAL VSN	Fatal user error. The VSN of a device set must be letters and digits.	Correct problem and retry.	B,J,S	DMNT
ILLEGAL VSN=vsn	Illegal volume serial number vsn follows the equal sign. Either it contains an invalid character or it exceeds six characters.	Correct problem and retry.	J,S	VSN
ILLEGAL VSN PARAMETER	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF
ILLEGAL VSN SPECIFIED**	Fatal user error.	Correct problem and retry.	B,J,S	TRANSPF
ILLEGAL 1ST PARAMETER	First parameter is nonnumeric.	Correct problem and retry.	B,S	TLOAD
ILLEGAL 2ND PARAMETER	Second parameter is nonnumeric.	Correct problem and retry.	B,S	TLOAD
IMMEDIATE ROUTING-NO FILE-IGNORED	A file may be given a deferred routing before it is created. A file that does not exist cannot be given an immediate routing.	Correct problem and retry.	B,J,S	DSP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INADEQUATE MEMORY SIZE RECOVERY ABORTED	Operator message. Memory size has decreased to the point that not enough space is available to recover system.	Redeadstart when more memory is available.	D	IRCP
INCLUDE MAY NOT APPEAR BETWEEN A LIBRARY AND FINISH	Informative message.	Correct problem and retry.	S	EDITLIB
INCLUDEP INVALID IF PPNT IS NOT EMPTY	Peripheral processor name table must be empty if INCLUDEP is to be used.	Correct problem and retry.	S	EDITLIB
INCOMPLETE CY EXISTS - NO PFN,ID,PW CHANGES MADE	A RENAME is not allowed if cycle referenced has incomplete permanent file table information.	Correct problem and retry.	J	PFR
INCOMPLETE DUMP	A CM header specified an address range for which the following record on the dynamic dump file did not contain sufficient words.	Correct control statement and retry.	B,J,S	LISTCID
INCORRECT DAM/RBR READ-DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
INCORRECT DUMP TAPE MOUNTED OR BAD TAPE REQUEST	Fatal user error. Tape request should be external to LOADPF specifying an S tape to be read under the local file name DUMTAPE.	Correct problem and retry.	B,J,S	LOADPF
INCORRECT LOGTAPE MOUNTED	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF
INCORRECT PASSWORD SPECIFIED	Fatal user error.	Correct password and retry.	B,J,S	DUMPF LOADPF TRANSPF
INCORRECT PERMISSION	Fatal user error. (FDB return code=071B.) Error code passed to 1PD by PFM routines. Control permission not granted for PURGE, addition of a new cycle, or attach of incomplete cycle. Extend permission not granted for EXTEND, ALTER, or SETP. Modify permission needed for ALTER function. File attached with no permission.	Correct problem and retry.	B,J	1PD
INCORRECT RECORDING MODE SPECIFIED FOR MASTER-OPPOSITE MODE USED	Nonfatal user error. Recording mode on device label and recording mode parameter differ. Mode on device label is assumed.	No action required. To correct error, change recording mode parameter to match device label.	B,J,S	RELABEL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INCREASE FL AND RERUN JOB	Fatal error. Issued when valid run can be obtained by increasing field length of job.	Perform instructions given in message.	S	EDITLIB
INCREASE LBUF IN LDCMR	System software error. Size of LBUF (buffer for loader input file) has been exceeded. Usually encountered by a system analyst buiding a system.	Reassemble LDCMR, increasing value of LBUF.	B,J,S	LDCMR
INCREASE LWSA IN LDCMR	System software error. Length of largest segment, defined by LWSA buffer, has been exceeded. Usually encountered by a system analyst building a system.	Reassemble LDCMR, increasing value of LWSA.	B,J,S	LDCMR
INDEX ADDRESS NOT IN FL	Fatal error, code 22. All or part of specified index buffer is not within control point field length.	Correct problem and retry.	B,S	6WM
INDEX BUFFER NOT SPECIFIED IN FET	Nonfatal error. Index buffer not specified on close of random file. No index is written.	If an index buffer is to be used, specify in file environment table an address for it.	B,J	1CL
INDEX BUFFER TOO SMALL	Return dependent on EP bit setting. Error code 23. Specified index buffer is too small to contain the index logical record. First part of record was read.	Correct problem and retry.	B,J,S	6WM
INDEX ERR	Index area for a random FET is less than 6 words long or is beyond field length.	Correct problem and retry.	B,J,S	LDL
INIT NOT IN SEGMENT TABLE	Fatal user error. Segment INIT must appear in CMRDIR.	Add segment INIT to CMRDIR.	B,J,S	LDCMR
INITIAL CATALOG	Informative message.	No action required.	B,J	PFC
INPUT AND OUTPUT TAPES NOT BOTH S FORMAT	REQUEST statement for both input and output tapes must specify S format. Job terminated.	Correct problem and retry.	B,J,S	COPYXS
INPUT EXHAUSTED BEFORE FINDING A FINISH DIRECTIVE	Informative message.	Ensure EDITLIB directive record is complete and retry.	S	EDITLIB
INPUT EXHAUSTED BEFORE FINDING AN ENDRUN DIRECTIVE—ONE GENERATED	Informative message.	No action required.	S	EDITLIB
INPUT LOGICAL RECORD GT 512 WORDS FOR S TAPE OUTPUT	Informative message.	Correct problem and retry.	B,J,S	COPYBF COPYBR COPYCF COPYCR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INSUFFICIENT DATA IN INPUT PARAMETERS	Fatal system communication error.	Notify system analyst.	B,J,S	MNT
INSUFFICIENT DOT SPACE	The addition of an RMS device caused the number of RBR entries to exceed the available DOT entries.	Delete unneeded RMS EST entries and try again.	D	IRCP
INSUFFICIENT FIELD LENGTH	Minimum field length required is 12000B. Job terminated.	Correct problem and retry.	B,S	COPYXS
INSUFFICIENT FIELD LENGTH	Program call initiated load of absolute program or 0,0 overlay, but insufficient field length caused job termination.	Correct problem and retry.	B,J,S	1AJ
INSUFFICIENT FL. (nnnnnn USED)	Fatal user error. nnnnnn is not sufficient field length to run LDCMR.	Increase field length.	B,J,S	LDCMR
INSUFFICIENT MEMORY PROVIDED	Fatal user error.	Provide more memory for RECOVER execution. Rerun with more field length.	B,J,S	RECOVER
INSUFFICIENT RBR SPACE	Not enough CM space to build RBRs for each RMS device.	Delete some RMS devices from configuration.	D	IRCP
INTER PPS PARITY ERROR(p)	Parity error on data to PP p. p PP number	Notify customer engineer.	R	1SC
INTERCOM IS NOT UP	Informative message. INTERCOM restart was requested, but INTERCOM was not up. INTERCOM must be up for restart. Only central site operator can restart INTERCOM.	No action required.	B,S	INTRST
INTERCOM LOW SPEED BUFFERS CANNOT ALL BE RECOVERED TYPE GO TO CONTINUE	Deadstart has not been able to save all INTERCOM jobs; some files are lost. Appears during recovery.	Type GO to continue deadstart.	D	COM
INTERCOM PASSWORD FILE BAD - ENTER GO TO PURGE OLD FILE.	Problems exist with old INTERCOM password file.	Notify site analyst or enter n.GO.	J, S	PASSWRD
INTERCOM RESTART	INTERCOM error recovery initiated. Message appears with submessages. DROPPING - Old version of INTERCOM is shutting down. INITIATE - New version of INTERCOM is attempting to come up. INTERCOM - New version of INTERCOM is up.	Acknowledge the message by typing ACK. Type LISTCID to list the INTERCOM restart dumps. Also evict file ZZZZZDD by entering EVICT, ord. where ord is the F display ordinal of the file ZZZZZDD.	B,R,S	1BR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INTERCOM RESTART INITIATED	Informative message.	No action required.	B,S	INTRST
INTERLOCK BROKEN	Operator message; hardware error.	If message persists for 10 seconds, drop job and run RECOVER on set.	B	DLM
INTERLOCK PROBLEM - OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
INTERNAL LIBRARY TABLES ARE UNUSABLE	Fatal error.	Retry. If problem persists notify system analyst.	S	EDITLIB
INTERVAL CANNOT BE SATISFIED-PP PROGRAM LIBRARY IS FULL	Informative message.	Increase field length and rerun job. If error occurs again, increase program parameter MACLPPNT and install new version of EDITLIB.	S	EDITLIB
INTERVAL CANNOT BE SATISFIED-UNABLE TO LOCATE LAST PGM	Informative message.	Correct problem and retry.	S	EDITLIB
INTERVAL CANNOT BE SATSFIED-UNABLE TO LOCATE FIRST PGM	Informative message.	Correct problem and retry.	S	EDITLIB
INTERVAL IMPROPERLY FORMED prog PRECEDES prog	Informative message. prog Program name	Correct problem and retry.	S	EDITLIB
INTERVAL IS A * AND NO RECORDS WERE FOUND.	Fatal error.	Ensure that proper file name was specified and that file is not empty. Retry.	S	EDITLIB
INTRAN - BEGINNING INTERCOM ANALYSIS	DSDUMP was called and INTERCOM analysis was requested. If INTERCOM is not up, this message does not appear.	No action required.	B,J,S	INTRAN
INTRAN - END INTERCOM ANALYSIS	INTERCOM anaysis has concluded.	No action required.	B,J,S	INTRAN
INTRST MUST BE BROUGHT UP BY CENTRAL OPERATOR	Informative message. Only central site operator can restart INTERCOM.	No action required.	B,S	INTRST
INVALID CHARACTER IN PARAM	Fatal system error. set name or vsn contains a character not alphanumeric for internal (nonuser) generated mount.	System analyst should check parameters in PP dump; trace MNT caller.	B,J,S	MNT
INVALID CHECKPOINT FILE RECOVERY ABORTED	Operator message. No checkpoint file was cataloged or checkpoint was incomplete.	Perform a level 0 or 1 deadstart.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INVALID COMBINATION OF PARAMETERS	Parameter list of REQUEST is inconsistent. Request is aborted.	Correct problem and retry.	B,S	REQ
INVALID CONTINUATION CARD (LABEL)	CONTINUE control statement not found. Job terminated.	Correct problem and retry.	J,S	LABEL
INVALID CONTROL WORD OR FWA (RA+100)	Fatal user error. Overlay header was incorrectly formatted. Either load address was not 100B or an entry point is not present.	Regenerate overlay, making sure that load address is 100B and that all entry points are specified.	B,S	MSG
INVALID CYCLE NUMBER IGNORED	Cycle number specified was either 0 or greater than 999; no number change will be made.	Correct the cycle number and retry.	J	PFR PFC
INVALID DAM ORDINAL SN setname RECOVERY NOT POSSIBLE	Deadstart has found an invalid number while scanning permanent file catalog.	Perform a level 0 or 1 deadstart.	D	IRCP
INVALID DISPOITION CODE-ROUTING IGNORED	Nonfatal user error. Code specified by DC parameter is not legal. ROUTE statement is ignored; job is not aborted.	Correct problem and retry.	B,J,S	DSP
INVALID DUMPLCC PARAMETER	Informative message.	Correct and retype n.X DUMPLCC command.	B,S	LCD
INVALID DUMPNPU PARAMETER	Informative message.	Correct problem and retry DSD n.X DUMPNPU entry.	B,J,S	LCD
INVALID EST ENTRY	Invalid EST ordinal specified by operator assignment, or EST entry is bad in EST.	Correct problem and retry.	B,S	REQ
INVALID EST ORDINAL IN URT TABLE RECOVERY ABORTED	Deadstart recovery message. No EST entry was found for existing URT entry.	Perform a level 0 or 1 deadstart.	D	IRCP
INVALID FID – ROUTING IGNORED	Invalid file identifier specified.	Correct problem and retry.	B,J,S	DSP
INVALID FLPP CHANNEL NO. – 819	Only channels 2, 4, and 6 are valid for an 819 device.	Correct problem and retry.	D	IRCP
INVALID FUNCTION	Fatal system error. Calling program passed in illegal function code.	Notify system analyst.	B,J,S	TAT TMT
INVALID LFN – DSP	Logical file name contains an illegal character.	Correct problems and retry.	B,J,S	DSP
INVALID LINK TYPE – ROUTING IGNORED (DSP)	System error.	Notify system analyst.	B,J,S	DSP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INVALID MASTER VSN	Fatal user error. VSN in set FNT is not equal to VSN specified for MP parameter.	Specify correct VSN for MP parameter.	B,S	DLM
INVALID NAME ON LIBRARY CARD.	The name specified in the LIBRARY control statement is not a valid logical file name.	Ensure correct name and retry.	B,J,S	LDRCNTL
INVALID PROGRAM NUMBER	The CTI module has requested the loading of an undefined module.	Retry deadstart. If message persists, contact customer engineer, or install CTI again.	D	DHE
INVALID QAF PARAMETER ADDRESS	Parameter address outside field length of program.	Correct problem and retry.	B,J,S	QAF
INVALID RB rb AT RBT LOC addr TYPE GO TO CONTINUE	An invalid record block rb was encountered at address addr.	Type GO to continue recovery with same record block table entry as was in use.	D	IRCP

INVALID RBR ORDINAL rbr FR RBT rbt TYPE GO TO CONTINUE	An invalid record block reservation table ordinal was encountered.
	  rbr RBR ordinal
	  rbt RBT ordinal
		Type GO to continue recovery with next entry in same chain.	D	IRCP

INVALID RBR ORDINAL SN setname RECOVERY NOT POSSIBLE	Deadstart has found an invalid number while scanning permanent file catalog. setname Set name	Perform a level 0 or 1 deadstart.	D	IRCP
INVALID REEL NUMBER	Fatal user error. Reel number characters not allowed.	Correct reel number specification.	B,J,S	VSN REQUEST
INVALID REQUEST TO CPC	Bits 54-59 of request word are 0, so it cannot contain PP program name in bits 42-59. Bits 42-59 can contain only a number below 00010 (octal) as part of file action macro. Job terminated.	Notify system analyst.	B,J,S	CPC COMPARE
INVALID SID/DID – ROUTING IGNORED	Invalid SID, DID, or ST parameter used to route file.	Correct problem and retry.	B,J,S	DSP
INVALID SSH PARAMETER ADDRESS	Fatal error. A program has called SSH with a parameter address that is outside the job's field length.	Notify system analyst if system job (multi-mainframe station). Otherwise, correct and retry.	J,S	SSH

INVALID STACK ENTRY FILE NAME lfn FET ADDR addr	Request stack entry contains an undefined or invalid order code; a user has not specified an FET for order code, C.RMR (read several records).
	  lfn File name
	  addr FET address
		Notify system analyst.	B,S	1SX

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
INVALID SYSTEM FILE IS INVOLVED (CKP)	Nonfatal user error. Checkpoint/restart encountered a file with FNT entries it could not process. Checkpoint is ignored.	Do not try to checkpoint AUDIT, DUMPF, or LOADPF.	B,J,S	CKP
INVALID VSN	User error.	Correct problem and retry.	B,J,S	TRANSPF

INVALID VSN IN SMT
DEVxx device CHcc EQe UNuu
OPTIONS –
EST – DISPLAY EST AND RESTART RMS LABEL
    PROCESSING
REP – TRY AGAIN (ASSUMED)
	There is a VSN in SMT which is not composed of alphanumeric characters.
	  xx EST ordinal
	  device Device name
	  cc Channel number
	  e Equipment number
	  uu Unit number
		Correct problem and retry.	D	IRCP

IO ERROR	Fatal hardware error. Error status returned on a stack request.	Try to rerun. System analyst and customer engineer should evaluate I/O problem and attempt rerun.	B,J,S	LBL
IO TIME LIMIT	User error. Job exceeded I/O time limit specified on job statement. Job terminated.	Increase I/O time limit on job statement.	B,J,S	1EJ RPV
IPL NOT FOUND	The initial program loader in CTI was not found.	Redeadstart after changing the deadstart panel or reinstalling CTI.	D	ICD
IRCP HUNG ON BAD INSTRUCTION MUST DEADSTART TO CONTINUE	Informative message.	Notify system analyst.	D	IRCP
IRRECOVERABLE WRITE REPOSITION ERROR	Fatal error detected during write recovery forward spacing. Fatal unless EP bit is set.	Certify tape and retry.	B,J,S	3IM

IS SN=setname, VSN=vsn MOUNTED ON OTHER
MF – TYPE N.CFO YES OR N.CFO NO
	Determines if recover mode 0 or mode 4 is to be run on device.
	  setname Set name
	  vsn Volume serial number
		If device SN=setname, VSN=vsn is mounted on other mainframe, type n.CFO YES; if it is not, type n.CFO NO.	B,J,S	SETCCP

ITEMIZE COMPLETE.	Specified processing is finished. Informative message.	No action required.	B,J,S	ITEMIZE
ITEMIZING rec	Record identified is being processed. Informative message.	No action required.	B	ITEMIZE

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
IUP CALLED AT A NON-INTERCOM CONTROL POINT	Fatal user error. Peripheral processor routine IUP cannot be called from a non-INTERCOM control point.	Run program interactively from a terminal.	B,J,S	IUP
JC ENTRY OUT OF RANGE-HDS	System software error; bad MTR request.	Notify system analyst.	B,J,S	HDS
JC TABLE OUT OF RANGE-HDS	System software error; bad MTR request.	Notify system analyst.	B,J,S	HDS
JDP AUTO RECALL ERROR	Auto-recall bit not set in calling sequence.	Correct problem and retry.	B,S	JDP
JOB CARD ERROR	Programmer error.	Correct problem and retry.	B,J,S	1EJ
JOB CARD ERROR - VERIFY	Job statement error found in buffer passed to VEJ.	Correct problem and retry.	B,J,S	VEJ
JOB HUNG IN AUTO-RECALL	Fatal user error. Either of following conditions produce this error.	Set completion bit in macro.	B,J,S	CPMTR
	- Completion bit was not set in an IO macro (READ, REWIND, WRITE, and so on) and control point had no activity.	Check for WHILE statement and add if not present. If present, see if WHILE and ENDW label string match and are correct. If matching, place WHILE statement before ENDW.		
	- An ENDW statement was encountered in a CCL procedure before a WHILE statement with a matching label string was found.			
JOB KILLED	Informative message. Response to j.KILL.	Correct problem and retry; notify system analyst.	B,J,S	1EF RPV
JOB PRE-ABORTED	Appears at begining of job output file if input statement caused CKSUM ERROR RC.recno, CD.cardno or FORMAT ERROR RC.recno, CD.cardno. Job terminated when brought to control point.	Correct problem and retry.	B,J,S	1EJ
JOB REPRIEVED	Informative message. Terminated user job was restarted in recovery routine.	No action required.	B,J,S	RPV
JOB TERMINATED	Fatal user error. Issued in conjunction with other ACT error messages.	Refer to other ACT error messages issued for action.	B,J,S	ACT
JOBCARD ERROR ON ROUTE TO INPUT	Fatal user error. Job statement error found on file routed.	Correct job statement and retry.	B,J,S	1TJ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
KEYWORD HAS TOO MANY PARAMETERS	Either PW was equated to more than five parameters, or LP was equated to more than four parameters.	Correct problem and retry.	B,J,S	PFCCP
LABEL CANNOT BE WRITTEN TO SPECIFIED ADDRESS - XXXB TYPE - CR - TO WRITE LABEL TO NEXT ADDRESS - XXXB TYPE DEL TO GO WITH ECS OFF	Unsuccessful attempt to write an ECS label.	Follow the instructions given in the message.	D	IRCP
LABEL DATE ERROR	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
LABEL MAX MEMBERS BAD	Fatal error. Maximum number of members allowed has been exceeded.	Notify system analyst.	B,S	RECOVER
LABEL NOT EXPIRED - GO/DROP	Operator action request.	If this is the correct pack to be labeled, enter GO. Otherwise enter DROP.	B,J,S	LABELMS
LABEL NOT FOUND AFTER WRITE	Fatal hardware error.	Notify system analyst.	B,J,S	LBL
LABEL NOT FOUND - OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
LABEL NOT ON SAME RB-LBL	Fatal hardware error.	Notify system analyst.	B,J,S	LBL
LABEL ON RB=rbn	Informative message. rbn Record block number (octal)	No action required.	B,J,S	LBL
LABEL PARITY ERRORS-LABELMS	Fatal hardware error.	User should flaw device bad spots.	B,J,S	LABELMS
LABEL READ ERROR	Fatal hardware error.	Notify system analyst.	B,S	RECOVER
LABEL SETNAME IS BAD - DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
LABEL SETNAME OK, VSN BAD - DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
LABEL SETNAME WRONG	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
LABEL VSN MISMATCH	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
LABEL WRITE ERROR	Fatal hardware error.	Notify system analyst.	B,S	RECOVER
LABELMS NORMAL COMPLETION	Informative message.	No action required.	B,S	LABELMS
LAST DEADSTART RECORD ALREADY TRANSFERRED. DIRECTIVE IGNORED.	Informative message.	No action required.	S	EDITLIB
LAST PRU INCOMPLETE num WORDS LOST	The last physical record unit received from a NOS/BE job that had issued a SAVEPF command was incomplete. num Number of words missing from the physical record unit.	Take a dump of the permanent file staging spun off task and notify system analyst.	B,J,S	SOTPF6

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LATEST INDEX NOT WRITTEN	Conditionally fatal user error (FDB return code = 010B). CATALOG attempted on a random file without a CLOSE to write index.	Correct problem and retry.	J	1PD
LBL WAITING FOR INTERLOCK-LBL	Informative message. LBL is waiting for set I/L in the label to clear.	If message stays up too long, operator should drop job and user should run RECOVER before running RELABEL.	B,J,S	LBL
LCM SECDED BIT ERROR - QUADRANT q, CSU x	A large central memory (LCM) SECDED parity error has occurred (CYBER 176 only). q Quadrant (0, 1, 2, or 3) x CSU number (0 or 1)	Notify system analyst and customer engineer.	D	SCE

LDC ABORT - message	LDC is LDCMR utility helper. LDC aborted calling program. Possible messages are:
	  NO PRIVATE ECS ALLOWED
	  BAD NPUT PARAMETERS
	  DEALLOCATE ECS FIRST
	  ECS NOT UP
	  Direct-access ECS is not large enough to satisfy its ECS request.
	  NOT ENOUGH ECS
	  AREA TABLE ZERO
	  FILE NOT FOUND-lfn
	  NOT SYSTEM JOB
		Correct problem and retry. If additional assistance is required, notify system analyst.	B,S	LDC

LDC-BOOT ALTERNATE SYSTEM. GO/DROP	LDC will initiate alternate ECS system.	Type GO or DROP.	B,S	LDC
LDC-BOOT CURRENT SYSTEM. GO/DROP	LDC will initiate running system.	Type GO or DROP.	B,S	LDC
LDC-BOOTING TO NEW SYSTEM FIRST	LDCMR was given permisson to overlay ECS system and release ECS. However, running system was old system and M.ICE subfunction EX.BOOT requires running system to be new ECS system.	Correct problem and retry.	B,S	LDC
LDC-CHANGE NEW ECS SYSTEM. GO/DROP	LDC has been called by LDCMR to create or delete an ECS system.	Type GO or DROP.	B,S	LDC
LDC-ECSFL/1000B=nnnn	Informative message. LDC has assigned nnnnB ECS to this control point. This appears anytime ECS system is being modified. nnnn Word blocks of ECS in thousands	No action required.	B,S	LDC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LDC-MOVING DIRECTORY DOWN	Informative message.	No action required.	B,S	LDC
LDC-MOVING DIRECTORY UP	Informative message.	No action required.	B,S	LDC
LDC-OVERLAY NEW ECS SYSTEM. GO/DROP	LDC has replaced old ECS system with new and released any extra ECS.	Type GO or DROP.	B,S	LDC
LDC-RETURN TO OLD ECS SYSTEM. GO/DROP	LDC does not allow ECS modification if system is using this ECS copy to load CMR segments.	Type GO or DROP.	B,S	LDC
LDC-WAITING FOR ECS	There are batch jobs with direct access ECS which LDC is waiting for.	No action required.	B,S	LDC
LDCMR CANNOT RUN ON THIS SYSTEM (T.AREA=0)	Word P.AREA in CMR has zero pointers for T.AREA and T.ENTRY.	Correct problem and retry.	B,S	LDCMR
LDCMR MAP OPTION ERROR-DEFAULT MAP SET	Nonfatal user error. LDCMR LO = parameter is in error. Either a character that is not allowed has been specified, or conflicting options have been selected. LO default is used.	Check LO = parameter for errors and specify valid options.	B,J,S	LDCMR
LDCMR NOT PERMITTED THRU INTERCOM	LDC cannot move directory while INTERCOM is up.	Correct problem and retry.	B,S	LDCMR

LDCMR PERMANENT FILE ERROR
  LFN=lfn fc FC STAT=mm
  PFN=pfn
	LDCMR has received an unexpected status from a permanent file routine. LDCMR used a function code of fc and received a status mm. If file is ZZZZZ01, LDCMR could have cataloged ZZZZZ02 on a previous run but system crashed before ZZZZZ02 could be purged.
	lfn Local file name
	pfn Permanent file name
		Purge ZZZZZ02 to remove this problem if ZZZZZ01 does not exist.	B,S	LDCMR

LDCMR SYSTEM ERROR	LDCMR has detected a system error.	Take a field length dump and notify system analyst.	B,S	LDCMR
LDCMR WAITING FOR pfn	Permanent file pfn is attached to another control point.	No action required.	B,S	LDCMR
LDL ERR,ADR = addr	This is the first message of a two-message diagnostic. A subsequent message describes the error in more detail. addr Address of parameter word	Refer to subsequent messages.		LDL
LDV ABORT	A fatal error has occurred during an overlay load and call specified automatic execution. This type of call prevents return of an error code to calling program, so job is aborted.	Ensure that specified overlay exists in specified library and retry. If the calling program is a system program, notify system analyst.	B,S	LDW

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LDV ERROR ec	LDV has detected an error while trying to load an overlay. This message is followed by a second line indicating error. These errors are described in detail in CDC CYBER Loader Reference Manual. ec Error code	Refer to subsequent error message.	B,S	LDW
LDW - ECS ERROR ON PNT	An ECS parity error occurred while reading a library directory. Disk copy will be used.	Notify system analyst or customer engineer.	B,S	LDW
LDW - ECS ERROR ON PROGRAM prog	An ECS parity error occurred while reading program prog. Disk copy will be used.	Notify system analyst or customer engineer.	B,S	LDW
LENGTH OF prog EXCEEDS AVAILABLE ECS SPACE	ECS library space has been exhausted. prog Program name	Notify system analyst.	S	EDITLIB
LFN ALREADY IN USE	Conditionally fatal user error (FDB return code = 002B). Logical file name specified is already in use by this job. PFA passed error code to 1PD or issued directly by GPF.	Correct problem and retry.	B,J	1PD GPF
LFN EXCEEDS 7 CHARS	Informative message.	Correct problem and retry.	B,J,S	PFCCP
LFN GREATER THAN 7 CHARACTERS	LFN parameter of SKIP or COPY control statement is too long.	Correct problem and retry.	B,J,S	SKIPF SKIPB BKSP COPYBR COPYBF COPYCR COPYCF COPY
LFN GT 7 CHARS	LFN parameter of VSN control statement is too long.	Correct problem and retry.	B,S	VSN
LFN IS lfn	Informative message. If logical file name lfn is assumed, assumed name is printed as part of message.	No action required.	B,J	PFM
LFN NOT FOUND	Fatal user error. Logical file name not attached to job.	Correct problem and retry.	B,J,S	SPF

LFT - RBR MISMATCH ON
  DEVxx device CHcc EQe UNuu
  VSN vsn OF SN setname
  RBR ORD rbr RB rb
	Informative message.
	xx EST ordinal
	device Device name
	cc Channel number
		Enter one of the options listed in the message.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE

OPTIONS-
   GO - STOP ON ALL MISMATCHES
   ALL - DO NOT STOP ON ANY MISMATCHES
       FOR THE SET
	e Equipment number
	 uu Unit number
	 vsn Volume serial number
	 setname Set name
	 rbr RBR ordinal
	 rb Record block number			

LFT - RBR MISMATCH ON
   DEVxx device CHcc EQe UNuu
   VSN vsn OF SN setname
   RBR ORD rbr RB rb
 	
   RECOVERY NOT POSSIBLE
   EXECUTE -RECOVER- ON ANOTHER
   MAINFRAME AND THEN DEADSTART
   A LVL 0 OR LVL 1 SYSTEM
	Informative message.
	 xx EST ordinal
	 device Device name
	 cc Channel number
	 e Equipment number
	 uu Unit number
	 vsn Volume serial number
	 setname Set name
	 rbr RBR ordinal
	 rb Record block number
		Follow instructions
		 given in message.
			D	IRCP

LFT - RBR MISMATCH ON PFC
   DEVxx device CHcc EQe UNuu
   VSN vsn OF SN setname
   RBR ORD rbr RB rb
 	
 OPTIONS-
   GO - STOP ON ALL MISMATCHES
   ALL - DO NOT STOP ON ANY MISMATCHES
       FOR THE SET
	Informative message.
	 xx EST ordinal
	 device Device name
	 cc Channel number
	 e Equipment number
	 uu Unit number
	 vsn Volume serial number
	 setname Set name
	 rbr RBR ordinal
	 rb Record block number
		Enter one of the
		 options listed in the
		 message.
			D	IRCP

LIB= IS NOT VALID IN USER EDITLIB MODE	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY IS NOT INCLUDED IN THE pfn FILE	Informative message. pfn Permanent file name	Correct problem and retry.	S	EDITLIB
LIBRARY MUST BE ON A RANDOM FILE IF OLD PARAMETER SPECIFIED	Fatal user error.	Correct problem and retry.	S	EDITLIB
LIBRARY MUST PRECEDE A DELETE	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY MUST PRECEDE A FINISH	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY MUST PRECEDE A SETFL OR SETFLO	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY MUST PRECEDE AN ADD OR REPLACE	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY NAME IS MISSING OR DELIMITER FOLLOWS A DELIMITER	Informative message.	Correct problem and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LIBRARY NAME IS MISSING OR INVALID DELIMITER WAS USED	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY OR READY MUST PRECEDE A DELETE	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY OR READY MUST PRECEDE A SETAL	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY OR READY MUST PRECEDE AN ADD OR REPLACE	Informative message.	Correct problem and retry.	S	EDITLIB
LIBRARY PARAMETER IS NOW NEW	Informative message.	No action required.	S	EDITLIB
LIBRARY WILL BE REMOVED	Informative message.	No action required.	S	EDITLIB
LIMIT ZERO IGNORED	Nonfatal user error. Attempt made to set unlimited mass storage.	Correct problem and retry.	B,J,S	1AJ
LIST LENGTH TOO LONG, MAX=max.	Fatal user error. Status area cannot exceed indicated maximum number max of words.	Correct problem and retry.	B,J,S	STS
LISTCID ARGUMENT CANT BE EQUATED	A P parameter was followed by an equal sign (=) in a LISTCID control statement.	Correct control statement and retry.	B,J,S	LISTCID
LISTCID ARGUMENT ERROR	Unrecognized keyword in a LISTCID control statement.	Correct control statement and retry.	B,J,S	LISTCID
LISTCID ARGUMENT FWA .GT. LWA	CM parameter (C, CD,) first address specified is greater than second address in a LISTCID control statement.	Correct control statement and retry.	B,J,S	LISTCID
LISTCID NOT ALLOWED FROM INTERCOM	LISTCID can be run only from central site.	No action required.	B,J,S	LISTCID
LISTCID NUMERIC CONSTANT ERROR	A numeric value is ill-formed; an octal address contains an 8 or a 9 in a LISTCID control statement.	Correct control statement and retry.	B,J,S	LISTCID
LISTCID ONLY ONE F PARAMETER ALLOWED	The user entered more than one F parameter in the LISTCID control statement.	Correct control statement and retry.	B,J,S	LISTCID
LISTCID TOO MANY PARAMETERS	The user specified more than 36 CM address pairs in the LISTCID control statement.	Correct control statement and retry.	B,J,S	LISTCID
LISTLIB IS VALID FOR NEWSYS/RUNSYS BETWEEN READY - COMPLETE	Fatal error.	Reposition LISTLIB directive. Ensure library name is spelled correctly.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LISTLIB MAY NOT APPEAR BETWEEN A LIBRARY AND FINISH	Informative message.	Correct problem and retry.	S	EDITLIB
LOADER ABORTED-I/O TRANSFER ERROR	Fatal hardware error.	Notify system analyst.	B,J,S	LOADPF
LOADING pfn	Informative message. pfn Permanent file name	No action required.	B	LOADPF
LOADING OF ppn IN TROUBLE	An error has occurred while loading ECS-resident PP overlay. A subsequent message describes the error in more detail. ppn PP overlay name	Notify system analyst.	B,J,S	CEM
LOADPF ABORT - PERMISSION FILE ERROR	Preceding dayfile message describes the problem.	Take corrective action in accordance with preceding message.	B,J,S	LOADPF
LOADPF ABORT-REQ ERROR	Fatal system error.	Notify system analyst.	B,J,S	LOADPF
LOADPF ABORTED-SYSTEM ERROR ec	Error is identified by the return codes defined for FDB. Refer to the inside front cover. ec Error code	Correct problem and retry.	B,J,S	LOADPF
LOADPF ABORTED-TAPE READ HARDWARE ERROR	Fatal hardware error.	Notify system analyst.	B,J,S	LOADPF
LOADPF FINISHED	Informative message.	No action required.	B,J,S	LOADPF
LOC ARG ERROR	Incorrect parameter, such as last word address greater than field length.	Correct problem and retry.	B,S	LOC
LOCAL FILE lfn CONTAINS AN INCOMPLETE LIBRARY	Informative message. lfn Local file name	Retry. If problem persists, regenerate input library.	S	EDITLIB
LOCAL FILE IS NOT A DS TAPE OR USER LIBRARY	Informative message.	Ensure that file is a deadstart tape or library file and retry.	S	EDITLIB
LOCATION ZERO IS NONZERO TYPE GO TO CONTINUE	Informative message. GO causes location zero to be copied from new CMR.	Enter GO.	D	IRCP
LOCKING EDITLIB OUT	Informative message. LDCMR locked EDITLIB out by attaching ZZZZZ01, ZZZZZ02, and ZZZZZ23 in preparation for a directory move. This message is followed by appropriate LDC message to boot an ECS system.	No action required.	B,D	LDCMR
LOGICAL FILE NAME IS MISSING OR INVALID DELIMITER WAS USED	Informative message.	Correct problem and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LOOKING FOR INPUT	Informative message.	Drop job if all queue files that are to be dumped have been dumped.	B	QUEDUMP
LOOKING FOR OUTPUT	Informative message.	Drop job if all queue files that are to be dumped have been dumped.	B	QUEDUMP
LOOKING FOR PUNCH	Informative message.	Drop job if all queue files that are to be dumped have been dumped.	B	QUEDUMP
LOOP FAULT	Fatal unless EP bit is set. Vacuum lost in loop box.	Notify customer engineer.	B,J,S	31M
LOST DATA	Fatal error.	Redeadstart using different deadstart tape or different tape unit.	D	CONTROL
LOST FILE (CY1/RESTART)	Probable system error.	Notify system analyst.	B,J,S	CY1
LOST I/L GO OR RERUN	Hardware interlock ensuring sole access to master device has been lost.	Job should be rerun.	B,S	RECOVER
LOST I/L RESTART RECOVER	Fatal error.	Notify system analyst.	B,J,S	RECOVER
LPxx CHAN HUNG FULL	Informative message. xx Printer EST ordinal	Enter /REWxx to recover current file. Notify customer engineer.	B,J	1IR
LPxx NOT READY	Informative message. xx Printer EST ordinal	Ready the unit.	B,J	1IR
LPxx ON IDLED DOWN EQ	Output file lost on idled-down disk. xx Printer EST ordinal	Note jobname to rerun and type /OKxx to acknowledge.	B,J	1IR
LPxx REJECT	Informative message. xx Printer EST ordinal	No action required. Notify customer engineer if message persists.	B,J	1IR
LPxx XMSN PARITY ERROR	Informative message. xx Printer EST ordinal	No action required.	B,J	1IR
LPF SYSTEM ERROR, CODE ee	Fatal system error. Refer to the error code list in the message PFx SYSERR, CODEec.	Notify system analyst.	B,S	LPF
LRxx CANT SEL 6681	Printer cannot select 6681. xx 580-12 line printer EST ordinal	Notify customer engineer if message persists.	B,J	1IQ 1IR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
LRxx PFC PARITY ERROR	Operator message. JANUS cannot continue with 580 PFC printer because of a hardware error. xx 580-12 printer EST ordinal	Type /SWxx or /REWxx to save file.	B,S	1IR
LRxx UNABLE TO LOAD PFC	Operator message. JANUS could not load PFC buffer in 580 PFC printer because of a hardware error. xx 580-12 printer EST ordinal	Type /SWxx or /REWxx to save file.	B,S	1IR
LRxx VERIFY FORMS POSITION	Operator message. User specified a V carriage control character in file and forms may be off top of page on 580 PFC printer. xx 580-12 printer EST ordinal	Reposition forms and type /OKxx to print file.	B,S	1IR
LSxx NOT READY	Line printer is not ready. xx 580-16 line printer EST ordinal	Ready the unit.	B,J	1IQ 1IR
LSxx PFC PARITY ERROR	Operator message. JANUS cannot continue with 580 PFC printer because of a hardware error. xx 580-16 printer EST ordinal	Type /SWxx or /REWxx to save file.	B,S	1IR
LSxx UNABLE TO LOAD PFC	Operator message. JANUS could not load PFC buffer in 580 PFC printer because of a hardware error. xx 580-16 printer EST ordinal	Type /SWxx or /REWxx to save file.	B,S	1IR
LSxx VERIFY FORMS POSITION	Operator message. User specified a V carriage control character in file and forms may be off top of page on 580 PFC printer. xx 580-16 printer EST ordinal	Reposition forms and type /OKxx to print file.	B,S	1IR
LTxx PFC PARITY ERROR	Operator message. JANUS cannot continue with 580 PFC printer because of a hardware error. xx 580-20 printer EST ordinal	Type /SWxx or /REWxx to save file.	B,S	1IR
LTxx REJECT	Informative message. xx 580-20 printer EST ordinal	No action required.	B,J	1IQ 1IR
LTxx UNABLE TO LOAD PFC	Operator message. JANUS could not load PFC buffer in 580 PRC printer because of a hardware error. xx 580-20 printer EST ordinal	Type /SWxx or /REWxx to save file.	B,S	1IR
LTxx VERIFY FORMS POSITION	Operator message. User specified a V carriage control character in file and forms may be off top of page on 580 PFC printer. xx 580-20 printer EST ordinal	Reposition forms and type /OKxx to print file.	B,S	1IR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
M PARAMETER MISSING (LISTMF)	Multifile name not specified on LISTMF statement. Job terminated.	Correct problem and rerun.	B,J,S	LISTMF
MAC NOT CALLED BY INTERCOM MUJ	A program other than a multi-user job attempted to call peripheral processor routine MAC.	Correct problem and retry.	B,J,S	MAC
MAC SYSERR FROM addr	Software error in peripheral processor routine MAC. addr Address within MAC where the error occurred	Notify system analyst.	B,J,S	MAC
MAINS POWER FAILURE	Operator message. Primary power mains feeding computer have failed.	Acknowledge message. Notify system analyst if MPF CONDITION CLEARED message does not appear. Notify customer engineer.	R	1SC
MAINS POWER FAILURE	Bit 36 of the status/control register (bit 0 of the interlock register) is set, indicating a mains power failure. This message is preceded in the error log by the letters SR hh.mm.ss. (CYBER 170 machine) or IR hh.mm.ss. (CYBER 70 machine where hh.mm.ss. is the time at which the condition was detected.	Notify system analyst and customer engineer.	D	SCE
MARGINAL TRANSPORT INDICATION	Fatal error. Hardware has detected a marginal tape drive.	Notify customer engineer.	B,J,S	3IM
MASS STORAGE LIMIT	User exceeded mass-storage limit as specified on LIMIT control statement or installation-defined limit.	Correct problem and retry.	B,J,S	1EJ RPV
MASTER DEVICE NOT ON	Fatal user error. Master device was off in DLM EST check before reading master label.	User/operator should leave master device on.	B,S	DLM
MASTER/MEMBER MUST BOTH BE SHARED OR UNSHARED.	Fatal operator error.	Decide if set to be shared between mainframes, then mount master and desired members on either shared or unshared drives exclusively.	B,J,S	MNT
MASTER NOT MOUNTED	Fatal user error. Master must be mounted before any of its members.	User should mount master.	B,J,S	MNT
MASTER NOT MOUNTED THIS MF - DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MASTER NOT ONLINE, PACK MAY BE IN USE, GO OR DROP	Request for operator action.	Notify system analyst. GO action response means ignore.	B,J,S	DSM
MASTER SET-MOUNTED FLAG SET, RUN RECOVER	Fatal system software error.	Notify system analyst or run RECOVER on this device set.	B,J,S	MNT
MASTER VSN NOT IN SMT	Fatal system error. SMT did not contain master VSN.	Run RECOVER (debug mode).	B,J,S	MNT
MAXIMUM TAPE UNITS EXCEEDED	Full allotment of tape units already assigned to control point. Job terminated.	Correct problem and retry.	J,S	6IM
MAXIMUM VSNS EXCEEDED	Maximum number of VSNs allowed (per lfn) exceeds maximum permitted by VSN processor. VSN aborts.	Correct problem and retry.	J,S	VSN
MBL NOT EVEN NO. WORDS	A SCOPE 2 job issued a GETPF or SAVEPF command to stage a file that had a maximum bock length that was not a multiple of ten characters.	Change the maximum block length of the file being staged.	B,J,S	SOT
MBL OF numa CHARACTERS NOT ALLOWED USE MAX BLK SIZE OF numb CHARACTERS.	A SCOPE 2 job staging a tape specified a maximum block length of numa words which exceeds the limit of numb words. numb was used instead.	Reduce the maximum block length for the tape being staged.	B,J,S	SOT
MDF NOT MASS STORAGE (1RC)	Probable system error. Memory dump file (CCCCCCM) was not assigned to mass storage when RESTART of checkpointed job attempted.	Notify system analyst.	B,J,S	1RC
MDI ABORT - BAD DIRECTORY POINTER	System error. MDI used by EDITLIB to handle I/O involved in changing and moving directory. Directory pointers illogical. Job terminated.	System is probably inoperable; notify system analyst.	S	MDI
MDI ABORT - BAD PARAMETER	MDI called with bad parameters. Job terminated.	Notify system analyst.	S	MDI
MDI ABORT - ILLEGAL REQUEST	Illegal operation request in call by system routine.	Notify system analyst.	S	MDI
MDI - ERROR FLAG SET	MDI is aborting EDITLIB.	Notify system analyst.	S	MDI
MDI - FILE NOT FOUND - pfn	EDITLIB attempted to find file pfn but failed. Job eithers kills MTR if unavilable file is vital to system, or continues if file is not vital.	Notify system analyst.	S	MDI

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MEM ABORT - CMM ACTIVE	Fatal user error. An attempt was made to change field length by calling MEM while CMM was active.	Convert MEM call to a CMM call.	B,J,S	MEM
MEM ARG ERROR	Parameter word outside field length.	Correct problem and retry.	B,J,S	MEM
MEM ARG ERROR - STATUS ALREADY COMPLETE	Request made to MEM when completion bit was set in status word.	Correct problem and retry.	B,J,S	MEM
MEM INCREASE WITHOUT AUTO-RECALL ILLEGAL	Auto-recall bit not set in MEM calling sequence.	Set auto-recall bit to increase storage.	B,J,S	MEM
MEM STOPPED BY SYSTEM	Informative message. A previous error (such as operator drop) prevented processing of a memory request.	Correct problem and and retry.	B,J,S	MEM
MEMBER DEVICE NOT ON	Fatal user error. Member EST was found to be off before it could be set busy for a member DELSET.	User/operator should make sure device is on.	B,S	DLM
MEMBER DISK RBR ORD. NOT IN SMT	System error. Disk RBR field is zero. DAM cannot be found.	Run RECOVER (debug mode).	B,J,S	MNT
MEMBER FILE NOT IN MULTI-FILE SET (LABEL)	Specified position number not found in multifile set. Job terminated.	Correct problem and retry.	J,S	LABEL
MEMBER NOT MOUNTED - DSM	Informative message.	Correct problem and retry.	B,S	DSM
MEMBER NOT ON-LINE	Fatal user error. Member must be on-line (or mounted) to be blank labeled.	User/operator should put member on-line.	B,S	DLM
MEMBERS MUST BE DISMOUNTED FIRST	Fatal operator error.	Dismount members with the DMNT command.	B,J,S	DSM
MES CALLED FROM NON-INTERCOM CONTROL POINT	Fatal user error. Peripheral processor routine MES cannot be called by a non-INTERCOM control point.	Run program interactively from a terminal.	B,J,S	MES
MES RECEIVED BAD PARAMETER	Error in peripheral processor routine MES.	Notify system analyst.	B,J,S	MES
MESSAGE LIMIT EXCEEDED	Fatal operator error. Number of messages issued by job exceeds installation maximum. Job terminated.	Reduce number of messages issued.	B,S	MSG
MESSAGE PRU CHECKSUM ERROR	Non-fatal system error. GEMINI detected a checksum error during transfer of file ownership. The control point area is dumped and the queue set is recovered.	Notify system analyst.	B,J,S	GEMINI

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MISSING AREA HEADER IN CMRDIR	Fatal user error. CMRDIR is in wrong format; LDCMR expects an area header after lengths of stack and trace buffers.	Reassemble CMRDIR.	B,J,S	LDCMR
MISSING ENTRY POINT - ept	Fatal user error. Entry point ept cannot be found.	Check reference to entry point entpt and correct any errors, delete reference, or supply entry point.	B,J,S	LDCMR
MISSING PARAMETER	Fatal user or operator error.	Correct problem and retry.	B,S	RECOVER
MISSING PROGRAM - prog	Fatal user error. Program prog cannot be found, because either CMRDIR named program but it is not available or program should be available to LDCMR but it is not.	If program prog should be available, make it available. Otherwise, delete the reference in CMRDIR.	B,J,S	LDCMR
MISSING SN	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF
MISSING SYSTEM CMR LIBRARY	LDCMR unable to locate specified system library containing CMR binaries. LDCMR will continue pulling all binaries off input file.	Either correct library name or add specified library to the system.	B,S	LDCMR
MISSING VSN	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF
MISSING 34 TABLE IN SEGMENT seg	Fatal user error. PIDL table is missing from binary of segment seg.	Reassemble segment seg.	B,J,S	LDCMR
MISSING 36 TABLE IN SEGMENT seg	Fatal user error. ENTR table is missing from binary of segment seg.	Reassemble segment seg.	B,J,S	LDCMR
MISSING 40 TABLE IN SEGMENT seg	Fatal user error. TEXT table is missing from binary of segment seg.	Reassemble segment seg.	B,J,S	LDCMR
MLRS TOO LARGE	Fatal error, code 22. Block size greater than 512 CM words on S tapes. L tapes message indicates MLRS field greater than buffer size. User error.	Correct problem and retry.	J,S	6WM
MNxx NOT READY (NO=REASSIGN, YES=WAIT) TYPE J.YES OR J.NO	Job is trying to access a unit which is not ready. xx Tape EST ordinal.	Type J.YES and ready unit or type J.NO to reprocess the request.	B,J,S	6IM, REQ
*******MNT ABORTED*******	Fatal user or system error.	Notify system analyst.	B,J,S	MNT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MNT WAITIN FOR MST SLOT	Informative message.	No action required; if message persists, notify system analyst.	B	MNT
MNT WAITING FOR EST FREE	Informative message.	No action required; if message persists, notify system analyst.	B	MNT
MNT WAITING FOR FNT SLOT	Informative message. MNT is MOUNT processor.	No action required; if message persists notify system analyst.	B	MNT
MNT WAITING FOR MST I/L	Informative message.	No action required; if message persists, notify system analyst.	B	MNT
MNT WAITING FOR RBT CHN	Informative message.	No action required; if message persists, notify system analyst.	B	MNT
MNT WAITING FOR SET I/L	Informative message.	If message persists, run RECOVER, or redeadstart, specifying machine to deadstart.	B	MNT
MODE CHANGE RC.recno,CD.cardno	Informative message to user. Card type changed from Hollerith to binary or binary to Hollerith within a record. The change occurred at card number cardno in record number recno.	No action required.	J	1IR
MODIFICATION OF SEQUENTIAL LIBRARY NOT ALLOWED	Fatal error.	Correct problem and retry.	S	EDITLIB
MORE COPIES OF 844 CONTROLWARE THAN ALLOWED REBUILD DS TAPE	Operator message. Maximum number of copies of 844 controlware present on deadstart tape is two. This maximum is exceeded.	Rebuild deadstart tape.	D	IRCP
MORE THAN nnn BAD RB-S FOUND-LABELMS	User specified too many flaws.	Reduce number or contact system analyst.	B,J,S	LABELMS
MORE THAN nnn PHYSICAL FLAWS-LABELMS	User specified too many flaws.	Reduce number or contact system analyst.	B,J,S	LABELMS
MORE THAN SEVEN CHARACTERS -- EXCESS IGNORED	Nonfatal user error. A control statement parameter contains more than 7 characters. Excess characters are ignored and parameter is processed.	Check statement parameters and remove excess characters, rewriting parameter if necessary.	B,J,S	COMQARG

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MOUNT ABORTED VSN=vsn, SN=setname	System software error. vsn Volume serial number setname Set name	Notify system analyst.	B,J,S	MNT
MOUNT VSN vsn ON 66x UNIT (RING-OUT/IN) ENTER VSN IF UNLABELED	Informative operator message. vsn Volume serial number	Mount indicated tape.	B,S	3IV
MOUNTED VSN=vsn, SN=setname	Informative message. vsn Volume serial number setname Set name	No action required.	B,J,S	MNT
MOVE PACK TO FT DRIVE	The pack specified in the ADDSET control statement has full track recording mode but is physically mounted on a drive that is inaccessible by a 7154 controller.	Move pack to a drive that is accessible by a 7154 controller.	B	ADS
MP MUST BE SPECIFIED	User did not specify MP parameter.	Supply MP parameter and retry.	B,J,S	PFCCP ADS
MP MUST BE SPECIFIED - RELABEL	Fatal user error.	Notify system analyst.	B,J,S	RELABEL
MPF CONDITION CLEARED	Operator message. Mains power returned before computer system was affected.	Verify that power has been restored to all peripheral equipment and acknowledge message. Enter RESUME command to restart normal operations.	R	1SC
MSG - ARG ERROR	Fatal user error. Address given to MSG is out of user's field length. Job terminated.	Check address supplied in MESSAGE macro for errors and correct.	B,S	MSG
MST ENTRY NOT FOUND	Fatal system error.	Notify system analyst.	B,S	RECOVER
MST ORDINAL INVALID AT RBT LOC addr TYPE GO TO CONTINUE	Informative message. addr RBT address	Type GO to end validation of this word chain pair.	D	IRCP
MST ORDINAL OUT-OF-RANGE	Fatal system software error.	Notify system analyst.	B,J,S	MNT OUX
MTxx ASSIGNED	Informative message. xx Tape EST ordinal	No action required.	B,J,S	REQ
MTxx BAD DSCRD	Informative message. xx Tape EST ordinal	Notify customer engineer.	B,S	1RV
MTxx BAD OAM	Informative message only. Ready dropped during rewrite of a record. Recovery procedure continues. xx Tape EST ordinal	No action required.	B,S	1P2

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx BLANK TAPE READ	Informative message. Channel was active and empty for one second. Fatal error if detected by tape driver. xx Tape EST ordinal	Mount correct tape if necessary.	J,S	4LB 4LC 1TF 6WM
MT xx BLOCK COUNT = blknum	A read or write parity error occurred on the tape drive with EST ordinal xx. Blknum is the octal block number of the block in which the error occurred. Recovery was attempted. A message following the first line indicates whether or not recovery was successful.	See subsequent message for further action.	B,J,S	3IM
MTxx BLOCK COUNT IN LABEL INVALID	Block count should be in display code numerics. xx Tape EST ordinal	Correct problem and retry.	J,S	3IV
MTxx BLOCK COUNT MIS-MATCH	Block count in EOF label disagrees with current PRU count carried by system. Informative message. xx Tape EST ordinal	Correct problem and retry.	J,S	3IV
MTxx BLOCKS READ count	Informative message. .xx Tape EST ordinal count Number of blocks read.	No action required.	J,S	3IC 3IF 3IV 4LB 4LC
MTxx BLOCKS WRITTEN count	Informative message. xx Tape EST ordinal count Number of blocks read	No action required.	J,S	3IC 3IF 3IL 4LB 4LC
MTxx BUF SZ ER-TORET	Buffer does not have room for record. PP hangs, waiting for nonzero control point error flag. xx Tape EST ordinal	Take dump if possible.	B,S	1CT
MTxx END OF TAPE	Informative message, indicating crossing columns in both directions. xx Tape EST ordinal	No action required.	J,S	3IV 1RP
MTxx FET FMT ERR	Nonfatal user error. Improperly formatted HDR1 or 3000-tape header label from FET or XL buffer. Fields with errors will be replaced by system default values. xx Tape EST ordinal	No action required.	J,S	2IO 4LB 4LC
MTxx HEADER LABEL FIELDS DO NOT MATCH	Informative message. xx Tape EST ordinal	Typing GOxx, allows job to continue. Typing RECHECKxx, causes system to reread	B,J,S	4LB 4LC 3IM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	. ROUTINE
		labels. If an incorrect unit has been assigned, correct tape may be mounted on same unit; a RECHECK allows job to proceed.		
MTxx IMPROPER TRAILER, EOV FORCED	Informative message. Unrecognizable trailer label followed a tape mark after an end of reel reflective spot. The system will continue processing as if an EOV1 label had been read. xx Tape EST ordinal	No action required.	J,S	1RP 3IV
MTxx INCORRECT VSN.SHOULD ASSIGNMENT BE ALLOWED TYPE N.YES OR N.NO	The VSN of the unit assigned by the operator does not compare with VSN specified by user. xx Tape EST ordinal	Type j.YES to override VSN specification and type j.NO to reprocess the request.	B,S	REQ 61M
MTxx IS ALREADY ASSIGNED. TYPE J.GO, THEN REASSIGN	Operator message. Operator keyed in a unit that is already assigned. xx Tape EST ordinal	Type GO.	B,S	REQ 61M
$MTxx IS READ-ONLY. TYPE N.NO AND REASSISN	Operator message. User did not specify NORING on REQUEST statement, but operator assigned tape to a read-only unit. A read-only unit can be assigned only when NORING is requested. xx Tape EST ordinal	Reassign tape to another unit or unload tape, remove ring, and reload.	B	REQ 61M
MTxx IS UNASSIGNABLE, TYPE J.GO THEN REASSIGN	Operator message. Specified tape unit is unassignable. xx Tape EST ordinal	Type j.GO and reassign.	B,S	REQ 6MN
MTxx IS WRONG VSN, TYPE J.GO THEN REASSIGN	Operator message. The VSN of the unit assigned by the operator is wrong. xx Tape EST ordinal	Type j.GO.	B,S	REQ
MTxx LABEL PARITY ERROR	Informative message. Parity error detected during attempted label read. Probably defective tape.	No action required.	B,J,S	4LB 4LC
MTxx LABELLED SHOULD BE UNLABELED	Informative message. xx Tape EST ordinal	If GOxx. is typed, tape will be processed as a labeled tape. If RECHECKxx. is typed, system will reread tape. Correct tape can be mounted on same unit and a RECHECKxx will allow job to proceed.	B,J,S	4LB 4LC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx MARGINAL TAPE. TYPE GOxx TO CONTINUE	Erase of a label written with parity errors. xx Tape EST ordinal	Typing GOxx, causes system to write system noise records until no parity errors are encountered, and then attempt to write label again.	B,J,S	4LB 4LC
MTxx NO END OF TAPE	Hardware failure. Failure to detect end-of-operation. xx Tape EST ordinal	Notify system analyst.	B,S	4LB 4LC
MTxx NO ROOM FOR LABEL AT EOT	Failure in attempt to write trailer label because of parity errors. So much tape was erased that further operations may run off end of reel. 4LB aborts writing label. xx Tape EST ordinal	Use a certified tape and retry.	B,S	4LB 4LC
MTxx NO WRITE ENABLE	A tape without a write ring cannot be written. xx Tape EST ordinal	Clear and unload unit, insert write ring in reel, remount it, and ready unit.	B	1WI 1WS 4LB 4LC 1NW 1W9 1P2 1MT 1N9
MTxx NOISE WARNING 1	NSLIM (set at 12) noise records were encountered in a read forward, bypassing standard noise records, trying to locate next nonnoise record. Last bad PRU number in T.TAPES is set to current PRU number. A new read forward loop is entered that will bypass all standard noise records without verification (no reverse read to determine noise). Also, next multibyte noise record is bypassed without verification if it occurs before a single-byte noise record or next nonnoise record. xx Tape EST ordinal	No action required.	B,J,S	1N2
MTxx NOISE WARNING 2	Read loop following NOISE WARNING 1 failed to locate next nonnoise record. A new read loop will bypass all standard noise records and all multibyte noise records without verification. xx Tape EST ordinal	No action required.	B,J,S	1N2

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx NOISE WARNING 3	Bypassing all multibyte noise without verification failed to locate a nonnoise record. Next read loop will bypass all standard noise records and all multibyte nonstandard noise records without verification. If a single-byte noise record occurs before next nonnoise record, one single-byte noise record will be bypassed without verification. xx Tape EST ordinal	No action required.	B,J,S	1N3
MTxx NOISE WARNING 4	Read loop which occurred after NOISE WARNING 3 failed to locate a nonnoise record. A read loop will be entered that bypasses all noise without verification. xx Tape EST ordinal	No action required.	B,J,S	1N3
MTxx NOT READY	Job is trying to access a unit which is not ready. xx Tape EST ordinal	Either mount proper tape and ready unit or reassign proper unit.	B	1WI 1WS 1RT 1RS 4LB 1NW 1W9 1BRM 1R9 1R2 1R3 1N0 1N2 1N9 1N3 1P1 1P2 1P3 1P4 1MT 1TF 1TB
MTxx NOT SELECTED DENSITY	After a read or a forward skip that is first operation on a reel of tape, this message is displayed to indicate hardware density does not match density saved in FNT. xx Tape EST ordinal	If a GO is given, density flags in FNT will be changed to match denity of tape. Care should be taken to make sure that correct tape has been mounted before responding with GO to this message.	B,J,S	1NR 1R9 1TF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx PRU=prunum	Current PRU number is prunum. xx Tape EST ordinal	No action required.	B,S	1RV 1R3 1P1 1P2 1P3 1P4
MTxx PRU ERR T.TAPES	Last bad PRU number in T.TAPES exceeds current PRU number. xx Tape EST ordinal	Notify system analyst.	B,J,S	1R2 1R3
MTxx RD ERR DEV CAP EXC	Device capacity exceeded on current record. xx Tape EST ordinal	Drop the job.	B,J,S	1RV
MTxx RD ERR HARDWARE LD	Solid lost data or transmission parity error occurred in position forward routine in 1R3. xx Tape EST ordinal	Type RECHECKxx, for further recovery. If message reappears, notify customer engineer.	B,J,S	1R3
MTxx RD ERR LOST DATA	Lost data error on current PRU could not be recovered.	Type RECHECKxx. to attempt recovery. If message persists, notify customer engineer.	B,J,S	1RV
MTxx RD ERR NOISE	A noise record was read. If EP bit is set, parity error status returned to user. xx Tape EST ordinal	No action required.	J,S	1MT
MTxx RD ERR NOISE IN IRG	Noise in preceding interrecord gap prevented record read forward. Record was recovered with reverse read, but driver cannot guarantee that data can be turned around successfully in buffer. Noise preceding record could cause a record to be lost. xx Tape EST ordinal	No action required.	B,J,S	1RV
MTxx RD ERR POS ERR LPT	Reverse read detected load point. (7-track only.) xx Tape EST ordinal	Type GO to continue or else drop job.	B,J,S	1RV
MTxx RD ERR POS UNSURE GO (NO RECHECK)	Position error occurred during read parity error recovery. xx Tape EST ordinal	Type GO to continue or else drop job.	B,J,S	1NO 1R3 1R2
MTxx RD ERR READ OPP MODE	Current record could not be read without error in mode specified by request. This record could be read without error in opposite mode. Data is not guaranteed. (7-track tape only.) xx Tape EST ordinal	Type GO or drop job.	B,J,S	1RV

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx RD ERR READY DROP	1RV called by tape read drivers. xx Tape EST ordinal	Drop job.	B,S	1RV
MTxx RD ERR REC FRAGMENT	Number of bytes read from SI tape is not evenly divisible by 5 nor by 5 with a remainder of 4. xx Tape EST ordinal	Either drop the job or type GOxx. Data will be inaccurate if operator types GOxx.	B,J,S	1RV
MTxx RD ERR TAPE PAR ERR	A tape parity error, CRC error, or multitrack error occurred and could not be recovered. xx Tape EST ordinal	Type RECHECKxx.	B,J,S	1RV
MTxx RD ERR XMSN PAR ERR	Hardware error. Transmission parity error could not be recovered. xx Tape EST ordinal	Notify customer engineer.	B,J,S	1RV
MTxx RD RVD DEV CAP EXC	Device capacity exceeded but error was recovered; record is good. xx Tape EST ordinal	No action required.	B,S	1RV
MTxx RD RVD LOST DATA	Lost data condition was recovered. xx Tape EST ordinal	No action required.	B,S	1RV
MTxx RD RVD NOISE IN IRG	Although preceding interrecord gap has noise, it was read successfully. xx Tape EST ordinal	No action required.	B,S	1RV
MTxx RD RVD NOISE RECORD	Verified nonstandard noise record was bypassed on tape. xx Tape EST ordinal	No action required.	B,S	1N2 1N3
MTxx RD RVD REC FRAGMENT	Record fragment error was recovered successfully; data is good. xx Tape EST ordinal	No action required.	B,S	1RV
MTxx RD RVD STAN NOISE	Nonstandard noise record was verified as a standard noise record. xx Tape EST ordinal	No action required.	B,S	1N2 1N3
MTxx RD RVD TAPE PAR ERR	Tape parity error was recovered successfully; record is good. xx Tape EST ordinal	No action required.	B,S	1RV
MTxx RD RVD XMSN PAR ERR	Transmission parity error was recovered successfully; record is good. xx Tape EST ordinal	No action required.	B,S	1RV
MTxx READY DROPPED – POS UNCRT	Informative message. A transport dropped ready status during a skip forward or backward. xx Tape EST ordinal	No action required.	B,J,S	1TF 2TB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx REJECT	Hardware is rejecting a function code. xx Tape EST ordinal	Notify system analyst.	B,S	1W1 1NW 1WS 4LB 1W9 1RT 1RS 1NR 1R9 1R2 1R3 1N0 1N2 1N3 1P1 1P2 1P3 1P4 1TF 1TB 1MT
$MTxx REJECT	Tape subsystem hardware error. Operator attempted to assign tape unit xx, but unit was unavaiable. One of following conditions exists: – No tape unit existed with unit number attempting to be accessed. – Unit is reserved by alternate channel – Last tape channel in this EST entry had I/O suspended while access to this unit was in progress.	If a unit was misdialed, operator may attempt to redial it to proper number. If no units were misdialed, notify customer engineer, rerun job, and down unit in question by a DWN, UNxx command. Customer engineer should be notified, job rerun, and unit downed by a DWN, UNxx command. If a tape driver or operator just downed a channel, this can be verified by looking at system dayfile. Job may be rerun, but if it is not consuming excessive resources, it is possible to let it remain with $MTxx REJECT message until channel repair is successfully concluded and system usage restored by UP, CHxx command. When channel is restored to service, REJECT message will clear and job will resume normal operation.	B,J	COMSUB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx REMOUNT WITH RING	Tape unloaded, waiting for operator action. xx Tape EST ordinal	Mount tape with a write ring.	B,S	REQ
MTxx REMOUNT WITHOUT RING	Tape unloaded, waiting for operator action. xx Tape EST ordinal	Remove write ring from tape.	B,S	REQ
MTxx RESERVED	Tape unit is reserved on another channel and should not be. Hardware or software malfunction occurred during tape input/output processing. xx Tape EST ordinal	Notify system analyst.	B	1WI 1WS 1RT 1RS 4LB 1W9 1R3 1R9 1N0 1N2 1N3 2TB 1TF 1P1 1P2 1P3 1P4 1MT
MTxx RVD WRT TAPE-MK FAILURE	Informative message indicating that the tape driver recovered from difficulties encountered while writing a tapemark. xx Tape EST ordinal	Notify customer engineer if problem persists with other tapes.	B,J,S	4LB 4LC
MTxx TAPE IO SUSPENDED	System error. Job requested a tape, but when a tape driver tried to initiate I/O it found all channels to unit were down. xx Tape EST ordinal	Save this job until a channel becomes available by typing LOCKOUT.xx (so that only the control point and 1000B words of CM are tied up). When a channel becomes available enter UNLOCK.xx, which then resumes normal operation.	B	1IT
MTxx TAPE/UNIT MISMATCH. TYPE n.NO AND REASSIGN	Operator message. Operator mounted tape recorded at density not supported by this drive. xx Tape EST ordinal	Type n.NO and mount tape on drive supporting different density.	B	6IM
MTxx UNEXPIRED. SHOULD WRITING BE ALLOWED. TYPE J.YES OR J.NO.	Informative message. User is attempting to overwrite data on a tape with an unexpired label. xx Tape EST ordinal	Typing j.YES allows tape to be overwritten. Typing j.NO aborts job. If overwrite attempt is	B,J,S	1TR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		detected before any operation has been made on tape, operator can type GOxx. or RECHECKxx. If tape is no longer at load point, RECHECKxx. option is not possible and operator can only reply j.YES or j.NO.		
MTxx UNEXPIRED TAPE GOxx OR RECHECKxx	User is attempting to overwrite a tape with an unexpired label. xx Tape EST ordinal	Typing GOxx. processes tape as expired. Typing RECHECKxx. causes system to reread label and check for expiration.	B,J,S	4LB 4LC
MTxx UNLABELED, SHOULD BE LABELED	Informative message. xx Tape EST ordinal	Typing GOxx. causes tape to be processed as unlabeled. Typing RECHECKxx. causes system to attempt to find tape label and to reread tape. If an incorrect unit was assigned, mount correct tape on same unit; a RECHECK will allow job to proceed.	B,J,S	4LB 4LC
MTxx UNRECOGNIZABLE TRAILER LABEL TYPE GOxx OR RECHECKxx	Informative message. xx Tape EST ordinal	RECHECKxx. causes system to reread label in an attempt to identify it. GOxx. causes job to proceed as if an end-of-file (EOF1) trailer label was read.	B,J,S	1RP
MTxx VSN IS vsn	Informative message. xx Tape EST ordinal vsn Volume serial number	No action required.	B,J,S	1TO 1RQ REQ
MTxx WRT ERR BAD CBKSP	Invalid data was found (parity error or record of incorrect length) after a controlled backspace. xx Tape EST ordinal	Notify system analyst.	B,J,S	1P1 1P4
MTxx WRT ERR BAD CHECKSUM	Write recovery drivers are unable to locate last good record using length and checksum. This is a positioning failure. xx Tape EST ordinal	Typing GOxx. results in a tape generated with missing blocks.		1P1

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx WRT ERR BAD CONTR BKSP	Invalid PRU (length or parity error) was found after a controlled backspace. (7-track only). xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,J,S	1MT
MTxx WRT ERR BAD ERASE	Parity error was detected while erasing a tape. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P2 1MT
MTxx WRT ERR BAD VERIFY	Noise has been detected by an on-the-fly read of erased interrecord gap. This noise is too close to last good record to be erased. xx Tape EST ordinal	If a GOxx. is given for this tape, an irrecoverable read error may occur when it is read at a later date.	B,S	1P1
MTxx WRT ERR CANT FND LGR	Last good data record was not found. xx Tape EST ordinal	If operator types GOxx., job continues regardless of error, and data may be bad. If operator types RECHECKxx., another attempt is made to find last good record.	B,S	1P1
MTxx WRT ERR CANT FND SNR	A readable system noise record cannot be found. xx Tape EST ordinal	Type GOxx., job continues regardless of error, and data may be bad. If operator types RECHECKxx., another attempt is made to find system noise record.	B,S	1P4
MTxx WRT ERR COLD START	Severe and repeated motion problems have been detected by tape controller. Job is not allowed to continue because a tape created on this transport will not be usable. xx Tape EST ordinal	Since problem could be caused by tape itself, this tape should be tried on another transport. If it can be written successfully on a different transport, original transport should be transferred to customer engineering for checkout.	B,S	1P3
MTxx WRT ERR ERASE LIMIT	More than IP.SKCNT attempts to recover have been unsuccessful. xx Tape EST ordinal	Type GOxx. to cause one more erase.	B,S	1P2 1MT
MTxx WRT ERR FL POS UNCRT	After a reverse read of a bad PRU, tape appears to be positioned in midst of previous record. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P1

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx WRT ERR FMK BFR LGR	During search for last good record, a file mark was encountered which is not last good record. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P1
MTxx WRT ERR FMK BFR SNR	A filemark was found while searching backward for a system noise record. xx Tape EST ordinal	Operator should type GOxx. or RECHECKxx.	B,S	1P4
MTxx WRT ERR LGR BFR SNR	Informative message. Last good record occurred before an expected system noise record. xx Tape EST ordinal	No action required.	B,S	1P4
MTxx WRT ERR LOST DATA	Fatal error. Lost data status returned by hardware. xx Tape EST ordinal	Notify customer engineer.	B,S	1P1 1P2 1P3 1P4 1MT
MTxx WRT ERR NO LGRL	Informative message. Last good record length was not available for recovery. A substitute algorithm is used in this case. (IP.LGRL=1 only.) xx Tape EST ordinal	No action required.	B,S	1P1
MTxx WRT ERR NOISE IN IRG	A PRU larger than noise record length was found which was not a valid data block. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P3 1MT
MTxx WRT ERR POS ERR BD	When reread, a record previously discarded as noise was greater than noise length. Tape read drivers cannot read this tape. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P1
MTxx WRT ERR POS ERR LPT	Position lost. (7-track only.) xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,J,S	1P1 1P3 1P4
MTxx WRT ERR POS UNCRT	Tape may be positioned in midst of last good record. May be preceded by a message which details the positioning error. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P1 1P4 1MT
MTxx WRT ERR PSBL FRAGMNT	After a reverse read of a bad PRU, tape appears to be positioned in middle of bad PRU. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P1

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTxx WRT ERR REV EQ LGRL	A PRU read forward as noise length was same length as last good record when read in reverse. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P1
MTxx WRT ERR SGL FRM NOZ	A single frame of noise was detected while verifying recovery. xx Tape EST ordinal	Type GOxx. or RECHECKxx.	B,S	1P3
MTxx WRT ERR XMSN PAR ERR	Hardware error. xx Tape EST ordinal	Notify customer engineer.	B,S	1P1 1P2 1P3 1P4 1WI
MTxx WRT ERR 25 FT ERASED	Fifty unsuccessful attempts were made to recover the error. xx Tape EST ordinal	Drop job if tape must meet ANSI standards.	B,S	1P2
MTxx WRT RVD	A write error was recovered. xx Tape EST ordinal	No action required.	B,S	1P3
MTxx WRT TAPE-MK FAILURE	Failure in attempt to write a tapemark. Fatal error. xx Tape EST ordinal	Use a certified tape and retry.	B,J,S	4LB 4LC
MTxx XMSN P.E.	Hardware failure. Transmission parity error occurred during tape I/O. xx Tape EST ordinal	Notify system analyst.	B,J,S	4LB 4LC
MTxx XMSN PARITY ERROR	Hardware malfunction. xx Tape EST ordinal	Notify customer engineer.	B,S	1WS 1RT 1RS 1W9 1WI 1NW 1R9 1NR 1R2 1R3 1N0 1N2 1N3 1P1 1P2 1P3 1P4 1MT 2TB 1TF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
MTR 1 CPU ONLY. ACK TO USE 1	Nonfatal system error. MTR is assembled with IP.MCPU=1.	Enter ACK to continue. A system analyst should also be notified so system may be rebuilt if site wishes to use two CPUs.	D	MTR
MTS BC NOT RESPONDING CHcc - CR TO GO	Buffer controller cannot be dumped when selected. cc Channel number	Press carriage return.	D	IRCP
MTS CONTROLWARE-OMT NOT FOUND ON DS TAPE DS WITHOUT MTS	MTS controlware is missing.	Perform deadstart without MTS tape units in a logical ON configuration.	D	IRCP
MTS COUPLER NOT RESPONDING ESTxx CHcc EQe UNuu	Autoload has not been performed on all MTS buffer controller memories. xx EST ordinal cc Channel number e Equipment number uu Unit number	Notify customer engineer.	D	IRCP
MUJ NOT CALLED BY INTERCOM MUJ	Fatal user error. Peripheral processor routine MUJ cannot be called from a non-INTERCOM control point.	Run program interactively from a terminal.	B,J,S	MUJ
MUJ SYSTEM ERROR ec.hh.mm.ss mm/dd/yy or MUJ SYSTEM ERROR ec.hh.mm.ss mm/dd/yy (FATAL)	MUltiuser job (either a user MUJ or a system MUJ such as EDITOR) encountered a hardware and/or software problems at time hh.mm.ss and date mm/dd/yy. Error code ec can be found in INTERCOM Version 4 Reference Manual or INTERCOM Version 5 Reference Manual.	If error is not (FATAL), save your work immediately. Notify system analyst whether error is fatal or not.	B,J,S	MUJSUBS
MULTIPLE LOADPOINTS ON TAPE	A load point indication is present in hardware status and at least one block was read or written since first load point marker was sensed. Fatal unless EP bit is set.	Determine cause of multiple load points. Correct problem. Recreate tape.	B,J,S	6WM
MULTIPLE NAME NOT FOUND ON MF DEVICE	Specified multifile name is not known. This message may indicate MF parameter is missing from REQUEST statement of a multifile device.	Correct problem and retry.	B,J,S	6WM
MULTIPLE SYSTEM SETS MULTIPLE PF DEFAULT SETS MULTIPLE QUEUE SETS	Informative message.	Clear appropriate set attribute from all but one set.	D	IRCP
MUX FAILURE EST=xx SECTION=ss yy	Multiplexer failure. xx EST ordinal ss code = 0 - channel = 15 - memory	Notify customer engineer.	S	1M1

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	= 16 – memory addressing			
	yy code = MPER – multiplexer parity error			
	= ABA – active before activate			
	= ABF – active before function			
	= AAF – active after function			
	= AAD – active after disconnect			
	= IAA – inactive after activate			
	= IBD – inactive before disconnect			
	= DOAM – disconnect during output			
N.DIR, ECS NOT AVAILABLE, JOB RERUN	Directed job was rerun because the requested amount of ECS was not available.	No action required.	B,S	1IB
N.DIR, JDT FULL, JOB RERUN	Directed job was rerun because there was no empty job descriptor table available for initiation.	No action required.	B,S	1IB
N.DIR JOB CANNOT RUN ON THIS MF	Job statement specified an ST parameter that does not match any ID on this mainframe.	Correct problem and retry.	S	1IB
N.DIR, JOB WAITING FOR CM MOVE WAIT OR TYPE DIRABT	Field length requested is in progress for directed job. Stand by for storage move. If message persists, storage move might have been held up by realtime jobs.	Wait or abort directed job.	B,S	1IB
N PARAMETER IS NOT SPECIFIED IN REQUEST	Fatal user error.	Correct problem and retry.	B,J,S	DUMPF
NAME LIST MAY NOT CONTAIN AN INTERVAL	Informative message.	Correct problem and retry.	S	EDITLIB
NAME LIST TOO LARGE – 40 NAME MAXIMUM	Informative message.	Correct problem and retry.	S	EDITLIB
NAME OF RECORD IS MISSING OR DELIMITER FOLLOWS A DELIMITER	Informative message.	Correct problem and retry.	S	EDITLIB
NAME TOO LARGE – DELIMITER IS MISSING	Informative message.	Correct problem and retry.	S	EDITLIB
NEW ECS FL TOO SMALL. REQUEST nnnn (RESTART)	nnnn is required ECS field length for the job.	Increase ECS field length to nnnn.	B,S	RESTART

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NEW FL TOO SMALL RFL,nnnnn. (RESTART)	Field length of RESTART must not be less than field length at checkpoint; nnnnn is required field length for the job. Job terminated if RESTART memory request cannot be satisfied.	Correct problem and retry.	B,J,S	RESTART
NEW RECORDING MODE USED	Informative message. User attempted to rewrite a label, using a recording mode other than original. Operator assumed this new mode matches data in pack, and label was rewritten with new recording mode.	No action required.	B,J,S	RELABEL
NEWCYCLE CATALOG	Informative message.	No action required.	B,J	PFC
NEXT CONTROL POINT CLEARED	Acknowledges n.CLEAR command.	No action required.	S	MMGR
NEXT REEL OR MF SET UNKNOWN	Fatal error.	Correct problem and retry.	B,J,S	3IM
NEXT VSN WAS NOT GIVEN, OP ABORT	Fatal error.	Correct problem and retry.	B,J,S	3IM
NF TOO LARGE	System detected NF which is too large.	Correct problem and retry.	B,J,S	ADS PFCCP
NM=lfn	File lfn is not found on deadstart device.	Redeadstart. If message reappears notify system analyst.	D	CDX
NM ID = ownername PFN = pfn NM CY = cy SN = setname size WORDS. RN ID = ownername PFN = pfn RN CY = cy SN = setname size WORDS.	Informative accounting message issued when file is renamed. ownername Owner name pfn Permanent file name cy Cycle number setname Set name of device on which file resides size File size (decimal) First two lines apply to old ID/PFN/CY; next two lines apply to new ID/PFN/CY.	No action required.	B,J,S	6PM
NM ILLEGAL	System detected NM parameter illegal.	Correct problem and retry.	B,J,S	ADS
NM OR DAM XCEEDED	Occurred because of two possible infractions. First, when a set has standard RBRs (DAMs), message signifies that NM members currently exist. Second, when allocation is non-standard DAM may have been filled before NM was reached.	Construct a new device set.	B,J,S	ADS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO ACTIVE LINE	EXPORT has been initialized and no terminals are active.	No action required.	B	1HS
NO AUDFILE FNT FOUND-OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
NO as AVAILABLE	No device with allocation style as is available.	Turn on a device with allocation style as or wait until such a device is available.	B	3DO
NO AVAILABLE DEVICE OF TYPE REQUESTED	User requested specific device type not in this system; job terminates.	Specify available device type.	B,J,S	REQ
NO CHECKPOINT TAKEN	Informative message. CKP aborted.	See previously issued message for reason and action.	B,J,S	CKP 1RC
NO CODE – DDP ON CH cc SET OFF	No DDP driver is available in PP. cc Channel number	Notify system analyst. Type ACK. to acknowledge message.	R,B,S	CEM
NO CONTINUATION CARD	No terminator found on REQUEST statement. REQUEST aborts. During execution of VSN, an expected continuation statement was not found. VSN aborts.	Correct problem and retry.	B,S	REQUEST VSN
NO DAYFILE FOUND	System malfunction. 1DF could not find file name table entry for DAYFILE.	Notify system analyst.	B,S	1DF
NO DDT ENTRIES	There are no more entries left in the DDT for an additional RMS device.	Delete unneeded RMS EST entries and try again.	D	IRCP
NO DDT ENTRY FOR MASTER	Fatal system error.	Notify system analyst.	B,S	MNT
NO DDT FOR EST xx – SYSTEM ERROR	Fatal system error. xx EST ordinal	Notify system analyst.	B,J,S	LBL
NO DEVICE AVAILABLE	Fatal user error. No device available for a new file. FET code 10B is returned in FET if present.	Perform ADDSET to add another device to device set.	B,J,S	1PK
NO DEVICE AVAILABLE FOR OVERFLOW	Fatal user error. File cannot overflow. FET code 10B is returned in FET if present.	Notify system analyst.	B,J,S	1PK
NO DEVICE LABEL	Fatal system software error.	Notify system analyst.	B,J,S	PFD
NO DISK SPACE. DEV TYPE = XX ALOC STYLE = yy.	Informative message. An attempt was made to load a file onto a device with a nonexistent device type, the file has an allocation style that does not allow for overflow, or disk space is	If space has been made available, type n.CFO RETRY to continue loading the file. Type n.CFO SKIP to skip	B,J,S	LOADPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	exhausted.	loading the file and to allow loading of other files. Type n.CFO TERMINATE to terminate LOADPF and to allow for rebuilding of the set with necessary device type and/or allocation style.		
	xx Device mnemonic.			
	yy Allocation style number.			
	If device type or allocation style do not match those defined for the set in use, n.CFO RETRY will not allow loading even when space is available. To load this file, use the OR parameter on the LOADPF statement.			
NO DSC AVAILABLE	No 6673 or 6674 data set controller (SC) was available because it was off, assigned to another job, or not configured.	Notify system analyst.	B	1HS
NO DUMFNT	Fatal system error.	Notify system analyst.	B,S	LPF
NO EC	Nonfatal user error. No EC parameter in file definition block.	Correct and retry.	B,J,S	PFA
NO ECS CODE IN PPRES	No ECS driver is available in PP-resident because of assembly parameter error.	Notify system analyst.	· B,S	CEM
NO EMPTY SLOT IN LOGIN TABLE-LBL	Fatal user error.	Run RECOVER before attempting RELABEL.	B,J,S	LBL
NO EOR, EOF, OR EOI	Fatal hardware error.	Notify system analyst.	B,J,S	LOADPF
NO EQUIPMENT CHANGES ON RECOVERY	4.Y is not possible during recovery.	Specify 4.N and retry.	B	CONTROL
NO EQUIPMENT FOR DRIVER	The operator attempted to bring up INTERCOM, but no valid equipment was turned on for the driver requested.	Ensure that needed equipment is defined and turned on. Bring up INTERCOM.	B,J,S	1I1
NO EST SPECIFIED	A fatal system error occurred during deadstart because DS parameter was specified.	Correct problem by specifying EST.	B,S	LABELMS
NO EXISTING MASTER SN setname	Public set has C or M action level, but there is no master device. setname Set name	Mount master pack.	D	IRCP
NO FILE TO CATALOG	Nonfatal user error. No file ZZZZCMR exists to be cataloged. Both F=0 and PO=C were specified on LDCMR control statement.	To create file ZZZZCMR, use any F option but 0. Omit PO=C if cataloging is not desired.	B,J,S	LDCMR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO FILES DUMPED	Informative message.	No action required.	B,J,S	DUMPF
NO FLAW TABLE IN CMR-HDS	System software error. Bad MTR request	Notify system analyst.	B,J,S	HDS
NO FNT FOR MINIMUM LENGTH FET	Fatal system error. File environment table address in PAK call is not valid.	Notify system analyst.	B,S	PAK
NO FNT SPACE	Fatal system software error.	Retry.	B,J,S	PFD
NO FNT SPACE FOR QUEUE FILE	Informative message.	If condition persists, notify system analyst.	B	XDQ
NO FREE DRIVER ORDINALS	INTERCOM problem.	Notify system analyst.	S	1I1
NO-INPUT-FILE	Informative message.	Correct problem and retry.	B,S	LOC
NO JOBS LOADED	Operator message. No jobs found in load sequence.	Ensure proper tape was used and change tapes if incorrect. If proper tape used, see if tape was destroyed.	B,S	TLOAD
NO LABEL FOUND DEVxx device CHcc EQe UNuu RECOVERY NOT POSSIBLE	Informative message. xx EST ordinal device Device name cc Channel number e Equipment number uu Unit number	Perform another deadstart to label device.	D	IRCP
NO LABEL ON MASTER-RELABEL	Job aborted. All files lost.	Set has to be recreated.	B,J,S	RELABEL
NO LFN FOUND	During execution of VSN, an LFN, expected to be found on a continuation card, was not present. VSN aborts.	Correct problem and retry.	B,J,S	VSN
NO LFN - LFN REQUIRED	User neglected to specify a logical file name.	Correct problem and retry.	B,S	BKSP
NO LFN OR PFN	Conditionally fatal user error (FDB return code = 006B). Neither a logical file name nor permanent file name was specified.	Correct problem and retry.	B,S	PFM 1PD
NO MASTER FOR SNsetname	No master device can be found. setname Set name	Mount master device on a drive or, if set setname is being initialized, enter xx,MD for a member.	D	IRCP
NO MASTER FOUND-LBL	System software error. Bad MTR request	Notify system analyst.	B,J,S	LBL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO MASTER LABEL-LBL	Fatal abort. All files lost. Cannot relabel a device unless there is a good label on MASTER.	Recreate set. Notify system analyst.	B,J,S	LBL
NO MATCHING SMT FOUND-OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
NO MEMORY DUMP ON TAPE (RESTART)	Job aborted. Bad checkpoint tape.	Notify system analyst.	B,J,S	RESTART
NO MST ENTRIES	There are no more entries left in the MST for an additional entry.	Clear the SETNAME for an unneeded set and try again.	D	IRCP
NO MST FOR DEVICE	System error; occurred during deadstart. Mounted set table has been destroyed.	Notify system analyst.	B,J,S	LBL
NO MST FOR DEVICE-LBL	Fatal system software error.	Notify system analyst.	B,J,S	LBL
NO MST ORD, LFN lfn - IGNORED (CKP)	Probable system error.	Notify system analyst.	B,J,S	CKP
NO OF DAMS EXCEEDS NO OF CM RBRS -	Fatal system error. Mount attempted on device with multiple RBRs. Not enough RBR space (for headers) for this EST ordinal.	Notify system analyst.	B,J,S	MNT
NO OUTPUT FILE ON THE COPYN CONTROL CARD	COPYN control statement must specify an output file.	Correct problem and retry.	B,J,S	COPYN
NO PASSWORD SPECIFIED	Fatal user error.	Specify password and retry.	B,J,S	DUMPF
NO PASSWORD SPECIFIED	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
NO PERMISSION TO CALL QAF	Program attempting to use a protected function.	EDITLIB program into system library.	B,J,S	QAF
NO PERMISSION TO CALL SSH	Fatal error. Only a system resident program can call SSH for the requested function.	Corrct problem and retry.	J,S	SSH
NO PERMISSION TO ROUTE THIS FILE	At least read permission is required to route a file.	Correct problem and retry.	B,J,S	DSP
NO PERMISSION TO VERIFY - VERIFY IGNORED	VEJ called by a nonsystem library program. Job terminated.	Remove call to VEJ or add program to system library.	B,J,S	VEJ
NO PF DEVICE IN PF SET NO PF DEVICE IN SYSTEM SET NO QUEUE DEVICE IN QUEUE SET	Informative message.	Give appropriate attribute to at least one member of set.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO PFC SPACE FOR QUEUE FILE	Informative message.	If condition persists, notify system analyst.	B	XDQ
NO PFD DEVICE	Installation error.	Notify system analyst.	B,S	PFA PFC PFE PFP
NO PFN OR LFN	No pfn or lfn specified on a GETPF or SAVEPF call.	Correct problem and retry.	B,J,S	GPF SPF
NO POINTER IN LABEL FOR TABLE	System software error.	Notify system analyst.	B,J,S	TRANSPF
NO PSEUDO EST FOUND FOR EST xx	INTERCOM problem. xx EST ordinal	Notify system analyst.	S	OZZ
NO PUBLIC SETS IN MST	Fatal system error.	Notify system analyst.	B,J,S	DSM
NO RBR WITH GIVEN EST	Fatal system error. RBR scan by EST was unsuccessful.	System analyst should take PP, CM dumps.	B,J,S	MNT
NO RERUN BIT SET, JOB CANNOT BE RERUN	Parity error occurred when job was being rolled in. Job was terminated instead of rerun because the no-rerun bit was set.	No action required.	B,S	6SI
NO ROOM FOR EXTRA CYCLE	Conditionally fatal user (FDB return code = 004B). Permanent file has five cycles (limit).	Purge one cycle of the permanent file and retry.	B,J	1PD LPF
NO ROOM FOR LABEL	Fatal user error.	User should not flaw all of first three RBs, since LABEL must go there.	B,J,S	RELABEL
NO ROOM FOR LFT	Fatal system error.	Notify system analyst.	B,S	RELABEL
NO ROOM FOR PFT	Fatal error. Member has been filled up with PFs. User has flawed previous PFT RB(s).	User should delete a noncritical flaw and rerun job or there is no hope for a RELABEL. If during postdeadstart, operator must redeadstart.	B,J,S	RELABEL
NO xxxxxxxx SET	Informative message. There must be exactly one of the following public sets: system, permanent file default, and queue. Also, there must be at least one scratch set. xxxxxxxx Type of set: SYSTEM, PF DEFAULT, QUEUE, or SCRATCH	Correct problem and try again.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO SPACE IN ECS FOR x...x LIBRARY TABLES	ECS Library space is insufficient to hold library directories.	Notify system analyst.	S	EDITLIB

NO SPACE VSN=vsn DT=dt AL=al P Q S SN=setname	File cannot be assigned as requested. This a variable message in which fields appear only if applicable.
	  vsn Volume serial number
	  dt Device type
	  al Allocation style
	  P Permanent file device
	  Q Queue file device
	  S System file device
		Drop job if space type is not available in system.	B,R	3DO

NO ST PARAMETER	Fatal user error. A GETPF or SAVEPF must have an ST parameter specified.	Correct problem and retry.	B,J,S	GPF SPF
NO SYS PERMISSION	Protect bit is set, disallowing LDL action requested.	Correct problem and retry.		LDL
NO SYSTEM DEVICE	No system device can be found.	Give system device attribute to at least one member of system set.	D	IRCP
NO SYSTEM FILE IN SN setname	The system file ZZZZZ04 was not found on the system device of the system set.	Either specify the correct system device or do a level 0 deadstart.	D	IRCP
NO SYSTEM FILE ZZZZZ04 IN SN setname RECOVERY NOT POSSIBLE	The system file ZZZZZ04 does not exist in the system set setname.	Specify another set as system set, or perform a level 0 deadstart.	D	IRCP
NO SYSTEM FILE ZZZZZ23 IN SN setname LVL 3 DEADSTART IS NOT POSSIBLE	System file ZZZZZ23 does not exist in the system set setname.	Specify another set as the system set, or perform a level 0, 1, or 2 deadstart.	D	IRCP
NO SYSTEM TO ADD TO ECS	Nonfatal user error. No file ZZZZCMR exists from which to build an ECS system. Both F=0 and PO=A were specified on the LDCMR control statement.	To create file ZZZZCMR, use any F option but 0. Omit PO=A if building an ECS system is not desired.	B,J,S	LDCMR
NO TAPE ENTRIES	There are no more entries available in the T.TAPES table.	Delete unneeded tape EST entries and retry.	D	IRCP
NO TAPE REQUESTED	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO TAPE REQUESTED	Fatal user error.	Use DUMTAPE REQUEST statement before DUMPF statement.	B,J,S	DUMPF
NO TAPE TABLE ENTRY-OUX	Fatal system error.	Notify system analyst.	B,J,S	OUX
NO TRAILER LABEL FROM SOURCE	The tape spun off task did not receive standard trailer label records from SCOPE 2. A default trailer label is written by the spun off task.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
NO TYPE2 LABEL	Fatal hardware error.	Notify system analyst.	B,J,S	PFD
NO UNIT NUMBER WITH EQUIPMENT TYPE	Specification of a unit number is not allowed for this type of equipment.	Correct entry and retry.	D	IRCP
NO UNMOUNTED MEMBER FOUND-LBL	Fatal user error. RELABEL can only be run on an unmounted member.	Correct and retry.	B,J,S	LBL
NO URT ENTRIES	There are no more entries available in the T.URT table.	Delete unneeded tape EST entries and retry.	D	IRCP
NO USER CALL TO HDS	User called HDS after a completed deadstart. Illegal call.	Correct and retry.	B,J,S	HDS
NO USER CALLS YET	Fatal user error.	User should not call RELABEL.	B,J,S	RELABEL
NO VALID DIRECTIVES	Directive file is empty, or directives are formatted improperly.	Specify correct directives file and ensure proper format of directives.	J,S	EDITLIB
NO VSN FOUND	During execution of VSN, a VSN, expected to be found on a continuation card, was not present. VSN aborts.	Correct problem and retry.	B,J,S	VSN
NO. WORDS counta NO. OF EOR countb	Informative message indicating counta words and countb system logical records were staged by a permanent file or tape staging spun off task.	No action required.	B,J,S	SOTMSG
NO ZZZZZPK FILE FOUND	Fatal user error. ZZZZZPK file must exist for a job trying to stage a permanent file.	User must not return ZZZZZPK files.	B,J,S	2ST
NO 2XPPU OR CONTROLLER NOT 7154	Operator specified FT recording mode but FT was ignored. Either 2XPPU speed is not available or device does not have access to a 7154 controller.	Either type HT, then return to EST display by typing EST and correct any errors found there, or redeadstart and turn on 2XPPU speed.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NO 2XPPU SPEED/NO FT CONTROLLER ACCESS FOR FULL TRACK MASTER	Fatal error. Master of set has full-track recording mode, but either drive has no 7154 controller access or system does not have 2XPPU in effect.	Move master to a device accessible by a 7154 controller. The RELABEL cannot be performed if 2XPPU speed is unavailable.	B,J,S	RELABEL
NO 2XPPU SPEED/NO FT CONTROLLER ACCESS. FT PARAMETER NOT ALLOWED—GO/DROP	Operator message. Either pack to be labeled is not on a drive accessible by a 7154 controller or system is running with 1XPPU speed.	If operator specifies GO, a half-track label is written. Otherwise, job is dropped.	B,J,S	RELABEL LABELMS
NO 2XPPU SPEED/NO FT CONTROLLER ACCESS. FT PARAMETER NOT ALLOWED	Fatal user error. User specified FT recording mode but device has no 7154 controller access.	Either use HT instead of FT or move FT pack to a drive accessible by a 7154 controller.	B,J,S	RELABEL
NON-NUMERIC OR ZERO FILE COUNT	Number of files to be copied is zero or non-numeric.	Correct problem and retry.	B,S	COPYCF COPYBF
NON-NUMERIC OR ZERO RECORD COUNT	The number of records to be copied is zero or non-numeric.	Correct problem and retry.	B,S	COPYCR COPYBR
NON-NUMERIC POSITION NUMBER – CANNOT POSITION MF	Fatal user error.	Correct problem and retry.	J,S	31M
NON-NUMERIC RECORD COUNT	Number of records to be copied is zero or non-numeric.	Correct problem and retry.	B,S	COPYCR COPYCF COPYBR COPYBF
NON-RMS EST ORD TOO LARGE	EST ordinal of non-RMS device must be less than 100B.	Specify an EST ordinal less than 100B for device.	D	IRCP
NOT A CKP TAPE – lfn	Checkpoint file lfn was requested without CK parameter.	Add CK parameter to request.	B,J,S	RESTART
NOT ALL DEV SHARED SN=setname	Not every member device within set setname is shared on unit level.	Correct problem and retry.	D	IRCP
NOT ALLOWED TO DROP EDITLIB	Once j.GO has been typed, EDITLIB must complete its operation. Job continues.	If j.GO should not have been typed, then wait for EDITLIB to end and then perform an EDITLIB (SYSTEM,RESTORE).	B,S	MDI
NOT CONTROL CARD CALLABLE	Previous control statement names a program that is not control statement callable; control statement error flag set.	Correct problem and retry.	B,J,S	1AJ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NOT ENOUGH BIT TABLE SPACE IN CM	Fatal error. Mount attempted on device with multiple RBRs; unable to continue due to lack of RBR space (for bit tables) for this EST ordinal.	Notify system analyst.	B,J,S	MNT
NOT ENOUGH CORE	Insufficient space in RECOVER field length to accommodate RBR and RBT areas.	Type GO to try again or else rerun job with more field length.	B,S	RECOVER
NOT ENOUGH ECS FOR THIS JOB	Operator message. Insufficient ECS for this job as specified on job statement. Job aborted.	Redeadstart, allocating more direct ECS space.	B,J,S	1IB
NOT ENOUGH FL FOR RB BUFFER	Insufficient central memory to allow RECOVER to accommodate one physical record unit of the permanent file catalog.	Rerun job with larger field length.	B,J	RECOVER
NOT ENOUGH FL TO LOAD RESTART	RESTART field length must be 25000 or greater, depending on field length of checkpoint job.	Correct problem and retry.	B,J,S	RESTART
NOT ENOUGH ROOM IN PP- - HDS	System software error. Bad MTR request.	Notify system analyst.	B,J,S	HDS
NOT ENOUGH SPACE FOR RBR+RBT	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
NOT INITIATED BY OPERATOR	Fatal user error. GEMINI can only be initiated at a cleared control point by the operator.	User should not attempt to start GEMINI.	B,J,S	GEMINI
NOT READY OR NO RING	Specified dump unit is not ready, lacks a write ring, or may be rewinding.	Correct problem and continue.	B	DTS
NOT SAAM FILE - FO PARAMETER IGNORED	FO parameter valid but file is either null or not index sequential (IS), direct access (DA), or actual key (AK) file.	Correct problem and retry.	J	PFC
NOT SYSTEM ORIGIN JOB	Dayfile message indicating that an attempt was made to initiate CYBERLOG from a job other than a system origin job. The job aborts.	No action required.	J	CYBRLOG
NOTE SYSTEM WILL CRASH IF GO RESPONSE ENTERED	Informative message.	Take dump and notify system analyst.	S	EDITLIB
NPUee RESTART	INTERCOM has detected a malfunctioning 255x on equipment ee. All users on that 255x are disconnected. Occurs if more than one 255x on more than one channel are active. ee Equipment number	The operator must acknowledge the message by typing ACK. and then type n.X LISTCID. to list the INTERCOM dumps. The ZZZZZDD file should be evicted then by entering EVICT,ord,	B,R,S	1BR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		where ord is the F display ordinal of file ZZZZZDD. INTERCOM will be reinitiated on the failing NPU automatically.		
NT xx message	Some messages apply both to seven track (MT) units and to nine-track (NT) units. Either MT or NT can appear as the prefix on the message. These messages are listed under MT. xx Tape EST ordinal	Refer to the identically worded message under MT.		
$NTxx IS READ-ONLY. TYPE J.NO AND REASSIGN	Operator message. User did not specify NORING on REQUEST statement, but operator assigned tape to a read-only unit. A read-only unit can be assigned only when NORING is requested. xx Tape EST ordinal	Reassign tape to another unit or unload tape, remove ring, and reload.	B	REQ 6IM
$NTxx REJECT	System hardware error. Operator attempted to assign tape unit xx, but unit was unavailable. Either a switch was set so unit could not be accessed or unit failed.	Notify customer engineer.	B	COMSUB
NTxx 6WM ER 1CR RC	6WM returned control to 1CR when 1CR tried to have 6WM issue a fatal error message (ERRN8). xx Tape EST ordinal	Nofity system analyst.	B,S	1CR
NUMBER EXCEEDS 5-DIGIT LIMIT 99999 USED	Informative message.	Correct problem and retry.	S	EDITLIB
NUMBER OF RECORDS GREATER THAN 262143D	Second parameter of a SKIP control statement exceeded maximum number of allowable records.	Correct problem and retry.	B,S	SKIPF SKIPB
OBJECT DECK CONTAINS ONLY A PREFIX TABLE	Fatal error.	Regenerate the binary and retry.	S	EDITLIB
OCC ERROR -	Correction statement format is incorrect.	Correct problem and retry.	B,S	LOC
OCTAL FIELD CONTAINS A NAME	Informative message.	Correct problem and retry.	S	EDITLIB
OCTAL FIELD CONTAINS DECIMAL DIGITS	Informative message.	Correct problem and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
OLD LABEL ON = rbn	Informative message. rbn Record block number	No action required.	B,J,S	LBL
OLD MASTER FILE EMPTY OR MISPOSITIONED	Informative diagnostic. None of the replacement file records were copied to the new file.	Correct problem and retry.	S,J,B	COPYL/ COPYLM
OLD OR NEW PARAMETER MISSING / DELIMITER FOLLOWS A DELIMITER.	Informative message.	Correct problem and retry.	S	EDITLIB
OLD VSN = vsn	Informative message. vsn Volume serial number	No action required.	B,J,S	LBL
ONLY DEBUG MODE MAY RUN AT INTERCOM CONTROL POINT.	Interactive use of PASSWRD is not allowed to modify the password file.	Use PASSWRD from a batch job.	S,J	PASSWRD
ONLY EDITLIB LOADED FROM THE SYSTEM LIBRARY MAY DO THIS OPERATION	Because it can modify running system, MDI must be protected from unauthorized calls. In this case, a program not loaded totally from system library (not EDITLIB) tried to issue an MDI request.	System EDITLIB cannot be used from a user library. No action possible.	J,S	MDI
ONLY LFN SYSTEM CAN BE MODIFIED	Informative message.	Correct problem and retry.	S	EDITLIB
ONLY ONE RECORDING MODE MAY BE SPECIFIED	Fatal user error. User specified both FT and HT parameters.	Remove parameter that does not apply to pack.	B,J,S	SETCCP PFCCP
ONLY THE RUNNING SYSTEM CAN BE MODIFIED	Informative message.	Correct problem and retry.	S	EDITLIB
ONLY 0-9,*NEXT*,*END*, OR *CYB*, ALLOWED	A format error was made for an entry on the editing display in response to the CYBERLOG display.	Reenter the digit or command in the correct format.	L	CYBRLOG
OP. DROPPED RC.recno,CD.cardno	Informative message. Operator issued /END command for card reader during read of card number cardno in record number recno.	No action required.	J	1IR
OPERATOR DISMOUNT COMPLETE	Acknowledgment of successful DMNT.	No action required. Successful dismount has been performed.	B,J,S	DMNT
OPERATOR DROP	Operator has dropped job.	Correct problem and retry and/or notify system analyst.	B,J,S	1EJ RPV
OPERATOR REMOUNT COMPLETE	Acknowledgment of successful remount.	No action required.	B,J,S	DMNT RMNT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
OSB NOT FOUND ON TAPE.	The deadstart tape does not contain the operating system bootstrap program.	Verify that the operating system is on the deadstart tape and redeadstart. If message persists, notify system analyst.	D	EBL
OUT OF RANGE	Parameter in command typed in is illegal.	Correct problem and retry.	B,J,S	DIS
OUX NOT USER CALLABLE	Fatal user error.	User should not attempt to use PP routine.	B,J,S	OUX
OVERSIZE WORD COUNT FOR IAP	User error. A word count parameter greater than 64 was passed to IAP.	Correct error and retry.	B,J,S	IAP
P SPACE LOW SN=setname	The number of record blocks available for permanent files on the public set indicated has dropped to or fallen below the first (higher) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
P SPACE NOT LOW SN=setname	The number of record blocks available for permanent files on the public set indicated has risen above the first (higher) system defined threshold. setname Set name	Type ACK. to clear message.	R	2RN
P SPACE NOT OUT SN=setname	The number of record blocks available for permanent files on the public set indicated has risen above the second (lower) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
P SPACE OUT SN=setname	The number of record blocks available for permanent files on the public set indicated has dropped to or fallen below the second (lower) system defined threshold. The system is now in step mode. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
PACK ON EST = xx REMOVED BY DMNT, RMNT REQUIRED	Operator initiated DMNT utility to allow removal of the pack on device with EST ordinal xx. A job has now attempted to mount the pack before RMNT has made the device available again.	If conditions are such that pack cannot be used by this job, type n.DROP. Otherwise, the job will remain swapped out until RMNT is successfully completed.	B,J,S	MNT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
**** PAK ABORTED ****	Fatal user or system error.	Notify system analyst.	B,J,S	PAK
PAK USER CALL ILLEGAL	PAK can be called only by system routines.	Remove PAK call from user program.	B,J,S	PAK
PARAM LIST TOO LONG (CKP)	Value of n in user parameter exceeds 42 (decimal). CKP request refused.	Reduce number of files used.	B,J,S	CKP
PARAMETER COUNT IS GREATER THAN 4	Too many parameters on SKIP control statement.	Correct problem and retry.	B,S	SKIPF SKIPB
PARAMETER ERROR	Informative message.	No action required.	B,S	DLM
PARAMETER ERROR	Error in BCPROC parameters.	Correct error and rerun job.	B,J,S	BCPROC BCLOAD
PARAMETER ERROR IN STS	Invalid parameter supplied in STS call. STS is used by CP program to obtain certain status.	Correct problem and retry.	B,J,S	STS
PARAMETER EXCEEDS 9 CHAR	User error.	Correct problem and retry.	B,S	PFCCP
PARAMETER F OR P INVALID WHEN RECORD NAME PRESENT	User error.	Correct problem and retry.	S	EDITLIB
PARAMETER INVALID – SN=setname or PARAMETER INVALID – VSN=vsn	System detected invalid parameter. SN or VSN is not alphanumeric. SN first character must also be alphabetic. setname Set name vsn Volume serial number	Correct problem and retry.	B,S	ADS
PARAMETER MEANINGLESS W/O EQUIVALENCE	Nonfatal user error. A control statement parameter should be followed by an equal sign, but was not. Parameter is ignored.	Check statement parameters for error and add an equal sign and an appropriate value to incorrect parameter.	B,J	COMQARG
PARAMETER OUT OF RANGE	Parameter passed to routine is not within job's field length.	Correct problem and retry.	B,J,S	GEJ IUP LDC MUJ
PARAMETER OUT OF RANGE	Error in call to either peripheral processor routine IUP or peripheral processor routine MUJ.	Notify system analyst.	B,J,S	IUP MUJ
PARAMETER OUT OF RANGE IN MES	Error in peripheral processor routine MES.	Notify system analyst.	B,J,S	MES

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PARAMETER TOO LONG, 8TH CHAR IN COLUMN nn	Informative message. nn Column number	No action required.	B,J,S	COPYN
PARAMETER WORD OUTSIDE USER FL	REQ parameter list is outside user's field length; job terminates.	Correct problem and retry.	B,S	REQ
PARITY ERROR	Parity error occurred during read of an ECS buffered file; error may be in ECS or on RMS device.	Notify system analyst.	B,S	CEM 6WM
PARITY ERROR IN ROLLIN	Job is automatically rerun if no-rerun bit is clear; otherwise job terminates.	No action required.	B,S	6SI
PARITY ERROR K=length XO=addr	An ECS parity error on a read of length indicated and starting at address addr was detected.	Notify customer engineer.	B,J,S	LDCMR
PARITY ERROR ON DATA RCVD FROM EXT CHANNEL.	A parity error was detected on data received from an external channel.	Notify system analyst and customer engineer.	D	SCE
PARITY ERROR ON DATA XMTD FROM EXTENAL PP.	A parity error was detected on data transmitted from a PP.	Notify system analyst and customer engineer.	D	SCE

PARITY ERROR ON READING table
DEV xx device CHcc EQe UNuu
 	
OPTIONS
  EST - DISPLAY EST AND RESTART
        RMS LABEL PROCESSING
  REP - TRY AGAIN (ASSUMED)
RBR RB PRU DVST CVST ADR-REG
rbr rb pru iiii jjjj kkkk kkkk
	Informative message.
	table One of the following tables:
	             DAM
	             LFT
	             PFC
	             PFD
	             SMT
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
	rbr RBR ordinal
	rb Record block number
	pru PRU number
	iiii Device status
	jjjj Converter status
	kkkkkkkk Hardware address
		Enter one of the options listed in the message.	D	IRCP

PARITY IN HEADER-WILL NOT RELOAD FILE	Nonfatal hardware error. Permanent file will not be reloaded.	No action required.	B,J,S	LOADPF
PARTIAL EDITLIB - INSUFFICIENT CM	Informative message.	Notify system analyst.	S	EDITLIB
PARTIAL EDITLIB PERFORMED - SYSTEM MAY BE INOPERATIVE	Informative message.	Notify system analyst.	S	EDITLIB
PARTIAL WORD FOUND ON S/L TAPE COPY TO SCOPE FILE lfn UNUSED BITS CLEARED	Informative message.	No action required.	B,J,S	COPYBF COPYBR COPYCF COPYCR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PASSWORD FILE ERROR, RETURN CODE = xxB	SEND or SITUATE detected permanent file error xx. Refer to FDB return codes on the inside front cover.	Correct problem and retry.	S,J	SEND, SITUATE
PASSWORD FILE PROBLEMS	SEND or SITUATE detected errors in the INTERCOM password file.	Notify site analyst.	S,J	SEND, SITUATE
PASSWRD CONTROL CARD ERROR.	The PASSWRD control card has an illegal parameter. Refer to PASSWRD in the NOS/BE Installation Handbook.	Correct parameter error.	S,J	PASSWRD
PASSWRD NEW RUN ILLEGAL WHILE INTERCOM UP.	PASSWRD cannot create a new password file while INTERCOM is running.	Drop INTERCOM before running PASSWRD.	S,J	PASSWRD
PAUSE message	Operator message. A user job is waiting for operator action.	Follow instruction. Resume job with j.GO.	B,J,S	
PCM ALLOCATION BAD	Informative message; permanent file catalog allocation map is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER
PERIOD REQUIRED	A comment entry on the editing display for CYBERLOG did not terminate with a period.	Enter a period.	L	CYBRLOG
PERM FILE ERROR xxxB	PASSWRD detected permanent file error xxx. Refer to the inside front cover for the FDB return codes.	Correct problem and retry.	S,J	PASSWRD
PERM PACK NEEDED TO RESTART JOB (CKP) FILE NAME lfn SET NAME setname VSN vsn	Informative message. lfn File name setname Set name vsn Volume serial number	No action required.	B,J,S	CKP
PERMANENT FILE ERROR RETURN CODE ec	Informative message. ec Error code (Refer to the FDB return codes on the inside front cover.)	No action required.	B,J,S	LOADPF
PERMISSION FILE ATTACH ABORTED. RC=ec	Error is identified by the return codes defined for FDB. Refer to the inside front cover. ec Error code	Correct problem and retry.	B,J,S	DUMPF LOADPF TRANSPF
PERMISSION FILE NOT CATALOGED	Fatal user error.	Catalog file and retry.	B,J,S	DUMPF LOADPF TRANSPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PF ABORT	Fatal user error.	Refer to message issued immediately before this one.	B,J,S	PFC 1FC PFA LPF PFP PFE PFR PFS 1PD
PF ALREADY ATTACHED	Conditionally fatal user error (FDB return code = 024B). Error code passed to 1PD by PFA. Permanent file specified by permanent file name, identifier, and cycle number has already been attached by this job.	Correct problem and retry.	B,J,S	1PD
PF CYCLE NO. = cy	If LC was specified, no CY was specified, or CY value was not usable; generated cycle number cy was used.	No action required.	B,J,S	PFA PFC
PF ERROR-ATTACH	Attempt to attach latest cycle of DAYFILE failed.	Correct problem and retry.	B,S	1DF
PF ERROR-CATALOG	Attempt to catalog new cycle of DAYFILE failed.	Correct problem and retry.	B,S	1DF
PF ERROR-PURGE	Attempt to purge old cycle of DAYFILE failed.	Correct problem and retry.	B,S	1DF
PF NAME- - - -	Informative message.	No action required.	B,J,S	LOADPF
PF REQUESTED. SHOULD xx BE ASSIGNED	User REQUEST is for permanent file devices; operator assigned non-PF device. xx EST ordinal	Typing n.YES allows job to continue. Typing n.NO allows for reassignment to correct device type.	B,J,S	6IM
PFx SYS ERR, CODE ec	System error occurred in permanent file routine PFx. Reliability of permanent file manager is in doubt. Error type is indicated by code ec: 01 PFD entry count error 02 RBTC entry length in error 03 Cycle not found 04 First word of RBTC PRU in error 05 Bad PFD FNT 06 Bad RBTC FNT 07 Bad status returned in PFT FNT 08 Purge-on-not-in-use entry 09 Bad PFA cycle search 10 System error, bad FNT	Notify system analyst.	B,S	PFA PFC PFE PFP PFR PFS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	11 Bad PFD pointer in RBTC			
	12 Bad cycle number in RBTC			
	13 Interlock problem			
	14 Bad RBTC pointer			
	15 Duplicate APF entry			
	16 Bad LPF communication			
	17 Illegal function attempted on incomplete cycle			
	18 CM chain shorter than RBTC chain			
	19 RBT-RBTC chains are not equal			
	20 FNT address invalid			
	21 Bad PRU index			
	30 No DUMFNT FNT			
	40 VSN not found in SMT			
	41 First WP byte count is not 3			
	42 RBR ordinal out of range			
	43 No EST match in DDT			
	44 No EST match in RBR			
	45 Bad DAM ordinal			
	46 Bad MST ordinal or VSN			
	47 No corresponding RBR			
PFC ALLOCATION BAD	Informative message; permanent file catalog is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER
PFC RB CHAIN BAD	Fatal abort. First RB of chain does not match RB number on which it is recorded.	Notify system analyst.	B,J,S	RECOVER
PFC RB COUNT BAD	Fatal abort. Length of chain is different from expected length.	Notify system analyst.	B,J,S	RECOVER
PFC - RBR MISMATCH ON 　DEVxx device CHcc EQe UNuu 　VSN vsn OF SN setname 　RBR ORD rbr RB rb OPTIONS 　GO - STOP ON ALL MISMATCHES 　ALL- DO NOT STOP ON ANY MISMATCHES 　　　FOR THE SET	PFC - RBR mismatch on a nonshared set. xx　　　EST ordinal device　Device name cc　　　Channel number e　　　　Equipment number uu　　　Unit number vsn　　　Volume serial number setname　Set name rbr　　　RBR ordinal rb　　　Record block number	Enter one of the options listed in the message.	D	IRCP
PFC - RBR MISMATCH ON 　DEVxx device CHcc EQe UNuu 　VSN vsn OF SN setname 　RBR ORD rbr RB rb 　RECOVERY NOT POSSIBLE 　EXECUTE -RECOVER- ON ANOTHER MAINFRAME 　AND PERFORM LEVEL 0 OR 1 DEADSTART	PFC-RBR mismatch on a shared set. xx　　　EST ordinal device　Device name cc　　　Channel number e　　　　Equipment number uu　　　Unit number vsn　　　Volume serial number setname　Set name rbr　　　RBR ordinal rb　　　Record block number	Follow the instructions given in the message.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PFD ALLOCATION BAD	Informative message; permanent file directory is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER
PFD- -DUPLICATE LOCAL FILE NAME	Fatal system software error.	Notify system analyst.	B,J,S	PFD
PFD FULL	Conditionally fatal user error (FDB return code = 016B). Particular permanent file will not be loaded.	Notify system analyst.	J	1PD LPF
PFD- -ILLEGAL CODE	Fatal system software error.	Notify system analyst.	B,J,S	PFD
PFD- -ILLEGAL LOCAL FILE NAME	Fatal system software error.	Notify system analyst.	B,J,S	PFD
PFD JOB NOT CALLED BY OPERATOR	Fatal user error.	CONVPF and PFDUMP can only be initiated via DIS or N.X.	B,J,S	PFD
PFD-NO EMPTY RBT PAIRS	Fatal system software error.	Retry.	B,J,S	PFD
PFD-NONEXISTENT LOCAL FILE NAME	Fatal system software error.	Notify system analyst.	B,J,S	PFD
PFD NOT CALLED BY SYSTEM OVERLAY	Fatal user error.	Do not try to use PP routine. Notify system analyst.	B,J,S	PFD
PFD- -PARAMETER ADDRESS OUT OF RANGE	Fatal system software error.	Notify system analyst.	B,J,S	PFD
PFD POINTERS NOT EQUAL IN PRF/PFC-OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
PFD RB CHAIN BAD	Fatal abort. First RB of chain does not match RB number on which it is recorded.	Notify system analyst.	B,J,S	RECOVER
PFD RB COUNT BAD	Fatal abort. Length of chain is different from expected length.	Notify system analyst.	B,J,S	RECOVER
PFD-SET NOT MOUNTED	Fatal operator error.	Mount user set and retry.	B,J,S	PFD
PFLOG ABORT	Informative message.	Refer to accompanying messages.	B,J,S	PFLOG
PFLOG COMPLETE	Informative message.	No action required.	B,J,S	PFLOG
PFLOG COULD NOT ATTACH PERMISSION FILE	Fatal user error. Permission file was not cataloged.	Correct problem and retry.	B,J,S	PFLOG
PFLOG - FORCED EOV DUE TO PARITY ERROR	Informative message. PFLOG detected a parity error while writing LOGTAPE. The tape has been unloaded.	Prepare to mount a new tape. Another message will request one.	B,J,S	PFLOG

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PFLOG - INCORRECT PERMISSION	Fatal user error. User supplied wrong password.	Correct problem and retry.	B,J,S	PFLOG
PFLOG - INCORRECT PERMISSION	Fatal user error.	Correct problem and retry.	B,J,S	PFLOG
PFLOG - INVALID MESSAGE CODE	Fatal software error.	Notify system analyst.	B,J,S	PFLOG
PFM STOPPED BY SYSTEM	Fatal system error (FDB return code = 070B). Error code passed to 1PD by PFM routines.	Correct problem noted in previous message(s) and retry.	J	1PD
PFM SYSTEM ERROR	Permanent file manager system error resulting in conditionally hung PP. A subsequent message describes the error in more detail.	Notify system analyst who should take dumps of lower 20 K and RBT area of central memory, a PFDUMP, and a permanent file audit.	B,J,S	1PC
PFN ERROR ecB, CONSULT LOADPF OUTPUT	Error code ec returned to LOADPF by LPF (mode1) or 1FC. File is skipped. ec FDB return code (refer to the inside front cover.)	Consult LOADPF output listing for name and ID of file skipped.	B,J,S	LOADPF
PFN EXCEEDS 40 CHARS	PFN is too many characters long.	Correct problem and retry.	B,J,S	PFCCP
PFN/ID ERROR	Conditionally fatal user error (FDB error code = 001B). ID of SYSTEM was specified on initial CATALOG or RENAME attempt, or ID of PUBLIC was specified on initial CATALOG or RENAME attempt without public permission password, or an illegal character was found in ID or PFN.	Correct problem and retry.	B,J	1PD
PFN/ID ERROR	Permanent file name or ID contains non-alphanumeric characters.	Correct problem and retry.	B,J,S	PFR PFC
PFN IS pfn	Informative message. If permanent file name pfn was assumed, name will be printed as part of message.	No action required.	B,J,S	PFC PFA 1FC
PFN=pfna TYPE N.CFO Y OR NEW PFN	The deadstart spun off task is displaying the name of the permanent file pfna which is to be used for SCOPE 2 deadstart.	Type n.CFO Y to use permanent file pfna or n.CFO pfnb to use permanent file pfnb. n is the control point number of the deadstart spun off task.	B,J,S	SOTDS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PHYSICAL/LOGICAL POSITIONS DISAGREE	Informative message. Tape file is not physically positioned at load point, although logical PRU count indicates that it should be. 1R2 encountered load point after backspace.	No action required.	B,J,S	1TO 6WM 1R2
PIDL TABLE NOT PRESENT	Informative message.	Regenerate the binaries and retry.	S	EDITLIB
PLEASE ENTER TIME	Informative message.	Enter time for INTERCOM.	S	1I1
PNT FOUND EMPTY. LIBRARY IS INVALID.	Nonfatal error.	Ensure that library being modified is not empty.	S	EDITLIB
PNT OVERFLOW	More than 2047 programs in program name table.	Correct problem and retry.	S	EDITLIB
PNUT OVERFLOW	Indicates EDITLIB program error.	Notify system analyst.	S	EDITLIB
PO=A OPTION IGNORED	Informative message. PO=A parameter on LDCMR control statement was ignored because CMR was on input file; system was not added to ECS.	In order to put segments into ECS, segments must be based on CMR currently in use.	B,J,S	LDCMR
PO=I ON INITIAL LDCMR	Fatal user error. Parameter PO=I is required with first execution of LDCMR and invalid on subsequent executions. Either PO=I was required and was not present or it was invalid and was present.	If this is first execution of LDCMR, add PO=I to LDCMR control statement. If this is a subsequent execution, remove PO=I from control statement.	B,J,S	LDCMR
PO=P WITHOUT INPUT FILE	Fatal user error. Parameter PO=P was specified, but no LDCMR input file was created. No file was indicated with an F parameter.	Add an F=lfn parameter to LDCMR control statement.	B,J,S	LDCMR
PORT pn EST xx BAD MULTIPLEXER SUBTABLE ENTRY	INTERCOM problem. pn Port number xx EST ordinal	Notify system analyst.	B,J,S	1I1
POSITION NOT FOUND IN MULTI-FILE SET	Fatal error. Position desired was missing in multifile set.	Recreate multifile set correctly and retry.	B,J,S	3IM
POSITION UNCERTAIN ON MULTIFILE	Fatal error. The tape unit backed the tape to load-point, but the position number is greater than one. Probable hardware error.	Try job on a different unit. If error persists, notify system analyst.	B,J,S	3IM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
POSITION UNCERTAIN, READY DROPPED DURING LAST OP	Fatal error.	Notify system analyst.	B,J,S	3IM
PPp rte n - BAD MTR REQUEST	Operator message. p Peripheral processor number rte Routine n Control point number	Type ACK to acknowledge, record problem, and notify analyst. Do not try to resolve problem.	R	MTR
PP CALL ERROR	Job terminated because central processor requested PP program with name that did not begin with a letter. May also indicate an invalid parameter in RA+1.	Correct problem and retry.	B,J,S	1EJ RPV
PPp MEMORY PARITY ERROR	Parity error detected in PPp. p Peripheral processor number	Notify customer engineer.	R	1SC
PP PGM NAME TABLE IS EMPTY	Informative message.	Ensure that peripheral processor library is not empty and retry.	S	EDITLIB
PP PROGRAM ALREADY IN PP LIBRARY	Fatal error.	Correct EDITLIB directives and retry.	S	EDITLIB
PP PROGRAMS NOT IN PPLIB CANNOT BE ACCESSED BY PP RESIDENT	Fatal error.	Ensure that peripheral processor programs are put into the PP library.	S	EDITLIB
PP pp STOPPED ON PARITY ERROR - PPM	Peripheral processor pp has stopped because of a memory parity error.	Notify system analyst and customer engineer.	D	SCE
PPLIB IS BOTH SOURCE AND DESTINATION LIBRARY	Fatal error.	Correct problem and retry.	B,S	EDITLIB
PPU ERROR	A hadware error was detected in a PPU.	Notify system analyst and customer engineer.	D	SCE
PPO	System fatal error.	Record problem and notify system analyst. Do not try to unhang system, as this may make the error more difficult to trace.	R	MTR
PR ID = ownername PFN = pfn PR CY = cy SN=setname size WORDS.	Informative accounting message issued when file is purged. ownername Owner name pfn Permanent file name cy Cycle number setname Set name of device on which file resides size File size (decimal)	No action required.	B,J,S	6PM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PRE-DAYFILE FILE NOT FOUND - ROUTING IGNORED	Predayfile specified but not found.	Correct problem and retry.	B,J,S	DSP
PRE-DAYFILE LFN AND NO DC=IN ROUTE IGNORED	Predayfile lfn can only be specified for DC=IN type jobs.	Correct problem and retry.	B,J,S	DSP
PREFIX TABLE MISSING OR RECORD IS NOT AN OBJECT DECK	Fatal error.	Correct problem and retry.	B,S	EDITLIB
PREFIX TABLE MUST BE AT LEAST 7 WORDS LONG. BINARY SKIPPED	Warning message.	Regenerate the library and retry.	S	EDITLIB
PREMATURE END OF INFORMATION FILE NAME - lfn	Fatal error. During a tape repositioning operation on file lfn, RESTART unexpectedly encountered end of information.	Check for assignment of incorrect reel or possible alteration of the tape after checkpoint was taken.	B,J,S	RESTART
PREMATURE END OF VOLUME FILE NAME - lfn	Fatal error. During a tape repositioning operation on file lfn, RESTART unexpectedly encountered end of volume.	Check for assignment of incorrect reel or possible alteration of the tape after checkpoint was taken.	B,J,S	RESTART
PREMATURE EOF ENCOUNTERED.	PASSWRD has detected an unexpected EOF in the password file.	Notify site analyst.	S,J	PASSWRD
(PREVIOUS ERROR CONDITION RESET)	RPV has reset the error flag and user exchange package.	No action required.	B,J,S	RPV
PRIORITY SPECIFICATION IGNORED	Priority specified is invalid. System will assign priority.	No action required.	B,J,S	DSP
PROBLEM FILES FOUND	Informative message. See RECOVERY output for detailed error listing.	For public sets, notify system analyst. For private sets, notify set owner.	B,J,S	RECOVER
PROCESSING DIRECTIVE NUMBER dn	Informative message. dn Directive number	No action required.	S	EDITLIB
PROCESSING DIRECTIVES	Informative message.	No action required.	B,J,S	DUMPF
PROGRAM MAX REACHED. ADJUST MAXLPPNT IN EDITLIB - INSTALL NEW VER.	Fatal error.	Recompile EDITLIB with a larger value for MAXLPPNT and retry.	S	EDITLIB
PSI CHECKPOINT INITIATED	Operator message. Environmental conditions are abnormal and emergency power shutdown is imminent. A system level checkpoint has been initiated.	Acknowledge message and wait for PSI CONDITION CLEARED message to appear. Notify customer engineer.	R	1SC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
PSI CONDITION CLEARED	Operator message. Environmental conditions have returned to normal without causing a power interruption.	Enter RESUME command to restart normal operations.	R	1SC
PUBLIC DEVICE SET NOT MOUNTED. FATAL ERROR	System software error.	Notify system analyst.	B,J,S	RECOVER
PUBLIC SET setname NOT MOUNTED RECOVERY NOT POSSIBLE	Informative message.	Mount devices or perform a level 0 or 1 deadstart.	D	IRCP
PURGE A CYCLE OF ZZZZCMR THEN TYPE N.GO	There are five cycles of ZZZZCMR with ID=SYSTEM. LDCMR cannot continue until one has been purged.	Purge a cycle of file ZZZZCMR or drop job.	B,J,S	LDCMR
PURGE pfn FAILED – PF RETURN CODE ec	Attempt to purge file pfn resulted in FDB return code ec. (Refer to the inside front cover.)	Notify system analyst.	S	TDS
PURGING ALL ZZZZCMR FILES	Informative message. Issued at deadstart when date time stamp on lowest cycle of ZZZZCMR does not match that in T.ENTRY+W.DTIME of CMR.	No action required.	B,D,S	LDCMR
PURGING CROSSED RB SYSTEM FILES	The current job is purging a system file with a crossed RB (a record block to which the system has assigned more than one file). A mode 5 RECOVER run can follow but will not show the crossed RB file. A subsequent level 0 or 1 deadstart may indicate a file that had crossed RBs but no longer does.	No action required.	B,S	TDS
Q ATTRIBUTE ILLEGAL ON PRIVATE DEVICE SET	Fatal user error. Q attribute cannot be specified for private device sets.	Remove *Q from ADDSET.	B,J,S	ADS
Q FILES CANNOT RESIDE ON PRIVATE DEVICE SETS.	Fatal error code 26 returned to REQ calling routine.	Specify a public device set or default to system queue device.	J,S	REQ 7RQ
Q IGNORED FOR REQUEST ON PRIVATE PACK.	Informative message. *Q and *PF occurred in a REQUEST statement but SN specified a private device set.	None.	J,S	REQ 7RQ
Q REQUESTED. SHOULD xx BE ASSIGNED	Q device requested; EST ordinal xx is on-Q.	Depending on site procedures, type n.YES or n.NO.	B,S	REQ
Q SPACE LOW SN=setname	The number of record blocks available for queue files on the public set indicated has dropped to or fallen below the first (higher) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's	R	2RN

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		Guide.		
Q SPACE NOT LOW SN=setname	The number of record blocks available for queue files on the public set indicated has risen above the first (higher) system defined threshold. setname Set name	Type ACK. to clear message.	R	2RN
Q SPACE NOT OUT SN=setname	The number of record blocks available for queue files on the public set indicated has risen above the second (lower) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
Q SPACE OUT SN=setname	The number of record blocks available for queue files on the public set indicated has dropped to or fallen below the second (lower) system defined threshold. The system is now in step mode. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
QUAD m-n FATAL SECDED ERROR	Operator message. Double-bit central memory error in quadrant m of CSU n.	Note quadrant and CSU numbers. Acknowledge message and wait for CHECKPOINT COMPLETE message. Notify customer engineer.	R	1SC
QUEDUMP TERMINATED BY OPERATOR	Informative message.	No action required.	B,J,S	QUEDUMP
QUEUE FILES DROPPED FROM FNT TYPE GO TO CONTINUE lfn1 lfn2 lfn3	FNT entries have been deleted for input or output files with outstanding 1QF calls. lfn File name	Type GO to continue deadstart recovery.	D	IRCP
RANDOM FILE IS INVOLVED (CKP)	CHECKPT/RESTART cannot handle nonpermanent random files.	Either catalog file or change its organization.	B,J,S	CKP

RB CONFLICT ON
  DEVxx device CHcc EQe UNuu
  VSN vsn OF SN setname
  RBR ORD rbr RB rb
  RECOVERY NOT POSSIBLE
	Informative message.
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
	vsn Volume serial number
	setname Set name
	rbr RBR ordinal
	rb Record block number
		Perform a level 1 deadstart.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
RB rb IN RBR rbr AT RBT LOC addr WAS NOT SET TYPE GO TO CONTINUE	Informative message. rb Record block number rbr RBR ordinal addr RBT address	Type GO to use RB. Otherwise, redeadstart.	D	IRCP
RB SIZE TOO SMALL FOR THE FIRST RBR OF EACH DEVICE	User error. The number of PRUs per RB specified on allocation input card must be greater than or equal to 2.	Correct problem and retry.	B,J,S	LABELMS
RBO ILLEGAL-LABELMS	Fatal system error.	Notify system analyst.	B,S	LABELMS
RBR DIRECTIVES ILLEGAL FOR 819 DEVICE	Fatal user error.	Remove directives and retry.	B,J,S	LABELMS
RBR ENTRY FOR EST NOT FOUND - DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
RBR HEADER NOT FOUND	Fatal system error.	Notify system analyst.	B,S	RECOVER
RBR NOT FOUND	Fatal system error. RBR scan by EST unsuccessful.	System analyst should take PP and CM dumps.	B,J,S	LBL
RBR ORDINAL INVALID AT RBT LOC addr TYPE GO TO CONTINUE	Informative message. addr RBT address	Type GO to end validation of this word pair chain.	D	IRCP
RBR PRU ERROR	INTERCOM problem.	Notify system anayst.	B,J,S	1I1
RBR TOO LARGE - LABELMS	Fatal system error. Flaw table requires bit table less than or equal to 64 words.	Notify system analyst.	B,J,S	LABELMS
RBT CHAIN TOO LARGE FOR PFC	Fatal user error. (FDB return code = 042B.) Error code passed to 1PD by PFE, PFC. Number of word pairs assigned to file is too large for PFC table.	Correct problem and retry.	J	1PD
RBT CHANNEL WAS RESERVED RBT CHAINS MAY BE BAD TYPE GO TO CONTINUE	Informative message.	Notify system analyst.	D	IRCP
RBT DELIMITER LOST RECOVERY ABORTED	RBT area unrecoverable.	Perform a level 0 or 1 deadstart.	D	IRCP
RBT-RBTC DISAGREE	System error; conditionally hung PP if file resides on system, queue, or permanent file default pack.	If PP is hung, notify system analyst; otherwise, no action is required. If the file is on a user pack and an attempt is made to attach the file, PFA will request that the operator run RECOVER.	B,J,S	1PC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
RBTC FILE ERROR	Fatal system software error.	Retry.	B,J,S	DUMPF
READ ERROR STATUS - DSM	Device hardware problems.	Notify system analyst.	B,J,S	DSM
READ-FN. BEG 1P TID=tid or END	This message indicates the beginning or the ending of an INTERCOM 5 remote batch input file that is being read as the result of a READ,filename command. tid Terminal ID of the terminal using the file.	No action required.	S	1NP
READ OR SKIPF AFTER WRITE	Returns to user if EP bit is set, otherwise fatal.	Correct problem and retry.	J,S	3IM 6WM
READ PARITY ERROR IRRECOVERABLE	Control returned to user if EP bit is set; otherwise waits for operator response.	Type GO to ignore parity error; type RECHECK to try to reread bad block.	B,J,S	3IM
READ PARITY ERROR RECOVERED	Informative message.	No action required.	J,S	3IM
READ PERMISSION NOT GRANTED	Fatal error, code 22. Read function issued to a file for which read permission was not granted.	Correct problem and retry.	B,S	6WM
READ PYRAMID PARITY ERROR	Parity error on data from CM to PPU.	Notify customer engineer.	R	1SC
READ PYRAMID PARITY ERROR	A parity error was detected in a read pyramid.	Notify system analyst and customer engineer.	D	SCE
READ RECORD BLOCK ERROR	Fatal system software error.	Retry.	B,J,S	PFD
READ/WRITE PRU ERROR	Fatal hardware error.	Notify system analyst.	B,S	RECOVER
READING DAM CHAIN	Informative message.	No action required.	B,S	RECOVER
READING FLW CHAIN	Informative message.	No action required.	B,S	RECOVER
READING FLW TABLE	Informative message.	No action required.	B,S	RECOVER
READING PAM	Informative message.	No action required.	B,S	RECOVER
READING PFC CHAIN	Informative message.	No action required.	B,S	RECOVER
READING PFD CHAIN	Informative message.	No action required.	B,S	RECOVER
READY MUST PRECEDE A CHANGE	Informative message.	Correct problem and retry.	S	EDITLIB
READY MUST PRECEDE A COMPLETE	Informative message.	Correct problem and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
READY MUST PRECEDE A INCLUDE	Informative message.	Correct problem and retry.	S	EDITLIB
READY MUST PRECEDE A INCLUDEP	Informative message.	Correct problem and retry.	S	EDITLIB
READY MUST PRECEDE A LISTLNT	Informative message.	Correct problem and retry.	S	EDITLIB
READY MUST PRECEDE A REMOVE	Informative message.	Correct problem and retry.	S	EDITLIB
READY MUST PRECEDE A TRANSFER	Informative message.	Correct problem and retry.	S	EDITLIB
READY OR LIBRARY MUST PRECEDE A MOVE	Informative message.	Correct problem and retry.	S	EDITLIB
REASON FOR SSF CALL UNKNOWN	Only known way to get this message is to call SSF without recall and then change a function code before function has been completed.	Correct problem and retry.	B,J,S	SSF
REASSEMBLE MTR WITH IP.XJ=0	MTR is assembled with IP.XJ .GT. 0 and CMR is assembled with IP.XJ .LE. 0. This combination cannot be used.	Notify system analyst.	D	MTR
REC LEVEL 1-16 LOST TO S/L TAPE OUTPUT	Informative message.	No action required.	B,J,S	COPYBR COPYCR COPYBF COPYCF
RECORD COUNT GT 2**18-1	Informative message.	Reduce record count to 2**18-1 or less and retry.	B,J,S	COPYCR COPYBR
RECORD FRAGMENT	Fatal error.	Redeadstart using different tape or unit.	B,D	CONTROL
RECORD FRAGMENT ENCOUNTERED	Informative message. GO or DROP. GO implies system accepts block as a correct size tape block. A non-SCOPE or SI format was read.	Correct tape or read as an S tape.	B,J,S	3IM
RECORDING MODE PARAMETER CONFLICTS WITH EXISTING LABEL TYPE - GO/DROP	Informative operator message. User attempted to rewrite a label using a recording mode other than mode of original label. New recording mode may conflict with data in pack.	Drop job unless absolutely sure new recording mode is correct. If sure, type GO and label is rewritten with new recording mode.	B,J,S	RELABEL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE

RECOVERED RMS ERROR
  FILE NAME lfn
  FET ADDRESS addr
  DETAIL STS dddd dddd dddd dddd dddd
  dddd dddd dddd dddd dddd dddd dddd
  STATUS ssss cccc
  EQxx TRYnn ADDR aaaa bbbb
  RECORDED ADDR pppp qqqq
	Nonfatal error. Mass storage device error was corrected after nn (octal) attempts to read/write a PRU. Controller status ssss, converter status cccc, EST ordinal xx, address of bad PRU aaaa bbbb, physical address pppp qqqq are all octal. The DETAIL STS line appears only for 844-21 and 844-41 disk units and gives detailed status information about error Only first three lines appear in job dayfile. Pack may be deteriorating or drive heads may need adjustment.	Notify customer engineer.	B,J,S	1SX

RECOVERED RMS ERROR
  FILE NAME lfn
  FET ADDRESS addr
  RMS ERROR INFORMATION LOST
	Mass storage device error was corrected but error information was lost because of concurrent RMS hardware error.
	lfn File name
	addr FET address
		Notify customer engineer.	B,J,S	1SX

RECOVERY NOT POSSIBLE	Recovery deadstart failed.	Perform a level 0 or 1 deadstart and notify system analyst.	D	IRCP
REDUNDANT PO OPTIONS IGNORED	Informative message. User specified options for PO parameter on LDCMR statement that were already covered by other specified PO options.	No action required. User may wish to check for and remove redundant options.	B,J,S	LDCMR
RELEASE ILLEGAL ON PERMANENT FILE	Fatal error, code 22. Code return is dependent on error processing bit setting.	Correct problem and retry.	B,S	RECOVER
RELOCATABLE PGM NAME prog DOES NOT HAVE AN ENTRY POINT	Fatal error. prog Program name	Insert an entry pseudo instruction into the program and retry.	S	EDITLIB
REMAINDER OF CARD SKIPPED	Informative message.	Retry.	S	EDITLIB
$REMOUNT PACK ON EST=xx ON SHARED DRIVE or $REMOUNT PACK ON EST=xx ON UNSHARED DRIVE	A job attempted to mount a member pack on a drive having a shared attribute different from that of the drive on which the master pack is mounted. xx EST ordinal	Move the member pack to a drive having the same shared attribute as that of the master.	B,S	MNT
REMOUNT PACK ON FT DRIVE	Informative operator message. A pack with a full-track recording mode was put on a drive unaccessible by a 7154 controller.	MNT turns off EST entry automatically. Operator should not turn it on until pack is moved to a drive with 7154 controller access.	B,J,S	MNT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
REMOVE IS INVALID BETWEEN A LIBRARY AND A FINISH	Informative message.	Correct problem and retry.	S	EDITLIB
REMOVE S/L FROM REQUEST CARD	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
REMOVING EDITLIB LOCKOUT	LDCMR has returned files ZZZZZ01, ZZZZZ02, and ZZZZZ23. LDCMR has modified these files to reflect new directory.	No action required.	B,J,S	LDCMR
REPRIEVE ABORTED CHECKSUM BAD	An attempt was made to reprieve job after an error, but recovery routine's checksum was in error.	Correct problem and retry.	B,J,S	RPV
REPRIEVE ABORTED NOT IN FL	Recovery routine not in field length.	Correct problem and retry.	B,S	RPV
REPRIEVE ABORTED SYSTEM ERROR	System error - unknown error flag.	Notify system analyst.	B,J,S	RPV
REPRIEVE ROUTINE NOT IN FL	Recovery routine not in field length.	Correct problem and retry.	B,J,S	RPV
REQ HUNG ON FLERROR. DUMP	System error.	Notify system analyst.	B,S	REQ
REQUEST ABORTED	User's request for equipment was aborted.	Correct problem previously diagnosed and retry.	B,J,S	REQ REQUEST
REQUEST EQ AND VSN...	Operator action request.	Enter n.PACK command.	B,J,S	LBL
REQUEST FOR ARCHIVED FILE—GO OR DROP	Operator action request.	Type j.GO to cause archive retrieval job to load the permanent file.	B,J,S	1PF
REQUEST TAPE	Informative message.	Assign tape to blank tape, dump, or load utility.	B,J,S	DMPQ RESQ
REQUESTED RING AND NORING	Bad request parameter.	Correct problem and retry.	B,J,S	REQ
REQUIRED OCTAL PARAMETER IS MISSING	Informative message.	Correct problem and retry.	S	EDITLIB
RERUN FORCED BY DEADSTART RECOVERY	Job was rerun because it was at a control point during deadstart recovery.	No action required.	B,J,S	TDS
RESET NOT DEFINED FOR A USERS EDITLIB	Informative message.	Remove RESET parameter from EDITLIB control statement and retry.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
RESIDENCE ERROR FOR prog TO PROCEED ENTER NEW RESIDENCE CM - CM RESIDENCE DS - RMS DEVICE RESIDENCE	Illegal residence parameter occurred during loading. prog Program name	Correct parameter and retry.	D	IRCP
RESIDENCE OF prog CHANGED FROM ECS TO DISK	PP overlay resident in ECS could not be loaded. A subsequent message describes the error in more detail. prog Program name	Notify system analyst.	S	CEM
RESIDENCE OF rte CHANGED TO RMS	Residence of the routine rte is changed to RMS.	Notify system analyst.	S	CEM
RESIDENCY PARAMETER -ECS- INVALID DURING DEADSTART CREATION	Informative message.	Correct problem and retry.	S	EDITLIB
RESTART	Replaces INTERCOM display on right screen during INTERCOM error recovery.	No action required.	R	1I1
RESTART COMPLETE	Informative message. Response to successful restart.	No action required.	B,J,S	RESTART 1RC
RESTART NOT PERMITTED IN PROCEDURE	Fatal user error. User put RESTART statement in a CCL procedure.	Remove RESTART statement and any statements related to RESTART from procedure, and place in job control statement record.	B,J,S	RESTART
RESTART NUMBER TOO BIG (RESTART)	Checkpoint number specified on control statement is larger than last checkpoint on tape. Possibly had wrong tape mounted or overwrote tape.	Correct problem and retry.	B,J,S	RESTART
RESTORE NOT DEFINED FOR A USERS EDITLIB	Informative message.	Remove RESTORE parameter from EDITLIB control statement and retry.	B,S	EDITLIB
RESTORED jobname,q-did/tid	Informative message.	No action required.	B,J,S	GEMINI
	jobname Name of job or file being restored			
	q Queue in which the job or file is located			
	I Input O Output P Punch E Execute S Special J JANUS			
	did Destination identifier			

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	tid Terminal identifier			
RETENTION PERIOD TOO LONG, MAX USED	Informative message. Value for retention period is too large.	Change parameter value.	J	PFR
RETURN, REWIND, OR UNLOAD MUST HAVE AT LEAST ONE PARAMETER	Informative message. No parameters were specified.	Correct problem and retry.	B,J,S	RETURN
REWRITE REQUIRES MODIFY PERMISSION	Fatal error, code 22.	Correct problem and retry.	B,J,S	4ES
RFL, 1200. (CKP)	Informative message. Indicates CKP had to change field length to 1200B words.	No action required.	B,J,S	CKP
RMS ERROR INFORMATION LOST	A combination of a RMS hardware error and a RMS parity error occurred during the processing of a single stack request. The errors may have destroyed parity error information.	Analyze the CERFILE entry corresponding to the time of this dayfile entry to determine whether that entry is valid.	B,J,S	1SX
RMS FLAWS LOST. TYPE GO TO CONTINUE	User error. Either too many flaws were assembled in CMR or too many were entered by operator.	Notify system analyst. A possible action is to reassemble deadstart routines with a new definition of BASE.	D	IRCP
ROUTE TO INPUT NOT IMMEDIATE-IGNORED	File routing to INPUT must take place immediately. Job is not aborted; ROUTE request is ignored.	Correct problem and retry.	B,J,S	DSP
RP = nnn DAYS	Informative message. nnn Number of days until file is expired.	No action required.	J	1FC PER
RP ILLEGAL	System detected invalid RP parameter. RP must be numeric with range of 1-999 inclusive.	Correct problem and retry.	B,J,S	ADS
RPV-ADDRESS OUT OF RANGE	Fatal user error. The RPV parameter block or reprieve routine is outside the field length.	Correct problem and retry.	B,J,S	RPV
RPV CALL WITHOUT AUTO-RECALL	Auto-recall bit must be set in calling sequence.	Correct problem and retry.	B,J,S	RPV
RPV-ILLEGAL REQUEST	Fatal user error. The RPV parameter block is invalid because of one of the following: - The function code is illegal. - The length of the block is incorrect. - The reprieve routine lwa is less than the fwa.	Correct problem and retry.	B,J,S	RPV

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	- An undefined mask bit is set. - A bit in the pending interrupt word does not represent a valid interrupt. - The interrupted terminal input request is invalid.			
RPV - JOB CANNOT BE RERUN	Fatal user error. A user's reprieve (error recovery) routine performed an action which set the no-rerun flag. Thus rerun processing cannot be resumed.	Refer to the RECOVR macro in the NOS/BE Reference Manual.	B,J,S	RPV
RPV - RESET INVALID	Fatal user error. RESET request is invalid because of one of the following. - The RESET request is not of the same mode (normal or extended) as the preceding SETUP request. - The RESET request came when the reprieve routine was not active. - The reprieve routine was processing an interrupt contained in fwa+4 (pending interrupt word) of the RPV parameter block.	Correct problem and retry.	B,J,S	RPV
RPV UNABLE TO RESTORE PREVIOUS ERROR	User request to restore error flag and exchange package not carried out. User request is usually done by subroutine RECOVR.	Correct problem and retry.	B,J,S	RPV
RUN RECOVER (SN=setname, V=vsn, MF=mfid, MO=4) ON OTHER MF AND TYPE GO	Informative message. setname Set name vsn Volume serial number mfid Mainframe identifier	Follow instructions given in message.	B	GENDJ
RW PARAMETER IGNORED	Informative message. RW cannot be used in conjunction with ST.	Correct problem and retry.	B,J,S	CPF
RWE-BAD PARAMETER ADDRESS	User error on call to RWE. Job has been aborted.	Correct problem and retry.	J,S	RWE
RWE-BAD PSEUDO EST OR CM TABLE	System error. Job has been aborted.	Notify system analyst.	J,S	RWE
S SPACE LOW SN=setname	The number of record blocks available for system files on the public set indicated has dropped to or fallen below the first (higher) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	ⁿ	2RN
S SPACE NOT LOW SN=setname	The number of record blocks available for system files on the public set indicated has risen above the first (higher) system defined threshold. setname Set name	Type ACK. to clear message.	R	2RN

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
S SPACE NOT OUT SN=setname	The number of record blocks available for system files on the public set indicated has risen above the second (lower) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
S SPACE OUT SN=setname	The number of record blocks available for system files on the public set indicated has dropped to or fallen below the second (lower) system defined threshold. The system is now in step mode. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
SAVED TAPE UNLOADING, TYPE GOxx TO IGNORE	Tape unit with EST ordinal xx is unloading at end of job time.	To inhibit unload and clear control point, type GOxx. Otherwise, control point will clear when tape unloads.	B	1ES
SCANNER CHANNEL UNAVAILABLE. 819-S NOT ALLOWED. RECOVERY ABORTED.	Scanner channel is unresponsive.	Perform a level 1 deadstart.	D	IRCP
SCANNER CHANNEL UNAVAILABLE. 819-S NOT ALLOWED. -CR- TO ENTER EST.	Scanner channel is unresponsive.	Delete all 819 (AH) entries from the equipment status table or notify system analyst.	D	IRCP
SCANNING PFC ENTRIES	Informative message.	No action required.	B	RECOVER
SCANNING PFD	Informative message.	No action required.	B	RECOVER
SCPA IN SSF PARAMETER IS OUTSIDE THE SCP FL	Address specified in SCPA field is too large.	Correct problem and retry.	B,J,S	SSF
SD REQUESTED. SHOULD xx BE ASSIGNED	EST ordinal xx is not system device.	Type n.YES to allow operator to assign EST ordinal. Otherwise, type n.NO.	B,S	REQ
SECOND PARAMETER IGNORED	Nonfatal user error. MODE parameter may only only be used to alter exit conditions relative to arithmetic errors.	Remove second MODE parameter.	B,J	1AJ
SEGMENT MODE CONFLICT IN seg	Fatal user error. Segment seg does not have same mode that CMR directory lists for it.	Either change CMR directory entry to match segment mode or change segment mode to match CMR directory entry.	B,J,S	LDCMR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SEGMENTS MISSING FROM FILE-lfn	File lfn does not conform to a ZZZZCRM file written by LDCMR.	Regenerate file lfn.	B,J,S	LDCMR
SELECTIVE DUMP	Informative message.	No action required.	B,J,S	DUMPF
SEQTORAN OR RANTOSEQ IS.INVALID BETWEEN A READY - COMPLETE	Informative message.	Correct problem ánd retry.	S	EDITLIB
SEQTORAN OR RANTOSEQ IS INVALID BETWEEN A LIBRARY - FINISH	Informative message.	Correct problem and retry.	S	EDITLIB
SERIAL CHK. RC.recno,CD.cardno	Card sequence number is wrong on binary card number cardno in record number recno.	Correct binary deck.	J	1IR
SET ACTIVITY IS ZERO - DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM
SET FNT NOT FOUND	Fatal system error.	Notify system analyst.	B,S	RECOVER
SET I/L COULD NOT BE SET	Fatal system error. Could not set interlock.	Notify system analyst.	B,S	RECOVER
SET I/L SET, RUN RECOVER	Informative message.	Notify system analyst.	B,S	DSM
SET NAME IN LABEL NOT ZERO	Pack belongs to another set. Pack must be deleted by DELSET, or relabeled.	Reassign or drop.	B,S	ADS
SET NAME NOT FOUND IN FNT - DSM	Fatal user error.	Mount device set before dismounting any member of that device set.	B,J,S	REQ DSM
SET NAME NOT MOUNTED AT THIS CP setname	User requested a device set which is not available at this control point. Request is aborted. setname Set name	Issue MOUNT request for set before specifying set name in REQUEST statement.	J,S	REQ 7RQ
SET NOT MOUNTED	Conditionally fatal user error (FDB return code = 041B). An ATTACH, CATALOG, or LOADPF command prompted the message.	Mount the required set master and retry.	J	1PD
SET NOT MOUNTED	Fatal user error. A DELSET OR DUMPF command prompted the message.	Mount set and rerun job.	B,J,S	DLM OUX
SET NOT MOUNTED	Operator tried to assign an unmounted set. Request is aborted.	Correct problem and retry.	B,J,S	REQ
SET NOT MOUNTED	Set specified on SETNAME control statement is not mounted; control statement error flag set.	Correct problem and retry.	B,J,S	1AJ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SET NOT MOUNTED	Fatal user error.	Correct problem and retry.	B,J,S	PFLOG
SET NOT MOUNTED. SHOULD xx BE ASSIGNED	EST ordinal xx designates a set that is not mounted.	Type n.YES to allow operator to assign EST ordinal. Otherwise, type n.NO.	B,J,S	REQ
SET NOT PUBLIC	Operator tried to assign a private set. Request is aborted.	Correct problem and retry.	B,J,S	REQ
SET NOT PUBLIC. SHOULD xx BE ASSIGNED	Request was for a public set. EST ordinal xx designates a nonpublic set.	Type n.YES to allow operator to assign EST ordinal. Otherwise, type n.NO.	B,J,S	REQ
SET NOT RECOVERABLE	Fatal system error.	Notify system analyst.	J,S	RECOVER
SET-SET TRANSFER WITH MEMBER NOT POSSIBLE	User error.	Retry.	B,J,S	TRANSPF
SETTING SMT I/L-S	Informative message.	No action required.	B,S	RECOVER
SHORT BLOCK WITHOUT LEVEL NUMBER	A short block which did not have a level number was received from a SCOPE 2 job that had issued a SAVEPF command. A level number of zero is assumed.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTPF
SHOULD WRITING BE ALLOWED ON UNEXPIRED TAPE TYPE N.YES OR N.NO.	Informative message. User is attempting to overwrite data on a tape with an unexpired label.	Typing n.YES allows tape to be overwritten. Typing n.NO aborts job. If overwrite attempt is detected before any operation has been made on tape, operator can type GOxx. or RECHECKxx. If tape is no longer at load point, RECHECKxx. option is not possible and operator can only reply n.YES or n.NO.	B,J,S	3IM
SHRINK pfn FAILED - PF RETURN CODE ec	Attempt to shrink file pfn resulted in FDB return code ec. (Refer to the inside front cover.)	Notify system analyst.	S	TDS
SIS OR SDA PERMISSIONS VIOLATED	If extended error processing and an FET extension are specified, message appears in dayfiles for a SIS or SDA file if permissions bits in FST do not match those in extended FET.	Correct problem and retry.	J,S	6WM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SITE INDICATOR AFTER = MUST BE C, I, OR E	Site indicator (k) on DISPOSE statement must be C (central site), I (INTERCOM terminal), or E (EXPORT/IMPORT terminal). DISPOSE statement is ignored.	Correct problem and retry.	B,J,S	DISPOSE
SK OR NONE INVALID ON DEVICE WITH NO LABEL	Informative message on LABEL display.	Enter one of the options listed on the left screen.	D	IRCP
SKIPPING lfn	Informative message. lfn File name	No action required.	B,J,S	QUEDUMP LOADPF
SMT ALLOCATION BAD	Informative message; set member table is not allocated in logical flaw table or conflicts with allocation of another table.	Refer to output listing for more information.	B,J,S	RECOVER
SMT DAM OFFSET POINTER BAD	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
SMT/FLW DISAGREE GO OR DS	Information in member tables disagree.	Notify system analyst. Deadstart process can be resumed by typing GO. Otherwise, deadstart from the beginning.	B	RECOVER
SMT/FLW ENTRIES DISAGREE	Fatal system error. Entries for master disagree.	Notify system analyst.	B,D	RECOVER
SMT MASTER VSN MISMATCH	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
SMT RB AVL BAD	Number of available RBs is greater than number of usable RBs. Informative message only if DAM is recreated.	Notify system analyst.	J,S	RECOVER
SMT VSN BAD	Fatal system error.	Notify system analyst.	B,J,S	RECOVER
SN CONFLICT	Fatal system error.	Notify system analyst.	B,J,S	MNT
SN HAS ILLEGAL CHARACTER	Fatal user error. SN must be 7 alphanumeric chracters or less with first character alphabetic.	Correct problem and retry.	B,J,S	SETCCP DMNT PFCCP
SN HAS ILLEGAL CHARACTER-RELABEL	Fatal user error.	Correct SN parameter.	B,J,S	RELABEL
SN HAS ILLEGAL VALUE	Fatal user error. SN must be 7 alphanumeric characters or less with first character alphabetic.	Correct problem and retry.	B,J,S	SETCCP
SN MUST BE SPECIFIED	Fatal user error.	Specify SN parameter.	B,J,S	DMNT SETCCP DUMPF LOADPF PFCCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SN MUST BE SPECIFIED-RELABEL	Fatal user error.	Specify SN on control statement. Retry.	B,J,S	RELABEL
SN NOT ALLOWED	User error.	Correct problem and retry.	B,J,S	TRANSPF
SN PARAMETER REQUIRES VSN PARAMETER	Both SN and VSN must be specified to allow access to the private set on the specified mainframe.	Correct problem and retry.	B,J,S	1PG GPF SPF
SOME USER SETS NOT RECOVERED TYPE GO TO CONTINUE	There is not enough space between end of libraries and start of IRCP for tables needed for user set recovery.	Reduce length of libraries or reassemble system with BASE installation parameter set to higher values.	D	IRCP
SOMEBODY CLEARED MY INTERLOCK-LBL	System software error. Bad MTR request. Set interlock in MST set by RELABEL has been cleared by another program.	Notify system analyst.	B,J,S	LBL
SOT DOES NOT RECOGNIZE DATA	A spun off task was called with an illegal message code in the packet request message.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOT
SOURCE AND DESTINATION FILE ARE THE SAME	User error.	Correct problem and retry.	B,J,S	EDITLIB
-SP- ATTACHING pfn	A spun off task has initiated the attaching of a permanent file named pfn.	No action required.	B,J,S	SOT
-SP- BAD FC = fcB, LFN = lfn FORMS CODE DELETED	An illegal forms code (fc, octal) was detected on file lfn by the spooling spun off task. The forms code specification was deleted and the file routed to the output queue.	Notify system analyst.	B,J,S	SOTSP
-SP- fida BAD FID CHANGED TO fidb	The spooling spun off task detected an illegal file ID fida on an output file and changed it to fidb so the file can be routed to the output queue.	Notify system analyst.	B,J,S	SOTSP
-SP- BAD TID = tidB, LFN = lfn LFNNAME DISPOSED TO CENTRAL SITE	The spooling spun off task detected an illegal terminal ID of tid octal and disposed the file lfn to the central site.	Notify system analyst.	B,J,S	SOTSP
-SP- CATALOGING pfn	A spun off task has initiated the cataloging of a permanent file named pfn.	No action required.	B,J,S	SOT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
-SP- s COMPLETED lfn	The spooling spun off task completed the transfer of input or output fle lfn on stream s for its linked mainframe.	No action required.	B,J,S	SOTSP
-SP- DATA RCW DETECTED IN HEADER LABEL	The tape staging spun off task detected a data recovery control word while processing the standard label records from SCOPE 2.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
-SP- DEADSTARTING SCOPE 2	The deadstart spun off task is transferring the deadstart file to SCOPE 2.	No action required.	B,J,S	SOTDS
-SP- DETECTED TRAILER LABEL IN LAST BLK	A non-standard trailer label was detected at the end of an unlabeled tape.	No action required.	B,J,S	SOTTP
-SP- DSP FATAL ERR ec, lfn	The spooling spun off task called DSP to route file lfn into the I/O queue, but DSP returned fatal error code, ec. (Refer to section 7 of the NOS/BE Reference Manual.)	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTSP
-SP- EOI FOUND IN MIDDLE OF DATA BLOCK	The tape staging spun off task detected end of information while processing a data block from SCOPE 2.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
-SP- EOI FOUND IN MIDDLE OF LABEL BLOCK	The tape staging spun off task detected end of information while processing the standard label records from SCOPE 2.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
-SP- ERROR CODE ec ON lfn	A fatal tape error was detected on the file lfn. The tape driver returned an error code ec. Refer to the NOS/BE Reference Manual for a description of the error code field in word zero of the file environment table.	No action required.	B,J,S	SOTTP
-SP- ERROR IN RCW FROM 7000	The tape staging spun off task detected one of the following errors in a data type recovery control word which precedes a tape block: unused bit count .LT. 0 or .GT. 60 block length .LE. 0 or .GT. maximum block length recovery control word type .NE. 0 (data) previous block length .LT. 0 or .GT. maximum block length +1	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP

MESSAGE		SIGNIFICANCE	ACTION	OUTPUT	ROUTINE

-SP- ERROR IN TAPE HEADER WORD	-	The tape staging spun off task received a tape block header word from the tape driver that was invalid for one of the following reasons:
		
		  block length .LE. 0
		  block length .GT. maximum block length
		  unused bit count .GT. 60
		  unused bit count .LT. 0
			If the error persists, take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP

-SP- FATAL ERROR-RERUN/RESTAGE/DROP.		The tape staging spun off task has detected a fatal tape error. The preceding dayfile messages provide a more detailed description of the tape error.	Restage or rerun the tape staging spun off task. If the error persists, drop the tape staging spun off task.	B,J,S	SOTTP
-SP- FNT SPACE CRITICAL WAITING TO ROUTE lfn		DSP error 32B detected by SOTSP when routing lfn to an I/O queue.	Take steps to free FNT space. When the space becomes available, the route will be initiated and the message cleared.	B	SOTSP
-SP- HEADER LABELS OVERFLOWED BUFFER		The standard label records exceeded the size of the I/O buffer of the tape staging spun off task. The total number of words allowed for the header label group is one tape buffer. (Refer to the enhanced station support section in the NOS/BE Installation Handbook for tape buffer size.)	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
-SP- LOGICAL RECORD numa GR MBL RECORD LENGTH = numb WORDS		The permanent file staging spun off task has determined that logical record number numa exceeds the maximum block length for a BT=K file. The whole record, which had a record length of numb, was sent to SCOPE 2 anyway.	Increase maximum block length for the file being staged.	B,J,S	SOTPF
-SP- NON-ZERO LENGTH TAPEMARK RCW		The tape staging spun off task detected a tapemark recovery control word containing a non-zero block length in a file being staged from SCOPE 2.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
-SP- NON-ZERO LENGTH TAPEMARK RCW		A tapemark recovery control word containing a nonzero block length was received from a SCOPE 2 job which had issued a SAVEPF command.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTPF
-SP- POST STAGING		A tape spun off task has initiated the staging of a file from SCOPE 2 to tape.	No action required.	B,J,S	SOTTP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
-SP- PRE STAGING	A tape spun off task has initiated the staging of a tape file to SCOPE 2.	No action required.	B,J,S	SOTTP
-SP- PRE STAGING (PARTIAL)	A tape spun off task has initiated the staging of a specified portion of a tape file to SCOPE 2.	No action required.	B,J,S	SOTTP
-SP- PURGING pfn	A spun off task has initiated the purging of a permanent file name pfn.	No action required.	B,J,S	SOT
-SP- QAC ERROR CODE ec. GO OR DROP.	The spooling spun off task called QAC to get an input file from the input queue but QAC returned a fatal error code ec. (Refer to ACQUIRE macro in System Programmer's Reference Manual.)	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTSP
-SP- RCW BLOCK LENGTH GT MBL	A recovery control word containing a block which was larger than maximum block length was received from a SCOPE 2 job which had issued a SAVEPF command.	Increase maximum block length for the file being staged.	B,J,S	SOTPF
-SP- s RECEIVING lfn	The spooling spun off task initiated the transfer of output file lfn on stream s from its linked mainframe.	No action required.	B,J,S	SOTSP
-SP- REQ FATAL ERR ec,DT=dt, lfn	A spun off task called REQ to assign file lfn on device type dt and REQ returned error code ec. (Refer to the REQUEST macro in the NOS/BE Reference Manual for a more detailed description of the error code.)	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTMSG
-SP- SCOPE 2 DEADSTART VIA TAPE TYPE N.CFO Y/N	The deadstart spun off task is asking the operator to indicate whether the deadstart is to be from a tape or a permanent file.	Type n.CFO Y for tape deadstart or n.CFO N for permanent file deadstart. n is the control point number of the spun off task.	B,J,S	SOTDS
-SP- s SENDING lfn	The spooling spun off task initiated the transfer of input file lfn on stream s to its linked mainframe.	No action required.	B,J,S	SOTSP
-SP- SKIPPED counta, STAGED countb BLOCK(S)	On a partial stage by block, counta blocks were skipped and then countb blocks were staged.	No action required.	B,J,S	SOTTP
-SP- SKIPPED counta, STAGED countb FILE(S)	On a partial stage by file, counta files were skipped and then countb files were staged.	No action required.	B,J,S	SOTTP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
-SP- TAPEMARK RCW DETECTED BEFORE LABELS	The tape staging spun off task detected a tapemark recovery control word before the standard label header group.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOTTP
-SP- TOTAL BLKS WITH PARITY ERROR count	The tape staging spun off task detected tape blocks that contained parity errors when the NR staging parameter was used. count Number of blocks detected	No action required.	B,J,S	SOTTP
-SP- TRAILER LABELS OVERFLOWED BUFFER	The standard trailer label records exceeded the size of the I/O buffer of the tape staging spun off task. The total number of words allowed for the trailer label group is one tape buffer. (Refer to the enhanced station support section in the NOS/BE Installation Handbook for the tape buffer size.)	Take a dump of the field length of the spun off task and notify a system analyst.	B,J,S	SOTTP
-SP- TRANSFER TO LINKED MF REJECTED	The spooling spun off task attempted to send an input file to a linked mainframe but the linked mainframe could not accept the file. The file will be transferred when the linked mainframe has space for it.	No action required.	B	SOTSP
-SP- WAITING FOR FNT SPACE FOR QAC	The spooling spun off task called the queue acquire routine to get an input file from the input queue, but the queue acquire routine returned an error code indicating that there was no file name table space. The file will be transferred when space becomes available.	Follow site procedures to make file name table space available.	B	SOTSP
-SP- WAITING FOR FNT SPACE FOR REQ	A spun off task is waiting for file name table space so that REQ can assign a file.	Follow site procedures to make file name table space available.	B	SOTMSG
-SP- ZERO LENGTH DATA RCW	A data recovery control word containing a zero block length was received from a SCOPE 2 job that had issued a SAVEPF command.	Take a dump of the permanent file staging spun off task and notify system analyst.	B,J,S	SOTPF
-SP- ZERO LENGTH LABEL RCW	A label recovery control word containing a zero block length was received from a SCOPE 2 job that had issued a SAVEPF command.	Take a dump of the permanent file staging spun off task and notify system analyst.	B,J,S	SOTPF
SPECIAL CKP REQUESTED	CKP called by console type-in.	No action required.	B,J,S	CKP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SPECIAL NAME FILES CANNOT RESIDE ON PRIVATE DEVICE SETS	Fatal user error. Error code 26 returned to REQ calling routine.	Specify public device on REQUEST statement.	J,S	REQ 7RQ
SPECIFIED CYCLE NOT FOUND IN PFD - OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
SPECIFIED DEVICE NON-EXISTENT	Fatal error, code 22.	Correct problem and retry.	B,J,S	6WM
SPECIFIED FILENAME NOT FOUND IN FNT TABLE - OUX	Fatal system software error.	Notify system analyst.	B,J,S	OUX
SSC - COMPLETE BIT ALREADY SET	When SSC was called, bit zero of SSC parameter word was already set.	Correct problem and retry.	B,J,S	SSC
SSC - DUPLICATE SUBSYSTEM	SSC was called to obtain system control point status, but subsystem was already in operation at another control point.	Correct problem and retry.	B,J,S	SSC
SSC - JOB NOT SYSTEM ORIGIN	System control point status is granted only if the operator initiated the job.	Correct problem and retry.	B,J,S	SSC
SSC - LP IN RA.SSC IS LESS THAN 2	Minimum parameter length allowed is 2. This is checked before an SSC call is passed to a system control point.	Correct problem and retry.	B,J,S	SSC
SSC - PARAMETER IS OUTSIDE FL	Parameter word specified in SSC call is not in field length.	Correct problem and retry.	B,J,S	SSC
SSC - PARAMETER+WC OUTSIDE FL	Parameter word + word count is not in field length.	Correct problem and retry.	B,J,S	SSC
SSC - RA.SSC POINTS OUTSIDE FL	AP or XP pointer in RA.SSC places incoming SSC data outside SCP field length.	Correct problem and retry.	B,J,S	SSC
SSC - RA.SSID DOESNT CHECK WITH T.SSCT	Subsystem name and number in RA.SSID must match that in subsystem control table.	Correct problem and retry.	B,J,S	SSC
SSC - SUBSYSTEM HAS DROPPED THE CPU	If subsystem has dropped CPU, it has its system control point status taken away.	Correct problem and retry.	B,J,S	SSC
SSC - UNDEFINED SUBSYSTEM CALLED	There is no subsystem defined in T.SSCT table entry for requested subsystem number.	Correct problem and retry.	B,J,S	SSC
SSC (0) - MUST USE AUTORCL	When requesting system control point status, SSC must be called with autorecall.	Correct problem and retry.	B,J,S	SSC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SSC(0) - ALREADY A SYSTEM CP	Job attempted to gain system control point status while already having that status.	Correct problem and retry.	B,J,S	SSC
SSC(0) - TOO MANY SUB-SYSTEMS	Maximum number of active subsystems was already running when this job attempted to gain system control point status.	Terminate system control point and retry.	B,J,S	SSC
SSF (addr)	This message is used with all SSF error messages. It provides address addr of parameter word involved.	See related SSF messages.	B,J,S	SSF
SSF CALLED WITHOUT SYS CTL PT STATUS	SSF is a privileged call that can only be used by a system control point.	Correct problem and retry.	B,J,S	SSF
SSF PARAMETER ADDRESS OUTSIDE FL	Parameter word specified in SSF call is not in field length.	Correct problem and retry.	B,J,S	SSF
STACK REQUEST ERROR	Fatal hardware error.	Consult parity error message in dayfile.	B,J,S	DLM
STAGING STATION xxx NOT LOGGED IN	User is attempting to do a SAVEPF, GETPF, or PURGE with an ST parameter specifyig the linked mainframe xxx, and xxx is either not logged into the station or the station is not running.	Type n.GO to swap the job to the multimain-frame queue and wait until xxx is logged in, or type n.DROP to drop the job.	B,J,S	PFP SPF CIO
START QUEUE RECOVERY	Informative message.	No action required.	B,J,S	1QF
STATION ALREADY UP	Fatal error. A multiframe station is active at another control point.	No action required.	J,S	SSH
STATION ERROR--PACKET/PF CODE BAD	A spun off task was called to stage a permanent file with a permanent file function code which did not agree with the message code in the packet request message.	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOT
STATUS AREA OUTSIDE FL	Address of status area as specified in STS call is outside job's field length.	Correct problem and retry.	B,J,S	STS
STF BUFFER OUT OF FIELD LENGTH	Fatal user error. STF was called with a bad parameter address.	Refer to STF description in the NOS/BE System Programmer's Reference Manual.	B,J,S	STF
STF COMMAND TABLE OUT OF FIELD LENGTH	Fatal user error. STF was called with a bad parameter address.	Refer to STF description in the NOS/BE System Programmer's Reference Manual.	B,J,S	STF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
STF JOB NOT SYSTEM LIBRARY ORIGIN	Fatal user error. User program cannot use STF.	No action required.	B,J,S	STF
STF UNRECOGNIZABLE COMMAND	Fatal user error. STF was called with a bad parameter.	Refer to STF description in the NOS/BE System Programmer's Reference Manual.	B,J,S	STF
STORE NOT ALLOWED FROM A BATCH JOB	The STORE command can be entered from INTERCOM only.	Use CATALOG control statement in place of STORE and rerun job.	B,J,S	STORE
STS FOUND COMPLETE FLAG SET.	Bit zero of list header word was not zero initially.	Correct problem and retry.	B,J,S	STS
STS - INVALID SETMFL VALUE	Fatal user error. SETMFL was called with a bad parameter.	Refer to the SETMFL macro in the NOS/BE System Programmers Reference Manual.	B,J,S	STS
SUGGEST LISTLIB OF INPUT LIBRARIES	Internal table error encountered in some input libraries.	Regenerate input libraries and retry.	B,S	EDITLIB
SWAPIN PARITY ERROR, FILES LOST TYPE GO	Parity or fatal error during swap-in caused loss of job FNTs. If job had some attached permanent files, DUMPF and TRANSPF utilities cannot run until after a deadstart recovery.	Type j.GO to acknowledge.	B	6SI
SWAPIN PARITY ERROR, FILES SAVED	Parity or fatal error during swap-in but FNTs are saved.	No action required.	B,J,S	6SI
SWAPIN PARITY ERROR, NO RERUN BIT SET	Fatal swap-in parity error occurred. Operator could not rerun job because it had already completed an action (TRANSF, CATALOG, PURGE, and so on) that could not be repeated.	Alter the job taking into account the actions that have finished and retry.	J	6SI
SWAPIN PARITY ERROR, REREAD JOB - TYPE GO	Fatal swap-in parity error occurred and no-rerun bit was not set.	Reread job into computer if possible; type j.GO to acknowledge and reread job.	B	6SI
SYNTAX ERROR	Fatal user error.	Correct call to RECOVER and retry.	B,S	RECOVER
SYS CTL PT STATUS CANCELLED	If subsystem does not do an SF.EXIT before dropping out, its system control point status is canceled.	Correct problem and retry.	B,J,S	SSC
SYS DEVICE vsn NOT ON-LINE	VSN vsn contains part of system file and must be on-line for a level 1 deadstart.	Mount device on a drive or perform a level 0 deadstart.	B	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SYS ERROR	Fatal system error.	Notify system analyst.	B,J,S	DUMPF
SYSBULL CONTROL STATEMENT CONTAINS NO TERMINATOR	Fatal user error. SYSBULL does not allow continued control statements.	Use additional SYSBULL statements when there is not enough space on one card or line for·all bulletins desired.	B,J,S	SYSBULL
SYSBULL ERROR, SEE ANALYST, RC=ec	Nonfatal error. Attempt to attach system bulletin file resulted in FDB error return code ec. Return codes are listed on the inside front cover.	If problem persists, notify system analyst.	B,J	SYSBULL
SYSBULL INDEX IS EMPTY	Informative message.	If situation persists for several days, notify system analyst.	B,J	SYSBULL
SYSBULL REQUIRES MORE FL	Nonfatal error. When SYSBULL and/or ACCOUNT were installed, the field length specified was not adequate.	Inform system analyst that the field length for SYSBULL and/or ACCOUNT should be increased by executing a system EDITLIB with a SETFL directive.	B,J	SYSBULL
SYSTEM ABORT	Illogical condition exists in system.	Notify system analyst.	R	CPMTR
SYSTEM BULLETIN FILE NOT CREATED YET	Informative message.	If situation persists for several days, notify system analyst.	B,J	SYSBULL
SYSTEM COMMUNICATION ERROR (1SP...1SX)	Fatal user error. 1SX called with invalid parameters.	Correct problem and retry.	J,S	1SX
SYSTEM CP00 ON UNUSABLE EQ	Message sent to system dayfile because control point zero I/O request was issued on an idled RMS device. It is also sent to system dayfile if a change from dual to single access was caused by an RMS hardware malfunction, and a request at control point zero could not be completed successfully in single-access mode.	Operator should use ACK. to clear message.	R	7ID
SYSTEM CP00 REQ ON IDLED EQ	A control point zero request was issued on an idled device.	Type ACK.	B,S	1SX
SYSTEM DATE ERROR	Fatal operator error.	Notify operator.	B,J,S	DUMPF
SYSTEM DEVICE vsn IS IDLED RECOVERY NOT POSSIBLE	Informative message. vsn Volume serial number	Perform a level 0 or 1 deadstart.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SYSTEM ECS PARITY ERROR	Nonfatal error. Parity error in ECS descriptor information occurred during file release.	Notify system analyst.	B,S	CEM
SYSTEM ECS PARITY ERROR, FATAL	Parity error in ECS descriptor information occurred during file usage.	Notify system analyst.	B,S	CEM
SYSTEM EDITLIB NOT PERMITTED THROUGH INTERCOM	EDITLIB and INTERCOM are not compatible; terminal user attempting system EDITLIB is aborted.	Retry job through batch or from the console.	B,S	MDI
SYSTEM ERROR-DAM ENTRY LOST	Fatal system error.	Notify system analyst.	B,S	DLM
SYSTEM ERROR DROP OR RERUN JOB	An unrecoverable error has occurred.	Notify system analyst. Drop or rerun job.	B	3IM
SYSTEM ERROR (FIN) - INVALID POSITION ON lfn	The current position of an ECS resident file is invalid.	Notify system analyst.	B,J,S	FIN
SYSTEM ERROR (FIN) - NO FNT SUPPLEMENT FOR lfn	FIN has detected an ECS resident file that has no FNT supplement. The user's job will abort.	Notify system analyst.	B,J,S	FIN
SYSTEM ERROR I/O SUSPENDED	A tape controller failed during tape operation. An attempt to autoload or master clear controller failed.	Notify customer engineer or system analyst.	B,J,S	3IM
SYSTEM ERROR IN DSM	Fatal system error.	Notify system analyst.	B,S	DSM
SYSTEM ERROR-INVALID MST ENTRY	Fatal system error.	Notify system analyst.	B,S	DLM
SYSTEM ERROR-INVALID PRU INDEX	System software error. Bad MTR request. Pack contents error.	Notify system analyst. Set may be destroyed, so run RECOVER.	B,J,S	DLM
SYSTEM ERROR-MASTER LABEL INVALID	Fatal system error.	Notify system analyst.	B,S	LDM
SYSTEM ERROR-MEMBER NOT IN SMT	Fatal system error.	Notify system analyst.	B,S	DLM
SYSTEM ERROR - NO APF ORDINAL FOR FILE lfn - OUX	Fatal system software error.	Notify system analyst and retry.	B,J,S	OUX
SYSTEM ERROR-PFCCP COULD NOT LOAD UTIL	Fatal system error.	Notify system analyst.	B,S	PFCCP
SYSTEM ERROR-RBR ENTRY MISSING	Fatal system error.	Notify system analyst.	B,S	DLM
SYSTEM ERROR-REQ	File name table entry for current file has been cleared.	Notify system analyst.	B,J,S	REQ
SYSTEM ERROR-SMT INVALID	Fatal system error.	Notify system analyst.	B,S	DLM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
SYSTEM ERROR TAPES-TABLE	Fatal error, code 22. EST ordinal of tape unit assigned to file could not be located in TAPES table in CMR.	Notify system analyst.	B,J,S	1MF 1CL 1RP REQ 1NR 1RS 1RT 1R9 1WI 1WS 1WN 1W9 1MT
SYSTEM ERROR TAPES TABLE - 1RQ	System error; could not locate a tapes table entry.	Notify system analyst.	B,J,S	6IM
SYSTEM ERROR TYPE GOxx OR DROP JOB	System error.	Notify system analyst. Analyst should dump SEF file of CE error file using RTRVSEF program described in CDC On-Line Diagnostics Manual.	B,J,S	3IM
SYSTEM HUNG - LDCMR ABORTED	Fatal error. Job to relocate ECS segments terminated abnormally.	Notify system analyst.	S	TDS
SYSTEM HUNG TO CHECK PF ERRORS	Fatal error. A system permanent file operation resulted in an error return code.	Refer to system dayfile for a message containing permanent file name, operation, and return code. This message is used for all fatal errors detected by TDS.	S	TDS
SYSTEM NOT CONFIGURED FOR INTERCOM	INTERCOM cannot be activated.	Notify system analyst.	S	1I1
SYSTEM OVERFLOWS 5 DEVICES	Informative message.	Redeadstart and define larger capacity devices.	D	IRCP
SYSTEM SET CANNOT BE SHARED	Informative message.	Clear shared drive attribute from all members of system set.	D	IRCP
SYSTEM SET MOUNT NOT ALLOWED	Fatal user error. A system set can only be mounted by a postdeadstart mode call.	Remove mount statement or use a different set.	B,J,S	MNT
T.SEQ LESS THAN 2 CM WORDS	Error in APR.	Notify system analyst.	B,S	APR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TABLE LENGTH ERROR IN CMRDIR	Fatal user error. Stack or trace buffers defined in CMR directory are too large.	Redefine stack or trace buffers in CMR directory.	B,J,S	LDCMR
TABLE OVERFLOW ERROR - EDITLIB REQUIRES MORE FL	Informative message.	Correct problem and retry.	S	EDITLIB
TABLE OVERFLOW WHILE PERFORMING A DELETE. ENLARGE BUF3	Fatal error.	Install new version of EDITLIB with larger BUF3.	S	EDITLIB
TAPE ASSIGNED TO ANOTHER FILE, CANNOT SWAP	Fatal abort. The next tape to be assigned to the file is already assigned to a different file or control point.	Specify the proper VSN tape sequence and rerun.	J,S	3IM
TAPE HARDWARE ERROR	Fatal hardware error.	Notify system analyst.	B,J,S	GENLDPF PFLOG
TAPE I/O ERROR UNIT xx TYPE 66n FILE NAME lfn FET ADDRESS addr MT or xx BLOCK COUNT = count NT message.	Operator message. The sixth line of the message further describes the error and is documented as a separate entry in this manual. xx Tape EST ordinal lfn File name addr FET address count Block count n 7 or 9 message Error description	Refer to the documentation of the sixth line of the message.	B,J,S	REQ
$TAPE IO SUSPENDED ON CHcc	Operator message. Tape subsystem hardware error. Channel cc was removed from service because of an error detected by a tape driver. Channel number of failing channel (cc) is removed from all EST entries and stored in corresponding URT entries.	Type ACK. When controller/channel is repaired and is ready for service (controlware has been reloaded if necessary), type UP,CHcc.	B	3IE
TAPE IS NOT IN STRANGER FORMAT	User error.	Retry.	B,J,S	DUMPF
TAPE IS NOT LABELED, USE N PAR IN REQUEST	Fatal user error.	Fix DUMTAPE REQUEST statement by inserting N parameter (new label) and resubmit job.	B,J,S	DUMPF
TAPE LIMIT EXCEEDED (CKP)	Job has too many tape files for CKP to handle. Checkpoint cannot continue if checkpoint requires more than 15 tapes.	Reduce number of tape files.	B,J,S	CKP
TAPE NOT LABELLED	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TAPE xx OFF OR ASSIGNED	Response to a ULxx type-in. xx Tape unit EST ordinal	No action required.	S	1MH
TAPE PARITY ERROR	Occurs in reading system from tape or writing onto system device.	Redeadstart.	D	TDR
TAPE REJECT	Occurs in reading system from tape or writing onto system devices.	Redeadstart.	D	TDR
TAPE SHOULD BE LABELED IS UNLABELED	Tape requested as labeled does not have a readable label.	If GOxx. is typed, tape will be processed as unlabeled. If RECHECKxx. is typed, system will reread tape. If an incorrect unit was assigned, mount correct tape on same unit; a RECHECK allows job to proceed.	B,J,S	3IM 4LB
TAPE SHOULD BE UNLABELED IS LABELED	Tape requested as unlabeled has a valid label.	If GOxx. is typed, tape will be processed as a labeled tape. If RECHECKxx. is typed, system will reread tape; or correct tape can be mounted on same unit and a RECHECK will allow job to proceed.	B,J,S	3IM
TAPE STAGING ON, NO VSN INFORMATION SUPPLIED - JOB PREABORTED	Fatal user error.	Supply vsn information and retry.	J	6PD 1MH
TAPE/UNIT ASSIGNMENT ERROR	Exit processing in the job unsuccessfuly attempted tape I/O. The system asked the operator to perform a GO or RECHECK.	Drop or rerun the job.	B,J,S	3IM
TAPE UNLOADING, TYPE GOxx TO IGNORE	Unit with EST ordinal xx is unloading a tape at end of job.	Type GOxx to clear control point. This action inhibits unload.	B	3IC
TAT F. INVALID ADDRESS	Fatal system error. PF set table system access.	Notify system analyst.	B,J,S	TAT
TAT NOT USER CALLABLE	Fatal user error. User is not allowed to call PP overlay.	Correct COMPASS program.	J,S	TAT
TBL BUFFER OVERFLOW	Error in peripheral processor routine TBL.	Notify system analyst.	B,J,S	TBL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TBL CALLED BY PROGRAM NOT ON SYSTEM LIBRARY	Fatal user error. Peripheral processor routine TBL cannot be called from a program not on system library.	Notify system analyst.	B,J,S	TBL
TBL CALLED FOR BAD USER TABLE	Error in call to peripheral processor routine TBL.	Notify system analyst.	B,J,S	TBL
TBL CALLED FROM NON-INTERCOM CONTROL POINT	Fatal user error. Peripheral processor routine TBL cannot be called from a non-INTERCOM control point.	Run program interactively from a terminal.	B,J,S	TBL
TBL PARAMETER ERROR	Error in call to peripheral processor routine TBL.	Notify system analyst.	B,J,S	TBL
TBL SWAP CALL NOT BY LOGIN	Error in call to peripheral processor routine TBL.	Notify system analyst.	B,J,S	TBL
TDFGEN CANNOT MODIFY INIDxxx FILE WITH INTERCOM UP.	This message signals an unsuccessful attempt to modify the current INIDxxx file while INTERCOM is up.	Drop INTERCOM then run the TDFGEN utility.	S,J	TDFGEN
TDFGEN CONTROL CARD ERROR.	The control card contains incorrect parameters. Refer to TDFGEN in the NOS/BE Installation Handbook.	Revise the parameters and retry.	S,J	TDFGEN
TDFGEN ERRORS.	The TDFGEN input contains errors. Refer to TDFGEN in the NOS/BE Installation Handbook.	Correct input directives and retry.	S,J	TDFGEN
TDFGEN ONLY CAN BE RUN AS A BATCH JOB.	The user attempted to create a new INIDxxx file by using TDFGEN from an interactive job. To use TDFGEN interactively, the user must be in debug mode.	Use TDFGEN in debug mode or submit a batch job.	S,J	TDFGEN
TDFGEN PERMANENT FILE ERROR CODE = xx	TDFGEN detected permanent file error xx. Refer to the FDB return codes on the inside front cover.	Correct problem and retry.	S,J	TDFGEN
TDFGEN – REQUEST RETURN ERROR CODE = xx	TDFGEN detected REQ error code xx while trying to catalog the INIDxxx file. Refer to the NOS/BE Reference Manual for the REQ return codes.	Correct problem and retry.	S,J	TDFGEN
TERMINAL CONFIGURATION ERROR	INTERCOM problem.	Notify system analyst.	S	1I1
TERMINAL CONFIGURATION ERROR	INTERCOM problem.	Notify system analyst.	B,J,S	1I1
TERMINAL ID TOO LARGE	INTERCOM problem.	Notify system analyst.	S	1I1
TERMINATOR MISSING	Nonfatal user error. Control statement lacks a terminator. Either a terminator is supplied or statement is ignored, depending upon program calling COMQARG.	Add either a period or a left parenthesis to end statement.	B,J,S	COMQARG

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TEXT CARD CONTAINS AN ILLEGAL SEPARATOR AN ID(P1) IS REQUIRED ON ALL TEXT CARDS	Only acceptable separators are +-,() or blanks. A period cannot be used as a terminator. The second line is issued when a period is used because the system expects another directive to follow the period.	Correct problem and retry.	B,S	COPYN
THE CM RESIDENT LIBRARY HAS OVERFLOWED THE DEADSTART PROGRAMS	Informative message.	Reduce CM library on a new deadstart tape.	D	IRCP
THE FOLLOWING PRESET FLAW IS IN ERROR, ENTER ONE OF THE OPTIONS ON THE LEFT SCREEN	Header message for LABEL display. This message is followed by invalid data and a trailer message. Invalid data is either an illegal type-in or an illegal flaw assembled in CMR. Trailer messages, possibly describing error in more detail, follow this message.	Enter one of the options listed on the left screen.	D	IRCP
THE FOLLOWING TYPE-IN WAS IN ERROR AND WAS IGNORED	Header message for label display.	Refer to previous message for significance.	D	IRCP
THE LFN SPECIFIED IS NOT A DEADSTART TAPE	Informative message.	Correct problem and retry.	S	EDITLIB
THE MESSAGE LEVEL PARAMETER NOT AVAILABLE FOR USER EDITLIB	Informative message.	Remove ML parameter from EDITLIB control statement and retry.	S	EDITLIB
THERE HAS BEEN AN ECS PARITY ERROR AT addr	Informative message. addr ECS address	Notify customer engineer.		
THIS DIRECTIVE NOT ON ONE CARD OR THERE IS NO TERMINATING DELIMITER	Informative message.	Correct problem and retry.	S	EDITLIB
THIS MAY BE A BAD BINARY DECK OR A PP PROGRAM WHICH IS NOT ALLOWED IN A USER LIBRARY	Informative message.	Correct problem and retry.	S	EDITLIB
THIS ROUTINE NOT ALLOWED - ROUTINE IGNORED	DSP was called to process a job with a predayfile and caller was not from system library. Job terminated.	No action required.	J,S	DSP
THIS SYSTEM DOES NOT HAVE ECS - ECS CHANGED TO DS.	User error.	Correct problem and retry.	B,J,S	EDITLIB
THIS SYSTEM DOES NOT HAVE ECS - EM CHANGED TO CM.	User error.	Correct problem and retry.	B,J,S	EDITLIB
THIS WILL BE A DESTRUCTIVE PERMANENT FILE DUMP. TYPE GO OR DROP	Warning message.	Type n.GO or n.DROP.	B,J,S	DUMPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TID NOT ALPHANUMERIC – ROUTING IGNORED	Terminal identification must be two letters or digits.	Correct problem and retry.	B,J,S	DSP
TIME ERROR IN CONVERSION, WORD ZEROED	Informative message.	No action required.	B,J,S	LOADPF
TIME MUST BE ENTERED BEFORE CONTINUING	Informative message.	Enter time.	B	AUX
TMT F. INVALID ADDRESS	Fatal system error. Address of parameter block is outside of caller's field length.	Notify system analyst.	J, S	TMT
TMT NOT USER CALLABLE	User is not allowed to call PP overlay TMT.	Remove the call to TMT and rerun job.	J,S	TMT
TOO FEW FILES ON LOAD TAPE	Fewer files than specified on tape.	Correct problem and retry.	B,S	TLOAD
TOO FEW JOBS ON THIS FILE	Fewer jobs than specified on file.	Correct problem and retry.	B,S	TLOAD
TOO MANY CHAR.–S IN PARAM.	Fatal user error. Set name greater than 7 characters or VSN greater than 6 characters or internal mount system error.	System analyst should take a PP dump, trace MNT caller.	B,J,S	MNT
TOO MANY EQUIPMENTS ON CHANNEL	INTERCOM problem.	Notify system analyst.	S	1I1
TOO MANY EQUIPMENTS ON CHANNEL	INTERCOM problem. Only one device at a time can access channel.	Notify system analyst.	B,J,S	1I1
TOO MANY FLAWS FOR THIS DEVICE	IRCP has filled its available flaw table area, either because of the number of flaws entered, or because of the available central memory for flaws as displayed on top of the label initialization display.	Do not enter any more flaws. If more space is needed, rebuild the deadstart tape with the deadstart parameters adjusted.	D	IRCP
TOO MANY INPUT FILE NAMES ON COPYN	Maximum number of file names is 10.	Reduce the number of file names and retry.	B,S	COPYN
TOO MANY MUX CHANNELS	INTERCOM problem. Number of drivers required exceeds installation parameter IP.IND.	Notify system analyst.	B,J,S	1I1
TOO MANY MUX CHANNELS	INTERCOM problem.	Notify system analyst.	S	1I1
TOO MANY NAMES ON LIBRARY CARD LIMITS – 24 SYSTEM, NO USER 13 SYSTEM, 1 USER 2 SYSTEM, 2 USER	This error depends on format of control point area field used to hold global library set information. These limits do not apply to LDSET (LIB=libname) function.	Observe specified limits for library names, or use LDSET (LIB=libname) control statements instead.	B,S	LDRCNTL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TOO MANY PARAMETERS	Refers to FLAW and FREE type-ins and to assembled CMR flaws.	Enter one of the options listed on the left screen.	D	IRCP
TOO MANY PARAMETERS	Too many parameters specified.	Correct problem and retry.	B,S	TLOAD
TOO MANY PARAMETERS ARE GIVEN OR INVALID DELIMITER WAS USED	Informative message.	Correct problem and retry.	S	EDITLIB
TOO MANY PARAMETERS (LISTMF)	Fatal user error. More than allowed number of parameters in control statement.	Correct problem and retry.	B,J,S	LISTMF
TOO MANY PUBLIC SETS	The system does not allow more than four public sets.	Reconfigure RMS devices so that there are less than five public sets.	D	IRCP
TOO MANY RBR CARDS	User or operator error. Number of RBR cards specified by user exceeds number of RBR headers for device in CM.	Correct RBR cards and retry.	B,J,S	LABELMS
TOO MANY RBR HEADERS - OUX	System software error.	Notify system analyst.	B,J,S	OUX
TOO MANY RBRS-LBL	Fatal system software error.	Notify system analyst. LABELMS is assembled to handle a maximum of eight RBRs per device. If more are needed, reassemble LABELMS and LBL changing N.MRBR to desired number.	B,J,S	LBL
TOO MANY TEXT CARDS IN THE INPUT RECORD	Maximum is 1040 characters.	Reduce the number of characters in the input record and retry.	B,J,S	COPYN
TRAILER LABEL NOT TERMINATED BY TAPEMARK	The tape spun-off task detected an error while processing the standard trailer label records. A tapemark is written by the spun-off task.	Take a dump of the field length of the spun-off task and notify system analyst.	B,J,S	SOTTP
TRAILER LABELS .GT. number WORDS	The tape spun-off task received standard trailer label records from SCOPE 2 which exceeded the allocated buffer space (number) in the spun-off task. A default trailer label is written by the spun-off task.	Take a dump of the field length of the spun-off task and notify system analyst.	B,J,S	SOTTP
TRANSFER ABORTED-WCW ERROR message DC,dc lfn	The spooling spun-off task has detected a bad W control word while receiving output file lfn, with disposition code dc from SCOPE 2. Refer to the ROUTE control statement in the NOS/BE	Notify system analyst.	B,J,S	SOT76

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	Reference Manual for more information regarding the disposition code. The error is given in the message field.			
	message	Explanation			
	CW PARITY — Parity error in the W control word.			
	LEN GR MAX — The length of the W record was greater than the maximum allowed for spooled output files.			
	NEG LENGTH — Length in the W control word was negative.			
	The remainder of the output file transfer is truncated at this point.			
TRANSFER DIRECTIVE VALID ONLY IN DEADSTART CREATION MODE	Informative message.	Correct problem and retry.	B,J,S	EDITLIB
TRANSFERRED TO jobname	Dependent count in job jobname has been decremented as requested by TRANSF.	No action required.	B,J,S	JDP
TRANSMIT jobname,q-did/tid	Informative message	No action required.	B,J,S	GEMINI
	jobname — Name of job or file being transferred.			
	q — Queue in which the job or file is located.			
	I Input O Output P Punch E Execute S Special J JANUS			
	did — Destination identifier.			
	tid — Terminal identifier.			
TRANSPF ABORT-DEVICE NOT MOUNTED	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-DEVICE NOT ON LINE	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-EST BUSY BIT PROBLEM	System software error.	Notify system analyst.	B,J,S	TRANSPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TRANSPF ABORT-EST OUT OF RANGE	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-EST PROBLEM	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-FNT NOT FOUND	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT - IO ERROR RETURN ec	File action error. ec CIO error code (refer to the NOS/BE Reference Manual).	Notify system analyst.	B,S	TRANSPF
TRANSPF ABORT-LABEL READ ERROR	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-LABEL WRITE ERROR	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-LOST HARDWARE I/L	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-MST NOT FOUND	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-PERMISSION FILE ERROR	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-PRU I/O ERROR	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-RBR HEADER ABSENT	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-RBTC ERROR	Fatal system error.	Notify system analyst.	B,S	TRANSPF
TRANSPF ABORT-REQ ERROR	Fatal system error.	Notify system analyst.	B,S	TRANSPF
TRANSPF ABORT-SET FNT NOT FOUND	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF ABORT-SET I/L PROBLEM	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF...DAM HEADER BAD, AVAIL RES.GT.TOTAL RBS	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF FINISHED	Informative message.	No action required.	B,J,S	TRANSPF
TRANSPF...FM IS A MASTER DEVICE	Informative message.	No action required.	B,J,S	TRANSPF
TRANSPF-NO TABLE ROOM ON TM	User error.	Retry.	B,J,S	TRANSPF
TRANSPF-PARITY ERROR	System software error.	Notify system analyst.	B,J,S	TRANSPF
TRANSPF-PFD FULL, ALL FILES NOT TRANSFERRED	PFD is not large enough for the desired transfer.	Increase the NF parameter on the ADDSET statement and retry.	B,J,S	TRANSPF
TRANSPF SFS CALL WITH RB-O	System software error.	Notify system analyst.	B,J,S	TRANSPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
TRANSPF...TABLE TRANSFER FINISHED	Informative message.	No action required.	B,J,S	TRANSPF
TRANSPF TAT ABORT *TERMINATED*	System software error.	Notify system analyst.	B,J,S	TRAN
TRAY EMPTY	Informative message.	Reload card reader and make it ready.	B,J	1IR
TRIED TO READ IN OPPOSITE PARITY (BINARY/CODED)	If EP is set, system returns an error code; otherwise, the message TYPE GOxx OR DROP JOB is requested.	Correct problem and retry.	B,J,S	3IM
TRIED TO USE DOWNED UNIT	The operator attempted to assign tape unit xx, but the unit was down.	Drop or rerun job.	B,J,S	REQ
TRIED TO WRITE BLOCK LESS THAN MINIMUM ALLOWED	Fatal user error.	Correct problem and retry.	B,J,S	3IM
TRIED TO WRITE BLOCK LONGER THAN MLRS	Fatal user error, code 22.	Correct problem and retry.	B,J,S	3IM
TRIED TO WRITE NOISE RECORD	Fatal error.	Correct problem and retry.	B,J,S	6WM
TS MUST BE SPECIFIED	User error.	Retry.	B,J,S	TRANSPF
TWO CPUS EXIST BUT CMR ALLOWS ONLY ONE REDEADSTART AND TURN OFF CPU1.	The CMR selected was assembled with IP.MCPU=1 but the mainframe has two active CPUs.	Perform one of the following: - Turn off CPU1 with CTI *H* display. - Select another CMR. - Reassemble CMR with IP.MCPU=2.	D	CONTROL
TWO DATES SPECIFIED	Fatal user error.	Check dates specified and retry.	B,J,S	DUMPF LOADPF
TYPE GO AFTER RUNNING RECOVER (SN=setname, V=vsn, MO=4, MF=mfid)	Operator message. Operator should reinitiate mount. setname Set name vsn Volume serial number mfid Mainframe identifier	Run recover, as specified, at another control point; then type GO.	B,J,S	SETCCP
TYPE GO AFTER RUNNING RECOVERY (SN=setname, V=vsn)	Operator message. Operator should reinitiate mount. setname Set name vsn Volume serial number	Run recover, as specified, at another control point; then type GO.	B,J,S	SETCCP
TYPE GO, DROP OR RECHECK	Operator message. Dependency job not in system.	Correct problem and retry.	B	JDP
TYPE RPV TO REPRIEVE	Informative message.	Type RPV if reprieve processing is desired.	B	DIS

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
T76 - BEGIN RECALL INTERVAL	Informative message.	No action required.	B,J,S	T76
T76 - CALLING PROGRAM BUFFER ADDRESS ERROR	Error in calling program.	Notify system analyst.	B,J,S	T76
T76 - END RECALL INTERVAL	Informative message.	No action required.	B,J,S	T76
T76 - ILLEGAL MESSAGE CODE	Error in station.	Notify system analyst.	B,J,S	T76
T76 - ILLEGAL PP CALL	Fatal user error. Peripheral processor routine T76 cannot be called from a nonsystem origin job.	Notify system analyst.	B,J,S	T76
T76 - ILLEGAL REQUEST PARAMETER	Error in calling program.	Notify system analyst.	B,J,S	T76
T76 - MESSAGE REQUEST ANSWERED	Informative message.	No action required.	B,J,S	T76
T76 - MESSAGE REQUEST POSTED	Informative message.	No action required.	B,J,S	T76
T76 - NOT CALLED FROM INTERCOM	Fatal user error. Peripheral processor routine T76 cannot be called from a non-INTERCOM control point.	Run job interactively from a terminal.	B,J,S	T76
T76 - PARAMETER ADDRESS OUT OF RANGE	Error in calling program.	Notify system analyst.	B,J,S	T76
T76 - REQUEST REJECTED BY STATION	Station could not service request.	Retry command.	B,J,S	T76
T76 - STATION ADDRESS OUT OF RANGE	Error in peripheral processor routine T76.	Notify system analyst.	B,J,S	T76
T76 - STATION CONTROL POINT ABORTED	T76 detected a user or station error.	Notify system analyst.	B,J,S	T76
T76 - STATION NOT RESPONDING	Station could not service request.	Retry command.	B,J,S	T76
T76 - UNRECOGNIZED REPLY FROM STATION	Error in station.	Notify system analyst.	B,J,S	T76
UBC IN FET TOO LARGE	Fatal user error. UBC specified in FET greater than 60.	Correct problem and retry.	B,J,S	3IM
UBC IN HEADER TOO LARGE	Fatal user error. Header word contains a UBC greater than 60.	Correct problem and retry.	B,J,S	3IM
UBC TOO LARGE	Unused bit count is greater than 59 in S or L tape control word or in seventh word of FET.	Correct problem and retry.	B,J,S	6WM
UNABLE TO DECREMENT DUMPF COUNT IN LABEL - RUN RECOVER	At EOJ of a DUMPF job a hardware error or a broken interlock for shared RMS prevented 1PC from reading or writing the master label.	Run RECOVER (mode 1, 2, or 4) before the next set of DUMPF jobs are run.	B,J,S	1PC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
UNABLE TO FIND LABEL	Disk errors encountered while trying to find label, or there is no valid label.	Reassign or drop job.	B,S	ADS
UNABLE TO FIND PFD DEVICE	Fatal system software error.	Notify system analyst.	B,J,S	PFD
UNABLE TO LOCATE PGM prog ON lfn	EDITLIB could not find indicated program prog on file lfn.	Ensure specified program is on specified file and retry.	S	EDITLIB
UNABLE TO READ LABEL JUST WRITTEN	Fatal error unless EP set. Unit error or bad tape.	Certify tape and retry.	J,S	3IM
UNABLE TO WRITE BLANK LABEL	Fatal system error.	Notify system analyst.	B,J,S	LBL
UNABLE TO WRITE FROM LOADPOINT DUE TO BAD TAPE	A defective tape was detected. If the EP bit is set, control returns to the user program for error processing; otherwise, error is fatal.	Rerun job using a different tape.	B,J,S	3IM
UNABLE TO WRITE RBR TABLE-LABELMS	Fatal system error. Job is aborted.	Notify system analyst.	B,J,S	LABELMS
UNAUTHORIZED ENTRY INTO CEM	A user attempted to call CEM. The user job is aborted.	No action required.	B,J,S	CEM
UNCOR. RMS ERROR RESULTS UNCERTAIN	Fatal hardware error.	Notify system analyst.	B,J	RECOVER

UNCORRECTABLE RMS ERROR
    FILE NAME lfn
    FET ADDRESS addr
    DETAIL STS dddd dddd dddd dddd dddd
    dddd dddd dddd dddd dddd dddd dddd
    STATUS ssss cccc
    EQxx TRYnn ADDR aaaa bbbb cccc
    RBRxxxx R Byyyy PR Uzzzz
    RECORDED ADDR pppp qqqq
	Return dependent on EP bit setting. Error code 04 returned in bits 9 through 13 of FET code/status. Uncorrectable device error was not recovered after 10 (octal) attempts to read/write a PRU. May be actual parity error, lost data, mispositioned disk address error, and defective track error. Controller status ssss; converter status cccc (for 6603, 6638, and 865); EST ordinal xx; physical address of bad PRU aaaa bbbb cccc; logical address xxxx, yyyy, zzzz; and recorded physical pppp qqqq are all octal. Last line appears only for 6638 disk units; aaaa bbbb not equal to pppp qqqq, indicates positioning error. DETAIL STS line appears only for 844-21 and 844-41 disk drives and gives detailed status information about error.	No action required. Added information is written in CERFILE. Notify customer engineer.	J,S	1SX

UNCORRECTABLE RMS ERROR
    FILE NAME lfn
    FET ADDRESS addr
	System error. An RMS error was not recovered. Return is dependent upon EP bit setting. Error code 04 is returned in bits 9 through 13 of FET code/status field. For an 819 disk drive, only one message per 819 sector is put in job or system dayfile.
	
	lfn File name
	addr FET address
		No action required. Added information is written in CERFILE. Notify customer engineer.	J,S	CEM

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE

UNCORRECTABLE RMS ERROR
  FILE NAME lfn
  FET ADDRESS addr
  RMS ERROR INFORMATION LOST
	Return dependent on EP bit setting. Error code 04 returned in bits 9 through 13 of FET code/status. Uncorrectable device error was not recovered after 10 (octal) attempts to read/write a PRU. Error information was lost because of concurrent hardware error.
	lfn File name
	addr FET address
		No action required. Added information is written in CERFILE. Notify customer engineer.	J,S	1SX

UNEXPECTED RM ERROR ec ON lfn	Fatal software error. ec is CYBER Record Manager error code returned to the file information table of file lfn.	Notify system analyst.	B,J,S	GENLDPF PFLOG
UNEXPECTED RM ERROR ec ON PFC	Fatal software error. ec is CYBER Record Manager error code returned to the file information table of the permanent file catalog.	Notify system analyst.	B,J,S	PFLOG
UNEXPECTED RM ERROR ec ON TAPE	Fatal software error. ec is CYBER Record Manager error code returned to file LOGTAPE.	Notify system analyst.	B,J,S	GENLDPF PFLOG
UNIT DISCONNECTED	Fatal hardware error.	Redeadstart.	D	CONTROL
UNITuu DOWNED	Fatal hardware error. uu Unit number	Notify customer engineer.	S	1LC
UNIT NOT PHYSICALLY CONNECTED TYPE GOxx OR DROP JOB	Software error or operator changing unit number. xx EST ordinal	Correct problem and retry, or notify system analyst.	B,J,S	3IM
UNIT RESERVED BY ANOTHER BC	If EP is set, system returns an error code; otherwise, the message TYPE GOxx OR DROP JOB is requested.	Notify system analyst.	B,J,S	3IM
UNKNOWN DEVICE TYPE SPECIFIED-LABELMS	Fatal user error.	Correct DT parameter and rerun.	B,J,S	LABELMS
UNKNOWN DEVICE TYPE SPECIFIED-RELABEL	Fatal user error.	Correct problem and retry.	B,J,S	RELABEL
UNKNOWN EQUIPMENT TYPE	The system does not recognize this device mnemonic.	Correct device mnemonic and try again.	D	IRCP
UNKNOWN LFN	Conditionally fatal user error (FDB return code = 003B). Logical file name specified or assumed not found. Error code passed to 1PD by PFM routines.	Correct problem and retry.	J	1PD

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
UNLOAD NOT ALLOWED ON INPUT	Fatal user error. UNLOAD statement or macro specified job input file or current CCL procedure file.	Remove UNLOAD statement or macro call.	B,J,S	1CL
UNRECOGNIZABLE ARGUMENT -- IGNORED	Nonfatal user error. A control statement parameter cannot be recognized, either because it is not valid for that control statement or because it is incorrectly specified.	Check statement parameters for validity, removing any nonvalid parameters. If valid, check parameters for errors and correct.	B,J	COMQARG
UNRECOGNIZABLE HEADER LABEL	Fatal error. Cannot read HDR1 label on tape.	Correct problem and retry.	B,J,S	3IM
UNRECOGNIZABLE HEADER - WILL NOT RELOAD FILE IF FIRST VOLUME	Informative message. If loading from a continuation tape, LOADPF will skip to next file. Can also mean that wrong tape was assigned.	Usually safe to ignore if only one instance and loading is from a continuation tape. Ensure that proper tape is being read.	B,J,S	LOADPF
UNRECOGNIZABLE TABLE	May be a bad binary or a PP program not allowed in a user library.	Regenerate binary and retry.	S	EDITLIB
UNRECOGNIZABLE TABLE FOLLOWING A PREFIX TABLE	Fatal error. Nonloader table encountered in a binary record.	Notify system analyst.	S	EDITLIB
UNRECOGNIZABLE TRAILER LABEL	Fatal error.	Correct problem and retry.	B,J,S	3IM
UNRECOVERABLE TAPE PARITY ERROR ON CLOSER	Fatal system error.	Notify system analyst.	B,J,S	DUMPF
UNRECOVERABLE TAPE PARITY ERROR ON OPEN	Fatal system error.	Notify system analyst.	B,J,S	DUMPF
UNUSABLE TAPE	Fatal user error.	Correct problem and retry.	B,J,S	PFLOG
UNUSABLE TAPE MOUNT NEW REEL HIT CR	System was unable to write header labels due to bad tape.	Mount a new tape and press carriage return.	D	CONTROL
UPDATED-type/name	Informative message. The record with type and name on the old file was replaced with the matching record from the replacement file.	No action requested.	B,J,S	COPYL/ COPYLM
URT IN NEW CMR TOO SMALL TO ACCOMODATE URT FROM OLD CMR RECOVERY ABORTED	Fatal deadstart recovery error.	Perform a level 0 or 1 deadstart.	D	IRCP
USE E PARAMETER ON REQUEST CARD	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
USE N PARAMETER ON REQUEST CARD	Fatal user error.	Correct problem and retry.	B,J,S	PFLOG
USE NORING ON REQUEST CARD	Fatal user error.	Correct probem and retry.	B,J,S	GENLDPF
USE STANDARD LABELS ON REQUEST CARD	Fatal user error.	Correct problem and retry.	B,J,S	GENLDPF PFLOG
USER EDITLIB HAS DETECTED num ERROR CONDITIONS IN EXECUTION OF DIRECTIVES	Informative message. num Number of errors	Check output to find out which errors were detected.	B,J,S	EDITLIB
USER LIB NOW CONTAINS AN EMPTY PNT	Informative message.	Ensure library being modified is not empty and retry.	S	EDITLIB
USER LIBRARY COULD NOT BE FOUND ON FILE lfn	Informative message. lfn File name	Ensure correct file is specified and retry.	S	EDITLIB
USER NOT AUTHORIZED FOR PROGRAM	User's access level and permissions do not permit use of the system program.	Correct problem and retry.	B,J,S	1AJ
USER NOT AUTHORIZED TO CALL SYSTEM PROGRAM *TDS*	User's job aborted while attempting to call TDS.	Remove call to TDS from program and retry.	B,J,S	TDS
USER VALIDATION DENIED	Fatal user error. Either calling routine is not in system library or system is not in engineering mode and routine was not started from console.	Remove CVL call, put calling routine in system library, or turn on engineering mode.	B,J,S	CVL
USING CMR FROM INPUT FILE	Informative message. CMR is on LDCMR input file.	No action required.	B,J,S	LDCMR
USING SYSTEM LIBRARY lib	Informative message. Alternate system library lib is used. CMRLIB is default system library, but alternate library lib was specified in T.ENTRY+W.SGLIB. Alternate library overrides default.	No action required.	B,J,S	LDCMR
UTILITY FLAW MAP MISSING	Informative message on right screen of deadstart label display. List of flaws recorded on an 844-21 or 844-41 could not be read correctly.	Notify customer engineer.	D	IRCP
VERIFY PARAMETER OUTSIDE FL - VERIFY IGNORED	Verify parameter block outside user's field length. Job is aborted.	Correct problem and retry.	B,J,S	VEJ
VERIFYING LABEL	Informative message.	No action required.	B	RECOVER

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
VERIFYING MEMBERSHIP	Informative message.	No action required.	B,S	RECOVER
VERIFYING PFD-PFC	Informative message.	No action required.	B,S	RECOVER
VPB COMPLETE BIT ALREADY SET - VERIFY IGNORED	Fatal error. Verify parameter block complete bit already set. Job is aborted.	Correct problem and retry.	J,S	VEJ
VSN CONFLICT	Fatal system error.	Notify system analyst.	B,J,S	MNT
VSN=vsn, DAM dam count RBS NOT FREED USE RECOVER TO RELEASE THEM	Informative message. vsn Volume serial number dam Dam entry number count Number of record blocks	Notify system analyst. Since some RBs were not released, run RECOVER on device set to get a valid DAM.	J,S	1EV
VSN DOES NOT MATCH-LBL	Fatal system software error.	Retry.	B,J,S	LBL
VSN HAS ILLEGAL VALUE	Fatal user error. VSN parameter value contains illegal characters or more than 6 characters.	Correct problem and retry.	B,S	SETCCP
VSN HAS ILLEGAL VALUE-RELABEL	Fatal user error.	Correct VSN parameter in control statement.	B,J,S	RELABEL
VSN MUST BE SPECIFIED	Fatal user error.	Specify VSN in control statement.	B,J,S	SETCCP DMNT
VSN MUST BE SPECIFIED-RELABEL	Fatal user error.	Specify VSN in control statement.	B,J,S	RELABEL
VSN NOT FOUND IN SMT -DSM	Fatal system error.	Notify system analyst.	B,J,S	DSM

VSN vsn OF SN setname IS NOT PRESENT IN SMT DEVxx device CHcc EQe UNuu
 	
OPTIONS-
  EST - DISPLAY EST AND RESTART RMS
         LABEL PROCESSING
 	
  FREE - MAKE THE DEVICE FREE FOR
         PRIVATE USE
	There are two ways this message can occur:
	
	- There is a disk on-line which has a valid SN, but VSN is no longer a part of the set.
	
	- Operator is trying to rewrite a label on a disk using M option for SN setname, but has selected an incorrect VSN.
	vsn Volume serial number
	setname Set name
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
		Enter one of the options listed in the message.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
VSN ON PACK DOES NOT MATCH	Operator incorrectly specified VSN parameter in control statement, resulting in VSN mismatch.	Specify correct VSN parameter, or reassign or drop device.	B,S	ADS
VSN PARAMETER REQUIRES SN PARAMETER	Both VSN and SN must be specified to allow access to the private set on the specified mainframe.	Correct problem and retry.	B,J,S	1PG GPF SPF
WAIT DEADSTART REQUIRED COMMANDS DATE MM/DD/YY. TIME HH.MM.SS. N.CFO COMMAND TABLE DATE MM/DD/YY TIME HH.MM.SS	Informative message appears on left screen during postdeadstart processing. Appears on left screen at postdeadstart before time or date have been entered by operator. During this time, the operator may have to respond to further messages (B-display) with n.CFO command prior to completion of initialization.	Enter date and time.	D	DSD
WAIT SET ACTIVITY TO CLEAR	Informative message.	Determine if jobs are using SET. If none are, and message persists, notify system analyst.	B	DLM
WAITING ALL QUIET	Checkpoint cannot be taken until all activity at control point ceases. CKP has detected another PP program, or there is an outstanding stack request.	If message remains over 2 minutes, notify system analyst.	B	CKP
WAITING - DISK FULL	Informative message.	Drop job, assign more mass storage, or wait until another job releases storage.		
WAITING FOR ACCESS TO FILE	Informative message.	No action required.	B,S	1PF
WAITING FOR APF SPACE	Informative message.	No action required.	B,S	1PF
WAITING FOR ARCHIVED FILE	Informative message.	No action required.	B,S	1PF
WAITING FOR nnnnnn CM	Informative message. System is waiting for more central memory to become available so that it can increase the field length of a job. nnnnnn Words of central memory	No action required.	B	MEM
WAITING FOR DDP	Informative message.	If a DDP is being used for ECS buffering, turn on its EST ordinal. Otherwise, DROP or KILL control point to terminate job.	B	3DO

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
WAITING FOR nnnnn ECS	System is waiting for extended core storage to become available to assign it to the job associated with the control point where the message appeared. nnnnn Words of ECS	No action required.	B	MEM
WAITING FOR EDITLIB	INTERCOM waiting for EDITLIB to complete.	No action required.	S	1I1
WAITING FOR FILE ATTACHED ON OTHER MF	Informative message.	No action required.	B,J,S	1PF
WAITING FOR FNT SPACE	Informative message.	Operator has option to drop job.	B	EPF 1DF REQ FNT TPF NSV LOADPF
WAITING FOR FREE EST	Informative message.	No action required.	B,J,S	DSM
WAITING FOR FREE GETPF	Informative message.	No action required.	B,J,S	GPF
WAITING FOR FREE SAVEPF	Informative message.	No action required.	B,J,S	SPF
WAITING FOR GETPF ST=xxx	Informative message. xxx ID of staging station	No action required.	B,J,S	PFP SPF CIO
WAITING FOR LDCMR INTERLOCK	There is another LDCMR running which may be hung.	Notify system analyst.	B	LDC
WAITING FOR N.X subsys	Subsystem subsys has not been assigned to a control point.	Activate subsys by typing n.X subsys. Alternate procedures can be provided for activating certain subsystems.	B	SSC
WAITING FOR OTHER USER TO DISMOUNT SET	TRANSPF must be the only job having a particular private set mounted if the master device tables are to be moved.	No action required. TRANSPF will resume when it is the only job having its set mounted.	B	TAT
WAITING FOR PF ACTIVITY ON SET TO CLEAR	Informative message.	Operator has option to drop control point if message remains an extended period of time.	B,J,S	TAT

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
WAITING FOR PF ARCHIVE TAPE vsn	Informative message. vsn Volume serial number	Mount archive tape identified by vsn.	B,S	1PF
WAITING FOR PF UTILITY	Informative message.	No action required.	B,S	1PF
WAITING FOR PURGE ST=xxx	Informative message. xxx ID of staging station	No action required.	J,S	PFP SPF CIO
WAITING FOR RBT STORAGE	No empty chain member exists.	No action required unless the message persists for an unreasonably long time. In that case notify system analyst.	B	3DO
WAITING FOR ROOM IN ECS	Informative message. Requested ECS is not available.	REQ waits for space to become available.	B,S	REQ
WAITING FOR SAVEPF ST=xxx	Informative message. xxx ID of staging station	No action required.	B,J,S	PFP SPF CIO
WAITING FOR SET ACTIVITY TO CLEAR	Informative message.	It is operator's option to drop control point if message remains for an extended period of time.	B,J,S	TAT DLM
WAITING FOR SET I/L	Informative message.	No action required.	B,J,S	DSM LBL
WAITING FOR SET INTERLOCK	Informative message.	No action required.	B	DLM
WAITING FOR STORAGE	Operator message. Waiting for CM to be assigned.	No action required.	B	1BT RST RFL 1I1
WAITING FOR UNIT xx	Tape job is halted while waiting for tape unit with EST ordinal xx.	If tape is unloaded with save status, operator should remove write ring and remount; type ONxx.	B	REQ
WAITING FOR VSN=vsn,SN=setname	Informative message. vsn Volume serial number setname Permanent file set name	Put specified pack on an RMS device.	B,S	1PK
WAITING ON ACTIVE/ARCH FILES	Active or archive files are being used by other jobs. They will be dumped when released by the other jobs.	No action required.	B	DUMPF

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
****WARNING**** ECS LABEL WILL BE REWRITTEN AT ANOTHER GO ECS LABEL PROCESSING WILL BE RESUMED BY CARRIAGE RETURN	Informative message.	Follow instructions given in the message.	D	IRCP

WARNING-
   VSN vsn OF SN setname
   IS NOT ON-LINE
 	
OPTIONS-
  EST - DISPLAY EST AND RESTART RMS
       LABEL PROCESSING
  GO   - CONTINUE WITH THE DEVICE
       OFF-LINE
	Nonfatal error, since it is possible for system to run with a public device not mounted.
	vsn Volume serial number
	setname Set name
		Enter one of the options listed in the message.	D	IRCP

WARNING - CONFIGURATION DOES NOT MATCH RMS DEVICE LABEL
   DEVxx device CHcc EQe UNuu
   ATTEMPTING TO WRITE NEW LABEL ON A
   MEMBER OF A CHECKED SET
 	
OPTIONS-
  EST - DISPLAY EST AND RESTART RMS
       LABEL PROCESSING
  NEW - WRITE A NEW LABEL ON THE
       DEVICE, VSN vsn OF SN setname
  FREE - MAKE THE DEVICE FREE FOR
       PRIVATE USE
	Informative message.
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
	vsn Volume serial number
	setname Set name
		Enter one of the options listed in the message.	D	IRCP

WARNING - CONFIGURATION DOES NOT MATCH RMS DEVICE LABEL
   DEVxx device CHcc EQe UNuu
 	
OPTIONS-
  EST - DISPLAY EST AND RESTART RMS
       LABEL PROCESSING
  NEW - WRITE A NEW LABEL ON THE
       DEVICE, VSN vsn OF SN
       setname
  KEEP - KEEP AS VSN vsn OF SN
       setname
LABEL SHOWS
   VSN vsn OF SN setname
	Informative message.
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
	vsn Volume serial number
	setname Set name
		Enter one of the options listed in the message.	D	IRCP

WARNING - CONFIGURATION DOES NOT MATCH RMS DEVICE LABEL
   DEVxx device CHcc EQe UNuu
 	
OPTIONS-
  EST - DISPLAY EST AND RESTART RMS
       LABEL PROCESSING
	Informative message.
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
	vsn Volume serial number
		Enter one of the options listed in the message.	D	IRCP

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
NEW – WRITE A NEW LABEL ON THE DEVICE, VSN vsn OF SN setname KEEP – KEEP AS VSN vsn OF SN setname	setname Set name			

WARNING – CONFIGURATION DOES NOT MATCH RMS DEVICE LABEL
  DEVxx device CHcc EQe UNuu
  AT RECORDING MODE NOT ALLOWED
  NO 2XPPU OR CONTROLLER NOT 7154
 	
OPTIONS–
  EST – DISPLAY EST AND RESTART RMS LABEL PROCESSING
	Operator message. A full-track recording mode pack cannot be used in deadstart, either because no 2XPPU speed is available or drive which pack is on does not have access to a 7154 controller.
	xx EST ordinal
	device Device name
	cc Channel number
	e Equipment number
	uu Unit number
		Either redeadstart and turn on 2XPPU speed, move pack to a different drive, or type EST to return to EST display and check display for errors.	D	IRCP

WARNING – TERMINATORS ADDED BY IAP	Informative message. Missing terminators have been added to control statements passed by IAP.	No action required.	B,J,S	IAP
WCW ERROR message DC, dc lfn	The spooling spun-off task has detected a bad W control word while receiving output file lfn with disposition coded from SCOPE 2. Refer to the ROUTE control statement in the NOS/BE Reference Manual more information regarding the disposition code. The error is given in the message field. message Explanation CW PARITY Parity error in the W control word. LEN GR MAX The length of the W record was greater than the maximum allowed for a spooled output file. NEG LENGTH Length in the W control word was negative. The remainder of the output file transfer is truncated at this point. dc Disposition code	Take a dump of the field length of the spun off task and notify system analyst.	B,J,S	SOT76
WHAT REEL FOLLOWS vsn. TYPE j.VSN vsn2	Requires next VSN from operator. vsn Volume serial number	Enter volume serial number of next tape of multivolume set.	B	3IN

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
=WITH NO FOLLOWING VALUE -- IGNORED	Nonfatal user error. A control statement parameter is set equal to a null string. Parameter is ignored.	Follow equal sign with an appropriate value.	B,J,S	COMQARG
WORD COUNT IN HEADER EXCEEDS DATA IN BUFFER	Fatal user error. Header word during write nonstop was incorrect.	Correct problem and retry.	B,J,S	3IM
WORKING ON ACTIVE FILES	Informative message.	Wait.	B	DUMPF
WRITE AT 200 BPI NOT ALLOWED ON 667	Fatal error. 667 is a tape unit.	Correct problem and retry.	B,J,S	3IM
WRITE ATTEMPT ON PROTECTED VOLUME	Fatal abort. No ring specified and write was attempted.	Request with ring if a write is desired.	B,J,S	3IM 6WM
WRITE ERROR STATUS - DMS	Device hardware problems.	Notify system analyst.	B,J,S	DSM
WRITE NOT AT EOI ON PERMANENT FILE	Fatal error, code 22.	Correct problem and retry.	B,J,S	6WM
WRITE NOT AT EOI REQUIRES MODIFY PERMISSION	User error.	Get modify permissions for rewrites.	B,J,S	6WM
WRITE PARITY ERROR IRRECOVERABLE	If EP is set, system returns an error code; otherwise, a fatal abort.	Certify tape and retry.	B,J,S	3IM
WRITE PARITY ERROR RECOVERED	Informative message.	No action required.	B,J,S	3IM
WRITE REQUIRES EXTEND PERMISSION	Fatal error, code 22.	Correct problem and retry.	B,J,S	6WM
WRITING DAM TABLE	Informative message.	No action required.	B,S	RECOVER
WRONG NUMBER OF MAIN FRAMES RE-ASSEMBLE GEMINI AND MYQ FOR CONFIG	The GEMINI installation parameters are wrong.	Correct GEMINI installation parameters and reassemble.	B,J,S	GEMINI
WRONG NUMBER OF PARAMETERS	Informative message.	Correct problem and retry.	B,J,S	COMBINE
WRONG OR BAD QUEUE TAPE	Fatal error.	Retry with new tape or with correct type-in.	B,J,S	ADS
WRONG RECORDING MODE-OPP MODE USED	Nonfatal user error. User specified wrong recording mode on ADDSET control statement. Correct mode, taken from label, was used.	No action required.	B,J,S	ADS
WRONG TAPE, GO WHEN CORRECTED (RESTART)	Improper tape assigned or tape has been destroyed or overwritten.	Mount new tape before typing GO.	B	RESTART

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
X SPACE LOW SN=setname	The number of record blocks available for scratch files on the public set indicated has dropped to or fallen below the first (higher) system defined threshold. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
X SPACE NOT LOW SN=setname	The number of record blocks available for scratch files on the public set indicated has risen above the first (higher) system defined threshold.	Type ACK. to clear message.	R	2RN
X SPACE NOT OUT SN=setname	The number of record blocks available for scratch files on the public set indicated has risen above the second (lower) system defined threshold.	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
X SPACE OUT SN=setname	The number of record blocks available for scratch files on the public set indicated has dropped to or fallen below the second (lower) system defined threshold. The system is now in step mode. setname Set name	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	R	2RN
XL BUFFER POINT INVALID-CANNOT POSITION MF	Fatal user error.	Correct problem and retry.	B,J,S	3IM
XMISSN PARITY ERROR	Hardware error.	If message persists, redeadstart on different tape unit.	D	CONTROL
XREF LIST OVERFLOW - INCREASE THE SIZE OF BUF5	Fatal error.	Increase BUF5 buffer size and reinstall EDITLIB.	S	EDITLIB
Y LABELS ILLEGAL IN MULTI-FILE SETS	Fatal user error. Y parameter was specified on REQUEST statement, but Y tape labels are not allowed in multifile sets.	Specify another label type on REQUEST statement or have tape be unlabeled.	B,J,S	6IM
ZERO WORD COUNT FOR IAP	User error. Invalid call to peripheral processor routine IAP.	Correct error and retry.	B,J,S	IAP
ZERO WORD COUNT IN A LOADER TABLE	User generated an empty program.	Correct problem and retry.	S	EDITLIB
ZZZZCMR CATALOGED	Informative message. New cycle of ZZZZCMR with ID=SYSTEM has been successfully cataloged.	No action required.	B,S	LDCMR

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
ZZZZZOX NOT IN FNT	INTERCOM problem.	Notify system analyst.	S	OZZ
OFx CCPyy CYzz PATaa RELbbbb	Front end macro memory loaded. Type is OFx, CCP version yy, source code cycle zz, patch level aa, NOS/BE 1 release level bbbb.	No action required.	S	OFA
OZX NOT IN PP DISK LIBRARY/DISK ERR	INTERCOM problem.	Notify system analyst.	S	OZZ
1AJ CANT FIND routine	Generally indicates that a necessary routine (such as loader) is not a part of the system library.	Notify system analyst.	B,S	1AJ
1AJ CANT FIND ZZZZZ FILE	System error. System program file ZZZZZO3 or ZZZZZO4 is not in the FNT.	Notify system analyst.	R	1AJ
1AJ, 1ST LIB NOT CM RES	System error. Either the NUCLEUS library has an improper residence or NUCLEUS is missing.	Perform a level 3 recovery deadstart using 1.Y option or else rebuild deadstart tape.	B,S	1AJ
1EV ERR xxB	System software error. Possible values for xx: 5B Bad CM RBR ordinal 11B Attempt to clear an unset RB 12B Bad EX.RBT call 13B Bad MST ordinal in RBTC	Notify system analyst.	B,J,S	1EV
1GM CALLED AT IMPROPER TIME	Displayed if good morning routine called at other than 2400 hours.	Notify system analyst.	S	1GM
1I1 - INIDXXX FILE - FET ERROR CODE ec ON A READ ATTEMPT	The system returned error code ec to 1I1. INTERCOM will not run. ec FET return code (refer to NOS/BE Reference manual).	Correct problem and retry.	S	1I1
1I1 - INIDXXX FILE FNT NOT FOUND	The system is unable to find the FNT entry for an attached permanent file. INTERCOM will not run.	Notify system analyst.	S	1I1
1I1 - INIDXXX FILE HEADER LABEL ERROR	Label or length of INIDxxx permanent file header is incorrect. INTERCOM will not run.	Run TDFGEN utility and retry.	S	1I1
1I1 - INIDXXX FILE NOT CATALOGED, TDFGEN HAS NOT BEEN RUN	A permanent file abort resulted from an attempt to attach the INIDxxx permanent file. INTERCOM will not run.	Run TDFGEN utility and retry.	S	1I1
1I1 - INIDXXX FILE - PF ERROR CODE ec WHILE ATTACHING FILE	PFA returned error code ec to 1I1. INTERCOM will not run. ec FDB return code (refer to the inside front cover).	Correct problem and retry.	S	1I1

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
1I1 – MUX SUBTABLES DO NOT EXIST FOR EST ORDINAL xx	The MUX subtables do not exist on the INIDxxx file from which INTERCOM is attempting to initialize. INTERCOM will not run.	Run TDFGEN utility for the desired INIDxxx file.	S	1I1
1LC IO SUSPENDED ON CHcc	Tape channel cc was removed from service at deadstart time or on tape scan. Failing channel has been removed from all tape equipment status tables.	Type ACK. When controller channel is repaired type UP, CHcc to restore channel to service.	B	1LC
1ND CHANNEL cc BUFFER BUSY	The driver is waiting for stack request to complete. cc Channel number	Notify system analyst.	J,S	1ND
1ND CHANNEL cc CANNOT DISCONNECT tid	The driver is unable to disconnect INTERCOM user tid before terminating. cc Channel number	Notify system analyst.	J,S	1ND
1ND CHANNEL cc rte CODEec	The driver has found an internal error in routine rte. The error is indicated by ec. ec is explained in the source code for 1ND. cc Channel number	Notify system analyst.	J,S	1ND
1ND CHANNEL cc INITIALIZED	The driver has begun to use the channel indicated. cc Channel number	No action required.	S	1ND
1ND CHANNEL cc TERMINATED	The driver has stopped running on the channel indicated. cc Channel number	No action required.	J,S	1ND
1ND CHANNEL cc UNABLE TO CLEAR REQUEST WORD	The driver is waiting for a user table request to clear. cc Channel number	Notify system analyst.	J,S	1ND
1ND CHANNEL cc UNABLE TO RELEASE INTERACTIVE LIMBO CHAIN	During termination, the driver could not return the unused interactive buffers to the system. cc Channel number	Notify system analyst.	J,S	1ND
1ND CHANNEL cc UNABLE TO RELEASE BATCH LIMBO CHAIN	During termination, the driver could not return the unused batch buffers to the system. cc Channel number	Notify system analyst.	J,S	1ND
1PC – BAD APF ENTRY FLAGGED BY DEADSTART RECOVERY	Informative message.	System analyst should take dumps of central memory (low 20K and RBT area) and run PFDUMP and AUDIT.	B,S	1PC

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
1PC – FILE IS NOW AVAILABLE	There was an incorrect PFD pointer in an attached permanent file entry.	File cannot be used until after level 0 or 1 deadstart. If file is on private pack, run RECOVER.	B,J,S	1PC
1PD SYSTEM ERROR ec	System error, PP hung. At present, the one possible value for ec is 01 Bad FDB address from system control point	Notify system analyst.	B,S	1PD
1PF SYSTEM ERROR ec	System error, conditionally hung PP. ec=system error number. Possible values for ec: 01 Interlock error 02 Bad APF ordinal in 1PF call 03 Invalid APF ordinal 04 Bad PRU index in PFD/PFC 05 S.PFMMF set in wrong APF entry 06 Invalid MST ordinal in JDT 07 APF interlock not held during SWAPOUT call 08 Bad function code	Notify system analyst.	B,S	1PF
1PK ERROR ecB	System software error. The error hangs a PP. The error code ec will have one the following values: 01 EST and DDT ordinals disagree 02 Invalid 1PK call 03 FET address outside FL 05 Invalid CM RBR ordinal 06 Nonexistent lfn 07 Invalid stack request ordinal 10 Inva#lid DDT ordinal in JDT entry	Notify system analyst.	B,J,S	1PK
1QP SYSERR FROM addr	System software error discovered by 1QP at location addr.	Notify system analyst.	B,J,S	1QP
1RN – FNT SPACE CRITICAL	FNT is nearly out of space.	Release unneeded files.	R	1RN
1SO BAD SWAP FILE	Length of swap file written to disk is incorrect. 1SO will kill system after issuing this message.	Notify system analyst.	J,S	1SO
1ST MF TO DS BUT ANOTHER MF IS LOGGED IN	Warning that other mainframes are logged in on this shared set, and they may be up and running.	When no other mainframes are actively using the set, type n.GO to continue post deadstart. Otherwise, redeadstart with 6.N	B,J,S	RECOVER

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
		option.		
1T1 - INIDxxx FILE BAD.	Permanent file INIDxxx has improper content and/or format.	Run TDFGEN utility to recreate the INIDxxx file and retry.	S	1T1
2 DEVICE MISMATCH TYPE N.NO AND REASSIGN	Two units of different controller types have been assigned to satisfy a multiple type request.	Type n.NO and reassign both units.	B	3RQ 61M
2RN - type SPACE LOW SN=setname	The number of record blocks available for the type of files indicated on the public set indicated has dropped to or fallen below the first (higher) system defined threshold.	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	S	2RN

type   Type of files

P   Permanent files
Q   Queue files
S   System files
X   Scratch files
setname Set Name

| 2RN - type SPACE NOT LOW SN=setname | The number of record blocks available for the type of files indicated on the public set indicated has risen above the first (higher) system defined threshold. | No action required. | S | 2RN |

type   Type of file

P   Permanent files
Q   Queue files
S   System files
X   Scratch files
setname Set name

| 2RN - type SPACE NOT OUT SN=setname | The number of record blocks available for the type of files indicated on the public set indicated has risen above the second (lower) system defined threshold. | Refer to Device Sets in the Operator/System Communications Principles section of the NOS/BE Operator's Guide. | S | 2RN |

type   Type of file

P   Permanent files
Q   Queue files
S   System files
X   Scratch files
setname Set name

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
2RN - type SPACE OUT SN=setname	The number of record blocks available for the type of files indicated on the public set indicated has dropped to or fallen below the second (lower) system defined threshold. The system is now in step mode.	Refer to Device Sets in the Operator/System Communication Principles section of the NOS/BE Operator's Guide.	S	2RN
	type Type of file P Permanent files Q Queue files S System files X Scratch files setname Set name			
2ST - WAIT FNT FULL	Informative message. File name table is full and job is waiting for file name table space.	Notify system analyst.	B,S	2ST
2XPPU SPEED REQUIRED FOR FT PACK	Fatal user error. The pack specified in the ADDSET control statement has full track recording mode but 1XPPU speed is in use.	Using LABELMS, write a half track label on the pack and try the ADDSET again.	B,J,S	ADS
200 BPI ON 667 UNIT. IS REQUEST FOR READ ONLY TYPE J.YES OR J.NO	Informative message.	Typing j.YES allows job to continue. Typing j.NO allows for reassignment to a non-667 tape unit.	B,J,S	6IM
3TT CALLED FROM A NON-INTERCOM CONTROL POINT	Fatal system error.	Notify system analyst.	B,J,S	3TT
3TT DETECTED ZERO POINTERS-FET AT addr	INTERCOM problem. addr is file environment table address. The user attempted I/O without recall on a connected file and modified the file environment table pointers after the call to peripheral processor routine CIO/3TT.	Notify system analyst.	B,J,S	3TT
3TT FET/BUFFER NOT IN FL	After a request for a write without recall on a connected file, the user's RFL is below the FET address.	Do I/O with recall on the connected file. Rerun the job.	B,J,S	3TT
6IM,HUNG. MSG NO.ERR	System error; conditionally hung PP.	Notify system analyst.	B,J,S	6IM
6WM ER - 1CR RC*	Software error.	Notify system analyst or drop job.	B,J,S	1CR
6250 NT REQUESTED, NON-GCR UNIT xx ASSIGNED. TYPE J.NO ADD REASSIGN	Operator message. Operator assigned a non-group coded recording mode unit when request was for a group coded recording mode unit.	Type j.NO and reassign tape to a GCR-type tape unit by typing GE. P display may be checked	B	REQ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
	xx EST ordinal of tape unit	for an acceptable unit.		
66x MTS DEADSTART ERROR MESSAGES	A fatal error occurred during deadstart. Deadstart cannot continue. Subsequent messages describe the error in more detail.	Notify customer engineer and system analyst.	D	MDR
800 NT REQUESTED, GExx ASSIGNED. TYPE J.NO AND REASSIGN	Operator message. Operator assigned wrong type tape unit.	Type j.NO and assign a non-group coded recording mode type tape unit. E or P display may be checked for an acceptable unit.	B	REQ
819 CODE NOT ASSEMBLED 819-S NOT ALLOWED -CR- TO ENTER EST	An installation parameter disabled the 819 source code.	Delete all 819 (AH) entries from the equipment status table or notify system analyst.	D	IRCP
819 IN PRIVATE SET IS ILLEGAL	Fatal user error. 819 devices cannot be part of a private set.	Use a device other than an 819.	B,J,S	ADS
819 QUEUE DEVICE IS ILLEGAL	819 devices may not have the Q attribute.	Remove the *Q from the ADDSET control statement and attempt the ADDSET again.	B,J,S	ADS
844 BC NOT RESPONDING CHcc – CR TO GO	Buffer controller cannot be dumped. cc Channel number	Press carriage return.	D	CONTROL
844 CONTROLWARE –OSY– NOT FOUND ON DS TAPE DS WITHOUT 844	844 controlware is missing.	Redeadstart without 844 buffer controller.	D	IRP
844 COUPLER NOT RESPONDING ESTxx CHcc EQe UNuu	The 844 coupler is not responding to autoload and status commands. xx EST ordinal cc Channel number e Equipment number uu Unit number	Determine if 844 equipment is properly defined. Make another attempt and, if that fails, notify the systems analyst.	D	CONTROL
9 TRACK L TAPE REQUEST MUST BE ASSIGNED TO A 669 OR 679 UNIT	Operator error. User specified a 9-track L tape on a REQUEST statement, but operator assigned tape to a different type unit.	Retry.	J,S	REQ
comment *CYB,*+35 CHARACTERS+*,*	A comment entry on the editing display for CYBERLOG is more than 35 characters.	Reenter the comment in 35 characters or less.	L	CYBRLOG

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
prog ALREADY IN lib LIBRARY	The program specified in an ADD directive is already in the library. prog Program name lib Library name	If the new program should replace the old one, use the REPLACE directive. Otherwise, change the name of the new program, or add it to a different library.	S	EDITLIB
prog ALREADY IN LIBRARY, NOT ADDED	The program specified in an ADD directive is already in the library. prog Program name	If the new program should replace the old one, use the REPLACE directive. Otherwise, change the name of the new program, or add it to a different library.	S	EDITLIB
mmB PPUS EXIST nnB PPUS DEFINED TYPE GO TO USE ppB PPUs	Existing PPs conflict with configured number.	Notify system analyst.	D	CONTROL
lfn.$ BEG dev TID= id ee/ppp/sss	This message indicates the beginning of an INTERCOM 5 remote batch stream. lfn File name on READ-FN if READ,lfn command was used dev Device mnemonic and ordinal id Terminal id of the terminal processing the file ee EST ordinal of the 2550 to which the terminal is connected ppp Port ordinal of the terminal sss Terminal site address	No action required.	S	1NP
rtn CALLED 6PD W/UNLOCKED LFN lfn	PP routine rtn made an illegal call to 6PD. lfn File name	Notify system analyst.	B,S	6PD
mfx CANNOT LOGIN-DUPLICATE ID	Informative message. Mainframe identifier mfx has been logged in already.	No action required.	J,S	SSH
modname CCI3 MACRO MEMORY or MICRO	255x software macro or micro memory has been loaded for module modname.	No action required.	S	1NI
jobname CONTROL POINT DROPPED	System job drop or kill. jobname Name of system job	No action required.	J,S	1EJ
jobname CPcp REQ ON IDLED EQ	A job with name jobname at control point cp issued a request for an idled device	Note jobname and type ACK. to clear the message.	R	1SX

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
jobname CPcp REQ ON UNUSABLE EQ	Message sent to job/system dayfiles because an RMS I/O request was issued on an idled device. This message also is sent to job/system dayfiles if a change from dual to single access was caused by an RMS hardware malfunction and a request at control point could not be completed successfully in single-access mode.	Note jobname and type ACK. to clear the error message.	R	7ID
(x) DELIMITER IS MISSING	Character in parentheses is a delimiter that must be present.	Insert delimiter and retry.	S	EDITLIB
string DIRECTIVE NAME - string UNKNOWN	Informative message. string Invalid directive	Correct problem and retry.	S	EDITLIB
lfn.$ END dev TID= id ee/ppp/sss nnnnnnnn	This message indicates the end of an INTERCOM 5 remote batch stream. lfn File name on READ-FN if READ,lfn command was used dev Device mnemonic and ordinal id Terminal id of the terminal processing the file ee EST ordinal of the 2550 to which the terminal is connected ppp Port ordinal of the terminal sss Terminal site address nnnnnnnn Count of cards read or punched, or lines printed (decimal)	No action required.	S	1NP
scpname ENDED BY SYSTEM	Informative message indicating that scpname, to which this job was connected, has ended or been aborted. scpname System control point name	Rerun job.	B,J,S	1BO
jobname. ENTERED INPUT QUEUE	Informative message. Job has entered input queue. jobname Name of system job	No action required.	S	1TJ
lfn EOI ENCOUNTERED PREMATURELY RESTART POSITION UNCERTAIN -RUN ABORTED	An EOF/EOI occurred on file lfn before RESTART expected one. Probably means tape has been overwritten, or wrong tape assigned.	If wrong tape, retry with correct tape.	B,J,S	RESTART
lfn EVICTED BY REMOTE OPERATOR	Remote operator EVICT of file lfn.	No action required.	S	1CI
dir FIELD LENGTH INCREASED BY 2000 WORDS TO ACCOMMODATE TABLES	Informative message. dir Directive	No action required.	J,S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
jobname HAS RB CONFLICTS	Crossed record blocks were detected when queue was reconstructed from permanent file catalog entry.	Record jobname and type ACK. After deadstart is completed, DMPQ queue files.	S	1QF
lfn.$ INT dev TID= id ee/ppp/sss nnnnnnnn	This message indicates the interruption of an INTERCOM 5 remote batch stream. lfn File name on READ-FN if READ,lfn command was used dev Device mnemonic and ordinal id Terminal id of the terminal processing the file ee EST ordinal of the 2550 to which the terminal is connected ppp Port ordinal of the terminal sss Terminal site address nnnnnnnn Count of cards read or punched, or lines printed (decimal)	No action required.	S	1NP
cp IS DUPLICATE ENTRY POINT	Informative message.	Correct problem and retry.	S	EDITLIB
lib IS NOT A LIBRARY	Informative message. lib Library name	Correct problem and retry.	S	EDITLIB
lfn IS NOT A RANDOM FILE	Informative message. lfn File name	Correct problem and retry.	S	EDITLIB
lfn IS NOT A SEQUENTIAL FILE	Informative message. lfn File name	Correct problem and retry.	S	EDITLIB
prog IS NOT IN THE SOURCE LIBRARY - NO PROGRAMS ADDED	Informative message. prog Program name	Correct problem and retry.	S	EDITLIB
prog IS NOT THE NAME OF THE NEXT RECORD ON FILE INPUT	Informative message. prog Program name	Correct problem and retry.	S	EDITLIB
dir IS VALID ONLY DURING A CYBER 76 LIBEDIT RUN	Informative message. dir Directive name	Correct problem and retry.	S	EDITLIB
lib LIBRARY CONTAINS THE MAXIMUM NO. OF PROGRAMS	Informative message. lib Library name	Divide the one library into two.	S	EDITLIB
lib LIBRARY IS ALREADY IN THE LIBRARY NAME TABLE	Informative message. lib Library name	No action required.	S	EDITLIB
lib LIBRARY IS EMPTY. LIBRARY WILL BE REMOVED	Informative message. lib Library name	No action required.	S	EDITLIB

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
lib LIBRARY IS NOT A MEMBER OF THE LIBRARY NAME TABLE	Informative message. lib Library name	Correct problem and retry.	S	EDITLIB
lib LIBRARY IS NOT INCLUDED IN THE lfn FILE	Informative message. lib Library name lfn File name	Ensure correct library and file names and retry.	S	EDITLIB
lib LIBRARY NOT ADDED TO LIBRARY NAME TABLE	Informative message. lib Library name	Ensure library name is correct and retry.	S	EDITLIB
lib LIBRARY WILL RESIDE ON DISK or lib LIBRARY WILL RESIDE IN CM	Library tables will not fit in extended core storage. They will reside in central memory or on disk. lib Library name	Increase space allocated to extended core storage library or ignore message.	S	EDITLIB
euu LINE nnn – ILLEGAL ACTION	Informative message in response to operator LINEOFF or LINEON command. e Equipment number uu Unit number nnn Octal line number	No action required.	S	1BR
euu LINE nnn – ILLEGAL EQUIPMENT	Informative message in response to operator LINEOFF or LINEON command. e Equipment number uu Unit number nnn Octal line number	No action required.	S	1BR
euu LINE nnn – ILLEGAL PORT	Informative message in response to operator LINEOFF or LINEON command. e Equipment number uu Unit number nnn Octal line number	No action required.	S	1BR
rte LOADED FROM RMS	The routine rte is temporarily accessed through an RMS copy.	Notify system analyst.	B,S	CEM
seg MUST BE IN CM RESIDENT	Informative message. Segment seg is moved to central memory resident area. Either segment itself or CMRDIR specified the move.	No action required. If segment should be in another area, change either segment or CMRDIR, whichever specified the move.	B,J,S	LDCMR
prog NOT ADDED	Program not added to library. prog Program name	See preceding error message in output for action.	S	EDITLIB
prog NOT AVAILABLE	PP driver program prog not in system.	EDITLIB required driver into system before bringing multiplexer up.	B,S	1I1

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
prog NOT FOUND	Program did not appear in interval specified. prog Program name	Ensure specified program exists on file and retry.	S	EDITLIB
lfn NOT FOUND, ENTER N.CFO FILE NAME OR N.CFO TO TERMINATE	Nonfatal operator error.	If incorrect name was typed, retry; otherwise continue with a new file name or . (period).	B	QUEDUMP

xxx NOT FOUND ON DEVICE.
ENTER ALTERNATE DEVICE LOCATION.
	The deadstart file does not contain the operating system or the DDS module.
	  xxx Significance
	  DSB DDS module
	  OSB Operating system
		Entry of alternate device location is not supported for NOS/BE. Install the operating system or DDS module on the device and redeadstart.	D	EBL

ovl NOT IN PPLIB	Resident called to load overlay ovl not named in library. Job terminated.	Correct problem and retry. Notify system analyst.	B,J,S	1EJ RPV
prog NOT LISTED	Program not in library. prog Program name	Ensure program and library names are correct and retry.	S	EDITLIB
param PARAMETER MUST BE SPECIFIED	Fatal user error. Parameter indicated was omitted from control statement.	Supply parameter and retry.	B,J,S	PFCCP

string PARAMETER NAME - param UNKNOWN	Invalid parameter.
	  string Beginning of EDITLIB
	          directive
	  param Invalid parameter
		Correct directives and retry.	S	EDITLIB

jobname Q FILE NOT ON A Q DEVICE	Operator message. I/O file does not reside on a queue device. jobname Name of job	Record job name and type ACK; use option 1.L2.B. Job will not be saved after a normal deadstart.	R	1QF
lfn QF TOO BIG FOR PFC	Informative message. lfn File name	Check with user to determine if file lfn is needed. If not, EVICT,fnt.	B,S	1QF
dt REQUESTED. SHOULD A* BE ASSIGNED	dt is the device type requested. Operator is trying to assign any RMS.	Type n.YES to allow operator to assign any RMS. Otherwise type n.NO.	B,J,S	REQ
yy REQUESTED. SHOULD xx BE ASSIGNED	yy is Q, SD, or PF. EST xx is not a device of the specified type.	Type n.YES to allow the operator to assign the indicated EST ordinal. Otherwise type n.NO.	B,J,S	REQ

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
prog RESIDES IN ECS SINCE lib LIBRARY NOT IN CM	EDITLIB changed the EM parameter to ECS because the library does not reside in central memory. prog Program name lib Library name	Change the library residence to CM or ignore message.	S	EDITLIB
prog RESIDES ON DISK SINCE LIBRARY lib NOT IN CM	Program cannot reside in central memory unless library directory does. prog Program name lib Library name	Change library residence to central memory CM or ignore message.	S	EDITLIB
lfn RESTORED	Informative message. lfn File name	No action required.	B,J,S	1QF
ssSET PFD TABLES ARE TO BE MOVED, TYPE GO/DROP	ss = nonuser set Possible values: SD System Default Q System S System	Enter GO or DROP.	B,J,S	TAT
jobname STAGED BY OPERATOR	Issued after STAGE jobname type-in. (Release jobname to input queue.)	No action required.	S	1MH
mfx STATION LOGOUT	Informative message. Mainframe identifier mfx has been logged out.	No action required.	J,S	SSH
lfn TAPE PARITY ERROR	Informative message. Next message gives available options. lfn File name	No action required.	B,J,S	QUEDUMP
jobname TRANSFER ERROR	Fatal software error. Job may be lost. jobname Name of job or file being transferred	Notify system analyst.	B,S	1QF
pfna TYPE Y OR NEW PFN	The deadstart spun off task is displaying the name of the permanent file which is to be used for SCOPE 2 deadstart.	Type n.CFO Y to use permanent file pfna or n.CFO pfnb to use permanent file pfnb. n is the control point number of the deadstart spun off task.	B,J,S	SOTDS
counta TYPE 1 CONFLICTS countb TYPE 2 CONFLICTS SUGGEST RUNNING RECOVER	Informative message. counta The number of tables with crossed record blocks. countb The number of files with crossed record blocks.	Run RECOVER to get details of conflicts.	B,J,S	RELABEL

MESSAGE	SIGNIFICANCE	ACTION	OUTPUT	ROUTINE
param UNRECOGNIZABLE PARAMETER	Parameter param on EDITLIB control statement is not recognized by EDITLIB.	Ensure correct parameters and retry.	J,S	EDITLIB

AAM	Advanced access methods
ABS	Dump CM - absolute address
ACE	PP routine to advance control statement
ACK	Acknowledge
ACN	Activate channel
ACT	Helper for program ACCOUNT
ACTSUBCH	Active subchannel (station routine)
ADDR,addr	Address
ADR	Address
ADS	ADDSET processor-add member to PF set
APF	Attach permanent file
APR	Diagnostic sequence
ARG	Argument
ATS	Advanced tape subsystem
AU	Allocation unit
AUTORCL	Autorecall
AUX	Utility helper
AX	Device mnemonic for ECS
B	Octal
BC	Bit count; buffer controller; block count
BFR	Before
BKSP	Backspace
BL	Block
BT	Block type
c,cc	Channel number
CAP	Capacity
CBKSP	Controlled backspace

CC	Channel number; channel coupler
CCL	CDC CYBER control language
CD	Card
CE	Cutomer engineer
CED	Deadstart PP control program
CEJ	MTS coldstart bootstrap; central exchange dump
CEM	Central error manager for ECS
CERFILE	Hardware error file
CFO	Comment from operator
CH, CHAN, CHN	Channel
CIO	Circular I/O processor
CKP	Checkpoint; saves information to restart a checkpoint job
CKPFILE	Checkpoint file
CLR	Clear
CM	Central memory
CMC	Central memory control
CMM	Commcn memory manager
CMR	Central memory resident
CMU	Compare/move unit
CNT	Count
COM	Deadstart option matrix
COMBINE	Consolidate consecutive system logical records
COMTUNE	Tuning parameters common deck (station)
COMQARG	Control statement argument processor routine
CON	INTERCOM connect file to remote terminal
CONTR	Controlled
CONTROL	Deadstart PP programs

COPYBF	Copy binary files
COPYBR	Copy binary records
COPYCF	Copy coded files
COPYCR	Copy coded records
COPYN	Consolidate or merge files
COPYXS	Convert binary tape in X format to SI format
COUNT	Number of blocks, files, etc.
COUP	Coupler
CP	Central processing unit; card punch; control point
CPARE	Compare
CPC	Central program control
CPMTR	Part of MTR residing in CM
CR	Card reader; carriage return
CRM	CYBER Record Manager
CSU	Central storage unit
CT	Call type; for CATALOG
CVL	CE diagnostic validation routine
CVST	Converter status
CY1	Resets FNT of file being processed by restart
D	Deadstart dump
DAM	Device allocation map
DC,dc	Disposition code
DCN	Deactivate channel
DDP	Direct data path or distributive data path
DDT	Dismountable device table
DEC,dec	Detailed error code
DEFNS	Definitions
DEV	Device

DIAG	Diagnostic
DID,did	Destination identification
DIS	Console display program for a control point
DISP	Dispose
DIRABT	Direct abort
DLL	Downline loads controlware
DLM	DELSET processor - delete member from PF set
DMNT	Dismount
DMP	Dump central memory
DMPQ	Input, print, punch, file dump
DS	Deadstart
DSC	Data set controller
DSD	System display
DSM	Dismount pack routine
DSP	ROUTE/DISPOSE processor
DSR	Deadstart recovery record block number
DST	Device status table
DT,dt	Device type
DTS	Deadstart dump for 66x and 67x drives
DUMPF	Dump permanent files to tape
DVST	Device status
E,e	Equipment number
EC	REQUEST statement parameter to detemine ECS buffer size; external characteristics
ECLOAD	LDREQ option which specifies load input from ECS
ECS	Extended core storage
ECSFL	Extended core storage field length
ECSSUB	ECS executive subroutines
EDITLIB	Construct/modify user/system library
EHS	EXPORT High Speed initializer

ELM	Logs extended memory error messages
ENTR	Entry points definitions table
EOF	End-of-file
EOI	End-of-information
EOJ	End-of-job
EOR	End-of-record
EOT	End-of-tape
EOV	End-of-volume
EP	Error processing bit in FET
EPF	Send audit information to CM
EPNT	Entry point name table
EPT	Entry point
EQ, EQP	Equipment
ERR	Error
ERT	External reference table
es	Error status
-ES-	Enhanced station executive
EST	Equipment status table
EXC	Exceeded
FAD	INTERCOM MUJ file attach/detach processor
FC,fc	Forms code
FDB	File definition block
FE	Front end
FET	File environment table
FFM	Factory flaw nap
FID	File identification
FIN	CDC CYBER control language function processor
FIR	First

FIT	File information table
FL	Field length
FLO	Field length override parameter
FLT	Name internal to RECOVERY for physical flaw table
FLW	Flaw, name internal to RECOVERY for logical flaw table
FMK	Filemark
FND	Find
FNT	File name table
FO	File organixzation
FST	File status table
FT	Full-track recording mode
FWA	First word address
GCR	Group coded recording mode at 6250 cpi
GEMINI	Improved load leveling control point program
GEN	Generator
GENLDPF	Reload permanent file catalog
GPF	GETPF PP helper
GT	Greater than
HDS	Help deadstart
HDR1	Tape label field
HT	Half-track recording mode
IAP	INTERCOM initiate another program
IL, I/L	Interlock
IN	Pointer for circular buffer
INC	Incomplete
INIT	Initiator
INTLOCK	Interlock
IRCP	Deadstart main CP program

IRG	Interrecord gap, deadstart RMS stack processor
IS	Index sequential
IUP	INTERCOM initiate user program
JC	Job statement
JDP	Job dependency count decrementor
JDT	Job descriptor table
L	Long record stranger tape
LABELMS	Device set labeling
LBL	LABELMS header
LCC	Local communications controller
LCD	INTERCOM LCC dump
LDC	LDCMR utility helper
LDCMR	Utility program to load and modify CMR
LDL	Loader utility program
LDRCNTL	Loader control statement processor
LDSET	Changes local library set
LDV	Loads CM absolute overlays
LDW	LDV helper
LFN	Logical file name
LFT	Logical flaw table
LGR	Last good record
LI	Limit
LIB	Library directory
LINSTAT	INTERCOM line status display routine
LISTCID	List core-image dump
LISTMF	Lists contents on labeled multifile sets
LM	Link medium
LOADPF	Load permanent file from tape
LOC	Load octal corrections
LOGINRPY	Login reply routine (station routine)

LP	Line printer; parameter length
LPF	Reloads permanent file
LRGBUF	Large message buffer
LR	580-12 printer
LS	580-16 printer
LT	580-20 printer; less than
LWA	Last word address
MAC	INTERCOM MUJ accounting/error processor
MAX	Maximum
MBL	Maximum block length
MDF	Memory dump file
MDI	Used by EDITLIB to handle I/O involved in changing and moving the directory
MDR	Deadstart 66x driver
MEJ	Monitor exchange jump
MEM	Process memory function; member; memory
MES	Routine that processes messages from the central site operator to INTERCOM terminals.
MF	Multifile; mainframe
MFID,mfid	Mainframe ID, same as PID
MFSTAT	Multimainframe station
MLRS	Maximum logical record size
MMF	Multimainframe
MNT	Mount
MSG	Issues dayfile messages
MST	Mounted set table
MT	Magnetic tape, 7-track
MTR	Monitor
MTS	Magnetic tape subsystem (66x tape driver)
MUJ	INTERCOM multi-user job
MUX	Multiplexer

NF	Number of files
NM	Rename; number of members
NPU	Network processing unit
NSV	PP helper for CP VSN
NR	No recovery
NT	Magnetic tape, 9-track
OAM	Hardware output instruction
OP	Operation
OPP	Opposite
ORD, ord	Ordinal
PAK	Disk pack management routine
PAM	PFC allocation map
PAR	Parity; parameter
PARAD	Parameter address
PARAM	Parameter
PCM	Permanent file catalog allocation map
PF	Permanent file
PFA	Permanent file manager ATTACH function
PFC	Permanent file manager CATALOG function; permanent file catalog
PFCCP	Permanent file control statement processor
PFD	Permanent file directory
PFE	Permanent file manager EXTEND function
PFLOG	Dump permanent file catalog to tape
PFM	Permanent file manager
PFN	Permanent file name
PFP	Permanent file manager PURGE function
PFR	Permanent file manager RENAME function
PFS	Permanent file manager POSITION function
PFT	Physical flaw table

PGM	Program
PID, pid	Three character physical identication of a mainframe
PIDL	Program identification and length table
PNT	Program name table
PNUT	EDITLIB table
POS	Position
PP	Peripheral processor
PPLIB	Peripheral processor library
PPNT	Peripheral processor name table
PPS	Peripheral processor subsystem
PPU	Peripheral processor
PR	Pair; purge
PRM	Permission checking function
PRU	Physical record unit
PSR	Programming systems report
PTR	Pointer
PW	Password
QAC	Queue acquire routine
QF	Queue file
QUEDUMP	Dump/restore I/O queues
RA	Reference address
RANTOSEQ	Random to sequential processing
RB	Record block
RBN,rbn	Record block number
RBR	Record block reservation table
RBT	Record block table
RBTC	Record block table catalog code
RCVRACTIVE	Recover active
RCW	Recovery control word

RD	Read password definition; read
REC	Record
RECOVER	Validate a device set and reconstruct tables
RELABEL	Relabel RMS device
REPL	Replication of text table
REQ	REQUEST
REQFILE	Request file procedure (station)
RESTART	Restart a job from a check point tape
REV	Reverse
RFL	Running field length
RMNT	Remount
RMS	Routine for CERMS; rotating mass storage
RN	Reserved
RP	Retention period
RPE	Read parity error
RPV	Reprieve central program
RRD	Reread
RST	Restores control point area of restart job
RT	Record type
rtn	Routine
RVD	Recovered
S	Stranger type
SAC	PP routine - ECS segment activity count
SC	Device mnemonic for 6673/6674
SCP	System control point
SCR	Status control register
SD	System device
SECDED	Single-error correction/double-error detection

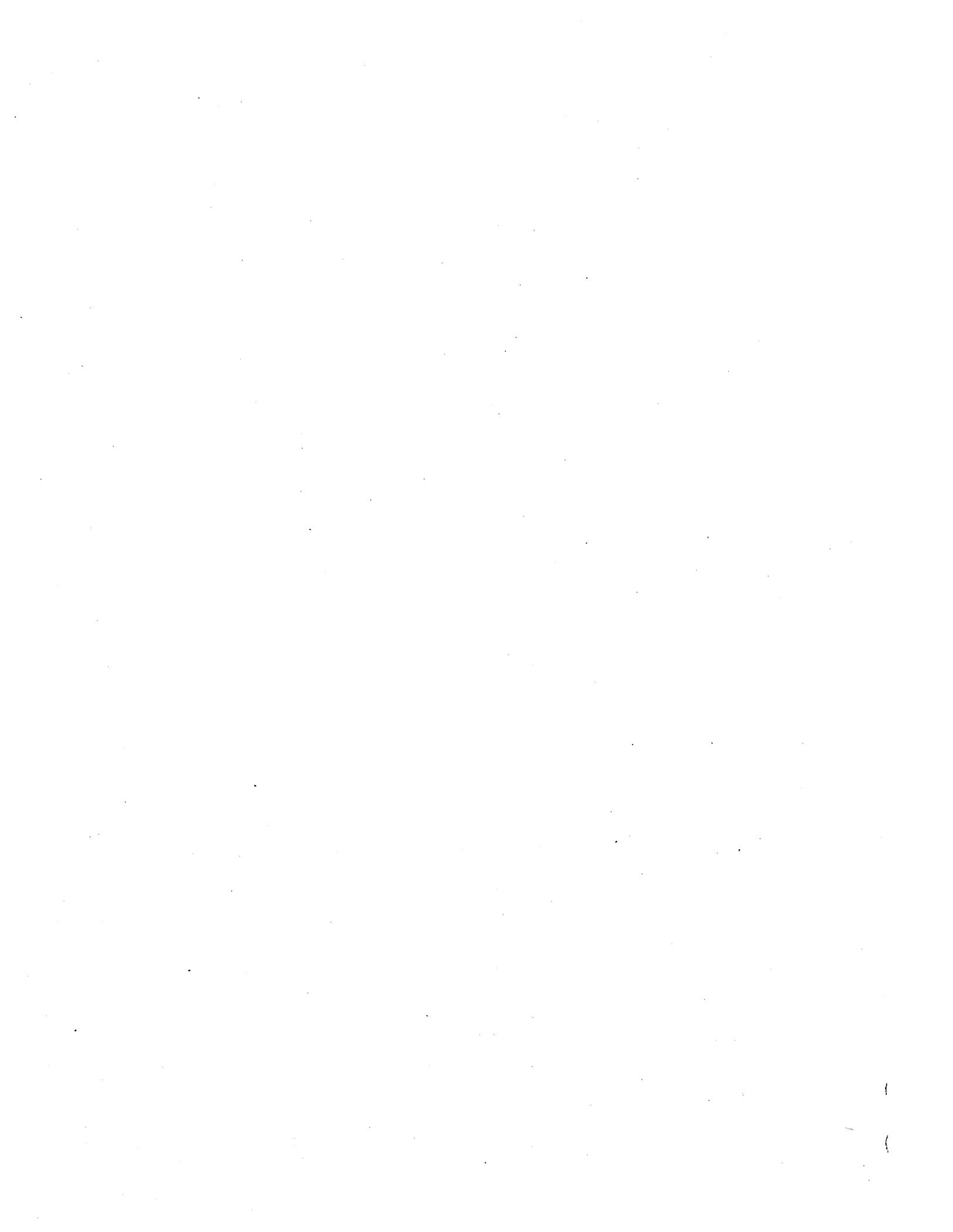|	
SEL	Select
SEQTORAN	Sequential to random processing
SETCCP	Device set control statement processor
SFS	System software
SI	System internal
SID	Source identification
SKIPB	Skip backward system logical records
SKIPF	Skip forward system logical records
SMT	Set member table
SN	Set name; serial number
SNR	System noise record
SOT	Spun-off task (station routine)
SOTDP	Dead dump spun-off task (station routine)
SOTDS	Deadstart spun-off task (station routine)
SOTMSG	Message handling spun-off task (station routine)
SOTPF	Permanent file staging spun-off task (station routine)
SOTPF6	Permanent file staging spun-off task (station routine)
SOTSP	Spooling spun-off task (station routine)
SOTTP	Tape staging spun-off task (station routine)
SOT76	Spooling spun-off task for SCOPE 2 (station routine)
-SP-	Spun off task
SPF	SAVEPF PP helper
SPOT	Spun off task
SSC	Subsystem call
SSF	Subsystem function
SSH	Station's system helper
ST	Station bit in FET
STD	Station driver

STF	Copies central memory into user buffer area
STS	Status call
SUBST	Supplies entry point names to be used as substitutes
SYS	System
TAB, TBL	Table
TAT	PF set table system access
TDS	Terminate deadstart
TERM	Terminal
TID, tid	Terminal identification
TLOAD	Loads jobs from tapes
TM	Tape mark
TMT	Table maintenance helper
TRANSF	Decrement dependency count
TRANSPF	Transfer permanent file
TRANSR	Transfer to dependent job
TS	Time share
T.SSCT	Subsystem control table
T76	INTERCOM interface to station control point
U	Unit
UBC	Unused bit count
UFM	Utility flaw map
UN	Unit
UNCRT	Uncertain
UNLD	Unloaded
UP	User processing bit in FET
URT	Unit reservation table
UTIL	Utility
uu	Unit number
VEJ	Verify job statement

VPB	Verify parameter block
VSN	Volume serial number
WD	Word
WP	Word pair
WRT	Write
XDQ	PP portion of dump queue
XFER	Transfer point table
XJ	Exchange jump
XL	Extend label-processing bit in FET
XMISSN, XMSN	Transmission
ZZZZZ01	System library reset file
ZZZZZ02	System library restore file
ZZZZZ23	System library directory file
OFA	2550 NPU front-end initializer
OZZ	LCC initializer
1AJ	Advance Job
1BO	Asynchronous job terminator
1BR	INTERCOM buffer manager
1BT	Blank label tape routine
1CL	Close function for all nontape or nonpermanent files
1CR	Tape read recovery-write CM for 9-track tapes
1CS	Tape read recovery-write CM for 9-track tapes
1CT	Tape read recovery-write CM for SCOPE tapes
1DF	Dump dayfile
1DL	Overlay loader and dayfile message processor for DSD
1EJ	End of job processor
1EV	Off line evict processor

1FE	2550 NPU front end drive
1GM	Issues GOOD MORNING
1HS	EXPORT High Speed driver
1IB	Initiates batch job from input queue
1IR	Main JANUS routine; drives readers, printers punches, etc.
1I1	INTERCOM initialization
1LC	Load tape controller conversion tables
1MF	Multi-file tape driver
1MH	Tape scheduling/prescheduling routine
1MT	Long record stranger tape driver
1NI	INTERCOM 5 255x initializer
1NP	INTERCOM 5 batch processor
1NR	NT read driver
1NW	NT write driver
1N0	Tape read recovery noise record verifier
1N2	Tape noise record read recovery, read forward 1
1N3	Tape noise record read recovery, read forward 2
1OP	File open routine for nontape files
1PD	Called by PFA to enter event stack, call another PP routine, or swap out
1PF	Permanent file error recovery
1PG	PURGE(MMF)
1PK	PF set coordinator
1P1	Tape recovery positioning driver
1P2	Tape recovery write driver
1P3	Tape recovery verification driver
1P4	Tape recovery to LGNR positioning driver
1QF	I/O queue file manager

1QP	INTERCOM Quantum calculator and MUJ servicer
1RC	Restores field length of a checkpointed job
1RP	End-of-reel processor
1RS	Read stranger tape driver
1RT	SI tape read driver
1R2	Tape read recovery - tape parity error recovery 1
1R3	Tape read recovery-tape parity error recovery 2
1R9	SI 9-track tape read driver
1SC	Read status/control register errors in CERFILE
1SO	Swap-out or roll-out a job
1SP	Mass storage I/O processor (stack processor)
1SX	Error mssage and abort function for stack processors
1TF	Tape forward motion routine
1TJ	Translate job statement
1TO	Tape open routine
1TS	Tape sampler
1WB	INTERCOM wideband driver
1WI	SI tape write driver
1WS	Stranger tape write driver
1W9	SI 9-track tape write driver
1XPPU	One times PPU (speed)
1ZZ	LCC driver
2RN	1RN overlay - check available disk space
2ST	MMF CIO staging processor
2TB	Reverse tape motion
2XPPU	Two times PPU (speed)

3DO	Initialize allocatable device file
3IE	66x/67x basic error processor
3IF	66x/67x multifile processor
7ID	Auxiliary error processor for RMS I/O

COMMENT SHEET

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