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OS/8
Error Messages

Order No. AA-H610A-TA



PDP8

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First Printing, March 1979

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OS/8 Error Messages

Order No. AA-H610A-TA

ABSTRACT

This document describes the error messages generated by the OS/8 Monitor, languages, editors, and other system programs.

SUPERSESION/UPDATE INFORMATION: This manual supersedes sections of the OS/8 Handbook (DEC-S8-OSHBA-A-D) and the OS/8 Handbook Update (DEC-S8-OSHBA-A-DN4).

OPERATING SYSTEM AND VERSION: OS/8 V3D

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DOCUMENTATION SET FOR OS/8

OS/8 SYSTEM GENERATION NOTES (AA-H606A-TA)

The System Generation Notes provide the information you need to get a new OS/8 system running.

OS/8 SYSTEM REFERENCE MANUAL (AA-H607A-TA)

The System Reference Manual describes OS/8 system conventions, keyboard commands, and utility programs.

OS/8 TECO REFERENCE MANUAL (AA-H608A-TA)

The TECO Reference Manual describes the OS/8 version of this character-oriented text editing and correcting program.

OS/8 LANGUAGE REFERENCE MANUAL (AA-H609A-TA)

The Language Reference Manual describes all languages supported by OS/8, including BASIC, FORTRAN IV, and the PAL8 assembly language.

OS/8 ERROR MESSAGES (AA-H610A-TA)

This manual lists in alphabetical order all error messages generated by OS/8 system programs and languages.

This manual is provided for your convenience. Error messages generated by OS/8 programs appear in alphabetical order and are identified by the system program by which they are generated. This manual is only a summary. Refer to the appropriate manuals for more detailed information about error conditions.

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
?0	SRCCOM	Insufficient core--this means that the differences between the files are too large to allow for effective comparison. Use of the /X option may alleviate this problem.
0	Editor	Editor failed in reading a device. Error occurred in device handler; most likely a hardware malfunction.
0000	Linking Loader	/I or /O specified too late.
0001	Linking Loader	Symbol table overflow; more than 64 subprogram names.
0002	Linking Loader	Program will not fit into core.
0003	Linking Loader	Program with largest common storage area was not loaded first.
0004	Linking Loader	Checksum error in input tape.
0005	Linking Loader	Illegal relocation code.
0006	Linking Loader	An output error has occurred.
0007	Linking Loader	An input error has occurred (either a physical device error, or an attempt was made to read from a write-only device such as LPT:).
0010	Linking Loader	No starting address has been specified and there is no entry point named MAIN.
0011	Linking Loader	An error occurred while the Loader was attempting to load a device handler.
0012	Linking Loader	I/O error on system device.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
71	SRCCOM	Input error on file #1 or less than two input files specified.
1	Editor	Editor failed in writing onto a device. Generally a hardware malfunction or WRITE-LOCKed device.
1	TECO	Illegal command.
72	SRCCOM	Input error on file #2.
2	Editor	File close error occurred. The output file could not be closed; the file does not exist on that device.
2	TECO	Incomplete command.
2045 REFS	CREF	More than 2044 (decimal) references to one symbol were made.
73	SRCCOM	Output file too large for output device.
3	Editor	File open error occurred. This error occurs if the output device is a read-only device or if no output file name is specified on a file-oriented output device.
3	TECO	Nonalphanumeric Q-register name.
74	SRCCOM	Output error.
4	Editor	Device handler error occurred. The Editor could not load the device handler for the specified device.
4	TECO	Command iterations or macro calls nested too deeply.
75	SRCCOM	Could not create output file.
5	TECO	Text buffer overflow.
6	TECO	Search string longer than 31 characters.
7	TECO	Numeric argument missing before comma, equal sign, U, or quote ('').

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
8	TECO	Illegal filename in ER, EW, or EB command.
9	TECO	Semicolon or failing search encountered on command level.
10	TECO	Iteration close (>) without matching open (<).
11	TECO	Attempt to move pointer from text buffer.
12	TECO	Q-register storage overflow.
13	TECO	Incomplete command.
14	TECO	Output file too large, or else output parity error.
15	TECO	Input file parity error.
16	TECO	File error.
17	TECO	An output command was encountered which would have caused TECO to overflow its current output file. Users should close the current output file and write all further output onto one (or more) additional files. These files may be combined if necessary.
18	TECO	Attempt to execute an output command without opening an output file.
A	SABR	Too many or too few ARG statements follow a CALL statement.
AA	F4	More than six subroutine arguments are arrays.
ALOG	FORT Library	Attempt to compute log of negative number.
ALREADY EXISTS (filename)	FOTP	An attempt was made to rename an output file with the name of an existing output file.
ARE YOU SURE?	PIP	Occurs when using the /S option. A response of Y will compress the files.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
ARITHMETIC EXPRESSION TOO COMPLEX	FORT	Self-explanatory.
AS	F4	Bad ASSIGN statement.
?BAD ARG	BUILD	No device name was included in the LOAD command.
BAD ARG	FRTS	Illegal argument to library function.
BAD ARGS	Keyboard Monitor	The arguments to the SAVE command are not consistent and violate restrictions.
BAD-BLK	EPIC	When EPIC is punching a patch it checks the block specified by =n to see if it is within range. If the block is out of range EPIC outputs this error message and returns to the command decoder.
BAD CKECKSUM, FILE #n	ABSLDR	File number n of the input file list has a checksum error.
BAD CHECKSUM, FILE #n	BITMAP	File number n of the input file list had a checksum error.
BAD CORE IMAGE	Keyboard Monitor	The file requested was not a core image file.
BAD DATE	Keyboard Monitor	The date has not been entered correctly, or incorrect arguments were used, or the date was out of range.
BAD DEVICE	CCL	The device specified in a CCL command is not of the correct form.
?BAD DIRECTORY	RESORC	Input device directory cannot be read.
BAD DIRECTORY ON DEVICE #n	PIP	Error message occurs when: 1. PIP is trying to read the directory, but it is not an OS/8 directory. 2. The output device does not have a system directory; i.e., file storage begins at record 7 (occurs during a /y transfer). n is the number of the file in the input file list.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
BAD EXTENSION	CCL	Either an extension was specified without a file name or two extensions were specified.
BAD FORMAT OR CCKECSUM-- TRY AGAIN	LIBSET	Error in reading relocatable binary file.
?BAD INPUT	BUILD	An error was detected in the binary file; it is not a proper input for the LOAD command.
BAD INPUT DIRECTORY	DIRECT FOTP	The directory on the specified input device is not a valid OS/8 directory.
BAD INPUT FILE	Loader	An input file was not a RALF module.
BAD INPUT, FILE #n	ABSLDR	Attempt was made to load a nonbinary file as file number n of the input file list; or a non-core image with /I option.
BAD INPUT, FILE #n	BITMAP	A physical end of file was reached before a logical end of file, or extraneous characters were found in binary file n.
#BAD LINE. JOB ABORTED	BATCH	The BATCH monitor detected a record in the input file that did not have one of the characters dot, slash, dollar sign, or asterisk as the first character of the record. The record is ignored, and BATCH scans the input file for the next \$JOB record.
?BAD LOAD	BUILD	An attempt was made to load a binary handler that is not in the correct format.
?BAD MONITOR	RESORC	The input device may be a system device but the Monitor cannot be accessed.
BAD MONITOR	CCL	The version of the Keyboard Monitor being used is not compatible with CCL. A newer version of the monitor must be obtained from DIGITAL before CCL can be used.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
BAD NUMBER	CCL	A CCL command that uses the # construction does not have the full 16-digit specification required.
?BAD ORIGIN	BUILD	The origin in a binary file is not in the range 200-577.
BAD OUTPUT DEVICE	FOTP	This message usually appears when a non-file structured device is specified as the output device.
BAD OUTPUT DEVICE	Loader	The loader image file device was not a directory device, or the symbol map file device was a read-only device. The entire line is ignored.
BAD OUTPUT DIRECTORY	FOTP	The directory on the specified output device is not a valid OS/8 device directory.
BAD RECOLLECTION	CCL	An attempt was made to use a previously remembered argument when no argument was saved.
BAD SWITCH OPTION	CCL	The character used with a slash (/) to indicate an option is not a legal option.
BAD SYSTEM HEAD	PIP	If the /Y option is used and the area being transferred does not contain OS/8, this message results.
BATCH.SV NOT FOUND ON SYS:	BATCH	A copy of BATCH.SV must exist on the system device. Control returns to the OS/8 Monitor.
BD	F4	Bad dimensions (too big, or syntax) in DIMENSION, COMMON, or TYPE declaration.
BE	FLAP RALF	Illegal equate. The symbol had been defined previously.
	PAL8	Two PAL8 internal tables have overlapped. Fatal error--assembly cannot continue.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
BI	FLAP RALF	Illegal index register specification.
BO	FRTS	No more file buffer available.
BS	F4	Illegal in BLOCK DATA program.
BX	FLAP RALF	Bad expression. Something in the expression is incorrect, or the expression is not valid in this context.
C	SABR	An illegal character appears on the line.
CANNOT CHANGE CORE CAPACITY WHILE RUNNING BATCH	CCL	A CORE command was issued while the BATCH program was running.
CANNOT HANDLE VARIABLE LENGTH RECORDS	MCPIP	The records on the input and output files specified are not the same size.
% CAN'T--AT BOF	CAMP	A file mark was read before the specified number of records were read over in a BACKSPACE command. The device is moved forward so that it is positioned at the beginning of the file.
? CAN'T--AT BOT	CAMP	A BACKSPACE command cannot move the device backward the specified number of files because the device is positioned at the beginning of the first file.
% CAN'T--AT EOD	CAMP	The specified number of files cannot be advanced over because the end of data was encountered. The tape is positioned at the end of data.
% CAN'T--AT EOF	CAMP	A file mark was read before the specified number of records were advanced over in a SKIP command. The tape is moved backward one record to leave it positioned at the end of the file.
? CAN'T--DEVICE DOESN'T EXIST	CAMP and SET	The device specified in a CAMP or SET command is not present on the OS/8 system.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
? CAN'T--DEVICE IS READ-ONLY	CAMP	The device specified in a CAMP command is a read-only device; e.g., PTR.
? CAN'T--DEVICE IS RESIDENT	SET	No modifications are allowed to the system handler.
? CAN'T--DEVICE IS WRITE-ONLY	CAMP	The device specified in a CAMP command is a write-only device; e.g., TTY.
? CAN'T FOR THIS DEVICE	CAMP	The operation specified does not make sense for the device specified.
? CAN'T I/O ERROR	CAMP	This message is followed by a brief explanation of the input/output error that occurred.
CAN'T LOAD INPUT DEVICE	RXCOPY	The name of the input device specified in the command line is not a permanent device name.
CAN'T LOAD OUTPUT DEVICE	RXCOPY	The name of the output device specified in the command line is not a permanent device name.
? CAN'T--OBSOLETE HANDLER	SET	The handler has an old version number.
CAN'T OPEN OUTPUT FILE	PIP	Message occurs due to one of the following: 1. Output file is on a read-only device. 2. No name has been specified for the output file. 3. A /Y transfer has been attempted to a non-directory device. 4. Output file has zero free blocks.
CAN'T READ IT	FRTS	I/O error on reading loader image file.
% CAN'T REMEMBER	CCL	The argument specified in a CCL command line is too long to be remembered or an I/O error occurred.
? CAN'T--UNKNOWN VERSION OF THIS HANDLER	SET	The version of the handler is one not recognized, possibly because it is a newer version.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
CAUTION--DO DP	FRTS	The present hardware configuration does not include an FPP-12 Floating-Point Processor with double-precision option.
CCL #x OVERLAY & MONITOR INCOMPAT-IBLE	CCL	The version of CCL being used is not compatible with the Keyboard Monitor present on the system. Type R CCL to retry.
CH	BCOMP	Error in CHAIN statement.
	PAL8	Chain to CREF error-- CREF-SV was not found on SYS:.
CHER	FORT Library	File specified as argument to CHAIN not found on system device.
CI	BRTS	Inquire failure in CHAIN. Device not found.
CL	BRTS	Lookup failure in CHAIN. Filename not found.
	F4	Bad COMPLEX literal.
CLOSE ERROR	MCPIP	MCPIP is not able to close the file. A bad file just created on magnetic tape or cassette must be removed by placing a sentinel file after the preceding file.
CLOSE FAILED	CREF	CLOSE on output file failed.
CO	F4	Syntax error in COMMON statement.
COMMAND LINE OVER-FLOW	CCL	The command line specified with the @ construction is more than 512 characters in length.
COMMAND TOO LONG	CCL	The length of a text argument in a MUNG command is too long.
COMPARE ERROR	RXCOPY	When using the /m option all the areas that do not match are printed as COMPARE ERRORS. Since this is a nonfatal error, the RXCOPY operation continues.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
COMPILER MALFUNCTION	FORT	The meaning of this message has been extended to cover various unlikely Monitor errors.
CONTRADICTIONARY SWITCHES	CCL	Either two CCL processor switches were specified in the same command line or the file extension and the processor switch do not agree.
?CORE	BUILD	A CORE command specified more memory than is physically available, or the BOOT command was issued on an 8K system with a two-page system handler active. Two-page system handlers require at least 12K of core to be present on the OS/8 system.
CX	BCOMP	Incompatible file extensions were used in BASIC CHAIN statement.
D	SABR	A device handler has returned a fatal condition.
DA	BRTS	Attempt to read past end of data list.
DA	F4	Bad syntax in DATA statement.
DE	BCOMP	Error in DEF statement.
	BRTS	Device driver error. Caused by hardware I/O failure.
	F4	This type of statement illegal as end of DO loop.
	PAL8	Device error. An error was detected when trying to read or write a device. Fatal error--assembly cannot continue.
DELETES PERFORMED ONLY ON INPUT DEVICE GROUP 1 CAN'T HANDLE MULTIPLE DEVICE DELETES	FOTP	More than one input device was specified with the /D option when no output specification (device or filename) was included.
?DEV IS NOT FILE STRUCTURED	RESORC	The input device specified is not a file structured device; e.g., PTR.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
DEV LPT BAD	CREF	The default output device, LPT, cannot be used because it is not available on this system.
DEV NOT IMPLEMENTED	BATCH	BATCH cannot accept input from the specified input device because its handler is not permanently resident (SYS: or coresident with SYS:). Control returns to the Command Decoder.
DEVICE DOES NOT HAVE A DIRECTORY	DIRECT	The input device is a nondirectory device; that is, PTR, DIRECT can only read directories from file structured devices.
DEVICE FULL	PIP10	DECsystem-10 ran out of space on the output file during a transfer.
DEVICE #n NOT A DIRECTORY DEVICE	PIP	<p>Message occurs when:</p> <ol style="list-style-type: none"> 1. Trying to list the directory of a non-directory device. 2. The input designated in a /Y transfer is not on a directory device. <p>n gives the number of the device in the input list</p>
DF	PAL8	Device full. Fatal error--assembly cannot continue.
	F4	Bad DEFINE FILE statement.
D.F. TOO BIG	FRTS	Product of number of records times number of blocks per record exceeds number of blocks in file.
DH	F4	Hollerith field error in DATA statement.
DI	BCOMP	Error in DIM statement syntax or string dimension greater than 72, or array dimensioned twice.
DIRECTORY ERROR	PIP	An error has occurred while reading or writing the directory during a /S option.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
DIVIDE BY 0	FRTS	Attempt to divide by zero. The resulting quotient is set to zero and execution continues.
DIVZ	FORT Library	Division by zero; very large number is returned.
DL	F4	Data list and variable list are not same length.
DN	F4	DO-end missing or incorrectly nested. This message is not printed during pass 3. It is followed by the statement number of the erroneous statement rather than the ISN.
DO	BRTS	No more room for drivers. Too many different devices used in file commands.
	F4	Syntax error in DO or implied DO.
name DOES NOT EXIST	CCL Command Decoder MCPIP	The device with the name given is not present on the OS/8 system.
DP	F4	DO loop parameter not integer or real.
?DSK	BUILD	The device specified in a DSK command is not a file structured device.
DV	BRTS	Attempt to divide by 0. Result is set to zero (NF).
	FLAP RALF	An attempt was made in an expression evaluation to divide by zero.
E	SABR	There is no END statement.
EF	BRTS	Logical end of file. Usually caused when I/O device runs out of medium.
EG	FLAP RALF	The preceding line contains extra code that could not be used by the assembler.
EM	BRTS	Attempt to exponentiate a negative number to a power.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
EN	BRTS	Enter error in opening file. Device is read-only, or there is already one variable file open on that device, or file not found.
END OF TAPE	EPIC	EPIC was expecting a block of tape and found end of tape instead. Press CONT to retry.
END OF TAPE ENTER NEXT	EPIC	When EPIC is reading a file that is segmented across a number of paper tapes and encounters the end of a segment, it outputs this message and halts with AC=7777 to allow the user to enter the next segment of paper tape. Press CONT to continue reading.
ENTER ERROR	MCPIP	Error occurred while trying to enter an output file. This message usually means that the cassette or magnetic tape has no sentinel file.
ENTER FAILED	CREP	Entering an output file was unsuccessful--possibly output was specified to a read-only device.
EOF ERROR	FRTS	End of file encountered on input.
EQUALS OPTION BAD	DIRECT	The =n option is not in the range 0-7.
ERROR CLOSING FILE	DIRECT	System error.
ERROR DELETING FILE	PIP PIP10	An attempt was made to delete a file that does not exist.
ERROR IN COMMAND	CCL	A command not entered directly from the console terminal is not a legal CCL command. This error occurs when the argument of a UA, UB, or UC command was not a legal command.
ERROR ON INPUT DE- VICE SKIPPING (filename)	FOTP	The file specified is not transferred, but any previous or subsequent files are transferred and indicated in the new directory.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
ERROR ON OUTPUT DEVICE	BITMAP	Error occurred while writing on output device; i.e., output error on DECTape write.
ERROR ON OUTPUT DEVICE SKIPPING (filename)	FOTP	The file specified is not transferred, but any previous or subsequent files are transferred and indicated in the new directory.
ERROR READING IN- PUT DIRECTORY	DIRECT FOTP	An error occurred while reading the directory.
ERROR WHILE WRIT- ING OUTPUT FILE	LIBSET	Fatal output error occurred.
ERROR WRITING FILE	DIRECT	An error occurred while writing the output file.
ERROR WRITING OUT- PUT DIRECTORY	FOTP	Self-explanatory.
ES	RALF	External symbol error.
EX	F4	Syntax error in EXTERNAL statement.
EXCESSIVE SUBSCRIPTS	FORT	Self-explanatory.
FB	FORT Library	Argument to EXP too large; very large number is returned.
	BRTS	FILE busy. Attempt to use a file already in use.
FC	BRTS	OS/8 error while closing variable file. Device is read-only on file already closed.
FE	BRTS	Fetch error in opening file. Device not found, or device handler too big for available space.
FETCH ERROR	MCPIP	Error occurred while trying to fetch an OS/8 device handler.
FI	BRTS	Attempt to close or use unopened file.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
FILE ERROR	FRTS	Any of the following: a. A file specified as an existing file was not found. b. A file specified as a nonexistent file would not fit on the designated device. c. More than one nonexistent file was specified on a single device. d. File specification contained "*" as name or extension.
FILE NOT FOUND	PIP10	The requested file was not found on the specified device.
FILE OVERFLOW	FRTS	Attempt to write outside file boundaries.
FIX	FORT Library	Attempt to fix a number >2047; 2047 is returned.
FL	FLAP RALF	An error has occurred in the FPP or software floating conversion routines.
FLPW	FORT Library	Negative number raised to floating point power; absolute value taken.
FM	BRTS	Attempt to fix minus number. Usually caused by negative subscripts or file numbers.
FMT1	FORT Library	Invalid format statement.
FMT2	FORT Library	Illegal character in I format.
FMT3	FORT Library	Illegal character in F or E format.
FN	BCOMP	Error in file number of file name designation.
	BRTS	Illegal file number. Only 0, 1, 2, 3, 4 are legal.
FO	BRTS	Attempt to fix number greater than 4095. Usually caused by negative subscripts of the file numbers.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
FORMAT ERROR	FRTS	Illegal syntax in FORMAT statement.
FP	BCOMP	Incorrect FOR loop parameters or FOR loop syntax.
FP	FLAP RALF	A syntax error was encountered in a floating-point or extended-precision constant.
FPP ERROR	FRTS	Hardware error on FPP startup.
FR	BCOMP	Error in function arguments or function not defined.
FULL	Editor	The specified output device has become full. The file is closed; the user must specify a new output file.
GR	BRTS	RETURN without a GOSUB.
GS	BRTS	Too many nested GOSUBS. The limit is 10.
GT	F4	Syntax error in GO TO statement.
GV	F4	Assigned or computed GO TO variable must be integer or real.
HANDLER FAIL	CREF	This is a fatal error on output and can occur if either the system device or the selected output device is WRITE-LOCKed.
?HANDLERS	BUILD	More than 15 handlers, including SYS and DSK, were active when a BOOT command was issued.
HO	F4	Hollerith field error.
I	SABR	Illegal syntax.
IA	BRTS	Illegal argument in UDEF function call.
IC	FLAP RALF	The symbol or expression in a conditional is improperly used, or left angle bracket is missing. The conditional pseudo-op is ignored.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
IC	PAL8	Illegal character. The character is ignored and the assembly continued.
ID	PAL8	Illegal redefinition of a symbol.
IE	F4	Error reading input file. Control returns to the Keyboard Monitor.
	PAL8	Illegal equals--an attempt was made to equate a variable to an expression containing an undefined term. The variable remains undefined.
IE	RALF	An entry point has not been defined, or is absolute, or also is defined as a common section, or external.
IF	BCOMP	THEN or GOTO missing from IF statement, or bad relational operator.
	BRTS	Illegal DEV:filename specification.
	F4	Logical IF statement cannot be used with DO, DATA, INTEGER, etc.
II	PAL8	Illegal indirect--an off-page reference was made; a link could not be generated because the indirect bit was already set.
IL	FLAP	A literal was used in an instruction that cannot accept one.
ILLEGAL*	DIRECT FOTP	An asterisk (*) was included in the output file specification, or an illegal * was included in the input file name.
ILLEGAL * OR ?	CCL MCPIP	An * or ? was used in a CCL command that does not accept the wild card construction.
ILLEGAL?	DIRECT FOTP	A question mark (?) was included in the output file specification.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
ILLEGAL ARG.	Keyboard Monitor	The SAVE command was not expressed correctly; illegal syntax used.
ILLEGAL ARITHMETIC EXPRESSION	FORT	Self-explanatory.
ILLEGAL BINARY INPUT, FILE #n	PIP	Self-explanatory; n is the number of the file in the input list.
ILLEGAL CONSTANT	FORT	Self-explanatory.
ILLEGAL CONTINUATION	FORT	Self-explanatory.
ILLEGAL EQUIVALENCING	FORT	Self-explanatory.
#ILLEGAL INPUT	BATCH	A file specification designated TTY or PTR as an input device when the initial dialogue indicated that an operator is not available. The current job is aborted, and BATCH scans the input file for the next \$JOB command record.
ILLEGAL OR EXCESSIVE DO NESTING	FORT	Self-explanatory.
ILLEGAL ORIGIN	Loader	A RALF routine tried to store data outside the bounds of its overlay.
ILLEGAL SPOOL DEVICE	BATCH	The device specified as a spooling output device must be file structured. Control returns to the Command Decoder.
ILLEGAL STATEMENT	FORT	Self-explanatory.
ILLEGAL STATEMENT NUMBER	FORT	Self-explanatory.
ILLEGAL SYNTAX	CCL Command Decoder MCPIP	The command line was formatted incorrectly.
?ILLEGAL WIDTH	SET	A width of 0 or a width too large was specified, or, for the TTY, a width of 128 or one not a multiple of 8 was specified.
ILLEGAL VARIABLE	FORT	Self-explanatory.
IN	BRTS	Inquire failure in opening file. Device not found.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
INCOMPATIBLE!	ABSLDR	The versions of ABSLDR and the Keyboard Monitor being used are imcompatible.
INPUT DEVICE READ ERROR	RXCOPY	Bad input, bad tracks or sectors. Since this is a nonfatal error, the RXCOPY operation continues.
?INPUT ERROR	RESORC	An input error occurred during a RESORC operation.
INPUT ERROR	CREF MCPIP	An input error occurred while reading the file.
	FRTS	Illegal character received as input.
	LIBSET	Parity error on input.
INPUT ERROR, FILE #n	PIP	An input error occurred while reading file number n in the input file list.
INPUT ERROR READING INDIRECT FILE	CCL	CCL cannot read the file specified with the @ construction.
#INPUT FAILURE	BATCH	Either a hardware problem prevented BATCH from reading the next record of the input file, or BATCH read the last record of the input file without encountering a \$END command record.
INSUFFICIENT CORE FOR BATCH RUN	BATCH	OS/8 BATCH requires 12K of core to run. Control returns to the OS/8 Monitor.
IO	BCOMP	I/O error.
	BRTS	TTY input buffer overflow. Causes input buffer to be cleared and output another ? (NF)
	FLAP RALF	Input/output error (fatal error).
	FORT	A device handler has signaled an I/O FORT error.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
IOER	FORT Library	One of the following has occurred: 1. Device-independent input or output attempted without /I or /O options, or user attempted to specify a device requiring a two-page handler for device-independent I/O without using the /H option. 2. Bad arguments to IOPEN or OOPEN. 3. Transmission error while doing I/O.
I/O ERR	BUILD	An error occurred while reading from an input device during a LOAD command.
I/O ERROR	FRTS	Error reading or writing a file: tried to read from an output device, or tried to write on an output device.
	PIP10	I/O device error; e.g., parity, write-lock, out of paper.
	EPIC	If EPIC encounters an error while reading or writing a mass storage device, or a paper tape read fails three consecutive times, it outputs this error message, deletes the output file if one exists, and returns to the Command Decoder.
I/O ERROR, FILE #n	ABSLDR BITMAP	An I/O error has occurred in input file number n.
I/O ERROR IN (file name) --CONTINUING	PIP	An error has occurred during a /S transfer.
I/O ERROR ON SYS:	CCL	An error occurred while doing I/O to the system device. The system must be restarted at 7600 or 7605. Do not press CONT, because that will cause further errors.
I/O ERROR TRYING TO RECALL	CCL	An I/O error occurred while CCL was trying to remember an argument.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
IP	PAL8	Illegal pseudo-op--a pseudo-op was used in the wrong context or with incorrect syntax.
IR	FLAP	Invalid reference in a PDP-8 instruction.
IX	FLAP RALF	An index register was specified for an instruction that cannot accept one.
IZ	PAL8	Illegal page zero reference-- The pseudo-op was found in an instruction that did not refer to page zero. The Z is ignored.
L	SABR	/L or /G option was indicated, but the LOADER.SV file does not exist on the system device.
LD	PAL8	The /L or /G options have been specified and ABSLDR is not present on the system.
LG	PAL8	Link Generated--only printed if the /E switch was specified to PAL8.
LI	F4	Argument of logical IF is not type Logical.
LIBRARY DIRECTORY OVERFLOW	LIBSET	Too many subroutines were specified.
LINE TOO LONG IN FILE #n	PIP	In ASCII mode, a line has been found greater than 140 characters.
LM	BRTS	Attempt to take log of negative number or 0.
LOADER I/O ERROR	Loader	Fatal error message during aUSR function.
LS	BCOMP	Missing equal sign in LET statement.
LT	BCOMP	Statement too long (greater than 80 characters).
	F4	Input line too long, too many continuations.
	FLAP RALF	The line is longer than 128 characters. The first 127 characters are assembled and listed.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
L/T ERROR	EPIC	EPIC was expecting leader/trailer and found non-leader/trailer while attempting to read a block. The program prints this error message and halts with AC=7777 to allow the user to reposition the tape then press the CONT key.
M	SABR	A symbol has multiple definitions. Listings of programs with multiple definitions have unmarked errors.
#MANUAL HELP NEEDED	BATCH	BATCH is attempting to operate an I/O device, such as PRT or TTY, that will require operator intervention.
MD	BCOMP	Line number defined more than once. YY equals the line number before line in error.
	FLAP RALF	The tag on the line has been previously encountered at another location or has been used in a context requiring an absolute expression.
ME	BCOMP	Missing END statement.
MIXED INPUT	Loader	The L option was specified on a line that contained some file other than a library file. The library file (if any) is accepted. Any other input file specification is ignored.
MIXED MODE EXPRESSION	FORT	Self-explanatory.
MK	F4	Misspelled keyword.
ML	F4	Line number with multiple definitions.
MM	F4	Mismatched parenthesis.
MO	BCOMP F4	Operand expected, not found.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
MONITOR ERROR 2 AT xxxx (DIRECTORY I/O ERROR)	Keyboard Monitor	Attempt made to output to a WRITE-LOCKed device, usually DECTape; or an error has occurred reading/writing a directory.
MONITOR ERROR 5 AT xxxx (I/O ERROR ON SYS:)	Keyboard Monitor	An error occurred while doing I/O to the system device. This error is normally the result of not WRITE-ENABLEing the system device.
MONITOR ERROR 6 AT xxxx (DIRECTORY OVERFLOW)	Keyboard Monitor	A directory overflow has occurred (no room for tentative file entry in directory).
#MONITOR OVERLAYED	BATCH	The Command Decoder attempted to call the BATCH monitor to accept and transmit a file specification, but found that a user program had overlaid part or all of the BATCH monitor. Control returns to the monitor level, and BATCH executes the next Keyboard Monitor command.
MORE CORE REQUIRED	FRTS	The space required for the program, the I/O device handlers (I/O buffers), and the resident Monitor exceeds the available core.
MP	BCOMP	Missing parenthesis or error in expression within parentheses.
MT	BCOMP F4	Operand of mixed type or operator does not match operands.
MULT SECT	Loader	Any combination of entry point, COMMON section (with the exception of multiple COMMONs) or program section of the same name causes this error, except as shown in Table 1-6.
?NAME	BUILD	A device or filename was not designated in a command that requires one to be present.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
NE	FLAP RALF	Number error. A number out of range was specified, or an 8 or 9 occurred in octal radix.
NEED:n1 FOUND:n2	EPIC	EPIC read block n2 of the file when it was expecting block n1 of the file. EPIC halts with AC+7777 to allow the user to reposition the paper tape.
NEED:name1 FOUND: name2	EPIC	EPIC read a block of tape for the file NAME2 when it was expecting a block of the file NAME1.
NF	BCOMP	NEXT statement without corresponding FOR statement.
NM	BCOMP	Line number missing after GOTO, GOSUB, or THEN.
NO!!	Keyboard Monitor	The user attempted to start (with .ST) a program that cannot be started.
NO CCL!	Keyboard Monitor	CCL.SV is not present on the system device, or an I/O error occurred on the file. Refer to the OS/8 System Generation Notes for instructions on loading programs onto the system device.
NO DEFINE FILE	FRTS	Direct access I/O attempted without a DEFINE FILE statement.
NO END STATEMENT	FORT	The input to the compiler has been exhausted.
NO FILES OF THE FORM xxxx	FOTP	No files of the form (xxxx) specified were found on the current input device group.
NO /I	BITMAP	Cannot produce a bitmap of an image file.
NO /I!	ABSLDR	Use of /I is prohibited at this point.
NO INPUT	ABSLDR BITMAP	No input or binary file was found on the designated device.
NO INPUT DEVICE	RXCOPY	No input device was specified.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
NO INPUT FILE	MCPIP	No input file was specified when one was required.
NO MAIN	LOADER	No RALF module contained section #MAIN.
NO NUMERIC SWITCH	FRTS	The referenced FORTRAN I/O unit was not specified to the run-time system.
NO OUTPUT FILE	MCPIP	No output file was specified when one was required.
?NO ROOM	BUILD	Too many device handlers were present on the system when a LOAD or BUILD command was typed. The UNLOAD command must be used to remove a handler before another can be loaded.
NO ROOM FOR OUTPUT	FORT	The file FORTRN.TM cannot fit on the system device.
NO ROOM FOR OUTPUT FILE	DIRECT PIP	Either room on device or room in directory is lacking.
NO ROOM IN (filename) --CONTINUING	PIP	Occurs during use of the /S option. The output device cannot contain all of the files on the input device.
NO ROOM, SKIPPING (filename)	FOTP	No space is available on the output device to perform the transfer. Predeletion may already have occurred.
NO SUCH DEVICE	PIP10	Device name used is not legal in this OS/8 system.
% NON SYSTEM DEVICE	RESORC	The input device specified in a RESORC command line is not an OS/8 system device.
NOT A LOADER IMAGE	FRTS	The first input file specified to the run-time system was not a loader image file.
% NOT A SYSTEM HEAD	RESORC	The filename specified is not a system-head file.
name NOT AVAILABLE	Keyboard Monitor	The device with the name given is not listed in any system table, or it is not available for use at the moment, or the user tried to obtain input from an output-only device.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
NOT ENOUGH CORE	CCL	The number specified in a CORE command is larger than the number of 4K core banks on the system.
name NOT FOUND	BUILD CCL Command Decoder Keyboard Monitor	The device or file name designated in the command was not found.
file NOT FOUND	MCPIP	The file specified cannot be found.
NOT OS8 FILE	PIP10	The output device specified with a /L or /F option was not an OS/8 device or file.
NOT PDP-10 FILE	PDP10	The output device specified with a /Z option was not a DECsystem-10 tape, or the input device specified with a /L or /F option was not a DECsystem-10 tape.
?NUMBER TOO BIG	CAMP	The "nnnn" specified in a BACKSPACE or SKIP command is greater than 4095.
?NUMBER TOO BIG	SET	The number specified was out of range.
OE	BRTS	Driver error while overlaying. Caused by SYS device hardware error.
OF	BCOMP	Output file error.
	F4	Error writing output file. Control returns to the Keyboard Monitor.
OP	F4	Illegal operator.
OS/8 ENTER ERROR	Loader	Fatal error during a USR function.
OT	F4	Type/operator use illegal (e.g., A.AND.B where A and/or B not typed Logical).
OUT DEV FULL	CREF	The output device is full (directory devices only).
OUT-IN	MCPIP	Both the input and the output devices were specified as the same cassette or magnetic tape drive.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
?OUTPUT DEVICE FULL	RESORC	The output device specified does not have enough room to copy the RESORC file.
OUTPUT DEVICE FULL	MCPIP	Either room on device or room in the directory is lacking.
?OUTPUT DEVICE IS READ ONLY	RESORC	The output device specified is a read-only device; e.g., PTR.
OUTPUT DEVICE READ ERROR	RXCOPY	Bad data on output device, tracks and sectors bad. Since this is a nonfatal error, the RXCOPY operation continues.
OUTPUT DEVICE WRITE ERROR	RXCOPY	Fatal output error; other RXCOPY operations continue.
?OUTPUT ERROR	RESORC	An error occurred while attempting to output during a RESORC operation.
OUTPUT ERROR	MCPIP	Output error--possibly a WRITE-LOCKed device, parity error, or attempt to output to a read-only device.
OUTPUT FILE OPEN ERROR	PIP10	The output file could not be opened. Check output directory to ensure that enough space exists on the device.
OV	BRTS	Numeric or input overflow.
OVER CORE	Loader	The loader image requires more than 32K of core memory.
OVER IMAG	Loader	Output file overflows in the loader image file.
OYER SYMB	Loader	Symbol table overflow. More than 253 (decimal) symbols in one FORTRAN job.
OVERFLOW	FRTS	Result of a computation exceeds upper bound for that class of variable. The result is set equal to zero and execution continues. This error is detected only if an FPP is present.
OVERLAY ERROR	FRTS	Error while reading overlay.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
OVFL	FORT Library	Floating point overflow; very large number is returned.
PA	BRTS	Illegal argument in POS function.
PARENS TOO DEEP	FRTS	Parens nested too deeply in FORMAT statement.
PARITY ERROR	EPIC	EPIC failed to read a block correctly; e.g., the reader dropped some bits. EPIC halts with AC=7777 to allow the user to reposition the tape so that it can try the read again.
PD	BCOMP	Pushdown stack overflow. Result of either too complex a statement (or statements) or too many nested FOR-NEXT loops.
	F4	Compiler stack overflow; statement too big and/or too many nested loops.
PE	PAL8	Current non-zero page exceeded.
PH	F4	Bad program header line.
	PAL8	Phase error--a conditional assembly bracket is still in effect at the end of the input stream--this is caused by nonmatching angle bracket (< >) characters in the source.
PIP10 CANNOT BE CHAINED	PIP10	Self-explanatory.
?PLAT	BUILD	The =n in a SYS command is too large for the device specified; e.g., RF08=5.
PO	FLAP	Page overflow. Literals and instructions have been overlapped.
PREMATURE END OF FILE, FILE #n	PIP	Message occurs in Binary Mode (/B) only. A physical end-of-file has been found before the final leader/trailer.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
PTR:name IS TOO BIG FOR dev:	EPIC	The paper tape file name will not fit on the specified output device DEV:. EPIC aborts the command and returns to the Command Decoder. EPIC makes the check for size before writing on the output device.
QL	F4	Nesting error in EQUIVALENCE statement.
QS	BCOMP	String literal too long or does not end in quote.
	F4	Syntax error in EQUIVALENCE statement.
RD	F4	Attempt to redefine the dimensions of a variable.
	PAL8	Redefinition--a permanent symbol has been defined with =. The new and old definitions do not match. The redefinition is allowed.
RE	BRTS	Attempt to read past end of file (NF).
	RALF	Relocatability error. A relocatable expression has been used in context requiring an absolute expression.
RECORD SIZE TOO BIG	MCPPIP	The output record size specified is greater than 1000 or an output record size is 0.
RT	F4	Attempt to redefine the type of variable.
RW	F4	Syntax error on READ/WRITE statement.
S	SABR	Either the symbol table has overflowed, common storage has been exhausted, more than 64 different user-defined symbols occurred in a core page, or more than 64 external symbols have been declared. Could also indicate a system error such as overflowed output file.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
SABR.SV NOT FOUND	FORT	The SABR assembler is not present on the system device.
SAVE ERROR	Keyboard Monitor	An I/O error has occurred while saving the program. The program remains intact in core.
SC	BRTS	String too long (greater than 72 characters) after concatenating.
SE	PAL8	Symbol table extended--too many symbols have been defined for the amount of memory available. Fatal error--assembly cannot continue.
SF	F4	Bad arithmetic statement function.
SL	BRTS	String too long or undefined.
?SLOTS	BUILD	More than 8 groups of non-system handlers have been inserted.
SN	F4	Illegal subroutine name in CALL.
SORRY--NO INTERRUPTIONS	PIP	1. ^C (CTRL/C) is typed while compressing a file onto itself; the transfer continues. 2. A /Y transfer is done with system device as the output, or if the transfer has both input and output on the same device.
#SPOOL TO FILE BTCHAL	BATCH	Where the "A" may be any character of the alphabet and the "l" may be any decimal digit. This message indicates that BATCH has intercepted a nonfile structured output file and rerouted it to the spool device. This is not, generally, an error condition.
SQRT	FORT Library	Attempt to take square root of negative number; absolute value used.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
SR	BRTS	Attempt to read string from numeric file.
SS	BCOMP	Subscript or function argument error.
	F4	Error in subscript expression; i.e., wrong number, syntax.
ST	BCOMP	Symbol table overflow due to too many variables, line number, or literals. Combine lines using backslash (\) to condense program.
ST	BRTS	String truncation on input. Stores maximum length allowed (NF).
ST	F4	Compiler symbol table full, program too big. Causes an immediate return to the Keyboard Monitor.
	FLAP RALF	User symbol table overflow (fatal error).
SU	BRTS	Subscript out of DIM statement range.
SUBR. OR FUNCT. STMT. NOT FIRST	FORT	Self-explanatory.
% SUPERSEDED	CCL	The file specified in a MAKE command already exists. This is a warning message indicating that the file is being replaced.
SW	BRTS	Attempt to write string in to numeric file.
SWITCH NOT ALLOWED HERE	CCL	Either a CCL option was specified on the left side of the < or was used when not allowed.
SY	BCOMP	System incomplete. System files such as BASIC.SV, BCOMP.SV, and BRTS.SV missing.
	F4	System error; i.e., PASS20. SV or PASS2.SV missing, or no room for output file. Causes an immediate return to the Keyboard Monitor.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
SYM OVERFLOW	CREF	More than 896 (decimal) symbols and literals were encountered.
SYMBOL TABLE EXCEEDED	FORT	Self-explanatory.
?SYNTAX	BUILD	An illegal character was typed in a BUILD command line. The line must be retyped.
?SYNTAX ERROR	CAMP	An illegal character was typed in a CAMP command or a command was formatted incorrectly. The command must be retyped.
?SYNTAX ERROR	SET	Incorrect format used in SET command or NO specified when not allowed.
SYNTAX ERROR	FORT PIP 10	Invalid command line.
?SYS	BUILD	This message appears when one of the following conditions exists: a. A permanent name in a SYS command was not a system handler or coresident with one. b. A BOOT command was issued when two system handlers were active. c. A BOOT command was issued when an active handler, which must be coresident with a SYS handler, did not have the system handler active.
#SYS ERROR	BATCH	A hardware problem prevented BATCH from performing an I/O operation.
SYS ERROR	BUILD	An I/O error occurred with a system handler. The computer halts. Press CONT to retry or restart the BUILD procedure from the beginning. Do not assume that a valid OS/8 system remains in core.
SYS NOT FOUND	BUILD	No active handler with the name SYS was present when a BOOTSTRAP command was issued.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
SYSTEM DEVICE ERROR	FRTS	I/O failure on the system device.
SYSTEM ERR	Keyboard Monitor	An error occurred while doing I/O to the system device. The system should be restarted at 7600 or 7605. Do not press CONTInue because this will cause further errors.
SYSTEM ERROR	Loader	Fatal error during a USR function.
SYSTEM ERROR-- CLOSING FILE	FOTP	Self-explanatory.
TB	BCOMP	Program too big. Condense or CHAIN.
TD	BCOMP	Too much data in program.
	F4	Bad syntax in type declaration statement.
THERE IS NO HOPE-- THERE IS NO TTY HANDLER IN YOUR SYSTEM!	DIRECT	A command was issued to print a directory on the terminal when no TTY handler is present on the OS/8 system. Use BUILD to insert a TTY handler into the system.
TOO FEW ARGS	Keyboard Monitor	An important argument has been omitted from a command.
TOO MANY FILES	CCL	Too many files were included in a CCL command.
TOO MANY FILES	Command Decoder	More than three output files or nine input files were specified. Some programs may restrict the user to fewer files.
TOO MANY FILES	MCPIP	More than one output or one input device was specified.
TOO MANY HANDLERS	FRTS	Too many I/O device handlers are resident in memory, or files have been defined on too many devices.
TOO MANY LEVELS	Loader	The 0 option was specified more than seven times.
TOO MANY OVERLAYS	Loader	More than 16 overlays were defined in the current level.

OS/8 SYSTEM ERROR MESSAGE MANUAL

<u>Message</u>	<u>Program</u>	<u>Explanation</u>
TOO MANY RALF FILES	Loader	More than 128 input files were specified.
TS	BCOMP	Too many total characters in the string literals.
?TTY DOES NOT EXIST	RESORC	An output device was not specified in the RESORC command line and the TTY handler does not exist on the OS/8 system. Use BUILD to insert TTY handlers into the system.
U	SABR	No symbol table is being produced, but there is at least one undefined symbol in the program.
UD	BCOMP	Error in UDEF statement.
UF	BCOMP	FOR loop without corresponding NEXT statement.
UNDF	SABR	Undefined symbol; printed in the symbol table listing.
UNIT ERROR	FRTS	I/O unit not assigned, or incapable of executing the requested operation.
?UNKNOWN ATTRIBUTE FOR DEVICE dev	SET	An illegal attribute was specified for the given device.
UO	PAL8	Undefined origin--an undefined symbol has occurred in an origin statement.
US	BCOMP F4	Undefined statement number.
	FLAP RALF PAL8	Undefined symbol in an expression.
USE PIP FOR NON-FILE STRUCTURED DEVICE	FOTP	An input device specified is not a file structured device; e.g., PTR.
USER ERROR	FRTS	Illegal subroutine call, or call to undefined subroutine. Execution continues only if the E option was requested.

OS/8 SYSTEM ERROR MESSAGE MANUAL

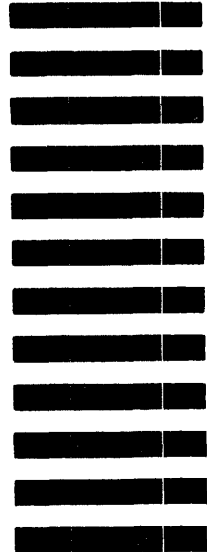
<u>Message</u>	<u>Program</u>	<u>Explanation</u>
USER ERROR 0 AT xxxx	Keyboard Monitor	An input error was detected while loading the program. xxxx refers to the Monitor location where the error was generated.
USER ERROR 1 AT xxxx	FORT Library	The user tried to reference an entry point of a program that was not loaded, or failed to define a subscripted variable in a DIMENSION statement. xxxx has no meaning.
USR n dev:name	EPIC	The USR encountered an error while attempting to perform a fetch, lookup, enter, or close on the file name on device dev. n=1 is a fetch, n=2 is lookup, n=3 is enter, n=4 is close. EPIC aborts the command and returns to the Command Decoder.
UU	BCOMP	Incorrect or missing array designator in USE statement.
VE	F4	Version error. One of the compiler programs is absent from SYS: or is present in the wrong version.
VR	BRTS	Attempt to read variable-length file.
WE	BRTS	Attempt to write past end of file (NF).
WRONG OS/8 MONITOR	BATCH	OS/8 BATCH requires an OS/8 Monitor no older than version 3.
XC	BCOMP	Extra characters after the logical end of line.
XS	RALF	External symbol table overflow. Control returns to the OS/8 Keyboard Monitor.
ZE	PAL8	Page 0 exceeded--same as PE except with reference to page 0.
ZERO SYS?	PIP	Attempt made to zero the system device directory. Responding with Y causes the directory to be zeroed; any other character aborts the operation.

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