

FILE: SYMBOL/FSPOL TUESDAY 08/30/77 01:41 PM

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#####00001000
%
% R-5700 FSPOL COMPILER 00001010
% MARK XVI.0.00 00001020
% OCT 1, 1974 00001030
% 00001040
% 00001050
#####00001060
%

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COMMENT: * TITLE: R5500/R5700 MARK XVI SYSTEM RELEASE * 00001070
* FILE ID: SYMBOL/ESPOL TAPE ID: SYMBOL1/FILE000 * 00001072
* THIS MATERIAL IS PROPRIETARY TO BURROUGHS CORPORATION * 00001073
* AND IS NOT TO BE REPRODUCED, USED, OR DISCLOSED * 00001074
* EXCEPT IN ACCORDANCE WITH PROGRAM LICENSE OR UPON * 00001075
* WRITTEN AUTHORIZATION OF THE PATENT DIVISION OF * 00001076
* BURROUGHS CORPORATION, DETROIT, MICHIGAN 48232 * 00001077
* * 00001078
* * 00001079
* COPYRIGHT (C) 1971, 1972, 1974 * 00001080
* BURROUGHS CORPORATION * 00001081
* AA320206 AA393180 AA332366 *; 00001082

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COMMENT#####00001110
ERROR MESSAGES 00001120
#####00001130
%

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% 00001140
ERROR NUMBER ROUTINE:ERROR MESSAGE 00002000
000 BLOCK: DECLARATION NOT FOLLOWED BY SEMICOLON. 00003000
001 BLOCK: IDENTIFIER DECLARED TWICE IN SAME BLOCK. 00004000
002 PROCEDUREDEC: SPECIFICATION PART CONTAINS 00005000
IDENTIFIER NOT APPEARING IN
FORMAL PARAMETER PART. 00006000
003 BLOCK: NON-IDENTIFIER APPEARS IN IDENTIFIER 00008000
LIST OF DECLARATION. 00009000
004 PROCEDUREDEC: STREAM PROCEDURE DECLARATION 00010000
PRECEDED BY ILLEGAL DECLARATOR. 00011000
005 PROCEDUREDEC: PROCEDURE DECLARATION PRECEDED 00012000
BY ILLEGAL DECLARATOR. 00013000
006 PROCEDUREDEC: PROCEDURE IDENTIFIER USED BEFORE 00014000
IN SAME BLOCK(NOT FORWARD). 00015000
007 PROCEDUREDEC: PROCEDURE IDENTIFIER NOT FOLLOWED 00016000
BY ( OR SEMICOLON IN PROCEDURE 00017000
DECLARATION. 00018000
008 PROCEDUREDEC: FORMAL PARAMETER LIST NOT FOLLOWED 00019000
BY ). 00020000
009 PROCEDUREDEC: FORMAL PARAMETER PART NOT FOLLOWED 00021000
BY SEMICOLON. 00022000
010 PROCEDUREDEC: VALUE PART CONTAINS IDENTIFIER 00023000
WHICH DID NOT APPEAR IN FORMAL 00024000
PARAPART. 00025000
011 PROCEDUREDEC: VALUE PART NOT ENDED BY SEMICOLON. 00026000
012 PROCEDUREDEC: MISSING OR ILLEGAL SPECIFICATION 00027000
PART. 00028000
013 PROCEDUREDEC: OWN USED IN ARRAY SPECIFICATION. 00029000
014 PROCEDUREDEC: SAVE USED IN ARRAY SPECIFICATION. 00030000
015 BLOCK: DECLARATION PRECEDED BY ILLEGAL DECLARATOR. 00031000
016 ARRAYDEC: ARRAY ID IN DECLARATION NOT FOLLOWED 00032000

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017	ARRAYDEC:	BY [.	00033000
		LOWER BOUND IN ARRAY DEC NOT	00034000
		FOLLOWED BY :	00035000
018	ARRAYDEC:	BOUND PAIR LIST NOT FOLLOWED BY].	00036000
019	ARRAYSPEC:	ILLEGAL LOWER BOUND DESIGNATOR IN	00037000
		ARRAY SPECIFICATION.	00038000
020	BLOCK:	OWN APPEARS IMMEDIATELY BEFORE	00039000
		IDENTIFIER(NO TYPE).	00040000
021	BLOCK:	SAVE APPEARS IMMEDIATELY BEFORE	00041000
		IDENTIFIFR(NO TYPE).	00042000
022	BLOCK:	STREAM APPEARS IMMEDIATELY BEFORE	00043000
		IDENTIFIFR(THE WORD PROCEDURE LEFT	00044000
		OUT).	00045000
023	BLOCK:	DECLARATOR PRECEDED ILLEGALLY BY	00046000
		ANOTHER DECLARATOR.	00047000
024	PROCEDUREDEC:	LABEL CANNOT BE PASSED TO FUNCTION.	00048000
025	BLOCK:	DECLARATOR OR SPECIFIER ILLEGALLY	00049000
		PRECEDED BY OWN OR SAVE OR SOME	00050000
		OTHER DECLARATOR.	00051000
026	FILEDEC:	MISSING (IN FILE DEC.	00052000
027	FILEDEC:	NO. OF BUFFERS IN FILE DEC MUST BE	00053000
		AN UNSIGNED INTEGER.	00054000
028	FILEDEC:	ILLEGAL BUFFER PART OR SAVE FACTOR	00055000
		IN FILE DEC.	00056000
029	FILEDEC:	MISSING) IN FILE DEC.	00057000
030	PROCEDUREDEC:	PROCEDURE TYPE AT ACTUAL DECLARATION	00058000
		TIME DIFFERENT THAN AT FORWARD DEC.	00059000
031	LISTDEC:	MISSING (IN LISTDEC.	00060000
032	FORMATDEC:	MISSING (IN FORMAT DEC.	00061000
033	SWITCHDEC:	SWITCH DEC DOES NOT HAVE ← OR	00062000
		FORWARD AFTER IDENTIFIER.	00063000
034	SWITCHFILEDEC:	MISSING ← AFTER FILED.	00064000
035	SWITCHFILEDEC:	NON FILE ID APPEARING IN DECLARATION	00065000
		OF SWITCHFILE.	00066000
036	SUPERFORMATDEC:	FORMAT ID NOT FOLLOWED BY ← .	00067000
037	SUPERFORMATDEC:	MISSING (AT START OF FORMATPHRASE .	00068000
038	SUPERFORMATDEC:	FORMAT SEGMENT >1022 WORDS.	00069000
040	SEGMENT:	SAVE CODE EXCEEDS 4080 WHICH KERNAL CAN H/L	00069100
050	ANYWHERE:	OUT OF RANGE OF C RELATIVE ADDRESSING FOR CONSTANT	00069500
051	BLOCK :	ILLEGAL F RELATIVE ADDRESS EXP IN DECLARATION	00069510
052	BLOCK:	PROCEDURE WHOSE BODY NOT A BLOCK	00069520
053	ARRAYDEC:	CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC	00069530
054	ARRAYDEC:	FILL PART OF SAVE ARRAY DEC LONGER THAN SIZE	00069540
056	ARRAYDEC:	ILLEGAL DIMENSION INDICATOR IN ARRAY DEC	00069560
057	SEGMENTSTART:	SAVE STORAGE NOT ALLOWED WITH INTRINSIC OPTION	00069570
098	IOSTMT:	ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE ≥15.	00069980
099	INLINE:	EXTRA : IN STREAM HEAD.	00069990
100	ANYWHERE:	UNDECLARED IDENTIFIER.	00070000
101	CHECKER:	AN ATTEMPT HAS BEEN MADE TO ADDRESS AN	00071000
		IDENTIFIER WHICH IS LOCAL TO ONE PROCEDURE AND GLOBAL	00072000
		TO ANOTHER. IF THE QUANTITY IS A PROCEDURE NAME OR	00073000
		AN OWN VARIABLE THIS RESTRICTION IS RELAXED.	00074000
102	AFXP:	CONDITIONAL EXPRESSION IS NOT OF ARITHMETIC TYPEH	00075000
103	PRIMARY:	PRIMARY MAY NOT BEGIN WITH A QUANTITY OF THIS	00076000
		TYPE.	00077000
104	ANYWHERE:	MISSING RIGHT PARENTHESIS.	00078000
105	ANYWHERE:	MISSING LEFT PARENTHESIS.	00079000

106	PRIMARY: PRIMARY MAY NOT START WITH DECLARATOR.	00080000
107	BEXP: THE EXPRESSION IS NOT OF BOOLEAN TYPE.	00081000
108	EXPRS: A RELATION MAY NOT HAVE CONDITIONAL EXPRESSIONS AS THE ARITHMETIC EXPRESSIONS.	00082000 00083000
109	BOOSEFC, SIMPBOO, AND BOOCOMP: THE PRIMARY IS NOT BOOLEAN.	00084000
110	BOOCOMP: A NON-BOOLEAN OPERATOR OCCURS IN A BOOLEAN EXPRESSION.	00085000 00086000
111	BOOPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNA- TIONAL) MAY BEGIN WITH A QUANTITY OF THIS TYPE.	00087000 00088000
112	BOOPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNA- TIONAL) MAY BEGIN WITH A DECLARATOR.	00089000 00090000
113	PARSE: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A CONCATENATE OPERATOR IS INCORRECT.	00091000 00092000
114	DOTSNTAX: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A PARTIAL WORD DESIGNATOR IS INCORRECT.	00093000 00094000
115	DEXP: THE EXPRESSION IS NOT OF DESIGNATIONAL TYPE.	00095000
116	IFCLAUSE: MISSING THEN.	00096000
117	BANA: MISSING LEFT BRACKET.	00097000
118	BANA: MISSING RIGHT BRACKET.	00098000
119	COMPOUNDTAIL: MISSING SEMICOLON OR END.	00099000
120	COMPOUNDTAIL: MISSING END.	00100000
121	ACTUALPARAPART: 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.	00101000 00102000 00103000 00104000
122	ACTUALPARAPART: STREAM PROCEDURE MAY NOT HAVE AN EXPRESSION PASSED TO IT BY NAME.	00105000 00106000
123	ACTUALPARAPART: THE ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO TYPE.	00107000 00108000
124	ACTUALPARAPART: ACTUAL AND FORMAL ARRAYS DO NOT HAVE SAME NUMBER OF DIMENSIONS.	00109000 00110000
125	ACTUALPARAPART: STREAM PROCEDURES MAY NOT BE PASSED AS A PARAMETER TO A PROCEDURE.	00111000 00112000
126	ACTUALPARAPART: NO ACTUAL PARAMETER MAY BEGIN WITH A QUANTITY OF THIS TYPE.	00113000 00114000
127	ACTUALPARAPART: THIS TYPE QUANTITY MAY NOT BE PASSED TO A STREAM PROCEDURE.	00115000 00116000
128	ACTUALPARAPART: EITHER ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO NUMBER, OR EXTRA RIGHT PARENTHESIS.	00117000 00118000
129	ACTUALPARAPART: ILLEGAL PARAMETER DELIMITER.	00119000
130	RELSSTMT: NO FILE NAME.	00120000
131	DOSTMT: MISSING UNTIL.	00121000
132	WHILESTMT: MISSING DO.	00122000
133	LABELR: MISSING COLON.	00123000
134	LABELR: THE LABEL WAS NOT DECLARED IN THIS BLOCK.	00124000
135	LABELR: THE LABEL HAS ALREADY OCCURED.	00125000
136	FORMATPHRASE: IMPROPER FORMAT EDITING PHRASE.	00126000
137	FORMATPHRASE: A FORMAT EDITING PHRASE DOES NOT HAVE AN INTEGER WHERE AN INTEGER IS REQUIRED.	00127000 00128000
138	FORMATPHRASE: THE WIDTH IS TOO SMALL IN E OR F EDITING PHRASE.	00129000 00130000
139	TABLE: DEFINE IS NESTED MORE THAN EIGHT DEEP.	00131000
140	NEXTENT: AN INTEGER IN A FORMAT IS GREATER THAN 1023.	00132000
141	SCANNER: INTEGER OR IDENTIFIER HAS MORE THAN 63 CHARACTORS.	00133000 00134000
142	DEFINEGEN: A DEFINE CONTAINS MORE THAN 2047 CHARACTORS (BLANK SUPPRESSED).	00135000 00136000

143	COMPOUNDTAIL: EXTRA END.	00137000
144	STMT: NO STATEMENT MAY START WITH THIS TYPE IDENTIFIER.	00138000
145	STMT: NO STATEMENT MAY START WITH THIS TYPE QUANTITY.	00139000
146	STMT: NO STATEMENT MAY START WITH A DECLARATOR - MAY BE A MISSING END OF A PROCEDURE OR A MISPLACED DECLARATION.	00140000 00141000 00142000
147	SWITCHGFN: MORE THAN 256 EXPRESSIONS IN A SWITCH DECLARATION.	00143000 00144000
148	GETSPACE: MORE THAN 1023 PROGRAM REFERENCE TABLE CELLS ARE REQUIRED FOR THIS PROGRAM.	00145000 00146000
149	GETSPACE: MORE THAN 255 STACK CELLS ARE REQUIRED FOR THIS PROCEDURE.	00147000 00148000
150	ACTUAL,PARAPART: CONSTANTS MAY NOT BE PASSED BY NAME TO STREAM PROCEDURES.	00149000 00150000
151	FORSTMT: IMPROPER FOR INDEX VARIABLE.	00151000
152	FORSTMT: MISSING LEFT ARROW FOLLOWING INDEX VARIABLE.	00152000
153	FORSTMT: MISSING UNTIL OR WHILE IN STEP ELEMENT.	00153000
154	FORSTMT: MISSING DO IN FOR CLAUSE.	00154000
155	IFFXP: MISSING ELSE	00155000
156	LISTELEMENT: A DESIGNATIONAL EXPRESSION MAY NOT BE A LIST ELEMENT.	00156000 00157000
157	LISTELEMENT: A ROW DESIGNATOR MAY NOT BE A LISTELEMENT	00158000
158	LISTELEMENT: MISSING RIGHT BRACKET IN GROUP OF ELEMENTS	00159000
159	PROCSTMT: ILLEGAL USE OF PROCEDURE OR FUNCTION IDENTIFIER	00160000
160	PURGE: DECLARED LABEL DOES NOT OCCUR.	00161000
161	PURGE: DECLARED FORWARD PROCEDURE DOES NOT OCCUR.	00162000
163	ZIPSTMT: MISSING COMMA IN ZIP STATEMENT	00163000
163	FORMATPHRASE: THE WIDTH OF A FIELD IS MORE THAN 63.	00164000
200	FMIT: SEGMENT TOO LARGE (> 4093SYLLABLES).	00165000
201	SIMPLE VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-MOST IN A LEFT PART LIST.	00166000 00167000
202	SIMPLE VARIABLE: MISSING . OR < .	00168000
203	SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS IN A ROW DESIGNATOR.	00169000 00170000
204	SUBSCRIPTED VARIABLE: MISSING J IN A ROW DESIGNATOR.	00171000
205	SUBSCRIPTED VARIABLE: A ROW DESIGNATOR APPEARS OUTSIDE OF AN ACTUAL PARAMETER LIST OR FILL STATEMENT.	00172000 00173000
206	SUBSCRIPTED VARIABLE: MISSING J.	00174000
207	SUBSCRIPTED VARIABLE: MISSING I.	00175000
208	SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS.	00176000
209	SUBSCRIPTED VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT- MOST IN A LEFT PART LIST.	00177000 00178000
210	SUBSCRIPTED VARIABLE: MISSING . OR + :	00179000
211	VARIABLE: PROCEDURE ID USED OUTSIDE OF SCOPE IN LEFT PART.	00180000
250	STREAM STMT: ILLEGAL STREAM STATEMENT.	00181000
251	ANY STREAM STMT PROCEDURE: MISSING < .	00182000
252	INDEX: MISSING + OR - .	00183000
253	INDEX: MISSING NUMBER OR STREAM VARIABLE.	00184000
254	FMITC: NUMBER>63 OR NUMBER OF LABELS+LOCALS+FORMALS>63.	00185000
255	DSS: MISSING STRING IN DS+ LIT STATEMENT.	00186000
256	RELEASES: MISSING PARENTHESIS OR FILE IDENTIFIER IS NOT A FORMAL PARAMETER.	00187000 00188000
257	GOTOS, LABELS, OR JUMPS: LABEL SPECIFIED IS NOT ON THE SAME NEST LEVEL AS A PRECEDING APPEARANCE OF THE LABEL.	00189000 00190000 00191000
258	LABELS: MISSING :	00192000
259	LABELS: LABEL APPEARS MORE THAN ONCE.	00193000

260	GOTOS: MISSING LABEL IN A GO TO OR JUMP OUT TO STATEMENT.	00194000
261	JUMPS: MISSING OUT IN JUMP OUT STATEMENT.	00195000
262	NESTS: MISSING PARENTHESIS.	00196000
263	IFS:MISSING SC IN IF STATEMENT.	00197000
264	IFS: MISSING RELATIONAL IN IF STATEMENT.	00198000
265	IFS: MISSING ALPHA,DC OR STRING IN IF STATEMENT.	00199000
266	IFS: MISSING THEN IN IF STATEMENT.	00200000
267	FRDFIX: THERE ARE GO TO STATEMENTS IN WHICH THE LABEL IS UNDEFINED.	00201000 00202000
268	FMITC: A REPEAT INDEX \geq 64 WAS SPECIFIED OR TOO MANY FORMAL PARAMETERS,LOCALS AND LABELS.	00203000 00204000
269	TABLE: A CONSTANT IS SPECIFIED WHICH IS TOO LARGE OR TOO SMALL.	00205000 00206000
281	DBLSTMT: MISSING C.	00207000
282	DBLSTMT: TOO MANY OPERATORS.	00208000
283	DBLSTMT: TOO MANY OPERANDS.	00209000
284	DBLSTMT: MISSING , .	00210000
285	DBLSTMT: MISSING) .	00211000
300	FILLSTMT: THE IDENTIFIER FOLLOWING "FILL" IS NOT AN ARRAY IDENTIFIER.	00212000 00213000
301	FILLSTMT: MISSING "WITH" IN FILL STATEMENT.	00214000
302	FILLSTMT: IMPROPER FILL ELEMENT.	00215000
303	FILLSTMT: NON-OCTAL CHARACTER IN OCTAL FILL.	00216000
304	FILLSTMT: IMPROPER ARRAY ROW DESIGNATOR IN FILL.	00217000
305	FILLSTMT: DATA IN FILL EXCEEDS 1023 WORDS.	00218000
306	FILLSTMT: ODD NUMBER OF PARENTHESES IN FILL.	00218110
400	MERRIMAC:MISSING FILE ID IN MONITOR DEC.	00219000
401	MERRIMAC:MISSING LEFT PARENTHESIS IN MONITOR DEC.	00220000
402	MERRIMAC:IMPROPER SUBSCRIPT FOR MONITOR LIST ELEMENT.	00221000
403	MERRIMAC:IMPROPER SUBSCRIPT EXPRESSION DELIMITER IN MONITOR LIST ELEMENT.	00222000 00223000
404	MERRIMAC:IMPROPER NUMBER OF SUBSCRIPTS IN MONITOR LIST ELEMENT.	00224000 00225000
405	MERRIMAC:LABEL OR SWITCH MONITORED AT IMPROPER LEVEL.	00226000
406	MERRIMAC:IMPROPER MONITOR LIST ELEMENT.	00227000
407	MERRIMAC:MISSING RIGHT PARENTHESIS IN MONITOR DECLARATION.	00228000
408	MERRIMAC:IMPROPER MONITOR DECLARATION DELIMITER.	00229000
409	DMUP:MISSING FILE IDENTIFIER IN DUMP DECLARATION.	00230000
410	DMUP:MISSING LEFT PARENTHESIS IN DUMP DECLARATION.	00231000
411	DMUP:SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF SUBSCRIPTS.	00232000 00233000
412	DMUP:SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF SUBSCRIPTS.	00234000 00235000
413	DMUP:IMPROPER ARRAY DUMP LIST ELEMENT.	00236000
414	DMUP:ILLEGAL DUMP LIST ELEMENT.	00237000
415	DMUP:MORE THAN 100 LABELS APPEAR AS DUMP LIST ELEMENTS IN ONE DUMP DECLARATION.	00238000 00239000
416	DMUP:ILLEGAL DUMP LIST ELEMENT DELIMITER.	00240000
417	DMUP:MISSING DUMP LABEL IN DUMP DECLARATION.	00241000
418	DMUP:MISSING COLON IN DUMP DECLARATION.	00242000
419	DMUP:IMPROPER DUMP DECLARATION DELIMITER.	00243000
420	READSTMT:MISSING LEFT PARENTHESIS IN READ STATEMENT.	00244000
421	READSTMT:MISSING LEFT PARENTHESIS IN READ REVERSE STATEMENT.	00245000 00246000
422	READSTMT:MISSING FILE IN READ STATEMENT.	00247000
423	READSTMT:IMPROPER RELEASE INDICATOR.	00248000
424	READSTMT:IMPROPER FILE DELIMITER IN READ STATEMENT	00249000

425	READSTMT:IMPROPER FORMAT DELIMITER IN READ STATEMENT.	00250000
426	READSTMT:IMPROPER DELIMITER FOR SECOND PARAMETER IN READ STATEMENT.	00251000
427	READSTMT:IMPROPER ROW DESIGNATOR IN READ STATEMENT.	00252000
428	READSTMT:IMPROPER ROW DESIGNATOR DELIMITER IN READ STATEMENT.	00253000
429	READSTMT:MISSING ROW DESIGNATOR IN READ STATEMENT.	00254000
430	READSTMT:IMPROPER DELIMITER PRECEEDING THE LIST IN A READ STATEMENT.	00255000
431	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:IMPROPER END OF FILE LABEL IN READ OR SPACE STATEMENT.	00256000
432	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:IMPROPER PARITY LABEL IN READ OR SPACE STATEMENT.	00257000
433	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:MISSING RIGHT BRACKET IN READ OR SPACE STATEMENT.	00258000
434	SPACESTMT:MISSING LEFT PARENTHESIS IN SPACE STATEMENT.	00259000
435	SPACESTMT:IMPROPER FILE IDENTIFIER IN SPACE STATEMENT.	00260000
436	SPACESTMT:MISSING COMMA IN SPACE STATEMENT.	00261000
437	SPACESTMT:MISSING RIGHT PARENTHESIS IN SPACE STATEMENT.	00262000
438	WRITESTMT:MISSING LEFT PARENTHESIS IN A WRITE STATEMENT.	00263000
439	WRITESTMT:IMPROPER FILE IDENTIFIER IN A WRITE STATEMENT.	00264000
440	WRITESTMT:IMPROPER DELIMITER FOR FIRST PARAMETER IN A WRITE STATEMENT.	00265000
441	WRITESTMT:MISSING RIGHT BRACKET IN CARRIAGE CONTROL PART OF A WRITE STATEMENT.	00266000
442	WRITESTMT:ILLEGAL CARRIAGE CONTROL DELIMITER IN A WRITE STATEMENT.	00267000
443	WRITESTMT:IMPROPER SECOND PARAMETER DELIMITER IN WRITE STATEMENT.	00268000
444	WRITESTMT:IMPROPER ROW DESIGNATOR IN A WRITE STATEMENT.	00269000
445	WRITESTMT:MISSING RIGHT PARENTHESIS AFTER A ROW DESIGNATOR IN A WRITE STATEMENT.	00270000
446	WRITESTMT:MISSING ROW DESIGNATOR IN A WRITE STATEMENT.	00271000
447	WRITESTMT:IMPROPER DELIMITER PRECEEDING A LIST IN A WRITE STATEMENT.	00272000
448	WRITESTMT:IMPROPER LIST DELIMITER IN A WRITE STATEMENT.	00273000
449	READSMT:IMPROPER LIST DELIMITER IN A READ STATEMENT.	00274000
450	LOCKSTMT:MISSING LEFT PARENTHESIS IN A LOCK STATEMENT.	00275000
451	LOCKSTMT:IMPROPER FILE PART IN A LOCK STATEMENT.	00276000
452	LOCKSTMT:MISSING COMMA IN A LOCK STATEMENT.	00277000
453	LOCKSTMT:IMPROPER UNIT DISPOSITION PART IN A LOCK STATEMENT.	00278000
454	LOCKSTMT:MISSING RIGHT PARENTHESIS IN A LOCK STATEMENT.	00279000
455	CLOSESTMT:MISSING LEFT PARENTHESIS IN A CLOSE STATEMENT.	00280000
456	CLOSESTMT:IMPROPER FILE PART IN A CLOSE STATEMENT.	00281000
457	CLOSESTMT:MISSING COMMA IN A CLOSE STATEMENT.	00282000
458	CLOSESTMT:IMPROPER UNIT DISPOSITION PART IN A CLOSE STATEMENT.	00283000
459	CLOSESTMT:MISSING RIGHT PARENTHESIS IN A CLOSE STATEMENT.	00284000
460	RWNDSTMT:MISSING LEFT PARENTHESIS IN A REWIND STATEMENT.	00285000
461	RWNDSTMT:IMPROPER FILE PART IN A REWIND STATEMENT.	00286000
462	RWNDSTMT:MISSING RIGHT PARENTHESIS IN A REWIND STATEMENT.	00287000
463	BLOCK:A MONITOR DECLARATION APPEARS IN THE SPECIFICATION PART OF A PROCEDURE.	00288000
464	BLOCK:A DUMP DECLARATION APPEARS IN THE SPECIFICATION PART OF A PROCEDURE.	00289000
465	INLINE: MISSING PARAMETER IDENTIFIER IN INLINE STREAM	00290000
		00291000
		00292000
		00293000
		00294000
		00295000
		00296000
		00297000
		00298000
		00299000
		00300000
		00301000
		00302000
		00303000
		00304000
		00305000
		00305001

500	STATEMENT PARAMETER LIST.	00305002
	.ID: NEEDS DOUBLE PERIOD FOR PRTE IF PAST 512	00305100
520	TABLE: STRING LONGER THAN ONE WORD (48 BITS).	00306200
521	TABLE: STRING CONTAINS A NON-PERMISSIBLE CHARACTER.	00306300
600	DOLLARCARD: NUMBER EXPECTED.	00400000
601	DOLLARCARD: OPTION IDENTIFIER EXPECTED.	00401000
602	DOLLARCARD: TOO MANY USER-DEFINED OPTIONS.	00403000
603	DOLLARCARD: UNRECOGNIZED WORD OR CHARACTER.	00404000
604	DOLLARCARD: MISMATCHED PARENTHESES.	00405000
605	DOLLARCARD: \$ IN CARD COLUMN 1 FOR OMIT CARD	00406000
610	READACARD: SEQUENCE ERROR.	00410000
611	READACARD: ERROR LIMIT HAS BEEN EXCEEDED.	00411000
	;	00490000
	BEGIN COMMENT OUTERMOST BLOCK;	00500000
	INTEGER ERRORCOUNT; COMMENT NUMBER OF ERROR MSGS. MCP WILL TYPE	00501000
	SYNTAX ERR AT EOL IF THIS IS NON-ZERO. MUST BE @R+25;	00502000
	INTEGER SAVETIME; COMMENT SAVE-FACTOR FOR CODE FILE, GIVEN BY MCP.	00503000
	IF COMPILE & GO = 0, FOR SYNTAX, =-1. MUST BE AT R+26;	00504000
	INTEGER CARDNUMBER; % SEQ # OF CARD BEING PROCESSED.	00504100
	INTEGER CARDCOUNT; % NUMBER OF CARDS PROCESSED.	00504150
	BOOLEAN BUILDLINE;	00504700
	COMMENT RR1-RR11 ARE USED IN SOME PROCEDURES IN	00505000
	PLACE OF LOCALS TO SAVE STACK SPACE;	00506000
	REAL RR1,RR2,RR3,RR4,RR5,RR6,RR7,RR8,RR9,RR10,RR11;	00507000
	COMMENT SOME OF THE RR1 ARE USED TO PASS FILE INFORMATION	00508000
	TO THE MAIN BLOCK;	00509000
	COMMENT EXAMIN RETURNS THE CHARACTER AT ABSOLUTE ADDRESS NCR;	00510000
	REAL STREAM PROCEDURE EXAMIN(NCR); VALUE NCR;	00511000
	BEGIN SI←NCR;DI←LOC EXAMIN;DI←DI+7; DS←CHR END;	00512000
	INTEGER STREAM PROCEDURE GETF(Q); VALUE Q;	00523000
	BEGIN SI←LOC GETF; SI←SI-7;DI←LOC Q;DI←DI+5;	00524000
	SKIP 3 DB; 9(IF SB THEN DS←SET ELSE DS←RESET; SKIP SB);	00525000
	DI←LOC Q;SI←Q;DS←WDS;SI←Q;GETF←SI	00526000
	END GETF;	00527000
	COMMENT START SETTING UP FILE PARAMETERS;	00528000
	IF EXAMIN(RR11←GETF(3)+"Y08") #12 THEN RR1←5 ELSE	00529000
	BEGIN RR1←2;RR2←150 END;	00530000
	IF EXAMIN(RR11+5) #12 THEN RR3←4 ELSE	00531000
	BEGIN RR3←2; RR4←150 END;	00532000
	IF EXAMIN(RR11+10)=12 THEN	00533000
	BEGIN RR5←2;RR6←10;RR7←150 END ELSE	00534000
	BEGIN RR5←1;RR6←56;RR7←10 END;	00535000
	IF EXAMIN(RR11+15)=12 THEN	00536000
	BEGIN RR8←10;RR9←150 END ELSE	00537000
	BEGIN RR8←56;RR9←10 END;	00538000
	BEGIN COMMENT MAIN BLOCK;	01000000
	INTEGER OPINX; % USED FOR INDEXING INTO OPTIONS ARRAY.	01000800
	BOOLEAN SETTING; % USED BY DOLLARCARD FOR AN OPTION'S SETTING.	01000802
	INTEGER NFWINX, ADDVALUE, BASENUM, TOTALNO;	01000860
	DEFINE OPARSIZE = 200 #;	01000902
	ARRAY OPTIONSC0:OPARSIZE1;	01000904
	BOOLEAN OPTIONWORD;	01000910
	DEFINE CHECKBIT = 1#;	01000920
	DEBUGRIT = 2#;	01000930
	DFCKBIT = 3#;	01000940
	FORMATBIT = 4#;	01000950
	INTRIT = 5#;	01000960

2000	ERROR NUMBER	ROUTINE:ERROR MESSAGE
3000	000	BLOCK: DECLARATION NOT FOLLOWED BY SEMICOLON.
4000	001	BLOCK: IDENTIFIER DECLARED TWICE IN SAME BLOCK.
5000	002	PROCEDUREDEC: SPECIFICATION PART CONTAINS IDENTIFIER NOT APPEARING IN FORMAL PARAMETER PART.
6000		
7000		
8000	003	BLOCK: NON-IDENTIFIER APPEARS IN IDENTIFIER LIST OF DECLARATION.
9000		
10000	004	PROCEDUREDEC: STREAM PROCEDURE DECLARATION PRECEDED BY ILLEGAL DECLARATOR.
11000		
12000	005	PROCEDUREDEC: PROCEDURE DECLARATION PRECEDED BY ILLEGAL DECLARATOR.
13000		
14000	006	PROCEDUREDEC: PROCEDURE IDENTIFIER USED BEFORE IN SAME BLOCK(NOT FORWARD).
15000		
16000	007	PROCEDUREDEC: PROCEDURE IDENTIFIER NOT FOLLOWED BY (OR SEMICOLON IN PROCEDURE DECLARATION.
17000		
18000		
19000	008	PROCEDUREDEC: FORMAL PARAMETER LIST NOT FOLLOWED BY).
20000		
21000	009	PROCEDUREDEC: FORMAL PARAMETER PART NOT FOLLOWED BY SEMICOLON.
22000		
23000	010	PROCEDUREDEC: VALUE PART CONTAINS IDENTIFIER WHICH DID NOT APPEAR IN FORMAL PARAPART.
24000		
25000		
26000	011	PROCEDUREDEC: VALUE PART NOT ENDED BY SEMICOLON.
27000	012	PROCEDUREDEC: MISSING OR ILLEGAL SPECIFICATION PART.
28000		
29000	013	PROCEDUREDEC: OWN USED IN ARRAY SPECIFICATION.
30000	014	PROCEDUREDEC: SAVE USED IN ARRAY SPECIFICATION.
31000	015	BLOCK: DECLARATION PRECEDED BY ILLEGAL DECLARATOR.
32000	016	ARRAYDEC: ARRAY ID IN DECLARATION NOT FOLLOWED BY [.
33000		
34000	017	ARRAYDEC: LOWER BOUND IN ARRAY DEC NOT FOLLOWED BY : .
35000		
36000	018	ARRAYDEC: BOUND PAIR LIST NOT FOLLOWED BY].
37000	019	ARRAYSPEC: ILLEGAL LOWER BOUND DESIGNATOR IN ARRAY SPECIFICATION.
38000		
39000	020	BLOCK: OWN APPEARS IMMEDIATELY BEFORE IDENTIFIER(NO TYPE).
40000		
41000	021	BLOCK: SAVE APPEARS IMMEDIATELY BEFORE IDENTIFIER(NO TYPE).
42000		
43000	022	BLOCK: STREAM APPEARS IMMEDIATELY BEFORE IDENTIFIER(THE WORD PROCEDURE LEFT OUT).
44000		
45000		
46000	023	BLOCK: DECLARATOR PRECEDED ILLEGALLY BY ANOTHER DECLARATOR.
47000		
48000	024	PROCEDUREDEC: LABEL CANNOT BE PASSED TO FUNCTION.
49000	025	BLOCK: DECLARATOR OR SPECIFIER ILLEGALLY PRECEDED BY OWN OR SAVE OR SOME OTHER DECLARATOR.
50000		
51000		
52000	026	FILEDEC: MISSING (IN FILE DEC.

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 ESPOL
 NUMBERED
 ERROR
 MESSAGES

53000	027	FILEDEC:	NO. OF BUFFERS IN FILE DEC MUST BE AN UNSIGNED INTEGER.
54000			
55000	028	FILEDEC:	ILLEGAL BUFFER PART OR SAVE FACTOR IN FILE DEC.
56000			
57000	029	FILEDEC:	MISSING) IN FILE DEC.
58000	030	PROCEDUREDEC:	PROCEDURE TYPE AT ACTUAL DECLARATION TIME DIFFERENT THAN AT FORWARD DEC.
59000			
60000	031	LISTDEC:	MISSING (IN LISTDEC.
61000	032	FORMATDEC:	MISSING (IN FORMAT DEC.
62000	033	SWITCHDEC:	SWITCH DEC DOES NOT HAVE + OR FORWARD AFTER IDENTIFIER.
63000			
64000	034	SWITCHFILEDEC:	MISSING + AFTER FILED.
65000	035	SWITCHFILEDEC:	NON FILE ID APPEARING IN DECLARATION OF SWITCHFILE.
66000			
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 4080 WHICH KERNAL CAN H/L
69500	050	ANYWHERE:	OUT OF RANGE OF C RELATIVE ADDRESSING FOR CONSTANT
69510	051	BLOCK :	ILLEGAL F RELATIVE ADDRESS EXP IN DECLARATION
69520	052	BLOCK:	PROCEDURE WHOSE BODY NOT A BLOCK
69530	053	ARRAYDEC:	CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC
69540	054	ARRAYDEC:	FILL PART OF SAVE ARRAY DEC LONGER THAN SIZE
69560	056	ARRAYDEC:	ILLEGAL DIMENSION INDICATOR IN ARRAY DEC
69570	057	SEGMENTSTART:	SAVE STORAGE NOT ALLOWED WITH INTRINSIC OPTION
69980	098	IDSTMT:	ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE ≥15.
69990	099	INLINE:	EXTRA : IN STREAM HEAD.
70000	100	ANYWHERE:	UNDECLARED IDENTIFIER.
71000	101	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.
72000			
73000			
74000			
75000	102	AEXP:	CONDITIONAL EXPRESSION IS NOT OF ARITHMETIC TYPEH
76000	103	PRIMARY:	PRIMARY MAY NOT BEGIN WITH A QUANTITY OF THIS TYPE.
77000			
78000	104	ANYWHERE:	MISSING RIGHT PARENTHESIS.
79000	105	ANYWHERE:	MISSING LEFT PARENTHESIS.
80000	106	PRIMARY:	PRIMARY MAY NOT START WITH DECLARATOR.
81000	107	REXP:	THE EXPRESSION IS NOT OF BOOLEAN TYPE.
82000	108	EXPRSS:	A RELATION MAY NOT HAVE CONDITIONAL EXPRESSIONS AS THE ARITHMETIC EXPRESSIONS.
83000			
84000	109	BOOSEC,SIMPBOO, AND BOOCOMP:	THE PRIMARY IS NOT BOOLEAN.
85000	110	BOOCOMP:	A NON-BOOLEAN OPERATOR OCCURS IN A BOOLEAN EXPRESSION.
86000			
87000	111	BOOPRIM:	NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNATIONAL) MAY BEGIN WITH A QUANTITY OF THIS TYPE.
88000			
89000	112	BOOPRIM:	NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNATIONAL) MAY BEGIN WITH A DECLARATOR.
90000			
91000	113	PARSE:	EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A CONCATENATE OPERATOR IS INCORRECT.
92000			
93000	114	DOTSYNTAX:	EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A PARTIAL WORD DESIGNATOR IS INCORRECT.
94000			
95000	115	DEXP:	THE EXPRESSION IS NOT OF DESIGNATIONAL TYPE.
96000	116	IFCLAUSE:	MISSING THEN.
97000	117	BANA:	MISSING LEFT BRACKET.
98000	118	BANA:	MISSING RIGHT BRACKET.
99000	119	COMPOUNDTAIL:	MISSING SEMICOLON OR END.

100000	120	COMPOUNDTAIL: MISSING END.
101000	121	ACTUALPARAPART: 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.
102000		
103000		
104000		
105000	122	ACTUALPARAPART: STREAM PROCEDURE MAY NOT HAVE AN EXPRESSION PASSED TO IT BY NAME.
106000		
107000	123	ACTUALPARAPART: THE ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO TYPE.
108000		
109000	124	ACTUALPARAPART: ACTUAL AND FORMAL ARRAYS DO NOT HAVE SAME NUMBER OF DIMENSIONS.
110000		
111000	125	ACTUALPARAPART: STREAM PROCEDURES MAY NOT BE PASSED AS A PARAMETER TO A PROCEDURE.
112000		
113000	126	ACTUALPARAPART: NO ACTUAL PARAMETER MAY BEGIN WITH A QUANTITY OF THIS TYPE.
114000		
115000	127	ACTUALPARAPART: THIS TYPE QUANTITY MAY NOT BE PASSED TO A STREAM PROCEDURE.
116000		
117000	128	ACTUALPARAPART: EITHER ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO NUMBER, OR EXTRA RIGHT PARENTHESIS.
118000		
119000	129	ACTUALPARAPART: ILLEGAL PARAMETER DELIMITER.
120000	130	RELSESTMT: NO FILE NAME.
121000	131	DOSTMT: MISSING UNTIL.
122000	132	WHILESTMT: MISSING DO.
123000	133	LABELR: MISSING C OLON.
124000	134	LABELR: THE LABEL WAS NOT DECLARED IN THIS BLOCK.
125000	135	LABELR: THE LABEL HAS ALREADY OCCURED.
126000	136	FORMATPHRASE: IMPROPER FORMAT EDITING PHRASE.
127000	137	FORMATPHRASE: A FORMAT EDITING PHRASE DOES NOT HAVE AN INTEGER WHERE AN INTEGER IS REQUIRED.
128000		
129000	138	FORMATPHRASE: THE WIDTH IS TOO SMALL IN E OR F EDITING PHRASE.
130000		
131000	139	TABLE: DEFINE IS NESTED MORE THAN EIGHT DEEP.
132000	140	NEXTENT: AN INTEGER IN A FORMAT IS GREATER THAN 1023.
133000	141	SCANNER: INTEGER OR IDENTIFIER HAS MORE THAN 63 CHARACTORS.
134000		
135000	142	DEFINEGEN: A DEFINE CONTAINS MORE THAN 2047 CHARACTORS (BLANK SUPPRESSED).
136000		
137000	143	COMPOUNDTAIL: EXTRA END.
138000	144	STMT: NO STATEMENT MAY START WITH THIS TYPE IDENTIFIER.
139000	145	STMT: NO STATEMENT MAY START WITH THIS TYPE QUANTITY.
140000	146	STMT: NO STATEMENT MAY START WITH A DECLARATOR - MAY BE A MISSING END OF A PROCEDURE OR A MISPLACED DECLARATION.
141000		
142000		
143000	147	SWITCHGEN: MORE THAN 256 EXPRESSIONS IN A SWITCH DECLARATION.
144000		
145000	148	GETSPACE: MORE THAN 1023 PROGRAM REFERENCE TABLE CELLS ARE REQUIRED FOR THIS PROGRAM.
146000		
147000	149	GETSPACE: MORE THAN 255 STACK CELLS ARE REQUIRED FOR THIS PROCEDURE.
148000		
149000	150	ACTUALPARAPART: CONSTANTS MAY NOT BE PASSED BY NAME TO STREAM PROCEDURES.
150000		
151000	151	FORSTMT: IMPROPER FOR INDEX VARIABLE.
152000	152	FORSTMT: MISSING LEFT ARROW FOLLOWING INDEX VARIABLE.
153000	153	FORSTMT: MISSING UNTIL OR WHILE IN STEP ELEMENT.
154000	154	FORSTMT: MISSING DO IN FOR CLAUSE.
155000	155	IFEXP: MISSING ELSE
156000	156	LISTELEMENT: A DESIGNATIONAL EXPRESSION MAY NOT BE A LIST

157000		ELEMENT.
158000	157	LISTELEMNT: A ROW DESIGNATOR MAY NOT BE A LISTELEMNT
159000	158	LISTELEMNT: MISSING RIGHT BRACKET IN GROUP OF ELEMENTS
160000	159	PROCSTMT: ILLEGAL USE OF PROCEDURE OR FUNCTION IDENTIFIER
161000	160	PURGE: DECLARED LABEL DOES NOT OCCUR.
162000	161	PURGE: DECLARED FORWARD PROCEDURE DOES NOT OCCUR.
163000	163	ZIPSTMT: MISSING COMMA IN ZIP STATEMENT
164000	163	FORMATPHRASE: THE WIDTH OF A FIELD IS MORE THAN 63.
165000	200	EMIT: SEGMENT TOO LARGE (> 4093SYLLABLES).
166000	201	SIMPLE VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-MOST
167000		IN A LEFT PART LIST.
168000	202	SIMPLE VARIABLE: MISSING . OR + .
169000	203	SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS IN A ROW
170000		DESIGNATOR.
171000	204	SUBSCRIPTED VARIABLE: MISSING] IN A ROW DESIGNATOR.
172000	205	SUBSCRIPTED VARIABLE: A ROW DESIGNATOR APPEARS OUTSIDE OF
173000		AN ACTUAL PARAMETER LIST OR FILL STATEMENT.
174000	206	SUBSCRIPTED VARIABLE: MISSING].
175000	207	SUBSCRIPTED VARIABLE: MISSING [.
176000	208	SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS.
177000	209	SUBSCRIPTED VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-
178000		MOST IN A LEFT PART LIST.
179000	210	SUBSCRIPTED VARIABLE: MISSING . OR + .
180000	211	VARIABLE: PROCEDURE ID USED OUTSIDE OF SCOPE IN LEFT PART.
181000	250	STREAM STMT:ILLEGAL STREAM STATEMENT.
182000	251	ANY STREAM STMT PROCEDURE: MISSING +.
183000	252	INDEX: MISSING + OR - .
184000	253	INDEX: MISSING NUMBER OR STREAM VARIABLE.
185000	254	EMITC: NUMBER>63 OR NUMBER OF LABELS+LOCALS+FORMALS>63.
186000	255	DSS: MISSING STRING IN DS+ LIT STATEMENT.
187000	256	RELEASES: MISSING PARENTHESIS OR FILE IDENTIFIER IS NOT
188000		A FORMAL PARAMETER.
189000	257	GOTOS,LABELS,OR JUMPS: LABEL SPECIFIED IS NOT ON THE SAME
190000		NEST LEVEL AS A PRECEDING APPEARANCE OF THE
191000		LABEL.
192000	258	LABELS: MISSING :.
193000	259	LABELS: LABEL APPEARS MORE THAN ONCE.
194000	260	GOTOS: MISSING LABEL IN A GO TO OR JUMP OUT TO STATEMENT.
195000	261	JUMPS: MISSING OUT IN JUMP OUT STATEMENT.
196000	262	NESTS: MISSING PARENTHESIS.
197000	263	IFS:MISSING SC IN IF STATEMENT.
198000	264	IFS: MISSING RELATIONAL IN IF STATEMENT.
199000	265	IFS: MISSING ALPHA,DC OR STRING IN IF STATEMENT.
200000	266	IFS: MISSING THEN INIF STATEMENT.
201000	267	FREDFIX: THERE ARE GO TO STATEMENTS IN WHICH THE LABEL IS
202000		UNDEFINED.
203000	268	EMITC: A REPEAT INDEX ≥ 64 WAS SPECIFIED OR TOO MANY
204000		FORMAL PARAMETERS,LOCALS AND LABELS.
205000	269	TABLE: A CONSTANT IS SPECIFIED WHICH IS TOO LARGE
206000		OR TOO SMALL.
207000	281	DBLSTMT: MISSING (.
208000	282	DBLSTMT: TOO MANY OPERATORS.
209000	283	DBLSTMT: TOO MANY OPERANDS.
210000	284	DBLSTMT: MISSING , .
211000	285	DBLSTMT: MISSING) .
212000	300	FILLSTMT: THE IDENTIFIER FOLLOWING "FILL" IS NOT
213000		AN ARRAY IDENTIFIER.

214000	301	FILLSTMT: MISSING "WITH" IN FILL STATEMENT.
215000	302	FILLSTMT: IMPROPER FILL ELEMENT.
216000	303	FILLSTMT: NON-OCTAL CHARACTER IN OCTAL FILL.
217000	304	FILLSTMT: IMPROPER ARRAY ROW DESIGNATOR IN FILL.
218000	305	FILLSTMT: DATA IN FILL EXCEEDS 1023 WORDS.
218110	306	FILLSTMT: ODD NUMBER OF PARENTHESES IN FILL.
219000	400	MERRIMAC:MISSING FILE ID IN MONITOR DEC.
220000	401	MERRIMAC:MISSING LEFT PARENTHESIS IN MONITOR DEC.
221000	402	MERRIMAC:IMPROPER SUBSCRIPT FOR MONITOR LIST ELEMENT.
222000	403	MERRIMAC:IMPROPER SUBSCRIPT EXPRESSION DELIMITER IN
223000		MONITOR LIST ELEMENT.
224000	404	MERRIMAC:IMPROPER NUMBER OF SUBSCRIPTS IN MONITOR LIST
225000		ELEMENT.
226000	405	MERRIMAC:LABEL OR SWITCH MONITORED AT IMPROPER LEVEL.
227000	406	MERRIMAC:IMPROPER MONITOR LIST ELEMENT.
228000	407	MERRIMAC:MISSING RIGHT PARENTHESIS IN MONITOR DECLARATION.
229000	408	MERRIMAC:IMPROPER MONITOR DECLARATION DELIMITER.
230000	409	DMUP:MISSING FILE IDENTIFIER IN DUMP DECLARATION.
231000	410	DMUP:MISSING LEFT PARENTHESIS IN DUMP DECLARATION.
232000	411	DMUP:SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF
233000		SUBSCRIPTS.
234000	412	DMUP:SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF
235000		SUBSCRIPTS.
236000	413	DMUP:IMPROPER ARRAY DUMP LIST ELEMENT.
237000	414	DMUP:ILLEGAL DUMP LIST ELEMENT.
238000	415	DMUP:MORE THAN 100 LABELS APPEAR AS DUMP LIST ELEMENTS
239000		IN ONE DUMP DECLARATION.
240000	416	DMUP:ILLEGAL DUMP LIST ELEMENT DELIMITER.
241000	417	DMUP:MISSING DUMP LABEL IN DUMP DECLARATION.
242000	418	DMUP:MISSING COLON IN DUMP DECLARATION.
243000	419	DMUP:IMPROPER DUMP DECLARATION DELIMITER.
244000	420	READSTMT:MISSING LEFT PARENTHESIS IN READ STATEMENT.
245000	421	READSTMT:MISSING LEFT PARENTHESIS IN READ REVERSE
246000		STATEMENT.
247000	422	READSTMT:MISSING FILE IN READ STATEMENT.
248000	423	READSTMT:IMPROPER RELEASE INDICATOR.
249000	424	READSTMT:IMPROPER FILE DELIMITER IN READ STATEMENT
250000	425	READSTMT:IMPROPER FORMAT DELIMITER IN READ STATEMENT.
251000	426	READSTMT:IMPROPER DELIMITER FOR SECOND PARAMETER IN READ
252000		STATEMENT.
253000	427	READSTMT:IMPROPER ROW DESIGNATOR IN READ STATEMENT.
254000	428	READSTMT:IMPROPER ROW DESIGNATOR DELIMITER IN READ
255000		STATEMENT.
256000	429	READSTMT:MISSING ROW DESIGNATOR IN READ STATEMENT.
257000	430	READSTMT:IMPROPER DELIMITER PRECEEDING THE LIST IN A READ
258000		STATEMENT.
259000	431	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:IMPROPER END OF
260000		FILE LABEL IN READ OR SPACE STATEMENT.
261000	432	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:IMPROPER PARITY
262000		LABEL IN READ OR SPACE STATEMENT.
263000	433	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:MISSING RIGHT
264000		BRACKET IN READ OR SPACE STATEMENT.
265000	434	SPACESTMT:MISSING LEFT PARENTHESIS IN SPACE STATEMENT.
266000	435	SPACESTMT:IMPROPER FILE IDENTIFIER IN SPACE STATEMENT.
267000	436	SPACESTMT:MISSING COMMA IN SPACE STATEMENT.
268000	437	SPACESTMT:MISSING RIGHT PARENTHESIS IN SPACE STATEMENT.
269000	438	WRITESTMT:MISSING LEFT PARENTHESIS IN A WRITE STATEMENT.

270000	439	WRITESTMT:IMPROPER FILE IDENTIFIER IN A WRITE STATEMENT.
271000	440	WRITESTMT:IMPROPER DELIMITER FOR FIRST PARAMETER IN A
272000		WRITE STATEMENT.
273000	441	WRITESTMT:MISSING RIGHT BRACKET IN CARRIAGE CONTROL PART
274000		OF A WRITE STATEMENT.
275000	442	WRITESTMT:ILLEGAL CARRIAGE CONTROL DELIMITER IN A WRITE
276000		STATEMENT.
277000	443	WRITESTMT:IMPROPER SECOND PARAMETER DELIMITER IN WRITE
278000		STATEMENT.
279000	444	WRITESTMT:IMPROPER ROW DESIGNATOR IN A WRITE STATEMENT.
280000	445	WRITESTMT:MISSING RIGHT PARENTHESIS AFTER A ROW DESIGNATOR
281000		IN A WRITE STATEMENT.
282000	446	WRITESTMT:MISSING ROW DESIGNATOR IN A WRITE STATEMENT.
283000	447	WRITESTMT:IMPROPER DELIMITER PRECEEDING A LIST IN A WRITE
284000		STATEMENT.
285000	448	WRITESTMT:IMPROPER LIST DELIMITER IN A WRITE STATEMENT.
286000	449	READSTMT:IMPROPER LIST DELIMITER IN A READ STATEMENT.
287000	450	LOCKSTMT:MISSING LEFT PARENTHESIS IN A LOCK STATEMENT.
288000	451	LOCKSTMT:IMPROPER FILE PART IN A LOCK STATEMENT.
289000	452	LOCKSTMT:MISSING COMMA IN A LOCK STATEMENT.
290000	453	LOCKSTMT:IMPROPER UNIT DISPOSITION PART IN A LOCK
291000		STATEMENT.
292000	454	LOCKSTMT:MISSING RIGHT PARENTHESIS IN A LOCK STATEMENT.
293000	455	CLOSESTMT:MISSING LEFT PARENTHESIS IN A CLOSE STATEMENT.
294000	456	CLOSESTMT:IMPROPER FILE PART IN A CLOSE STATEMENT.
295000	457	CLOSESTMT:MISSING COMMA IN A CLOSE STATEMENT.
296000	458	CLOSESTMT:IMPROPER UNIT DISPOSITION PART IN A CLOSE
297000		STATEMENT.
298000	459	CLOSESTMT:MISSING RIGHT PARENTHESIS IN A CLOSE STATEMENT.
299000	460	RWNDSTMT:MISSING LEFT PARENTHESIS IN A REWIND STATEMENT.
300000	461	RWNDSTMT:IMPROPER FILE PART IN A REWIND STATEMENT.
301000	462	RWNDSTMT:MISSING RIGHT PARENTHESIS IN A REWIND STATEMENT.
302000	463	BLOCK:A MONITOR DECLARATION APPEARS IN THE SPECIFICATION
303000		PART OF A PROCEDURE.
304000	464	BLOCK:A DUMP DECLARATION APPEARS IN THE SPECIFICATION PART
305000		OF A PROCEDURE.
305001	465	INLINE: MISSING PARAMETER IDENTIFIER IN INLINE STREAM
305002		STATEMENT PARAMETER LIST.
305100	500	.ID: NEEDS DOUBLE PERIOD FOR PRTE IF PAST 512
306200	520	TABLE: STRING LONGER THAN ONE WORD (48 BITS).
306300	521	TABLE: STRING CONTAINS A NON-PERMISSIBLE CHARACTER.
400000	600	DOLLARCARD: NUMBER EXPECTED.
401000	601	DOLLARCARD: OPTION IDENTIFIER EXPECTED.
403000	602	DOLLARCARD: TOO MANY USER-DEFINED OPTIONS.
404000	603	DOLLARCARD: UNRECOGNIZED WORD OR CHARACTER.
405000	604	DOLLARCARD: MISMATCHED PARENTHESES.
406000	605	DOLLARCARD: \$ IN CARD COLUMN 1 FOR OMIT CARD
410000	610	READACARD: SEQUENCE ERROR.
411000	611	READACARD: ERROR LIMIT HAS BEEN EXCEEDED.
490000	;	

LABEL 00000000LPAPRNT00176278?USER=B5700 ; EXECUTE COPY /B5700

COPY /B5700

DAN ROSS

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1000 %#####
1010 %
1020 %          B=5700 ESPOL COMPILER
1030 %          MARK XVI.0.00
1040 %          OCT 1, 1974
1050 %
1060 %#####
1070 %
1072 COMMENT: * TITLE: B5500/B5700 MARK XVI SYSTEM RELEASE *
1073 * FILE ID: SYMBOL/ESPOL TAPE ID: SYMBOL1/FILE000 *
1074 * THIS MATERIAL IS PROPRIETARY TO BURROUGHS CORPORATION *
1075 * AND IS NOT TO BE REPRODUCED, USED, OR DISCLOSED *
1076 * EXCEPT IN ACCORDANCE WITH PROGRAM LICENSE OR UPON *
1077 * WRITTEN AUTHORIZATION OF THE PATENT DIVISION OF *
1078 * BURROUGHS CORPORATION, DETROIT, MICHIGAN 48232 *
1079 * *
1080 * COPYRIGHT (C) 1971, 1972, 1974 *
1081 * BURROUGHS CORPORATION *
1082 * AA320206 AA393180 AA332366 *;
1110 COMMENT#####
1120 ERROR MESSAGES
1130 #####
1140 %
2000 ERROR NUMBER ROUTINE:ERROR MESSAGE
3000 000 BLOCK: DECLARATION NOT FOLLOWED BY SEMICOLON.
4000 001 BLOCK: IDENTIFIER DECLARED TWICE IN SAME BLOCK.
5000 002 PROCEDUREDEC: SPECIFICATION PART CONTAINS
6000 IDENTIFIER NOT APPEARING IN
7000 FORMAL PARAMETER PART.
8000 003 BLOCK: NON-IDENTIFIER APPEARS IN IDENTIFIER
9000 LIST OF DECLARATION.
10000 004 PROCEDUREDEC: STREAM PROCEDURE DECLARATION
11000 PRECEDED BY ILLEGAL DECLARATOR.
12000 005 PROCEDUREDEC: PROCEDURE DECLARATION PRECEDED
13000 BY ILLEGAL DECLARATOR.
14000 006 PROCEDUREDEC: PROCEDURE IDENTIFIER USED BEFORE
15000 IN SAME BLOCK(NOT FORWARD).
16000 007 PROCEDUREDEC: PROCEDURE IDENTIFIER NOT FOLLOWED
17000 BY ( OR SEMICOLON IN PROCEDURE
18000 DECLARATION.
19000 008 PROCEDUREDEC: FORMAL PARAMETER LIST NOT FOLLOWED
20000 BY ).
21000 009 PROCEDUREDEC: FORMAL PARAMETER PART NOT FOLLOWED
22000 BY SEMICOLON.
23000 010 PROCEDUREDEC: VALUE PART CONTAINS IDENTIFIER
24000 WHICH DID NOT APPEAR IN FORMAL
25000 PARAPART.
26000 011 PROCEDUREDEC: VALUE PART NOT ENDED BY SEMICOLON.
27000 012 PROCEDUREDEC: MISSING OR ILLEGAL SPECIFICATION
28000 PART.
29000 013 PROCEDUREDEC: OWN USED IN ARRAY SPECIFICATION.

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EXPLANATION OF ESPOL NUMBERED ERROR MESSAGES

Micro Business Forms, Inc. 1-121 811-C

30000 014 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 : .
36000 018 ARRAYDEC: BOUND PAIR LIST NOT FOLLOWED BY J.
37000 019 ARRAYSPEC: ILLEGAL LOWER BOUND DESIGNATOR IN
38000 ARRAY SPECIFICATION.
39000 020 BLOCK: OWN APPEARS IMMEDIATELY BEFORE
40000 IDENTIFIER(NO TYPE).
41000 021 BLOCK: SAVE APPEARS IMMEDIATELY BEFORE
42000 IDENTIFIER(NO TYPE).
43000 022 BLOCK: STREAM APPEARS IMMEDIATELY BEFORE
44000 IDENTIFIER(THE WORD PROCEDURE LEFT
45000 OUT).
46000 023 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 027 FILEDEC: NO. OF BUFFERS IN FILE DEC MUST BE
54000 AN UNSIGNED INTEGER.
55000 028 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 031 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 FILED.
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 4080 WHICH KERNAL CAN H/L
69500 050 ANYWHERE: OUT OF RANGE OF C RELATIVE ADDRESSING FOR CONSTANT
69510 051 BLOCK ; ILLEGAL F RELATIVE ADDRESS EXP IN DECLARATION
69520 052 BLOCK: PROCEDURE WHOSE BODY NOT A BLOCK
69530 053 ARRAYDEC: CANT FIND RIGHT BRACKET IN SAVE ARRAY DEC
69540 054 ARRAYDEC: FILL PART OF SAVE ARRAY DEC LONGER THAN SIZE
69560 056 ARRAYDEC: ILLEGAL DIMENSION INDICATOR IN ARRAY DEC
69570 057 SEGMENTSTART:SAVE STORAGE NOT ALLOWED WITH INTRINSIC OPTION
69980 098 IOSTMT: ILLEGAL SPECIFIER IN SCOPE STMT: MUST BE ≥15.
69990 099 INLINE: EXTRA : IN STREAM HEAD.
70000 100 ANYWHERE: UNDECLARED IDENTIFIER.
71000 101 CHECKER: AN ATTEMPT HAS BEEN MADE TO ADDRESS AN
72000 IDENTIFIER WHICH IS LOCAL TO ONE PROCEDURE AND GLOBAL
73000 TO ANOTHER. IF THE QUANTITY IS A PROCEDURE NAME OR
74000 AN OWN VARIABLE THIS RESTRICTION IS RELAXED.
75000 102 AEXP: CONDITIONAL EXPRESSION IS NOT OF ARITHMETIC TYPEH
76000 103 PRIMARY: PRIMARY MAY NOT BEGIN WITH A QUANTITY OF THIS

77000		TYPE.
78000	104	ANYWHERE: MISSING RIGHT PARENTHESIS.
79000	105	ANYWHERE: MISSING LEFT PARENTHESIS.
80000	106	PRIMARY: PRIMARY MAY NOT START WITH DECLARATOR.
81000	107	BEXP: THE EXPRESSION IS NOT OF BOOLEAN TYPE.
82000	108	EXPRS: A RELATION MAY NOT HAVE CONDITIONAL EXPRESSIONS AS THE ARITHMETIC EXPRESSIONS.
83000		
84000	109	BOOSEC, SIMPBOO, AND BOOCOMP: THE PRIMARY IS NOT BOOLEAN.
85000	110	BOOCOMP: A NON-BOOLEAN OPERATOR OCCURS IN A BOOLEAN EXPRESSION.
86000		
87000	111	BOOPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNA- TIONAL) MAY BEGIN WITH A QUANTITY OF THIS TYPE.
88000		
89000	112	BOOPRIM: NO EXPRESSION (ARITHMETIC, BOOLEAN, OR DESIGNA- TIONAL) MAY BEGIN WITH A DECLARATOR.
90000		
91000	113	PARSE: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A CONCATENATE OPERATOR IS INCORRECT.
92000		
93000	114	DOTSYNTAX: EITHER THE SYNTAX OR THE RANGE OF THE LITERALS FOR A PARTIAL WORD DESIGNATOR IS INCORRECT.
94000		
95000	115	DEXP: THE EXPRESSION IS NOT OF DESIGNATIONAL TYPE.
96000	116	IFCLAUSE: MISSING THEN.
97000	117	BANA: MISSING LEFT BRACKET.
98000	118	BANA: MISSING RIGHT BRACKET.
99000	119	COMPOUNDTAIL: MISSING SEMICOLON OR END.
100000	120	COMPOUNDTAIL: MISSING END.
101000	121	ACTUALPARAPART: 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.
102000		
103000		
104000		
105000	122	ACTUALPARAPART: STREAM PROCEDURE MAY NOT HAVE AN EXPRESSION PASSED TO IT BY NAME.
106000		
107000	123	ACTUALPARAPART: THE ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO TYPE.
108000		
109000	124	ACTUALPARAPART: ACTUAL AND FORMAL ARRAYS DO NOT HAVE SAME NUMBER OF DIMENSIONS.
110000		
111000	125	ACTUALPARAPART: STREAM PROCEDURES MAY NOT BE PASSED AS A PARAMETER TO A PROCEDURE.
112000		
113000	126	ACTUALPARAPART: NO ACTUAL PARAMETER MAY BEGIN WITH A QUANTITY OF THIS TYPE.
114000		
115000	127	ACTUALPARAPART: THIS TYPE QUANTITY MAY NOT BE PASSED TO A STREAM PROCEDURE.
116000		
117000	128	ACTUALPARAPART: EITHER ACTUAL AND FORMAL PARAMETERS DO NOT AGREE AS TO NUMBER, OR EXTRA RIGHT PARENTHESIS.
118000		
119000	129	ACTUALPARAPART: ILLEGAL PARAMETER DELIMITER.
120000	130	RELSESTMT: NO FILE NAME.
121000	131	DOSTMT: MISSING UNTIL.
122000	132	WHILESTMT: MISSING DO.
123000	133	LABELR: MISSING COLON.
124000	134	LABELR: THE LABEL WAS NOT DECLARED IN THIS BLOCK.
125000	135	LABELR: THE LABEL HAS ALREADY OCCURED.
126000	136	FORMATPHRASE: IMPROPER FORMAT EDITING PHRASE.
127000	137	FORMATPHRASE: A FORMAT EDITING PHRASE DOES NOT HAVE AN INTEGER WHERE AN INTEGER IS REQUIRED.
128000		
129000	138	FORMATPHRASE: THE WIDTH IS TOO SMALL IN E OR F EDITING PHRASE.
130000		
131000	139	TABLE: DEFINE IS NESTED MORE THAN EIGHT DEEP.
132000	140	NEXTENT: AN INTEGER IN A FORMAT IS GREATER THAN 1023.
133000	141	SCANNER: INTEGER OR IDENTIFIER HAS MORE THAN 63

134000		CHARACTORS.
135000	142	DEFINEGEN: A DEFINE CONTAINS MORE THAN 2047 CHARACTORS (BLANK SUPPRESSED).
136000		COMPOUNDTAIL: EXTRA END.
137000	143	STMT: NO STATEMENT MAY START WITH THIS TYPE IDENTIFIER.
138000	144	STMT: NO STATEMENT MAY START WITH THIS TYPE QUANTITY.
139000	145	STMT: NO STATEMENT MAY START WITH A DECLARATOR - MAY BE
140000	146	A MISSING END OF A PROCEDURE OR A MISPLACED
141000		DECLARATION.
142000		SWITCHGEN: MORE THAN 256 EXPRESSIONS IN A SWITCH
143000	147	DECLARATION.
144000		GETSPACE: MORE THAN 1023 PROGRAM REFERENCE TABLE CELLS
145000	148	ARE REQUIRED FOR THIS PROGRAM.
146000		GETSPACE: MORE THAN 255 STACK CELLS ARE REQUIRED FOR THIS
147000	149	PROCEDURE.
148000		ACTUALPARAPART: CONSTANTS MAY NOT BE PASSED BY NAME TO
149000	150	STREAM PROCEDURES.
150000		FORSTMT: IMPROPER FOR INDEX VARIABLE.
151000	151	FORSTMT: MISSING LEFT ARROW FOLLOWING INDEX VARIABLE.
152000	152	FORSTMT: MISSING UNTIL OR WHILE IN STEP ELEMENT.
153000	153	FORSTMT: MISSING DO IN FOR CLAUSE.
154000	154	IFEXP: MISSING ELSE
155000	155	LISTELEMENT: A DESIGNATIONAL EXPRESSION MAY NOT BE A LIST
156000	156	ELEMENT.
157000		LISTELEMENT: A ROW DESIGNATOR MAY NOT BE A LISTELEMENT
158000	157	LISTELEMENT: MISSING RIGHT BRACKET IN GROUP OF ELEMENTS
159000	158	PROCSTMT: ILLEGAL USE OF PROCEDURE OR FUNCTION IDENTIFIER
160000	159	PURGE: DECLARED LABEL DOES NOT OCCUR.
161000	160	PURGE: DECLARED FORWARD PROCEDURE DOES NOT OCCUR.
162000	161	ZIPSTMT: MISSING COMMA IN ZIP STATEMENT
163000	163	FORMATPHRASE: THE WIDTH OF A FIELD IS MORE THAN 63.
164000	163	EMIT: SEGMENT TOO LARGE (> 4093SYLLABLES).
165000	200	SIMPLE VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-MOST
166000	201	IN A LEFT PART LIST.
167000		SIMPLE VARIABLE: MISSING . OR + .
168000	202	SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS IN A ROW
169000	203	DESIGNATOR.
170000		SUBSCRIPTED VARIABLE: MISSING] IN A ROW DESIGNATOR.
171000	204	SUBSCRIPTED VARIABLE: A ROW DESIGNATOR APPEARS OUTSIDE OF
172000	205	AN ACTUAL PARAMETER LIST OR FILL STATEMENT.
173000		SUBSCRIPTED VARIABLE: MISSING].
174000	206	SUBSCRIPTED VARIABLE: MISSING [.
175000	207	SUBSCRIPTED VARIABLE: WRONG NUMBER OF SUBSCRIPTS.
176000	208	SUBSCRIPTED VARIABLE: PARTIAL WORD DESIGNATOR NOT LEFT-
177000	209	MOST IN A LEFT PART LIST.
178000		SUBSCRIPTED VARIABLE: MISSING . OR + .
179000	210	VARIABLE: PROCEDURE ID USED OUTSIDE OF SCOPE IN LEFT PART.
180000	211	STREAM STMT: ILLEGAL STREAM STATEMENT.
181000	250	ANY STREAM STMT PROCEDURE: MISSING +.
182000	251	INDEX: MISSING + OR - .
183000	252	INDEX: MISSING NUMBER OR STREAM VARIABLE.
184000	253	EMITC: NUMBER>63 OR NUMBER OF LABELS+LOCALS+FORMALS>63.
185000	254	DSS: MISSING STRING IN DS+ LIT STATEMENT.
186000	255	RELEASES: MISSING PARENTHESIS OR FILE IDENTIFIER IS NOT
187000	256	A FORMAL PARAMETER.
188000		GOTOS, LABELS, OR JUMPS: LABEL SPECIFIED IS NOT ON THE SAME
189000	257	NEST LEVEL AS A PRECEDING APPEARANCE OF THE
190000		

191000
192000 258
193000 259
194000 260
195000 261
196000 262
197000 263
198000 264
199000 265
200000 266
201000 267
202000
203000 268
204000
205000 269
206000
207000 281
208000 282
209000 283
210000 284
211000 285
212000 300
213000
214000 301
215000 302
216000 303
217000 304
218000 305
218110 306
219000 400
220000 401
221000 402
222000 403
223000
224000 404
225000
226000 405
227000 406
228000 407
229000 408
230000 409
231000 410
232000 411
233000
234000 412
235000
236000 413
237000 414
238000 415
239000
240000 416
241000 417
242000 418
243000 419
244000 420
245000 421
246000

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.
NESTS: MISSING PARENTHESIS.
IFS:MISSING SC IN IF STATEMENT.
IFS: MISSING RELATIONAL IN IF STATEMENT.
IFS: MISSING ALPHA,DC 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 ≥ 64 WAS 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-OCTAL CHARACTER IN OCTAL FILL.
FILLSTMT: IMPROPER ARRAY ROW DESIGNATOR IN FILL.
FILLSTMT: DATA IN FILL EXCEEDS 1023 WORDS.
FILLSTMT: ODD NUMBER OF PARENTHESSES IN FILL.
MERRIMAC:MISSING FILE ID IN MONITOR DEC.
MERRIMAC:MISSING LEFT PARENTHESIS IN MONITOR DEC.
MERRIMAC:IMPROPER SUBSCRIPT FOR MONITOR LIST ELEMENT.
MERRIMAC:IMPROPER SUBSCRIPT EXPRESSION DELIMITER IN
MONITOR LIST ELEMENT.
MERRIMAC:IMPROPER NUMBER OF SUBSCRIPTS IN MONITOR LIST
ELEMENT.
MERRIMAC:LABEL OR SWITCH MONITORED AT IMPROPER LEVEL.
MERRIMAC:IMPROPER MONITOR LIST ELEMENT.
MERRIMAC:MISSING RIGHT PARENTHESIS IN MONITOR DECLARATION.
MERRIMAC:IMPROPER MONITOR DECLARATION DELIMITER.
DMUP:MISSING FILE IDENTIFIER IN DUMP DECLARATION.
DMUP:MISSING LEFT PARENTHESIS IN DUMP DECLARATION.
DMUP:SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF
SUBSCRIPTS.
DMUP:SUBSCRIPTED VARIABLE IN DUMP LIST HAS WRONG NUMBER OF
SUBSCRIPTS.
DMUP:IMPROPER 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.

247000	422	READSTMT:MISSING FILE IN READ STATEMENT.
248000	423	READSTMT:IMPROPER RELEASE INDICATOR.
249000	424	READSTMT:IMPROPER FILE DELIMITER IN READ STATEMENT
250000	425	READSTMT:IMPROPER FORMAT DELIMITER IN READ STATEMENT.
251000	426	READSTMT:IMPROPER DELIMITER FOR SECOND PARAMETER IN READ
252000		STATEMENT.
253000	427	READSTMT:IMPROPER ROW DESIGNATOR IN READ STATEMENT.
254000	428	READSTMT:IMPROPER ROW DESIGNATOR DELIMITER IN READ
255000		STATEMENT.
256000	429	READSTMT:MISSING ROW DESIGNATOR IN READ STATEMENT.
257000	430	READSTMT:IMPROPER DELIMITER PRECEEDING THE LIST IN A READ
258000		STATEMENT.
259000	431	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:IMPROPER END OF
260000		FILE LABEL IN READ OR SPACE STATEMENT.
261000	432	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:IMPROPER PARITY
262000		LABEL IN READ OR SPACE STATEMENT.
263000	433	HANDLETHETAILENDOFAREADORSPEACESTATEMENT:MISSING RIGHT
264000		BRACKET IN READ OR SPACE STATEMENT.
265000	434	SPACESTMT:MISSING LEFT PARENTHESIS IN SPACE STATEMENT.
266000	435	SPACESTMT:IMPROPER FILE IDENTIFIER IN SPACE STATEMENT.
267000	436	SPACESTMT:MISSING COMMA IN SPACE STATEMENT.
268000	437	SPACESTMT:MISSING RIGHT PARENTHESIS IN SPACE STATEMENT.
269000	438	WRITESTMT:MISSING LEFT PARENTHESIS IN A WRITE STATEMENT.
270000	439	WRITESTMT:IMPROPER FILE IDENTIFIER IN A WRITE STATEMENT.
271000	440	WRITESTMT:IMPROPER DELIMITER FOR FIRST PARAMETER IN A
272000		WRITE STATEMENT.
273000	441	WRITESTMT:MISSING RIGHT BRACKET IN CARRIAGE CONTROL PART
274000		OF A WRITE STATEMENT.
275000	442	WRITESTMT:ILLEGAL CARRIAGE CONTROL DELIMITER IN A WRITE
276000		STATEMENT.
277000	443	WRITESTMT:IMPROPER SECOND PARAMETER DELIMITER IN WRITE
278000		STATEMENT.
279000	444	WRITESTMT:IMPROPER ROW DESIGNATOR IN A WRITE STATEMENT.
280000	445	WRITESTMT:MISSING RIGHT PARENTHESIS AFTER A ROW DESIGNATOR
281000		IN A WRITE STATEMENT.
282000	446	WRITESTMT:MISSING ROW DESIGNATOR IN A WRITE STATEMENT.
283000	447	WRITESTMT:IMPROPER DELIMITER PRECEEDING A LIST IN A WRITE
284000		STATEMENT.
285000	448	WRITESTMT:IMPROPER LIST DELIMITER IN A WRITE STATEMENT.
286000	449	READSTMT:IMPROPER LIST DELIMITER IN A READ STATEMENT.
287000	450	LOCKSTMT:MISSING LEFT PARENTHESIS IN A LOCK STATEMENT.
288000	451	LOCKSTMT:IMPROPER FILE PART IN A LOCK STATEMENT.
289000	452	LOCKSTMT:MISSING COMMA IN A LOCK STATEMENT.
290000	453	LOCKSTMT:IMPROPER UNIT DISPOSITION PART IN A LOCK
291000		STATEMENT.
292000	454	LOCKSTMT:MISSING RIGHT PARENTHESIS IN A LOCK STATEMENT.
293000	455	CLOSESTMT:MISSING LEFT PARENTHESIS IN A CLOSE STATEMENT.
294000	456	CLOSESTMT:IMPROPER FILE PART IN A CLOSE STATEMENT.
295000	457	CLOSESTMT:MISSING COMMA IN A CLOSE STATEMENT.
296000	458	CLOSESTMT:IMPROPER UNIT DISPOSITION PART IN A CLOSE
297000		STATEMENT.
298000	459	CLOSESTMT:MISSING RIGHT PARENTHESIS IN A CLOSE STATEMENT.
299000	460	RWNDSTMT:MISSING LEFT PARENTHESIS IN A REWIND STATEMENT.
300000	461	RWNDSTMT:IMPROPER FILE PART IN A REWIND STATEMENT.
301000	462	RWNDSTMT:MISSING RIGHT PARENTHESIS IN A REWIND STATEMENT.
302000	463	BLOCK:A MONITOR DECLARATION APPEARS IN THE SPECIFICATION
303000		PART OF A PROCEDURE.

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304000 464      BLOCK:A DUMP DECLARATION APPEARS IN THE SPECIFICATION PART
305000          OF A PROCEDURE.
305001 465      INLINE: MISSING PARAMETER IDENTIFIER IN INLINE STREAM
305002          STATEMENT PARAMETER LIST.
305100 500      .ID: NEEDS DOUBLE PERIOD FOR PRTE IF PAST 512
306200 520      TABLE: STRING LONGER THAN ONE WORD (48 BITS).
306300 521      TABLE: STRING CONTAINS A NON-PERMISSIBLE CHARACTER.
400000 600      DOLLARCARD: NUMBER EXPECTED.
401000 601      DOLLARCARD: OPTION IDENTIFIER EXPECTED.
403000 602      DOLLARCARD: TOO MANY USER-DEFINED OPTIONS.
404000 603      DOLLARCARD: UNRECOGNIZED WORD OR CHARACTER.
405000 604      DOLLARCARD: MISMATCHED PARENTHESES.
406000 605      DOLLARCARD: $ IN CARD COLUMN 1 FOR OMIT CARD
410000 610      READACARD: SEQUENCE ERROR.
411000 611      READACARD: ERROR LIMIT HAS BEEN EXCEEDED.
490000 ;
500000 BEGIN COMMENT OUTERMOST BLOCK;
501000 INTEGER ERRORCOUNT; COMMENT NUMBER OF ERROR MSGS, MCP WILL TYPE
502000          SYNTAX ERR AT EOJ IF THIS IS NON-ZERO, MUST BE @R+25;
503000 INTEGER SAVETIME; COMMENT SAVE=FACTOR FOR CODE FILE, GIVEN BY MCP.
504000          IF COMPILE & GO =0, FOR SYNTAX, =-1, MUST BE AT R+26;
504100 INTEGER CARDNUMBER; % SEQ # OF CARD BEING PROCESSED.
504150 INTEGER CARDCOUNT; % NUMBER OF CARDS PROCESSED.
504700 BOOLEAN BUILDLINE;
505000 COMMENT RR1-RR11 ARE USED IN SOME PROCEDURES IN
506000 PLACE OF LOCALS TO SAVE STACK SPACE;
507000 REAL RR1,RR2,RR3,RR4,RR5,RR6,RR7,RR8,RR9,RR10,RR11;
508000 COMMENT SOME OF THE RRI ARE USED TO PASS FILE INFORMATION
509000 TO THE MAIN BLOCK;
510000 COMMENT EXAMIN RETURNS THE CHARACTER AT ABSOLUTE ADDRESS NCR;
511000 REAL STREAM PROCEDURE EXAMIN(NCR); VALUE NCR;
512000 BEGIN SI+NCR;DI+LOC EXAMIN;DI+DI+7; DS+CHR END;
523000 INTEGER STREAM PROCEDURE GETF(Q);VALUE Q;
524000 BEGIN SI+LOC GETF; SI+SI-7;DI+LOC Q;DI+DI+5;
525000 SKIP 3 DB; 9(IF SB THEN DS+SET ELSE DS+RESET; SKIP SB);
526000 DI+LOC Q;SI+Q;DS+WDS;SI+Q;GETF+SI
527000 END GETF;
528000 COMMENT START SETTING UP FILE PARAMETERS;
529000 IF EXAMIN(RR11+GETF(3)+"Y08") #12 THEN RR1+5 ELSE
530000 BEGIN RR1+2;RR2+150 END;
531000 IF EXAMIN(RR11+5) #12 THEN RR3+4 ELSE
532000 BEGIN RR3+2; RR4+150 END;
533000 IF EXAMIN(RR11+10)=12 THEN
534000 BEGIN RR5+2;RR6+10;RR7+150 END ELSE
535000 BEGIN RR5+1;RR6+56;RR7+10 END;
536000 IF EXAMIN(RR11+15)=12 THEN
537000 BEGIN RR8+10;RR9+150 END ELSE
538000 BEGIN RR8+56;RR9+10 END;
1000000 BEGIN COMMENT MAIN BLOCK;
1000800 INTEGER OPINX; % USED FOR INDEXING INTO OPTIONS ARRAY.
1000802 BOOLEAN SETTING; % USED BY DOLLARCARD FOR AN OPTION'S SETTING.
1000860 INTEGER NEWINX, ADDVALUE, BASENUM, TOTALNO;
1000902 DEFINE OPARSIZE = 200 #;
1000904 ARRAY OPTIONS[0:OPARSIZE];
1000910 BOOLEAN OPTIONWORD;
1000920 DEFINE CHECKBIT = 1#;
1000930 DEFINE DEBUGBIT = 2#;

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