ARRAYDEC: LOWER BOUND IN ARRAY DEC NOT FOLLOWED BY .,
00033000 00034000
ARRAYDEC: BOUND PAIR LIST NOT FOLLOWED BY J.,
00035000 00036000
ARRAYSPEC: ILLLEGAL LOWER BOUND DESIGNATOR IN ARRAY SPECIFICATION,
00037000 00038000
BLOCK: OWN APPEARS IMMEDIATELY BEFORE IDENTIFIER(NO TYPE),
00039000 00040000
BLOCK: SAVE APPEARS IMMEDIATELY BEFORE IDENTIFIER(NO TYPE),
00041000 00042000
BLOCK: STREAM APPEARS IMMEDIATELY BEFORE IDENTIFIER(THE WORD PROCEDURE LEFT OUT),
00043000 00044000
BLOCK: DECLARATOR PRECEDED ILLEGALLY BY ANOTHER DECLARATOR,
00045000 00046000
PROCEDUREDEC: LABEL. CANNOT BE PASSED TO FUNCTION,
00047000 00048000
BLOCK: DECLARATOR OR SPECIFIER ILLGALLY PRECEDED BY OWN OR SAVE OR SOME OTHER DECLARATOR,
00049000 00050000
FILEDEC: ILLLEGAL BUFFER PART OR SAVE FACTOR IN FILE DEC,
00051000 00052000
FILEDEC: MISSING () IN FILE DEC,
00053000 00054000
FILEDEC: NO, OF BUFFERS IN FILE DEC MUST BE AN UNSIGNED INTEGER,
00055000 00056000
FILEDEC: ILLLEGAL BUFFER PART OR SAVE FACTOR IN FILE DEC,
00057000 00058000
PROCEDUREDEC: PROCEDURE TYPE AT ACTUAL DECLARATION TIME DIFFERENT THAN AT FORWARD DEC,
00059000 00060000
LISTDEC: MISSING () IN LISTDEC,
00061000 00062000
FORMATDEC: MISSING () IN FORMAT DEC,
00063000 00064000
SWITCHDEC: SWITCH DEC DOES NOT HAVE * OR FORWARD AFTER IDENTIFIER,
00065000 00066000
SWITCHFILEDEC: MISSING * AFTER FILE,
00067000 00068000
SWITCHFILEDEC: NON FILE ID APPEARING IN DECLARATION OF SWITCHFILE,
00069000 00070000
SUPERFORMATDEC: FORMAT ID NOT FOLLOWED BY ,
00071000 00072000
SUPERFORMATDEC: MISSING ( AT START OF FORMATPHRASE,
00073000 00074000
SUPERFORMATDEC: FORMAT SEGMENT >1022 WORDS;
00075000 00076000
SAVE CODE EXCEEDS 4096 WHICH KERNEL CAN H/L SEGMENT;
00077000 00078000
ANYWHERE: OUT O F RANGE OF C RELATIVE ADDRESSING FOR CONSTANT
00079000 00080000
BLOCK: ILLLEGAL F RELATIVE ADDRESS EXP IN DECLARATION
00081000 00082000
BLOCK: PROCEDURE WHOSE FONY NOT A BLOCK
00083000 00084000
ARRAYDEC: CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC
00085000 00086000
ARRAYDEC: CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC
00087000 00088000
ARRAYDEC: ILLLEGAL DIMENSION INDICATOR IN ARRAY DEC
00089000 00090000
ARRAYDEC: ILLLEGAL DIMENSION INDICATOR IN ARRAY DEC
00091000 00092000
SEGMENTSTART: SAVE STORAGE NOT ALLOWED WITH INTRINSIC OPTIONS.
00093000 00094000
INSTR: ILLLEGAL SPECIFIER IN SCOPE STM: MUST BE 215,
00095000 00096000
INLINE: EXTRA ; IN STREAM HEAD,
00097000 00098000
ANYWHERE: UNDECLARED IDENTIFIER;
00099000 00099000
CHECKER: AN ATTEMPT HAS BEEN MADE TO ADDRESS AN IDENTIFIER WHICH IS LOCAL TO ONE PROCEDURE AND GLOBAL TO ANOTHER. IF THE QUANTITY IS A PROCEDURE NAME OR AN OWN VARIABLE THIS RESTRICTION IS RELAXED.
00001000 00001000
AFXP: CONDITIONAL EXPRESSION IS NOT OF ARITHMETIC TYPE;
00001100 00001100
PRIMARY: PRIMARY MAY NOT BEGIN WITH A QUANTITY OF THIS TYPE;
00001200 00001200
ANYWHERE: MISSING RIGHT PARENTHESIS;
00001300 00001300
ANYWHERE: MISSING LEFT PARENTHESIS;
00001400 00001400
PRIMARY: PRIMARY MAY NOT START WITH DECLARATOR.
HEXP: THE EXPRESSION IS NOT OF BOOLEAN TYPE.
EXPRS: A RELATION MAY NOT HAVE CONDITIONAL EXPRESSIONS AS THE ARITHMETIC EXPRESSIONS.
ROOTFC, SIMPLFC, AND ROOTCOMPL: THE PRIMARY IS NOT BOOLEAN.
ROOTCOMPL: A NON-BOOLEAN OPERATOR OCCURS IN A BOOLEAN EXPRESSION.
BANOPRIM: NO EXPRESSION (ARITHMETIC BOOLEAN, OR DESIGNATION TIONAL) MAY BEGIN WITH A QUANTITY OF THIS TYPE.
BANOPRIM: NO EXPRESSION (ARITHMETIC BOOLEAN, OR DESIGNATION TIONAL) MAY BEGIN WITH A DECLARATOR.
PARSE: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A CONCATENATE OPERATOR IS INCORRECT.
DOSYNTAX: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A PARTIAL HORD DESIGNATOR IS INCORRECT.
NEXP: THE EXPRESSION IS NOT OF DESIGNATIONAL TYPE.
CDECL: MISSING THEN.
CALL: MISSING LEFT BRAKET.
CALL: MISSING RIGHT BRAKET.
COMPOUNDTAIL: MISSING SEMICOLON OR END.
COMPOUNDTAIL: MISSING END.
ACTUALPARPART: AN INDEXED FILE MAY BE PASSED BY NAME ONLY AND ONLY TO A STREAM PROCEDURE - THE STREAM PROCEDURE MAY NOT DO A RELEASE ON THIS TYPE PARAMETER.
ACTUALPARPART: STREAM PROCEDURE MAY NOT HAVE AN EXPRESSION PASSED TO IT BY NAME.
ACTUALPARPART: THE ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO TYPE.
ACTUALPARPART: ACTUAL AND FORMAL ARRAYS DO NOT HAVE SAME NUMBER OF DIMENSIONS.
ACTUALPARPART: STREAM PROCEDURES MAY NOT BE PASSED AS A PARAMETER TO A PROCEDURE.
ACTUALPARPART: NO ACTUAL PARAMETER MAY BEGIN WITH A QUANTITY OF THIS TYPE.
ACTUALPARPART: THIS TYPE QUANTITY MAY NOT BE PASSED TO A STREAM PROCEDURE.
ACTUALPARPART: IF THERE ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO NUMBER, OR EXTRA RIGHT PARENTHESIS.
ACTUALPARPART: ILLEGAL PARAMETER DELIMITER.
HELPSTMT: NO FILE NAME.
HOSTSTMT: MISSING UNTIL.
WHILESTMT: MISSING DO.
LABELSTMT: MISSING C OLON.
LABEL: THE LABEL WAS NOT DECLARED IN THIS BLOCK.
LABEL: THE LABEL HAS ALREADY OCCURRED.
FORMATPHRASE: IMPROPER FORMAT EDITING PHRASE.
FORMATPHRASE: A FORMAT EDITING PHRASE DOES NOT HAVE AN INTEGER WHERE AN INTEGER IS REQUIRED.
FORMATPHRASE: THE WIDTH IS TOO SMALL IN E OR F EDITING PHRASE.
TABLE: OFFSET IS NESTED MORE THAN NEST DEEP.
NEXTENT: AN INTEGER IN A FORMAT IS GREATER THAN 1023.
SCANTM: INTEGER OR IDENTIFIER HAS MORE THAN 63 CHARACTORS.
DEFINEGEN: A DEFINE CONTAINS MORE THAN 2047 CHARACTORS (BLANK SUPPRESSED).
COMPOUND TAIL: EXTRA END.
STMT: NO STATEMENT MAY START WITH THIS TYPE IDENTIFIER.
STMT: NO STATEMENT MAY START WITH THIS TYPE QUANTITY.
STMT: NO STATEMENT MAY START WITH A DECLARATOR - MAY RE
A MISSING END OF A PROCEDURE OR A MISPLACED
DECLARATION.
SWITCH: MORE THAN 256 EXPRESSIONS IN A SWITCH DECLARATION.
GETSPACE: MORE THAN 1023 PROGRAM REFERENCE TABLE CELLS
ARE REQUIRED FOR THIS PROGRAM.
GETSPACE: MORE THAN 256 STACK CELLS ARE REQUIRED FOR THIS PROCEDURE.
ACTUAL PART: CONSTANTS MAY NOT BE PASSED BY NAME TO STREAM PROCEDURES.
FOR_STMT: IMPROPER FOR INDEX VARIABLE.
FOR_STMT: MISSING LEFT ARROW FOLLOWING INDEX VARIABLE.
FOR_STMT: MISSING UNTIL, OR WHEN IN STEP ELEMENT.
FOR_STMT: MISSING DO IN FOR CLAUSE.
IF_EXP: MISSING ELSE.
LIST_ELEMENT: A DESIGNATIONAL EXPRESSION MAY NOT BE A LIST ELEMENT.
LIST_ELEMENT: A ROW DESIGNATOR MAY NOT BE A LIST ELEMENT.
LIST_ELEMENT: MISSING RIGHT BRACKET IN GROUP OF ELEMENTS.
PROC_STMT: ILLEGAL USE OF PROCEDURE OR FUNCTION IDENTIFIER.
PURGE: DECLARED LABEL DOES NOT OCCUR.
PURGE: DECLARED FORWARD PROCEDURE DOES NOT OCCUR.
ZIPS_STMT: MISSING COMMA IN ZIP STATEMENT.
FORMAT: PERCENT TOO LARGE ( > 4093 SYLLABLES).
SIMPLE_VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT.* MOST
IN A LEFT PART LIST.
SIMPLE_VARIABLE: MISSING . OR *.
SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS IN A ROW
DESIGNATOR.
SUBSCRIPTED VARIABLE: MISSING J IN A ROW DESIGNATOR.
SUBSCRIPTED VARIABLE: A ROW DESIGNATOR APPEARS OUTSIDE OF AN ACTUAL PARAMETER LIST OR FILL STATEMENT.
SUBSCRIPTED VARIABLE: MISSING J.
SUBSCRIPTED VARIABLE: MISSING L.
SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS.
SUBSCRIPTED VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT.* MOST IN A LEFT PART LIST.
SUBSCRIPTED VARIABLE: MISSING . OR *.
VARIABLE: PROCEDURE IS USED OUTSIDE OF SCOPE IN LEFT PART.
STREAM_STMT: ILLEGAL STREAM STATEMENT.
ANY STREAM_STMT: PROCEDURE IS USED OUTSIDE OF SCOPE IN LEFT PART.
INDEX MISSING + OR -.
INDEX: MISSING NUMBER OR STREAM VARIABLE.
FMT: NUMBER > 63 OR NUMBER OF LABELS+LOCALS+FORMALS>63.
DSS: MISSING STRING IN DS+ LIT STATEMENT IN DS+ LIT STATEMENT.
RPLEARSET: MISSING PARENTHESIS OR FILE IDENTIFIER IS NOT A FORMAL PARAMETER.
GOTOS, LABELS, OR JUMPS: LABEL SPECIFIER IS NOT ON THE SAME LEVEL AS A PRECEDING APPEARANCE OF THE SAME LABEL.
LABELS: MISSING .
LABELS: LABEL APPEARS MORE THAN ONCE.
GOTOS: MISSING LABEL IN A GO TO OR JUMP OUT TO STATEMENT.

JUMPS: MISSING OUT IN JUMP OUT STATEMENT.

NESTED: MISSING PARENTHESIS.

IFS: MISSING SC IN IF STATEMENT.

IFS: MISSING RELATIONAL IN IF STATEMENT.

IFS: MISSING ALPHA-OC OR STRING IN IF STATEMENT.

IFS: MISSING THEN IMMEDIATE STATEMENT.

FRD: FIX: THERE ARE GO TO STATEMENTS IN WHICH THE LABEL IS UNEFIND.

FORMAL PARAMETERS LOCALS AND LABELS.

TABLE: A CONSTANT IS SPECIFIED WHICH IS TOO LARGE OR TOO SMALL.

DMLSTMT: MISSING (.

DMLSTMT: TOO MANY OPERATORS.

DMLSTMT: TOO MANY OPNTHRS.

DMLSTMT: MISSING :.

DMLSTMT: MISSING ).

FILLSTMT: THE IDENTIFIER FOLLOWING "FILL" IS NOT AN ARRAY IDENTIFIER.

FILLSTMT: MISSING "WITH" IN FILL STATEMENT.

FILLSTMT: IMPROPER FILL ELEMENT.

FILLSTMT: NON-OCTAL CHARACTER IN OCTAL FILL.

FILLSTMT: IMPROPER ARRAY ROW DESIGNATOR IN FILL.

FILLSTMT: DATA IN FILL EXCEEDS 1023 WORDS.

FILLSTMT: TOO MANY PARENTHESES IN FILL.

HERRMAC: MISSING FILE IN IN MONITOR DEC.

HERRMAC: MISSING LEFT PARENTHESIS IN MONITOR DEC.

HERRMAC: IMPROPER SUBSCRIPT FOR MONITOR LIST ELEMENT.

HERRMAC: IMPROPER SUBSCRIPT EXPRESSION DELIMITER IN MONITOR LIST ELEMENT.

HERRMAC: IMPROPER NUMBER OF SUBSCRIPTS IN MONITOR LIST ELEMENT.

HERRMAC: LABEL OR SWITCH MONITORED AT IMPROPER LABEL.

HERRMAC: IMPROPER MONITOR LIST ELEMENT.

HERRMAC: MISSING RIGHT PARENTHESIS IN MONITOR DECLARATION.

HERRMAC: IMPROPER MONITOR DECLARATION DELIMITER.

DUMP: MISSING FILE IDENTIFIER IN DUMP DECLARATION.

DUMP: MISSING LEFT PARENTHESIS IN DUMP DECLARATION.

DUMP: SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF SUBSCRIPTS.

DUMP: SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF SUBSCRIPTS.

DUMP: IMPROPER ARRAY DUMP LIST ELEMENT.

DUMP: ILLEGAL DUMP LIST ELEMENT.

DUMP: MORE THAN 100 LABELS APPEAR AS DUMP LIST ELEMENTS IN ONE DUMP DECLARATION.

DUMP: LEGAL DUMP LIST ELEMENT DELIMITER.

DUMP: IMPOSSIBLE DUMP LARFIL IN DUMP DECLARATION.

DUMP: MISSING COLON IN DUMP DECLARATION.

DUMP: IMPROPER DUMP DECLARATION DELIMITER.

READSTMT: MISSING LEFT PARENTHESIS IN READ STATEMENT.

READSTMT: MISSING LEFT PARENTHESIS IN READ REVERSE STATEMENT.

READSTMT: MISSING FILE IN READ STATEMENT.

READSTMT: IMPROPER FILE DELIMITER IN READ STATEMENT.
READSTMT: IMPROPER FORMAT DELIMITER IN READ STATEMENT.
READSTMT: IMPROPER DELIMITER FOR SECOND PARAMETER IN READ STATEMENT.
READSTMT: IMPROPER ROW DESIGNATOR IN READ STATEMENT.
READSTMT: IMPROPER ROW DESIGNATOR DELIMITER IN READ STATEMENT.
READSTMT: MISSING ROW DESIGNATOR IN READ STATEMENT.
READSTMT: IMPROPER DELIMITER PRECEDING THE LIST IN A READ STATEMENT.
HANDLEMTAITEMORREADORSSPACESTATEMENT: IMPROPER END OF FILE LABEL IN READ OR SPACE STATEMENT.
HANDLEMTAITEMORREADORSSPACESTATEMENT: IMPROPER PARTY LABEL IN READ OR SPACE STATEMENT.
HANDLEMTAITEMORREADORSSPACESTATEMENT: IMPROPER RIGHT BRACKET IN READ OR SPACE STATEMENT.
SPACESTATEMENT: IMPROPER FILE IDENTIFIER IN SPACE STATEMENT.
SPACESTATEMENT: IMPROPER COMMA IN SPACE STATEMENT.
SPACESTATEMENT: IMPROPER RIGHT PARENTHESIS IN SPACE STATEMENT.
WRITESTATEMENT: IMPROPER LEFT PARENTHESIS IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER FILE IDENTIFIER IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER DELIMITER FOR FIRST PARAMETER IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER RIGHT BRACKET IN CARRIAGE CONTROL PART OF A WRITE STATEMENT.
WRITESTATEMENT: ILLEGAL CARRIAGE CONTROL DELIMITER IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER SECOND PARAMETER DELIMITER IN WRITE STATEMENT.
WRITESTATEMENT: IMPROPER ROW DESIGNATOR IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER RIGHT PARENTHESIS AFTER A ROW DESIGNATOR IN A WRITE STATEMENT.
WRITESTATEMENT: MISSING ROW DESIGNATOR IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER DELIMITER PRECEDING A LIST IN A WRITE STATEMENT.
WRITESTATEMENT: IMPROPER LIST DELIMITER IN A WRITE STATEMENT.
READSTMT: IMPROPER LIST DELIMITER IN A READ STATEMENT.
LOCKSTATEMENT: IMPROPER LEFT PARENTHESIS IN A LOCK STATEMENT.
LOCKSTATEMENT: IMPROPER FILE PART IN A LOCK STATEMENT.
LOCKSTATEMENT: IMPROPER COMMA IN A LOCK STATEMENT.
LOCKSTATEMENT: IMPROPER UNIT DISPOSITION PART IN A LOCK STATEMENT.
LOCKSTATEMENT: IMPROPER RIGHT PARENTHESIS IN A LOCK STATEMENT.
CLOSESTATEMENT: IMPROPER LEFT PARENTHESIS IN A CLOSE STATEMENT.
CLOSESTATEMENT: IMPROPER FILE PART IN A CLOSE STATEMENT.
CLOSESTATEMENT: IMPROPER COMMA IN A CLOSE STATEMENT.
CLOSESTATEMENT: IMPROPER UNIT DISPOSITION PART IN A CLOSE STATEMENT.
CLOSESTATEMENT: IMPROPER RIGHT PARENTHESIS IN A CLOSE STATEMENT.
REWINDSTATEMENT: IMPROPER FILE PART IN A REWIND STATEMENT.
REWINDSTATEMENT: IMPROPER FILE PART IN A REWIND STATEMENT.
REWINDSTATEMENT: IMPROPER RIGHT PARENTHESIS IN A REWIND STATEMENT.
BLOCKIA DUMP DECLARATION APPEARS IN THE SPECIFICATION PART OF A PROCEDURE.
BLOCKIA DUMP DECLARATION APPEARS IN THE SPECIFICATION PART OF A PROCEDURE.
INLINFILE: MISSING PARAMETER IDENTIFIER IN INLINE STREAM.
BEGIN COMMENT OUTERMOST BLOCK:

INTEGER ERRORCOUNT; COMMENT NUMBER OF ERROR MESSAGES. MCP WILL TYPE
SYNTAX ERR AT EQ 0 IF THIS IS NON-SHOP. MUST BE WR+25; 00500000
INTEGER SAVETIME; COMMENT SAVETIME FOR CUBE FILE, GIVEN BY MCP.
IF Compile & GO =0, FOR SYNTAX =-1, MUST BE AT R+26I 00504000
INTEGER CARNUMBER: % SCE # OF CARD BEING PROCESSED.
INTEGER CARCOUNT: % NUMBER OF CARDS PROCESSED.
BOOLEAN BUILDLINE:

COMMENT RR1-RR11 ARE USED IN SOME PROCEDURES IN
PLACE OF LOCALS TO SAVE SPACE;
REAL RR1,RR2,RR3,RR4,RR5,RR6,RR7,RR8,RR9,RR10,RR11;
COMMENT SOME OF THE RR1 ARE USED TO PASS FILE INFORMATION
TO THE MAIN BLOCK;
COMMENT EXAMINE RETURNS THE CHARACTERS AT ASCII ADDRESS NCR;
REAL STREAM PROCEDURE EXAMIN(NCR): VALUE NCR:
BEGIN SI*INCHNIT+LOC EXAMIN NCR+1+7+DS=CHR END;
INTEGER STREAM PROCEDURE GETF(GQ): VALUE Q:
BEGIN SI+LOC GETFI SI+7=DI=LOC GQ DI+Q+7+5:
SKIP 3 DI+9(IF SB THEN DS=ELSE DS=RESET; SKIP SB);
D=LOC QST+8=DS=HGS=DS=GETF=5;
END GETF;
COMMENT START SETTING UP FILE PARAMETERS:
IF EXAMIN(RR11*GETF(3)*"Y08") #12 THEN RR1*5 ELSE
BEGIN RR1*5+RR2=150 END;
IF EXAMIN(RR11*5)*#12 THEN RR3*4 ELSE:
BEGIN RR3*2+RR4=150 END:
IF EXAMIN(RR11*10)*#12 THEN
BEGIN RR5*1=RR6*10+RR7*150 END ELSE
BEGIN RR5*1+RR6=561RR7=10 END;
IF EXAMIN(RR11*15)*#12 THEN
BEGIN RR8*10+RR9*150 ELSE
BEGIN RR8+561RR9=10 END;
BEGIN COMMENT MAIN BLOCK:

INTEGER OPTIONS; # USED FOR INDEXING INTO OPTIONS ARRAY;
BOOLEAN SETTINGS; # USED BY DOLLARCARD FOR AN OPTIONS SETTING.
INTEGER MDYNX, ANDVALUE, BASEHUN, TOTALAG.
DEFINE OPARSIZE = 200 *;
ARRAY OPTIONS(0:OPARSIZE-1):
BEGIN OPTIONWORD:

DEFINE CHECKBIT = 1#;
DEFUSE = 2#;
DEFUSE = 3#;
FORMATTED = 4#;
INTRIT = 5#;
2000 000 ERROR NUMBER
3000 000 ROUTINE: ERROR MESSAGE
4000 001 BEFORE BEGINNING OF ROUTINE, DECLARATION NOT FOLLOWED
5000 002 BY SEMICOLON.
6000 003 IDENTIFIER DECLARED TWICE IN SAME BLOCK.
7000 004 SPECIFICATION PART CONTAINS
8000 005 IDENTIFIER NOT APPEARING IN
9000 006 FORMAL PARAMETER PART.
10000 007 BLOCK: NON-IDENTIFIER APPEARS IN IDENTIFIER
11000 008 LIST OF DECLARATION.
12000 009 PROCEDUREDEC: STREAM PROCEDURE DECLARATION
13000 010 PRECEDED BY ILLEGAL DECLARATOR.
14000 011 PROCEDUREDEC: PROCEDURE DECLARATION PRECEDED
15000 012 BY ILLEGAL DECLARATOR.
16000 013 PROCEDUREDEC: IDENTIFIER USED BEFORE
17000 014 IN SAME BLOCK (NOT FORWARD),
18000 015 PROCEDUREDEC: IDENTIFIER NOT FOLLOWED
19000 016 BY ( OR SEMICOLON IN PROCEDURE
20000 017 DECLARATION.
21000 018 PROCEDUREDEC: FORMAL PARAMETER LIST NOT FOLLOWED
22000 019 BY }.
23000 020 PROCEDUREDEC: FORMAL PARAMETER PART NOT FOLLOWED
24000 021 BY SEMICOLON.
25000 022 PROCEDUREDEC: VALUE PART CONTAINS IDENTIFIER
26000 023 WHICH DID NOT APPEAR IN FORMAL
27000 024 PARAPART.
28000 025 PROCEDUREDEC: VALUE PART NOT ENDED BY SEMICOLON.
29000 026 PROCEDUREDEC: MISSING OR ILLEGAL SPECIFICATION
30000 027 PART.
31000 028 PROCEDUREDEC: OWN USED IN ARRAY SPECIFICATION.
32000 029 PROCEDUREDEC: SAVE USED IN ARRAY SPECIFICATION.
33000 030 BLOCK: DECLARATION PRECEDED BY ILLEGAL DECLARATOR.
34000 031 ARRAYDEC: ARRAY ID IN DECLARATION NOT FOLLOWED
35000 032 BY (.
36000 033 ARRAYDEC: LOWER BOUND IN ARRAY DEC NOT
37000 034 FOLLOWED BY :.
38000 035 ARRAYSPEC: BOUND PAIR LIST NOT FOLLOWED BY ).
39000 036 ILLEGAL LOWER BOUND DESIGNATOR IN
40000 037 ARRAY SPECIFICATION.
41000 038 BLOCK: OWN APPEARS IMMEDIATELY BEFORE
42000 039 IDENTIFIER (NO TYPE).
43000 040 BLOCK: SAVE APPEARS IMMEDIATELY BEFORE
44000 041 IDENTIFIER (NO TYPE).
45000 042 BLOCK: STREAM APPEARS IMMEDIATELY BEFORE
46000 043 IDENTIFIER (THE WORD PROCEDURE LEFT OUT).
47000 044 BLOCK: DECLARATOR PRECEDED ILLEGALLY BY
48000 045 ANOTHER DECLARATOR.
49000 046 PROCEDUREDEC: LABEL CANNOT BE PASSED TO FUNCTION.
50000 047 BLOCK: DECLARATOR OR SPECIFIER ILLEGALLY
51000 048 PRECEDED BY OWN OR SAVE OR SOME
52000 049 OTHER DECLARATOR.
53000 050 FILEDEC: MISSING ( IN FILE DEC.
FILEDEC: NO. OF BUFFERS IN FILE DEC MUST BE AN UNSIGNED INTEGER.

FILEDEC: ILLEGAL BUFFER PART OR SAVE FACTOR IN FILE DEC.

FILEDEC: MISSING () IN FILE DEC.

PROCEDUREDEC: PROCEDURE TYPE AT ACTUAL DECLARATION TIME DIFFERENT THAN AT FORWARD DEC.

LISTDEC: MISSING ( IN LISTDEC.

FORMATDEC: MISSING ( IN FORMAT DEC.

SWITCHDEC: SWITCH DEC DOES NOT HAVE * OR FORWARD AFTER IDENTIFIER.

SWITCHFILEDEC: MISSING * AFTER FILE.

SWITCHFILEDEC: NON FILE ID APPEARING IN DECLARATION OF SWITCHFILE.

SUPERFORMATDEC: FORMAT ID NOT FOLLOWED BY *.

SUPERFORMATDEC: MISSING ( AT START OF FORMATPHRASE.

SUPERFORMATDEC: FORMAT SEGMENT >1022 WORDS.

SEGMENT: SAVE CODE EXCEEDS 4000 WHICH KERNEL CAN H/L ANYWHERE: OUT OF RANGE OF C RELATIVE ADDRESSING FOR CONSTANT.

BLOCK: ILLEGAL F RELATIVE ADDRESS EXP IN DECLARATION.

ARRADEC: PROCEDURE WHOSE BODY NOT A BLOCK.

ARRADEC: CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC.

ARIADEC: FILL PART OF SAVE ARRAY DEC LONGER THAN SIZE.

ARRADEC: ILLEGAL DIMENSION INDICATOR IN ARRAY DEC.

SEGMENTSTART: SAVE STORAGE NOT ALLOWED WITH INTRINSIC OPTION.

IOSTM: ILLEGAL SPECIFIER IN SCOPE STM; MUST BE 215.

INLINE: EXTRA I IN STREAM HEAD.

ANYWHERE: UNDECLARED IDENTIFIER.

CHECKER: AN ATTEMPT HAS BEEN MADE TO ADDRESS AN IDENTIFIER WHICH IS LOCAL TO ONE PROCEDURE AND GLOBAL TO ANOTHER. IF THE QUANTITY IS A PROCEDURE NAME OR AN OWN-VARS THIS RESTRICTION IS RELAXED.

AEXP: CONDITIONAL EXPRESSION IS NOT OF ARITHMETIC TYPE.

PRIMARY: PRIMARY MAY NOT BEGIN WITH A QUANTITY OF THIS TYPE.

ANYWHERE: MISSING RIGHT PARENTHESIS.

ANYWHERE: MISSING LEFT PARENTHESIS.

PRIMARY: PRIMARY MAY NOT START WITH DECLARATOR.

REXP: THE EXPRESSION IS NOT OF BOOLEAN TYPE.

EXPRESS: A RELATION MAY NOT HAVE CONDITIONAL EXPRESSIONS AS THE ARITHMETIC EXPRESSIONS.

ROOSEC, SIMPBD, AND GOOCOMP: THE PRIMARY IS NOT BOOLEAN, ROOCOMP: A NON-BOOLEAN OPERATOR OCCURS IN A BOOLEAN EXPRESSION.

BOOTPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNATIONAL) MAY BEGIN WITH A QUANTITY OF THIS TYPE.

BOOTPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNATIONAL) MAY BEGIN WITH A DECLARATOR.

PRIMARY MAY BEGIN WITH A COMPANION OPERATOR IS INCORRECT.

DOSYNTAX: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A CONCATENATE OPERATOR IS INCORRECT.

PRIMARY MAY BEGIN WITH A QUANTITY OF THIS TYPE.

FOR A PARTIAL WORD DESIGNATOR IS INCORRECT.

DEXP: THE EXPRESSION IS NOT OF DESIGNATIONAL TYPE.

IFCLAUSE: MISSING THEN.

BANA: MISSING LEFT BRACKET.

BANA: MISSING RIGHT BRACKET.

BANA: MISSING SEMICOLON OR END.
COMPOUND TAIL: MISSING END.

ACTUALPARAPAR: AN INDEXED FILE MAY BE PASSED BY NAME.

ONLY AND ONLY TO A STREAM PROCEDURE - THE STREAM

PROCEDURE MAY NOT DO A RELEASE ON THIS TYPE PARA-

METER.

ACTUALPARAPAR: STREAM PROCEDURE MAY NOT HAVE AN

EXPRESSION PASSED TO IT BY NAME.

ACTUALPARAPAR: THE ACTUAL AND FORMAL PARAMETERS DO NOT

AGREE AS TO TYPE.

ACTUALPARAPAR: ACTUAL AND FORMAL ARRAYS DO NOT HAVE SAME

NUMBER OF DIMENSIONS.

ACTUALPARAPAR: STREAM PROCURES MAY NOT BE PASSED AS A

PARAMETER TO A PROCEDURE.

ACTUALPARAPAR: NO ACTUAL PARAMETER MAY BEGIN WITH A

QUANTITY OF THIS TYPE.

ACTUALPARAPAR: THIS TYPE QUANTITY MAY NOT BE PASSED TO A

STREAM PROCEDURE.

ACTUALPARAPAR: EITHER ACTUAL AND FORMAL PARAMETERS DO

NOT AGREE AS TO NUMBER, OR EXTRA RIGHT PARENTHESIS.

ACTUALPARAPAR: ILLEGAL PARAMETER DELIMITER.

RELEASEMT: NO FILE NAME.

DOSTM: MISSING UNTIL.

WHILESTMT: MISSING DO.

LABEL: MISSING COLON.

LABEL: THE LABEL WAS NOT DECLARED IN THIS BLOCK.

LABEL: THE LABEL HAS ALREADY OCCURRED.

FORMATPHRASE: IMPROPER FORMAT EDITING PHRASE.

FORMATPHRASE: A FORMAT EDITING PHRASE DOES NOT HAVE AN

INTEGER WHERE AN INTEGER IS REQUIRED.

FORMATPHRASE: THE WIDTH IS TOO SMALL IN E OR F EDITING

PHRASE.

TABLE: DEFINE IS NESTED MORE THAN EIGHT DEEP.

NEXTENT: AN INTEGER IN A FORMAT IS GREATER THAN 1023.

SCANNER: INTEGER OR IDENTIFIER HAS MORE THAN 63

CHARACTORS.

DEFINEGEN: A DEFINE CONTAINS MORE THAN 2047 CHARACTORS

(BLANK SUPPRESSED).

COMPOUND TAIL: EXTRA END.

STMT: NO STATEMENT MAY START WITH THIS TYPE IDENTIFIER.

STMT: NO STATEMENT MAY START WITH THIS TYPE QUANTITY.

STMT: NO STATEMENT MAY START WITH A DECLARATOR - MAY BE

A MISSING END OF A PROCEDURE OR A MISPLACED

DECLARATION.

SWITCHGEN: MORE THAN 256 EXPRESSIONS IN A SWITCH

DECLARATION.

GETSPACE: MORE THAN 1023 PROGRAM REFERENCE TABLE CELLS

ARE REQUIRED FOR THIS PROGRAM.

GETSPACE: MORE THAN 255 STACK CELLS ARE REQUIRED FOR THIS

PROCEDURE.

ACTUALPARAPAR: CONSTANTS MAY NOT BE PASSED BY NAME TO

STREAM PROCEDURES.

FORSTM: IMPROPER FOR INDEX VARIABLE.

FORSTM: MISSING LEFT ARROW FOLLOWING INDEX VARIABLE.

FORSTM: MISSING UNTIL ON WHILE IN STEP ELEMENT.

FORSTM: MISSING DO IN FOR CLAUSE.

IFEXP: MISSING ELSE

LISTELEMENT: A DESIGNATIONAL EXPRESSION MAY NOT BE A LIST
WRITESMT: IMPROPER FILE IDENTIFIER IN A WRITE STATEMENT.
WRITESMT: IMPROPER DELIMITER FOR FIRST PARAMETER IN A WRITE STATEMENT.
WRITESMT: MISSING RIGHT BRACKET IN CARRIAGE CONTROL PART OF A WRITE STATEMENT.
WRITESMT: ILLEGAL CARRIAGE CONTROL DELIMITER IN A WRITE STATEMENT.
WRITESMT: IMPROPER SECOND PARAMETER DELIMITER IN WRITE STATEMENT.
WRITESMT: IMPROPER ROW DESIGNATOR IN A WRITE STATEMENT.
WRITESMT: MISSING RIGHT PARENTHESIS AFTER A ROW DESIGNATOR IN A WRITE STATEMENT.
WRITESMT: IMPROPER DELIMITER PRECEDEING A LIST IN A WRITE STATEMENT.
WRITESMT: IMPROPER LIST DELIMITER IN A WRITE STATEMENT.
READSTM: IMPROPER LIST DELIMITER IN A READ STATEMENT.
LOCKSTM: MISSING LEFT PARENTHESIS IN A LOCK STATEMENT.
LOCKSTM: IMPROPER FILE PART IN A LOCK STATEMENT.
LOCKSTM: MISSING COMMA IN A LOCK STATEMENT.
LOCKSTM: IMPROPER UNIT DISPOSITION PART IN A LOCK STATEMENT.
LOCKSTM: MISSING RIGHT PARENTHESIS IN A LOCK STATEMENT.
CLOSESTM: MISSING LEFT PARENTHESIS IN A CLOSE STATEMENT.
CLOSESTM: IMPROPER FILE PART IN A CLOSE STATEMENT.
CLOSESTM: MISSING COMMA IN A CLOSE STATEMENT.
CLOSESTM: IMPROPER UNIT DISPOSITION PART IN A CLOSE STATEMENT.
CLOSESTM: MISSING RIGHT PARENTHESIS IN A CLOSE STATEMENT.
RNDSSTM: MISSING LEFT PARENTHESIS IN A REND STATEMENT.
RNDSSTM: IMPROPER FILE PART IN A REND STATEMENT.
RNDSSTM: MISSING RIGHT PARENTHESIS IN A REND STATEMENT.
BLOCKIA DUMP DECLARATION APPEARS IN THE SPECIFICATION PART OF A PROCEDURE.
INLNE: MISSING PARAMETER IDENTIFIER IN INLINE STREAM STATEMENT PARAMETER LIST.
TABLE: STRING LONGER THAN ONE WORD (48 BITS).
TABLE: STRING CONTAINS A NON-PERMISSIBLE CHARACTER.
DOLLARCARD: NUMBER EXPECTED.
DOLLARCARD: OPTION IDENTIFIER EXPECTED.
DOLLARCARD: TOO MANY USER-DEFINED OPTIONS.
DOLLARCARD: UNRECOGNIZED WORD OR CHARACTER.
DOLLARCARD: MISMATCHED PARENTHESIS.
DOLLARCARD: $ IN CARD COLUMN 1 FOR OMIT CARD.
REDA CARD: SEQUENCE ERROR.
REDA CARD: ERROR LIMIT HAS BEEN EXCEEDED.
ERROR MESSAGES

EXPLANATION OF ESPOL NUMBERED ERROR MESSAGES
PROCEDUREDEC: SAVE USED IN ARRAY SPECIFICATION.
31000 015
BLOCK: DECLARATION PRECEDED BY ILLEGAL DECLARATOR.
32000 016
ARRAYDEC: ARRAY ID IN DECLARATION NOT FOLLOWED
33000 BY ().
34000 017
ARRAYDEC: LOWER BOUND IN ARRAY DEC NOT
35000 FOLLOWED BY 1.
36000 018
ARRAYDEC: BOUND PAIR LIST NOT FOLLOWED BY 1.
37000 019
ARRAYSPEC: ILLEGAL LOWER BOUND DESIGNATOR IN
38000 ARRAY SPECIFICATION.
39000 020
BLOCK: OWN APPEARS IMMEDIATELY BEFORE
40000 IDENTIFIER(NOT TYPE).
41000 BLOCK: SAVE APPEARS IMMEDIATELY BEFORE
42000 IDENTIFIER(NOT TYPE).
43000 BLOCK: STREAM APPEARS IMMEDIATELY BEFORE
44000 IDENTIFIER(THAT WORD PROCEDURE LEFT
45000 OUT).
46000 BLOCK: DECLARATOR PRECEDED ILLEGALLY BY
47000 ANOTHER DECLARATOR.
48000 024
PROCEDUREDEC: LABEL CANNOT BE PASSED TO FUNCTION.
49000 025
BLOCK: DECLARATOR OR SPECIFIER ILLEGALLY
50000 PRECEDED BY OWN OR SAVE OR SOME
51000 OTHER DECLARATOR.
52000 026
FILEDEC: MISSING (IN FILE DEC.
53000 FILEDEC: NO. OF BUFFERS IN FILE DEC MUST BE
54000 027
FILEDEC: AN UNSIGNED INTEGER.
55000 FILEDEC: ILLEGAL BUFFER PART OR SAVE FACTOR
56000 IN FILE DEC.
57000 029
FILEDEC: MISSING ) IN FILE DEC.
58000 030
PROCEDUREDEC: PROCEDURE TYPE AT ACTUAL DECLARATION
59000 TIME DIFFERENT THAN AT FORWARD DEC.
60000 LISTDEC: MISSING ( IN LISTDEC.
61000 032
FORMATDEC: MISSING ( IN FORMAT DEC.
62000 033
SWITCHDEC: SWITCH DEC DOES NOT HAVE + OR
63000 FORWARD AFTER IDENTIFIER.
64000 034
SWITCHFILEDEC:MISSING + AFTER FILE.
65000 035
SWITCHFILEDEC:NON FILE ID APPEARING IN DECLARATION
66000 OF SWITCHFILE.
67000 036
SUPERFORMATDEC:FORMAT ID NOT FOLLOWED BY +.
68000 037
SUPERFORMATDEC:MISSING ( AT START OF FORMATPHRASE.
69000 038
SUPERFORMATDEC:FORMAT SEGMENT >1022 WORDS.
69100 040
SEGMENT: SAVE CODE EXCEEDS 4096 WHICH KERNEL CAN H/L
69200 050
ANYWHERE! OUT OF RANGE OF C RELATIVE ADDRESSING FOR CONSTANT
69300 051
BLOCK: ILLEGAL F RELATIVE ADDRESS EXP IN DECLARATION
69400 052
PROCEDURE WHOSE BODY NOT A BLOCK.
69500 053
ARRAYDEC: CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC
69510
ARRAYDEC: FILL PART OF SAVE ARRAY DEC LONGER THAN SIZE
69520
ARRAYDEC: ILLEGAL DIMENSION INDICATOR IN ARRAY DEC
69530
SEGMENT: STORAGE NOT ALLOWED WITH INTRINSIC OPTION
69540
SEGMENT: STORAGE NOT ALLOWED WITH INTRINSIC OPTION
69550
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69560
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69570
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69580
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69590
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69600
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69610
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69620
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69630
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69640
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69650
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69660
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69670
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69680
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69690
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69700
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69710
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69720
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69730
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69740
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69750
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69760
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69770
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69780
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69790
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69800
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69810
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69820
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69830
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69840
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
69850
IQSTM: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE 215,
TYPE.

ANYWHERE: MISSING RIGHT PARENTHESIS.

ANYWHERE: MISSING LEFT PARENTHESIS.

PRIMARY: PRIMARY MAY NOT START WITH DECLARATOR.

BEXP: THE EXPRESSION IS NOT OF BOOLEAN TYPE.

EXPR: A RELATION MAY NOT HAVE CONDITIONAL EXPRESSIONS.

AS THE ARITHMETIC EXPRESSIONS.

BOOSER, SIMBOO, AND BOOCOMP: THE PRIMARY IS NOT BOOLEAN.

BOOCOMP: A NON-BOOLEAN OPERATOR OCCURS IN A BOOLEAN EXPRESSION.

BOOPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNATIONAL) MAY BEGIN WITH A QUANTITY OF THIS TYPE.

BOOPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNATIONAL) MAY BEGIN WITH A DECLAERATOR.

PARSER: EITHER THE SYNTAX OR THE RANGE OF THE LITERAL FOR A CONCATENATE OPERATOR IS INCORRECT.

DOTSYNTAX: EITHER THE SYNTAX OR RANGE OF THE LITERAL FOR A PARTIAL WORD DESIGNATOR IS INCORRECT.

DEXP: THE EXPRESSION IS NOT OF DESIGNATIONAL TYPE.

IFCLAUSE: MISSING THEN.

IFCLAUSE: MISSING ELSE.

EXCEPT: MISSING LEFT BANKE.

EXCEPT: MISSING RIGHT BANKE.

COMPOUNDTAIL: MISSING SEMICOLON OR END.

COMPOUNDTAIL: MISSING END.

ACTUALPARAPART: AN INDEXED FILE MAY BE PASSED BY NAME OR NAME TO A STREAM PROCEDURE, THE STREAM PROCEDURE MAY NOT BE A RELEASE ON THIS TYPE PARAMETER.

ACTUALPARAPART: STREAM PROCEDURE MAY NOT HAVE AN EXPRESSION PASSED TO IT BY NAME.

ACTUALPARAPART: THE ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO TYPE.

ACTUALPARAPART: ACTUAL AND FORMAL ARRAYS DO NOT HAVE THE SAME NUMBER OF DIMENSIONS.

ACTUALPARAPART: STREAM PROCEDURES MAY NOT BE PASSED AS A PARAMETER TO A PROCEDURE.

ACTUALPARAPART: NO ACTUAL PARAMETER MAY BEGIN WITH A QUANTITY OF THIS TYPE.

ACTUALPARAPART: THIS TYPE QUANTITY MAY NOT BE PASSED TO A STREAM PROCEDURE.

ACTUALPARAPART: EITHER ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO NUMBER, OR EXTRA RIGHT PARENTHESIS.

ACTUALPARAPART: ILLEGAL PARAMETER DELIMITER.

RELEASEMT: NO FILE NAME.

DOSTM: MISSING UNTIL.

WHILEST: MISSING DO.

LABELI: MISSING COLON.

LABELI: THE LABEL WAS NOT DECLARED IN THIS BLOCK.

LABELI: THE LABEL HAS ALREADY OCCURED.

FORMATPHRASE: IMPROPER FORMAT EDITING PHRASE.

FORMATPHRASE: A FORMAT EDITING PHRASE DOES NOT HAVE AN INTEGER WHERE AN INTEGER IS REQUIRED.

FORMATPHRASE: THE WIDTH IS TOO SMALL IN 'E' OR 'F' EDITING PHRASE.

TABLE: DEFINE IS NESTED MORE THAN EIGHT DEEP.

NEXTENT: AN INTEGER IN A FORMAT IS GREATER THAN 1023.

SCANNER: INTEGER OR IDENTIFIER HAS MORE THAN 63
CHARACTERS.

DEFIENGENT A DEFINE CONTAINS MORE THAN 2047 CHARACTORS.

( BLANK SUPPRESSED).

COMPOUNDTAIL: EXTRA END.

STMT: NO STATEMENT MAY START WITH THIS TYPE IDENTIFIER.

STMT: NO STATEMENT MAY START WITH THIS TYPE QUANTITY.

STMT: NO STATEMENT MAY START WITH A DECLARATOR = MAY BE

A MISSING END OF A PROCEDURE OR A MISPACED

DECLARATION.

SWITCH: MORE THAN 256 EXPRESSIONS IN A SWITCH

DECLARATION.

GETSPACE: MORE THAN 1023 PROGRAM REFERENCE TABLE CELLS

ARE REQUIRED FOR THIS PROGRAM.

GETSPACE: MORE THAN 255 STACK CELLS ARE REQUIRED FOR THIS

PROCEDURE.

ACTUALPARAMETER CONSTANTS MAY NOT BE PASSED BY NAME TO

STREAM PROCEDURES.

FORSTMT: IMPROPER FOR INDEX VARIABLE.

FORSTMT: MISSING LEFT ARROW FOLLOWING INDEX VARIABLE.

FORSTMT: MISSING UNTIL OR WHILE IN STEP ELEMENT.

FORSTMT: MISSING DO IN FOR CLAUSE.

IFEXP: MISSING ELSE.

LISTELEMENT: A DESIGNATIONAL EXPRESSION MAY NOT BE A LIST

ELEMENT.

LISTELEMENT: A ROW DESIGNATOR MAY NOT BE A LISTELEMENT.

LISTELEMENT: MISSING RIGHT BRACKET IN GROUP OF ELEMENTS

PROCSTMT: ILLEGAL USE OF PROCEDURE OR FUNCTION IDENTIFIER

PURGE: DECLARED LABEL DOES NOT OCCUR.

PURGE: DECLARED FORWARD PROCEDURE DOES NOT OCCUR.

ZIPSTMT: MISSING COMMA IN ZIP STATEMENT

FORMAT: PHRASE THE WIDTH OF A FIELD IS MORE THAN 63.

EMIT: SEGMENT TOO LARGE (> 4093SYLLABLES).

SIMPLE VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-MOST

IN A LEFT PART LIST.

SIMPLE VARIABLE: MISSING -, OR +.

SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS IN A ROW

DESIGNATOR.

SUBSCRIPTED VARIABLE: MISSING 1 IN A ROW DESIGNATOR.

SUBSCRIPTED VARIABLE: A ROW DESIGNATOR APPEARS OUTSIDE OF

AN ACTUAL PARAMETER LIST OR_FILL STATEMENT.

SUBSCRIPTED VARIABLE: MISSING 1.

SUBSCRIPTED VARIABLE: MISSING 1.

SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS.

SUBSCRIPTED VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-

MOST IN A LEFT PART LIST.

SUBSCRIPTED VARIABLE: MISSING -, OR +.

VARIABLE: PROCEDURE ID USED OUTSIDE OF SCOPE IN LEFT PART.

STREAM STMT: ILLEGAL STREAM STATEMENT.

ANY STREAM STMT PROCEDURE: MISSING +.

INDEX: MISSING + OR -.

INDEX: MISSING NUMBER OR STREAM VARIABLE.

EMIT: NUMBER=63 OR NUMBER OF LABELS=LOCALS+FORMALS=63.

OUT: MISSING STRING IN DFS- LIT STATEMENT.

RELEASE: MISSING PARENTHESIS OR FILE IDENTIFIER IS NOT

A NORMAL PARAMETER.

GOTO, LABELS, OR JUMPS: LABEL SPECIFIED IS NOT ON THE SAME

NEST LEVEL AS A PRECEDING APPEARANCE OF THE
LABELS: MISSING.

LABELS: LABEL APPEARS MORE THAN ONCE.

GOTO: MISSING LABEL IN A GO TO OR DUMP OUT TO STATEMENT.

JUMP: MISSING OUT IN DUMP OUT STATEMENT.

NEST: MISSING PARENTHESIS.

IFS: MISSING SC IN IF STATEMENT.

IFS: MISSING RELATIONAL IN IF STATEMENT.

IFS: MISSING ALPHA-ID OR STRING IN IF STATEMENT.

IFS: MISSING THEN INIF STATEMENT.

FREDFIX: THERE ARE GO TO STATEMENTS IN WHICH THE LABEL IS UNDEFINED.

EMITC: A REPEAT INDEX 2 64 HAS SPECIFIED OR TOO MANY FORMAL PARAMETERS, LOCALS AND LABELS.

TABLE: A CONSTANT IS SPECIFIED WHICH IS TOO LARGE OR TOO SMALL.

DBLSTMT: MISSING ,.

DBLSTMT: TOO MANY OPERATORS.

DBLSTMT: TOO MANY OPERANDS.

DBLSTMT: MISSING ,.

DBLSTMT: MISSING )

FILLSTMT: THE IDENTIFIER FOLLOWING "FILL" IS NOT AN ARRAY IDENTIFIER.

FILLSTMT: MISSING "WITH" IN FILL STATEMENT.

FILLSTMT: IMPROPER FILL ELEMENT.

FILLSTMT: NON-DECIMAL CHARACTER IN OCTAL FILL.

FILLSTMT: IMPROPER ARRAY ROW DESIGNATOR IN FILL.

FILLSTMT: DATA IN FILL EXCEEDS 1023 WORDS.

FILLSTMT: QOD NUMBER OF PARENTHESES IN FILL.

MERRMAC: MISSING FILE ID IN MONITOR DEC.

MERRMAC: MISSING LEFT PARENTHESIS IN MONITOR DEC.

MERRMAC: IMPROPER SUBSCRIPT FOR MONITOR LIST ELEMENT.

MERRMAC: IMPROPER SUBSCRIPT EXPRESSION DELIMITER IN MONITOR LIST ELEMENT.

MERRMAC: IMPROPER NUMBER OF SUBSCRIPTS IN MONITOR LIST ELEMENT.

MERRMAC: LABEL OR SWITCH MONITORED AT IMPROPER LEVEL.

MERRMAC: IMPROPER MONITOR LIST ELEMENT.

MERRMAC: MISSING RIGHT PARENTHESIS IN MONITOR DECLARATION.

MERRMAC: IMPROPER MONITOR DECLARATION DELIMITER.

DMUP:MISSING FILE IDENTIFIER IN DUMP DECLARATION.

DMUP:MISSING LEFT PARENTHESIS IN DUMP DECLARATION.

DMUP:MISSING VARIABLE IN DUMP LIST HAS WRONG NUMBER OF SUBSCRIPTS.

DMUP:MISSING VARIABLE IN DUMP LIST HAS WRONG NUMBER OF SUBSCRIPTS.

DMUP:MISSING ARRAY DUMP LIST ELEMENT.

DMUP:ILLEGAL DUMP LIST ELEMENT.

DMUP:MORE THAN 100 LABELS APPEAR AS DUMP LIST ELEMENTS IN ONE DUMP DECLARATION.

DMUP:ILLEGAL DUMP LIST ELEMENT DELIMITER.

DMUP:MISSING DUMP LABEL IN DUMP DECLARATION.

DMUP:MISSING COLON IN DUMP DECLARATION.

DMUP:IMPROPER DUMP DECLARATION DELIMITER.

READSTMT:MISSING LEFT PARENTHESIS IN READ STATEMENT.

READSTMT:MISSING LEFT PARENTHESIS IN READ REVERSE STATEMENT.
BLOCKIA DUMP DECLARATION APPEARS IN THE SPECIFICATION PART
OF A PROCEDURE.

INLINE MISSING PARAMETER IDENTIFIER IN INLINE STREAM

STATEMENT PARAMETER LIST.
.1D: NEEDS DOUBLE PERIOD FOR PRTL IF PAST 512

TABLE: STRING LONGER THAN ONE WORD (48 BITS).

TABLE: STRING CONTAINS A NON-PERMISSIBLE CHARACTER.

DOLLARCARDI NUMBER EXPECTED.

DOLLARCARDI OPTION IDENTIFIER EXPECTED.

DOLLARCARDI TOO MANY USER-DEFINED OPTIONS.

DOLLARCARDI UNRECOGNIZED WORD OR CHARACTER.

DOLLARCARDI MISMATCHED PARENTHESES.

DOLLARCARDI $ IN COLUMN 1 FOR OMIT CARD

READACARDI SEQUENCE ERROR.

READACARDI ERROR LIMIT HAS BEEN EXCEEDED.

BEGIN COMMENT OUTERMOST BLOCK;

BEGIN COMMENT ERRORCOUNT COMMENT NUMBER OF ERROR MSGS, MCP WILL TYPE

BEGIN SYNTAX ERR AT EQJ IF THIS IS NON-ZERO, MUST BE R+25;

BEGIN INTEGER SAVETIME; COMMENT SAVE FACTOR FOR CODE FILE, GIVEN BY MCP.

BEGIN IF COMPIL & GO #0, FOR SYNTAX, =-1, MUST BE AT R+26;

BEGIN INTEGER CARNUMBER; SEQ # OF CARD BEING PROCESSED;

BEGIN INTEGER CARCOUNT; # NUMBER OF CARDS PROCESSED.

BEGIN BOOLEAN BUILDCARD;

BEGIN COMMENT RRI-RRI1 ARE USED IN SOME PROCEDURES IN

BEGIN PLACE OF LOCALS TO SAVE STACK SPACE;

BEGIN REAL RRI-RRI1, RRI8; RRI9; RRI10; RRI11;

BEGIN COMMENT SOME OF THE RRI ARE USED TO PASS FILE INFORMATION

BEGIN TO THE MAIN BLOCK;

BEGIN COMMENT EXAMIN RETURN CHARACTER AT ABSOLUTE ADDRESS NCR;

BEGIN REAL STREAM PROCEDURE EXAMIN(NCR) VALUE NCR;

BEGIN SI-NCR; DJ1=LOC EXAMIN; DJ1+7; DS-CHR END;

BEGIN INTEGER STREAM PROCEDURE GETF(Q) VALUE Q;

BEGIN SI-LOC GETF; SI-SI7; DJ1=LOC QSI+DI+5;

BEGIN SKIP 3 08; QI; IF SB THEN DS-SET ELSE DS-RESET; SKIP SB;)

BEGIN DI-LOC QSI+Q1+Q2+Q3;

BEGIN END GETF;

BEGIN COMMENT START SETTING UP FILE PARAMETERS;

BEGIN IF EXAMIN(RRI1+GETF(3))*"Y08"* #12 THEN RRI1+5 ELSE

BEGIN RRI1+2; RRI2+10; RRI END;

BEGIN IF EXAMIN(RRI1+5)* #12 THEN RRI3+4 ELSE

BEGIN RRI3+21; RRI4+150; RRI END;

BEGIN IF EXAMIN(RRI1+10)* #12 THEN

BEGIN RRI5+2; RRI6+10; RRI7+150; RRI END;

BEGIN RRI5+2; RRI6+150; RRI7+10; RRI END;

BEGIN IF EXAMIN(RRI1+15)* #12 THEN

BEGIN RRI8+10; RRI9+150; RRI END;

BEGIN RRI8+150; RRI9+10; RRI END;

BEGIN COMMENT MAIN BLOCK;

BEGIN OBJECT OPINDEX; % USED FOR INDEXING INTO OPTIONS ARRAY.

BEGIN OBJECT SETTING; % USED BY DOLLARCARD FOR AN OPTION'S SETTING.

BEGIN INTEGER NEWINDEX, ADDVALUE, BASENUM, TOTALNO;

BEGIN INTEGER QPARSIZE = 200; #

BEGIN ARRAY OPTIONS(Q10PAPSIZE);

BEGIN DEFINE CHECKBIT = 1#;

BEGIN DEFINE DEBUGBIT = 2#;

BEGIN