```
CLEAR STORAGE 1     ,008015,022026,030037,044,049,053053N000000N00001026                                    1
CLEAR STORAGE 2     L068116,105106,110117B101/I9I#071029C029056B026/B001/0991,001/001117I0?                 2
BOOTSTRAP           ,008015,022029,036040,047054,061068,072/061039          ,0010011040                     3
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                    FORTRAN COMPILER -- EQUIVALENCE PHASE ONE -- 10                           PAGE   1

 SEQ PG LIN  LABEL  OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD

 101                JOB   FORTRAN COMPILER -- EQUIVALENCE PHASE ONE -- 10
 102                CTL   6611
 103         *
 104         * 1. ASSURE ALL ARRAYS PRESENT IN EQUIVALENCE STATEMENTS ARE
 105         *    DEFINED
 106         * 2. ADD SIMPLE VARIABLES PRESENT IN EQUIVALENCE STATEMENTS
 107         *    TO THE TABLE OF ARRAYS GENERATED BY THE PREVIOUS PHASE.
 108         *    THESE VARIABLES ARE TREATED, IN EFFECT, AS ONE-ELEMENT
 109         *    ARRAYS.
 110         *
 111         * ON ENTRY, 81-83 = START (TOP ADDRESS) OF FIRST (TOP IN MEMORY)
 112         * STATEMENT (REMEMBER, STATEMENTS ARE SORTED BY TYPE NOW, AND
 113         * PUSHED TO THE BOTTOM OF AVAILABLE CORE), 84-86 = ADDRESS OF THE
 114         * TOPMOST (FIRST) DIMENSION TABLE (ELEVEN BELOW THE BOTTOM OF THE
 115         * NAME), X1 = ADDRESS OF THE LAST DIGIT OF THE SEQUENCE NUMBER OF
 116         * THE FIRST (TOPMOST) UNPROCESSED STATEMENT, X2 = ADDRESS OF THE
 117         * LOWEST-ADDRESS CHARACTER OF THE ARRAY TABLE, AND X3 = ADDRESS
 118         * OF THE FIRST (TOPMOST) CHARACTER OF THE X1 STATEMENT (FIRST
 119         * CHARACTER AFTER KEYWORD AND LEFT PAREN IF NOT ARITHMETIC). 6&X2
 120         * IS THE "NEXT" LINK AND 9&X2 IS THE "PREVIOUS" LINK IN EACH
 121         * ARRAY TABLE ELEMENT.  BLANK MEANS "END OF CHAIN".
 122         *
 123         * EACH ELEMENT OF THE ARRAY TABLE HAS ONE OR TWO VARIABLE-WIDTH
 124         * DIMENSION FIELDS (FIRST DIMENSION HIGHER IN CORE), WITH THE
 125         * DIGITS OF THE DIMENSIONS NOT REVERSED, A FIVE DIGIT OFFSET FROM
 126         * THE BASE OF THE EQUIVALENCE CLASS (X2 POINTS AT THE LOW-ORDER
 127         * DIGIT), A THREE-CHARACTER LINK TO THE NEXT MEMBER OF THE
 128         * EQUIVALENCE CLASS, A THREE-CHARACTER LINK TO THE NEXT ELEMENT,
 129         * A THREE-CHARACTER LINK TO THE PREVIOUS ELEMENT, THE NAME
 130         * (VARIABLE WIDTH), AND A GROUP MARK WITH A WORD MARK.  THE GMWM
 131         * OF THE TOPMOST ELEMENT IS AT TOPCOR-3, AND TOPCOR-2 .. TOPCOR
 132         * ARE BLANK.
 133         *
 134         X1     EQU   89                                                      0089
 135         X2     EQU   94                                                      0094
 136         X3     EQU   99                                                      0099
 137         *
 138         * STUFF IN THE RESIDENT AREA
 139         *
 140         PHASID EQU   110  PHASE ID, FOR SNAPSHOT DUMPS                       0110
 141         SNAPSH EQU   333  CORE DUMP SNAPSHOT                                 0333
 142         LOADNX EQU   700  LOAD NEXT OVERLAY                                  0700
 143         CLEARL EQU   707  CS AT START OF OVERLAY LOADER                      0707
 144         CDOVLY EQU   769  READ (1) INSTRUCTION IF RUNNING FROM CARDS         0769
 145         TPREAD EQU   780  TAPE READ INSTRUCTION IN OVERLAY LOADER            0780
 146         LOADXX EQU   793  EXIT FROM OVERLAY LOADER                           0793
 147         CLRBOT EQU   833  BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER          0833
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SEQ PG LIN  LABEL  OP    OPERANDS                                 SFX CT  LOCN  INSTRUCTION TYPE  CARD

148         *
149         * FROM DIMENSION ONE PHASE
150         *
151         DIFF   EQU   838  WM IF FP WIDTH /= INTEGER WIDTH             0838
152         *
153         * IN EQUIVALENCE TWO PHASE
154         *
155         DONE2  EQU   1735                                            1735
156         NOTIN2 EQU   1800                                            1800
157         *
158                ORG   839                                                    0839
159         LOADDD EQU   *&1          LOAD ADDRESS                       0839
160  839 GM     DC    @}@                                      1  0839           GMARK    4
161  849 PREFIX DC    #10                                     10  0849                    4
162  852 NEXT   DCW   #3            ONE BELOW NEXT SLOT IN ARRAY TABLE  3  0852                    4
163  860        DCW   #8            OFFSET AND LINK WORK FOR NEXT PHASE 8  0860                    4
164  868        DCW   #8            OFFSET AND LINK WORK FOR NEXT PHASE 8  0868                    4
165  876 NEXT3  DCW   #8            OFFSET AND LINK WORK FOR NEXT PHASE 8  0876                    4
166  877        DC    #1                                       1  0877                    4
167  882        DCW   #5                                       5  0882                    5
168         *
169         * ANNOUNCE SYNTAX ERROR
170         *
171  883 SYNTAX CS    332                                      4  0883  / 332             5
172  887        CS                                             1  0887  /                 5
173  888        SW    184          IS THIS A GLOBAL ERROR FLAG?  4  0888  , 184             5
174  892        MN    PREFIX,243  SEQUENCE                     7  0892  D 849 243         5
175  899        MN                 NUMBER TO                    1  0899  D                 5
176  900        MN                 ERROR MESSAGE                1  0900  D                 5
177  901        MCW   ERROR4                                   4  0901  M Y21             6
178  905        W                                              1  0905  2                 6
179  906        BCV   OVFL1                                    5  0906  B 915 @           6
180  911        B     NOVFL1                                   4  0911  B 917             6
181  915 OVFL1  CC    1                                        2  0915  F 1               6
182  917 NOVFL1 C     0&X1         GET DOWN BELOW PREFIX OF     4  0917  C 0|0             6
183  921        SAR   X1           STATEMENT -- NEXT WORD MARK  4  0921  Q 089             6
184  925        B     NXSTMT                                   4  0925  B /15             7
185         *
186         * GET TO THE NEXT VARIABLE IN THE STATEMENT AND THEN
187         * CHECK WHETHER IT'S ALREADY IN THE ARRAY TABLE
188         *
189  929 FIND   BCE   ATVAR,0&X1,,  SKIP PUNCTUATION BEFORE VARIABLE  8  0929  B 969 0|0 ,        7
190  937        BCE   ATVAR,0&X1,%                             8  0937  B 969 0|0 %        7
191  945        BCE   ATVAR,0&X1,)                             8  0945  B 969 0|0 )        7
192  953        BCE   SYNTAX,0&X1,}                            8  0953  B 883 0|0 } GMARK  7
193  961        SBR   X1                                       4  0961  H 089             8
194  965        B     FIND                                     4  0965  B 929             8
195         *
196         * X1 IS NOW BELOW A VARIABLE NAME IN THE STATEMENT, AND
197         * X2 IS NOW AT THE TOP OF A VARIABLE NAME IN THE TABLE
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                   FORTRAN COMPILER -- EQUIVALENCE PHASE ONE -- 10                              PAGE    3

 SEQ PG LIN  LABEL  OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD

 198         *
 199    969  ATVAR  SW    1&X1  SET WM AT BOTTOM OF VARIABLE                 4  0969  , 0|1                8
 200    973         MCW   NEXT,X2                                           7  0973  M 852 094            8
 201    980  UNEQ   BCE   NOTIN,2&X2,  TOP OF THE TABLE?                    8  0980  B S74 0!2            8
 202    988  MORE1  MCM   2&X2  MOVE UP TO TOP OF NEXT TABLE ELEMENT        4  0988  P 0!2                8
 203    992         MN          AND THEN DOWN                               1  0992  D                    8
 204    993         MN             TO TABLE ELEMENT NAME                    1  0993  D                    9
 205    994         SAR   X2                                                4  0994  Q 094                9
 206    998         BCE   MORE1,1&X2,|  MORE TO DO IF RM                    8  0998  B 988 0!1 |          9
 207 1 006  TESTV  C     0-0,0&X2   TEST DUPLICATE VARIABLE                 7  1006  C 000 0!0            9
 208 1 013         SAR   X3        STMT VAR - LEN(TABLE VAR)                4  1013  Q 099                9
 209 1 017         BU    UNEQ      NOT FOUND IN THE TABLE YET               5  1017  B 980 /              9
 210 1 022  TSTEQL BW    FOUND,1&X3  EQUAL LENGTH IN STMT AND TABLE?        8  1022  V W73 0?1 1          9
 211 1 030         B     UNEQ      NO, NOT FOUND IN THE TABLE YET           4  1030  B 980               10
 212         *
 213         * START HERE
 214         *
 215 1 034  BEGINN MN    0&X2      GET DOWN TO                              4  1034  D 0!0               10
 216 1 038         SAR   NEXT      NEXT AVAILABLE SLOT                      4  1038  Q 852               10
 217 1 042         SBR   NEXT3        IN ARRAY TABLE                        4  1042  H 876               10
 218 1 046         SW    GM                                                 4  1046  , 839               10
 219 1 050         BW    DIFWID,DIFF FP WIDTH /= INTEGER WIDTH?             8  1050  V |65 838 1          10
 220 1 058         MCW   BRANCH,SWITCH                                      7  1058  M Y22 /77           10
 221 1 065  DIFWID MCW   X1,SAVEX1                                          7  1065  M 089 Z68           11
 222 1 072         MCW   LESS,2&X1  MARK STATEMENT AS PROCESSED             7  1072  M Y23 0!2           11
 223 1 079         SBR   TSTFUL&6,2&X1  REMEMBER STATEMENT END MARK ADDR    7  1079  H T99 0!2           11
 224 1 086  MORE2  MCM   2&X2  GET ABOVE GMWM ABOVE BOTTOM TABLE ELEMENT    4  1086  P 0!2               11
 225 1 090         MN          AND THEN BACK                                1  1090  D                   11
 226 1 091         MN             BELOW IT.  X2 NOW POINTS AT FIRST         1  1091  D                   11
 227 1 092         SAR   X2        (TOPMOST) CHARACTER OF NAME.             4  1092  Q 094               11
 228 1 096         BCE   MORE2,1&X2,|  MORE TO DO IF RM                     8  1096  B |86 0!1 |         12
 229 1 104         C     0&X2  SKIP NAME                                    4  1104  C 0!0               12
 230 1 108         C           SKIP "NEXT" POINTER                          1  1108  C                   12
 231 1 109         C           SKIP "PREV" POINTER                          1  1109  C                   12
 232 1 110         C           SKIP ???                                     1  1110  C                   12
 233 1 111         SAR   TABADR                                             4  1111  Q Y26               12
 234 1 115  NXSTMT LCA   0&X1,PREFIX                                        7  1115  L 0|0 849           12
 235 1 122         SAR   X1        X1 IS NOW FIRST CHAR BELOW PREFIX        4  1122  Q 089               13
 236 1 126  FINTST BCE   DONE,PREFIX,  DONE IF NO SEQUENCE NUMBER           8  1126  B W85 849           13
 237 1 134         BCE   GOTEQV,PREFIX-3,Q  EQUIVALENCE STATEMENT?          8  1134  B /46 846 Q         13
 238 1 142  FINBR  B     DONE      DONE IF NOT EQUIVALENCE STATEMENT        4  1142  B W85               13
 239 1 146  GOTEQV BCE   GOTLP,0&X1,%                                       8  1146  B /58 0|0 %         13
 240 1 154         B     SYNTAX                                            4  1154  B 883               13
 241 1 158  GOTLP  SW    FPFLG1,FPFLG2  GOT LEFT PAREN -- SYNTAX OK         7  1158  , Y27 Y28           14
 242 1 165  NXTVAR MN    0&X1      SKIP LEFT PAREN TO GET X1 TO             4  1165  D 0|0               14
 243 1 169         SAR   X1        TOP CHAR OF VARIABLE                     4  1169  Q 089               14
 244 1 173         SBR   TESTV&3  VARIABLE TO FIND IN TABLE                 4  1173  H |09               14
 245 1 177  SWITCH NOP   FIND  BRANCH IF FP WIDTH == INTEGER WIDTH          4  1177  N 929               14
 246         *
 247         * CHECK WHETHER VARIABLES HAVE SAME TYPE
```

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SEQ PG LIN  LABEL  OP    OPERANDS                                   SFX CT  LOCN  INSTRUCTION TYPE  CARD

248            *
249  1 181  CHKTYP MN    0&X1,TSTINT&7  GET READY TO TEST FIRST       7  1181  D 0|0 S02          14
250  1 188         MZ    0&X1,TSTINT&7    CHARACTER OF VARIABLE NAME   7  1188  Y 0|0 S02          14
251  1 195  TSTINT BCE   INTVAR,INTCHR,X  INTEGER VARIABLE NAME?       8  1195  B S16 Y34 X        15
252  1 203         CHAIN 5                                                                MACRO
253                BCE                                                 1  1203  B          GEN    15
254                BCE                                                 1  1204  B          GEN    15
255                BCE                                                 1  1205  B          GEN    15
256                BCE                                                 1  1206  B          GEN    15
257                BCE                                                 1  1207  B          GEN    15
258  1 208         CW    FPFLG2                                        4  1208  ) Y28             15
259  1 212         B     NOTINT                                        4  1212  B S20             16
260  1 216  INTVAR CW    FPFLG1                                        4  1216  ) Y27             16
261  1 220  NOTINT BW    FIND,FPFLG2                                   8  1220  V 929 Y28 1       16
262  1 228         BWZ                                                 1  1228  V                 16
263            *
264            * ERROR -- MIXED FP AND INTEGER IN EQUIVALENCE WHILE INTEGER
265            * AND FP HAVE DIFFERENT WIDTH
266            *
267  1 229         CS    332                                           4  1229  / 332             16
268  1 233         CS                                                  1  1233  /                 16
269  1 234         SW    184         IS THIS A GLOBAL ERROR FLAG?      4  1234  , 184             16
270  1 238         MN    PREFIX,251  SEQUENCE NUMBER                   7  1238  D 849 251         17
271  1 245         MN                TO ERROR                          1  1245  D                 17
272  1 246         MN                MESSAGE                           1  1246  D                 17
273  1 247         MCW   ERROR5                                        4  1247  M Y82             17
274  1 251         W                                                   1  1251  2                 17
275  1 252         BCV   OVFL2                                         5  1252  B S61 @           17
276  1 257         B     NOVFL2                                        4  1257  B S63             17
277  1 261  OVFL2  CC    1                                             2  1261  F 1               18
278  1 263  NOVFL2 SW    FPFLG1,FPFLG2                                 7  1263  , Y27 Y28         18
279  1 270         B     FIND                                          4  1270  B 929             18
280            *
281            * NOT IN THE TABLE YET.  X1 ==(?) X3 = PUNCTUATION BELOW
282            * THE VARIABLE IN THE STATEMENT
283            *
284  1 274  NOTIN  MCW   X1,X3    DOES THIS CHANGE X3?                 7  1274  M 089 099         18
285  1 281         BCE   SUBSND,0&X1,%  SUBSCRIPT PRESENT?             8  1281  B V05 0|0 %       18
286  1 289         MCW   NEXT,X2  ONE BELOW BOTTOM SLOT IN TABLE       7  1289  M 852 094         18
287  1 296         LCA   GM,1&X2  SET BOUNDARY                         7  1296  L 839 0!1         19
288  1 303         SBR   X2       DOES THIS CHANGE X2?                 4  1303  H 094             19
289  1 307         MCW   TESTV&3,X3  VARIABLE SOUGHT IN TABLE          7  1307  M |09 099         19
290  1 314         LCA   0&X3,0&X2  MOVE VARIABLE TO TABLE             7  1314  L 0?0 0!0         19
291  1 321         SBR   X2       X2 NOW POINTS AT "PREV" LINK         4  1321  H 094             19
292  1 325         MCW   TABADR,X3  CURRENT BOTTOM-OF-TABLE            7  1325  M Y26 099         19
293  1 332         LCA   TABADR,0&X2  SET "PREV" LINK IN NEW ENTRY     7  1332  L Y26 0!0         20
294  1 339         LCA   W3       SPACE FOR "NEXT" LINK                4  1339  L Y85             20
295  1 343         LCA   W3       SPACE FOR ???                        4  1343  L Y85             20
296  1 347         SBR   TABADR   SET CURRENT BOTTOM-OF-TABLE          4  1347  H Y26             20
297  1 351         SBR   X2       SET X2 NINE BELOW NAME IN TABLE      4  1351  H 094             20
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                         FORTRAN COMPILER -- EQUIVALENCE PHASE ONE -- 10                              PAGE    5

SEQ PG LIN  LABEL  OP    OPERANDS                                         SFX CT  LOCN  INSTRUCTION TYPE  CARD

298 1 355         LCA    W5,0&X2                                          7  1355  L Y87 0!0              20
299 1 362         LCA    K1          DIMENSION == 1 FOR SCALAR            4  1362  L Y88                 20
300 1 366         SBR    X2          X2 IS NOW ONE BELOW BOTTOM ELEMENT   4  1366  H 094                 21
301 1 370         MCW    TABADR,6&X3  SET "NEXT" LINK IN PREV ENTRY       7  1370  M Y26 0?6             21
302 1 377         BCE    NOTAB,86,  NO TABLE YET?                         8  1377  B U35 086             21
303          *
304          * SAVE BOTTOM OF TABLE AND CHECK SIZE
305          *
306 1 385 SAVBOT MN     0&X2                                             4  1385  D 0!0                 21
307 1 389         SAR    NEXT                                             4  1389  Q 852                 21
308 1 393 TSTFUL BCE    ITFITS,0,<                                        8  1393  B U46 000 <           21
309          *
310          * PROGRAM IS TOO BIG -- CLOBBERED THE SENTINEL
311          *
312 1 401         CS     332                                              4  1401  / 332                 21
313 1 405         CS                                                      1  1405  /                     22
314 1 406         CC     1                                                2  1406  F 1                   22
315 1 408         MCW    ERROR2,270                                       7  1408  M Z24 270             22
316 1 415         W                                                       1  1415  2                     22
317 1 416         CC     1                                                2  1416  F 1                   22
318 1 418         BCE    CARDS,CDOVLY,1                                    8  1418  B U31 769 1           22
319 1 426         RWD    1                                                5  1426  U %U1 R               22
320 1 431 CARDS  H      CARDS                                            4  1431  . U31                 23
321          *
322          * NO TABLE YET
323          *
324 1 435 NOTAB  MCW    TABADR,86  STORE TOP OF TABLE                    7  1435  M Y26 086             23
325 1 442         B      SAVBOT     SAVE BOTTOM OF TABLE AND CHECK SIZE   4  1442  B T85                 23
326          *
327          * HAVEN'T CLOBBERED THE SENTINEL -- THE PROGRAM FITS
328          *
329 1 446 ITFITS BCE    DONEQV,0&X1,)  DONE WITH THIS EQUIVALENCE?        8  1446  B U58 0|0 )           23
330 1 454         B      MOREQV                                           4  1454  B U65                 23
331 1 458 DONEQV SW     FPFLG1,FPFLG2  ASSUME EQUIVALENCE IS OK           7  1458  , Y27 Y28             23
332 1 465 MOREQV MN     0&X1       SKIP PUNCTUATION BELOW VARIABLE        4  1465  D 0|0                 23
333 1 469         SBR    X1                                               4  1469  H 089                 24
334 1 473         SBR    TESTV&3    VARIABLE TO FIND IN TABLE             4  1473  H |09                 24
335 1 477         BCE    NOTHER,0&X1,,  ANOTHER VARIABLE IN EQUIVALENCE?  8  1477  B W61 0|0 ,           24
336 1 485         BCE    ITFITS,0&X1,}                                    8  1485  B U46 0|0 } GMARK     24
337 1 493         BCE    NXSTMT,1&X1,}                                    8  1493  B /15 0|1 } GMARK     24
338 1 501         B      SWITCH     GO TEST TYPES                         4  1501  B /77                 24
339          *
340          * SUBSCRIPT APPEARS IN EQUIVALENCE STATEMENT BUT THE VARIABLE
341          * WAS NOT FOUND IN THE ARRAY TABLE
342          *
343 1 505 SUBSND CS     299                                              4  1505  / 299                 25
344 1 509         MCW    X3,X1  DOES THIS CHANGE X1?                      7  1509  M 099 089             25
345 1 516         MCW    X2,SAVX2                                          7  1516  M 094 Z27             25
346 1 523         MN     248    WHY NOT                                   4  1523  D 248                 25
347 1 527         MN            JUST DO                                   1  1527  D                     25
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SEQ PG LIN  LABEL  OP   OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD

348  1 528         SAR  X2        SBR  X1,246?                            4  1528  Q 094              25
349  1 532         SBR  X1,0&X1  THIS CAN'T CHANGE X1                     7  1532  H 089 0|0          25
350  1 539 FINDLP MCW  0&X1,SAVECH                                        7  1539  M 0|0 Z28          26
351  1 546         SAR  X1                                                4  1546  Q 089              26
352  1 550         BCE  GOTLP2,SAVECH,%  GOT TO START OF SUBSCRIPT?       8  1550  B V73 Z28 %        26
353  1 558         MCW  SAVECH,2&X2  MOVE SAVED CHARACTER TO MESSAGE      7  1558  M Z28 0!2          26
354  1 565         SBR  X2        REVERSING VARIABLE BACK INTO ORDER      4  1565  H 094              26
355  1 569         B    FINDLP                                           4  1569  B V39              26
356  1 573 GOTLP2 MCW  SAVX2,X2                                           7  1573  M Z27 094          27
357  1 580         SW   184        IS THIS A GLOBAL ERROR FLAG?           4  1580  , 184              27
358  1 584         MN   PREFIX,240  SEQUENCE NUMBER                       7  1584  D 849 240          27
359  1 591         MN              TO ERROR                              1  1591  D                  27
360  1 592         MN              MESSAGE                               1  1592  D                  27
361  1 593         MCW  ERROR6                                           4  1593  M Z65              27
362  1 597         BCV  OVFL3                                            5  1597  B W06 @            27
363  1 602         B    NOVFL3                                           4  1602  B W08              28
364  1 606 OVFL3  CC   1                                                 2  1606  F 1                28
365  1 608 NOVFL3 W                                                      1  1608  2                  28
366  1 609 SKIPV  MN   0&X1                                              4  1609  D 0|0              28
367  1 613         SAR  X1                                               4  1613  Q 089              28
368  1 617         BCE  NOTHER,0&X1,)  FOUND END OF SUBSCRIPT             8  1617  B W61 0|0 )        28
369  1 625         BCE  SYNTAX,0&X1,%  SYNTAX ERROR IF LEFT PAREN         8  1625  B 883 0|0 %        28
370  1 633         BCE  SYNTAX,0&X1,}  SYNTAX ERROR IF END OF STATEMENT   8  1633  B 883 0|0 } GMARK  29
371  1 641         BCE  SKIPV,0&X1,,  SKIP MORE IF COMMA (IS THIS OK?)    8  1641  B W09 0|0 ,        29
372  1 649         BWZ  SKIPV,0&X1,2  SKIP MORE IF NUMERIC                8  1649  V W09 0|0 2        29
373  1 657         B    SYNTAX        ELSE SYNTAX ERROR                   4  1657  B 883              29
374         *
375         * ANOTHER VARIABLE IN EQUIVALENCE
376         *
377  1 661 NOTHER MN   0&X1                                              4  1661  D 0|0              29
378  1 665         SAR  X1                                               4  1665  Q 089              29
379  1 669         B    ITFITS                                           4  1669  B U46              30
380         *
381         * FOUND VARIABLE IN ARRAY TABLE
382         *
383  1 673 FOUND  BCE  SKIPV,0&X1,%  SUBSCRIPT OK SINCE WE FOUND VAR      8  1673  B W09 0|0 %        30
384  1 681         B    ITFITS                                           4  1681  B U46              30
385         *
386  1 685 DONE   SBR  FINTST&3,DONE2  THESE                             7  1685  H /29 X35          30
387  1 692         SBR  FINBR&3,DONE2     ADDRESSES ARE                   7  1692  H /45 X35          30
388  1 699         SBR  UNEQ&3,NOTIN2      IN NEXT OVERLAY                7  1699  H 983 Y00          30
389  1 706         SBR  TSTEQL&3,CHKTYP                                   7  1706  H |25 /81          31
390  1 713         MCW  NEXT,NEXT3                                        7  1713  M 852 876          31
391  1 720         MCW  SAVEX1,X1                                         7  1720  M Z68 089          31
392  1 727         MCW  BRANCH,SWITCH                                     7  1727  M Y22 /77          31
393  1 734         MCW  NOP,GOTLP                                         7  1734  M Z69 /58          31
394  1 741         BSS  SNAPSH,C                                         5  1741  B 333 C            32
395  1 746         SBR  TPREAD&6,CHKTYP  SET LOAD ADDR FOR NEXT OVERLAY   7  1746  H 786 /81          32
396  1 753         SBR  CLRBOT                                           4  1753  H 833              32
397  1 757         SBR  LOADXX&3,NXSTMT  SET ENTRY ADDR FOR NEXT OVERLAY  7  1757  H 796 /15          32
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SEQ PG LIN  LABEL  OP   OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD

398 1 764         SBR   CLEARL&3,GMWM                                       7  1764  H 710 Z79           32
399 1 771         LCA   EQUIV2,PHASID                                       7  1771  L Z78 110           32
400 1 778         B     LOADNX                                              4  1778  B 700               33
401         *
402         * MORE DATA
403         *
404 1 821  ERROR4 DCW   @ERROR 4 - EQUIVALENCE SYNTAX, STATEMENT @         40  1821                      35
405 1 822  BRANCH B                                                         1  1822  B                   35
406 1 823  LESS   DCW   @<@       LESS-THAN SIGN                            1  1823                      35
407 1 826  TABADR DCW   #3        CURRENT ARRAY TABLE ADDRESS               3  1826                      35
408 1 827  FPFLG1 DCW   #1                                                  1  1827                      35
409 1 828  FPFLG2 DCW   #1        WM IF FP VARIABLE                         1  1828                      36
410 1 834  INTCHR DCW   @IJKLMN@   FIRST CHARACTER OF INTEGER VARIABLES     6  1834                      36
411 1 882  ERROR5 DCW   @ERROR 5 - ILLEGAL EQUIVALENCE MIXING, STATEMENT @ 48  1882                      38
412 1 885  W3     DCW   #3  USED TO CREATE                                  3  1885                      38
413 1 887  W5     DC    #2    EMPTY TABLE ENTRY                             2  1887                      38
414 1 888  K1     DCW   1     DIMENSION FOR SCALARS                         1  1888                      38
415 1 924  ERROR2 DCW   @MESSAGE 2 - OBJECT PROGRAM TOO LARGE@             36  1924                      39
416 1 927  SAVX2  DCW   #3                                                  3  1927                      39
417 1 928  SAVECH DCW   #1                                                  1  1928                      40
418 1 965  ERROR6 DCW   @ERROR 6 - UNDEFINED ARRAY, STATEMENT @            37  1965                      40
419 1 968  SAVEX1 DCW   #3                                                  3  1968                      41
420 1 969  NOP    NOP                                                       1  1969  N                   41
421 1 978  EQUIV2 DCW   @EQUIV TWO@                                         9  1978                      41
422 1 979  GMWM   DCW   @}@                                                 1  1979         GMARK         41
423         ORG   201                                                             0201
424    203         DSA   LOADDD    LOAD ADDRESS FOR CARD-TO-TAPE PROGRAM     3  0203  839                 42
425         EX    BEGINN                                                          B |34                43
426         END                                                                  / 000 080
```

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
ATVAR	969	BEGINN	1034	BRANCH	1822	CARDS	1431	CDOVLY	769	CHKTYP	1181	CLEARL	707
CLRBOT	833	DIFF	838	DIFWID	1065	DONE	1685	DONE2	1735	DONEQV	1458	EQUIV2	1978
ERROR2	1924	ERROR4	1821	ERROR5	1882	ERROR6	1965	FINBR	1142	FIND	929	FINDLP	1539
FINTST	1126	FOUND	1673	FPFLG1	1827	FPFLG2	1828	GM	839	GMWM	1979	GOTEQV	1146
GOTLP	1158	GOTLP2	1573	INTCHR	1834	INTVAR	1216	ITFITS	1446	K1	1888	LESS	1823
LOADDD	839	LOADNX	700	LOADXX	793	MORE1	988	MORE2	1086	MOREQV	1465	NEXT	852
NEXT3	876	NOP	1969	NOTAB	1435	NOTHER	1661	NOTIN	1274	NOTIN2	1800	NOTINT	1220
NOVFL1	917	NOVFL2	1263	NOVFL3	1608	NXSTMT	1115	NXTVAR	1165	OVFL1	915	OVFL2	1261
OVFL3	1606	PHASID	110	PREFIX	849	SAVBOT	1385	SAVECH	1928	SAVEX1	1968	SAVX2	1927
SKIPV	1609	SNAPSH	333	SUBSND	1505	SWITCH	1177	SYNTAX	883	TABADR	1826	TESTV	1006
TPREAD	780	TSTEQL	1022	TSTFUL	1393	TSTINT	1195	UNEQ	980	W3	1885	W5	1887
X1	89	X2	94	X3	99								