```
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

                         FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26                          PAGE    1

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

 101               JOB   FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26
 102               CTL   6611
 103         *
 104         * THE OBJECT-TIME LIST STRINGS ARE DEVELOPED AND STORED
 105         * IMMEDIATELY TO THE LEFT OF THE FORMAT STRINGS AT THE LOWER
 106         * (HIGH ADDRESS) END OF STORAGE.
 107         *
 108         * ON ENTRY, X1 IS THE TOP OF STATEMENTS IN LOW CORE, 81-83
 109         * IS THREE BELOW THE FORMAT STRINGS OR NUMBER TABLE.
 110         *
 111         X1     EQU   89                                                      0089
 112         X2     EQU   94                                                      0094
 113         X3     EQU   99                                                      0099
 114         *
 115         * STUFF IN THE RESIDENT AREA
 116         *
 117         PHASID EQU   110  PHASE ID, FOR SNAPSHOT DUMPS                      0110
 118         NEGAR2 EQU   142  LOOKS LIKE NEGARY -- SEE PHASE 20                 0142
 119         ARYSIZ EQU   160  TOTAL ARRAY SIZE & 2                              0160
 120         NEGARY EQU   163  16000 - ARYSIZ                                    0163
 121         GLOBER EQU   184  GLOBAL ERROR FLAG -- WM MEANS ERROR               0184
 122         SNAPSH EQU   333  CORE DUMP SNAPSHOT                               0333
 123         IMOD   EQU   690  INTEGER MODULUS -- NUMBER OF DIGITS              0690
 124         MANTIS EQU   692  FLOATING POINT MANTISSA DIGITS                   0692
 125         LOADNX EQU   700  LOAD NEXT OVERLAY                                0700
 126         CLEARL EQU   707  CS AT START OF OVERLAY LOADER                     0707
 127         TPREAD EQU   780  TAPE READ INSTRUCTION IN OVERLAY LOADER           0780
 128         SEQCOD EQU   841  STATEMENT CODE AND SEQUENCE NUMBER               0841
 129         SX1    EQU   844  SAVE ARE FOR X1 FROM PHASE 25 -- SAME AS          0844
 130         *                 X1 ON ENTRY HERE
 131         *
 132               ORG   845                                                           0845
 133         LOADDD EQU   *&1          LOAD ADDRESS                              0845
 134    845  BEGINN MCW   83,X2                                                7  0845  M 083 094            4
 135    852  LOOP   BW    DONE,0&X1                                            8  0852  V Z88 0|0 1          4
 136    860         MCW   X2,SX2                                               7  0860  M 094 !53            4
 137    867         MCW   0&X1,SEQCOD                                          7  0867  M 0|0 841            4
 138    874         MCW   X1,SAVSEQ&6                                          7  0874  M 089 Z69            4
 139    881         C     0&X1       GET X1                                    4  0881  C 0|0                5
 140    885         SAR   X1           DOWN TO BODY                          4  0885  Q 089                5
 141    889         SBR   X3                                                   4  0889  H 099                5
 142    893  GETGM  C     0&X3       GET X3 DOWN                               4  0893  C 0?0                5
 143    897         SAR   X3           TO BELOW GMWM AT                      4  0897  Q 099                5
 144    901         BCE   GOTGM,1&X3,}   BOTTOM OF STATEMENT                   8  0901  B 913 0?1 } GMARK    5
 145    909         B     GETGM                                                4  0909  B 893                5
 146    913  GOTGM  SBR   SX3&6,0&X3                                           7  0913  H Z83 0?0            6
 147    920         C     0&X1                                                 4  0920  C 0|0                6
```

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SEQ PG LIN  LABEL   OP    OPERANDS                                    SFX CT  LOCN  INSTRUCTION TYPE  CARD
148    924          C                                                    1  0924  C                    6
149    925          SAR   SX1B                                         4  0925  Q !56                6
150    929          BCE   GOTCOM,0&X1,,                                8  0929  B 947 0|0 ,          6
151    937          CHAIN 6                                                          MACRO
152                 BCE                                                  1  0937  B          GEN       6
153                 BCE                                                  1  0938  B          GEN       6
154                 BCE                                                  1  0939  B          GEN       7
155                 BCE                                                  1  0940  B          GEN       7
156                 BCE                                                  1  0941  B          GEN       7
157                 BCE                                                  1  0942  B          GEN       7
158    943          B     FINLS2                                         4  0943  B Y22                7
159    947  GOTCOM  MCW   SX1B,X1                                        7  0947  M !56 089            7
160    954          BCE   NOLINK,1&X1,}  LIST NOT LINKED TO ANOTHER?    8  0954  B 989 0|1 } GMARK    7
161    962          MCW   3&X1,X3                                       7  0962  M 0|3 099            8
162    969          BW    LSTERR,1&X3                                    8  0969  V Z22 0?1 1          8
163    977          LCA   1&X3,4&X1                                     7  0977  L 0?1 0|4            8
164    984          CW                                                   1  0984  )                    8
165    985          B     SX3                                            4  0985  B Z77                8
166    989  NOLINK  BCE   ENDLS2,2&X3,,                                 8  0989  B X98 0?2 ,          8
167    997          SBR   X3                                           4  0997  H 099                8
168  1 001  MARK    LCA   KDOT,0&X2  BELOW NUMBER TABLE AND FORMATS     7  1001  L !57 0!0            9
169  1 008          SBR   X2                                           4  1008  H 094                9
170  1 012          CW    1&X2                                         4  1012  ) 0!1                9
171  1 016          S     W1                                           4  1016  S !58                9
172  1 020  NXTLST  SBR   X3,1&X3                                      7  1020  H 099 0?1            9
173  1 027          BCE   RPAR,0&X3,)                                  8  1027  B S72 0?0 )          9
174  1 035          BCE   SUBS,0&X3,$                                  8  1035  B X37 0?0 $         10
175  1 043          B     ADRTST                                         4  1043  B Y42               10
176  1 047          LCA   W3,0&X2                                      7  1047  L J45 0!0           10
177  1 054          SBR   X2                                           4  1054  H 094               10
178  1 058          BCE   GOTCM2,0&X3,,                                8  1058  B S60 0?0 ,         10
179  1 066          BCE   LPAR,0&X3,%                                  8  1066  B U67 0?0 %         10
180  1 074          B     ADRTST                                         4  1074  B Y42               11
181  1 078          LCA   W3,0&X2                                      7  1078  L J45 0!0           11
182  1 085          LCA   COMMA                                        4  1085  L !59               11
183  1 089          SBR   X2                                           4  1089  H 094               11
184  1 093          CW    5&X2                                         4  1093  ) 0!5               11
185  1 097          CW    1&X2                                         4  1097  ) 0!1               11
186  1 101          MZ    3&X2,KB1                                     7  1101  Y 0!3 !60           11
187  1 108          MCW   X1,SX1D                                      7  1108  M 089 !63           12
188  1 115          ZA    IMOD,WIDTH                                   7  1115  ? 690 !68           12
189  1 122          BM    INT,3&X2  INTEGER                            8  1122  V /37 0!3 K         12
190  1 130          MCW   MANTIS,WIDTH                                 7  1130  M 692 !68           12
191  1 137  INT     S     KP16K,WIDTH                                  7  1137  S !73 !68           12
192  1 144          MN    WIDTH,MWIDTH                                 7  1144  D !68 !77           13
193  1 151          MN                                                 1  1151  D                   13
194  1 152          MN                                                 1  1152  D                   13
195  1 153          SAR   *&4   WHY NOT JUST                           4  1153  Q /60               13
196  1 157          MCW   0,X1    MCW WIDTH-3,0&X1?                    7  1157  M 000 089           13
197  1 164          MCW   K0                                           4  1164  M !74               13
```

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SEQ PG LIN  LABEL   OP    OPERANDS                                    SFX CT  LOCN  INSTRUCTION TYPE  CARD
198  1 168          A     X1                                             4  1168  A 089               13
199  1 172          MZ    ZONES&1&X1,MWIDTH                              7  1172  Y !S0 !77           14
200  1 179          CW                                                   1  1179  )                   14
201  1 180          SBR   *&7         WHY NOT JUST                       4  1180  H /90               14
202  1 184          MZ    ZONES&X1,0    MZ ZONES&X1,MWIDTH-2?            7  1184  Y !/9 000           14
203  1 191          MCW   MWIDTH,X1                                      7  1191  M !77 089           14
204  1 198          MCW   4&X2,*&14                                      7  1198  M 0!4 S18           14
205  1 205          MZ    *-6,*&6  SET X1 ZONE                           7  1205  Y S05 S17           15
206  1 212          SBR   4&X2,0                                         7  1212  H 0!4 000           15
207  1 219          MZ    KB1,3&X2                                       7  1219  Y !60 0!3           15
208  1 226          MCW   SX1D,X1                                       7  1226  M !63 089           15
209  1 233          MZ    *-4,6&X2  CLOBBER TYPE TAG                     7  1233  Y S35 0!6           15
210  1 240  TESTLP  BCE   LPAR,0&X3,%                                   8  1240  B U67 0?0 %         16
211  1 248  TSTLST  C     0&X3,COMMA                                     7  1248  C 0?0 !59           16
212  1 255          BU    LSTERR                                         5  1255  B Z22 /             16
213  1 260  GOTCM2  BW    ENDLST,0&X3                                    8  1260  V W97 0?0 1         16
214  1 268          B     NXTLST                                         4  1268  B |20               16
215            *
216            * RIGHT PARENTHESIS -- BOTTOM OF IMPLIED DO
217            *
218  1 272  RPAR    BCE   RPAR0,W1,?                                    8  1272  B W34 !58 ?         17
219  1 280  RPARB   MCW   X1,SX1C                                       7  1280  M 089 !80           17
220  1 287          LCA   KDOT,0&X1                                     7  1287  L !57 0|0           17
221  1 294          SBR   X1                                            4  1294  H 089               17
222  1 298          A     KP1,W1                                        7  1298  A !81 !58           17
223  1 305          BCE   LSTERR,W1,D                                   8  1305  B Z22 !58 D         18
224  1 313          B     MOVADR  INCREMENT OR UPPER BOUND              4  1313  B W52               18
225  1 317          C     0&X3,COMMA                                    7  1317  C 0?0 !59           18
226  1 324          BU    LSTERR                                        5  1324  B Z22 /             18
227  1 329          B     MOVADR  UPPER BOUND OR LOWER BOUND            4  1329  B W52               18
228  1 333          BCE   MOVADR,0&X3,,  LOWER BOUND                   8  1333  B W52 0?0 ,         18
229  1 341          C     0&X3,KEQUAL                                   7  1341  C 0?0 !82           19
230  1 348          BU    LSTERR                                        5  1348  B Z22 /             19
231  1 353          B     MOVADR  SUBSCRIPT/LOOP INDUCTOR               4  1353  B W52               19
232  1 357          SBR   0&X1,1&X2                                     7  1357  H 0|0 0!1           19
233  1 364          CW    0&X1  DECREASE X1                             4  1364  ) 0|0               19
234  1 368          CW                                                  1  1368  )                   19
235  1 369          SW                                                  1  1369  ,                   19
236  1 370          SAR   X1                                            4  1370  Q 089               20
237  1 374          MCW   X3,SX3B                                       7  1374  M 099 !85           20
238  1 381          MN    0&X3                                          4  1381  D 0?0               20
239  1 385          SAR   X3                                            4  1385  Q 099               20
240  1 389  RLPAR   BCE   LPAR2,2&X3,%                                  8  1389  B U21 0?2 %         20
241  1 397          BCE   RPAR2,2&X3,)                                  8  1397  B U40 0?2 )         20
242  1 405          BW    LSTERR,2&X3                                   8  1405  V Z22 0?2 1         21
243  1 413          SBR   X3                                            4  1413  H 099               21
244  1 417          B     RLPAR                                         4  1417  B T89               21
245  1 421  LPAR2   LCA   KRPAR,0&X2                                    7  1421  L !86 0!0           21
246  1 428          SBR   X2                                            4  1428  H 094               21
247  1 432          CW    1&X2                                          4  1432  ) 0!1               21
```

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SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
248  1 436          B     RPMORE                                             4  1436  B U56               21
249  1 440  RPAR2   LCA   EQBLNK,0&X2                                        7  1440  L !90 0!0           22
250  1 447          SBR   X2                                                 4  1447  H 094               22
251  1 451          SW    2&X2                                               4  1451  , 0!2               22
252  1 455          CW                                                       1  1455  )                   22
253  1 456  RPMORE  MCW   SX3B,X3                                           7  1456  M !85 099           22
254  1 463          B     TSTLST                                             4  1463  B S48               22
255          *
256          * LEFT PARENTHESIS -- TOP OF IMPLIED DO
257          *
258  1 467  LPAR    S     KP1,W1                                             7  1467  S !81 !58           22
259  1 474          BM    LSTERR,W1  UNBALANCED PARENTHESES                  8  1474  V Z22 !58 K         23
260  1 482          MA    NEGARY,3&X1                                        7  1482  # 163 0|3           23
261  1 489          LCA   3&X1,0&X2                                         7  1489  L 0|3 0!0           23
262  1 496          LCA   6&X1                                              4  1496  L 0|6               23
263  1 500          SBR   X2                                                 4  1500  H 094               23
264  1 504          BCE   DOT,13&X1,.                                       8  1504  B W19 0/3 .         23
265  1 512          LCA   15&X1,0&X2                                        7  1512  L 0/5 0!0           24
266  1 519          SBR   X2                                                 4  1519  H 094               24
267  1 523  LPAR3   LCA   12&X1,0&X2                                        7  1523  L 0/2 0!0           24
268  1 530          LCA                                                      1  1530  L                   24
269  1 531          LCA   KLPAR                                              4  1531  L !91               24
270  1 535          SBR   X2                                                 4  1535  H 094               24
271  1 539          CW    1&X2                                               4  1539  ) 0!1               24
272  1 543  SWITCH  NOP   LPAR5                                             4  1543  N W08               25
273  1 547          MCW   3&X1,X1                                           7  1547  M 0|3 089           25
274  1 554          MN    0&X1                                               4  1554  D 0|0               25
275  1 558          SAR   X1                                                 4  1558  Q 089               25
276  1 562          MA    ARYSIZ,X1                                          7  1562  # 160 089           25
277  1 569          MA    NEGARY,X2                                          7  1569  # 163 094           25
278  1 576          SBR   0&X1,1&X2                                         7  1576  H 0|0 0!1           26
279  1 583          MA    ARYSIZ,X2                                          7  1583  # 160 094           26
280  1 590  LPAR4   SBR   X3,1&X3                                           7  1590  H 099 0?1           26
281  1 597          MCW   SX1C,X1                                           7  1597  M !80 089           26
282  1 604          B     TESTLP                                             4  1604  B S40               26
283  1 608  LPAR5   MCW   NOP,SWITCH                                        7  1608  M !92 V43           26
284  1 615          B     LPAR4                                              4  1615  B V90               27
285  1 619  DOT     LCA   NEGAR2,0&X2                                       7  1619  L 142 0!0           27
286  1 626          SBR   X2                                                 4  1626  H 094               27
287  1 630          B     LPAR3                                              4  1630  B V23               27
288          *
289          * RIGHT PARENTHESIS AND W1 IS ZERO
290          *
291  1 634  RPAR0   SBR   X1,W48                                            7  1634  H 089 J40           27
292  1 641          MCW   BRANCH,SWITCH                                      7  1641  M J41 V43           27
293  1 648          B     RPARB                                              4  1648  B S80               27
294          *
295          * MOVE ADDRESS AT 1&X3..3&X3 TO W3 AND -2&X1..0&X1,
296          * DECREMENT X3 BY 3.
297          *
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SEQ PG LIN  LABEL   OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD
298  1 652  MOVADR SBR   MOVADX&3                                             4  1652  H W96               28
299  1 656         SBR   X3,1&X3                                              7  1656  H 099 0?1           28
300  1 663         B     ADRTST                                               4  1663  B Y42               28
301  1 667         LCA   W3,0&X1                                              7  1667  L J45 0|0           28
302  1 674         SBR   X1                                                   4  1674  H 089               28
303  1 678         MZ    *-4,2&X1  CLOBBER TYPE TAG (WHY?)                    7  1678  Y W80 0|2           28
304  1 685         BW    LSTERR,0&X3                                          8  1685  V Z22 0?0 1         29
305  1 693  MOVADX B     0                                                    4  1693  B 000               29
306         *
307         * END OF I/O LIST
308         *
309  1 697  ENDLST C     W1,KP0  PARENTHESES BALANCED                         7  1697  C !58 J42           29
310  1 704         BU    LSTERR  NO                                           5  1704  B Z22 /             29
311  1 709         CW    0&X3                                                 4  1709  ) 0?0               29
312  1 713         CW                                                         1  1713  )                   29
313  1 714         SW                                                         1  1714  ,                   29
314  1 715         SAR   X3                                                   4  1715  Q 099               30
315  1 719         SBR   3&X3,1&X2                                            7  1719  H 0?3 0!1           30
316  1 726         MA    NEGARY,3&X3                                          7  1726  # 163 0?3           30
317  1 733         B     SX3                                                  4  1733  B Z77               30
318         *
319         * DOLLAR SIGN -- BOTTOM OF SUBSCRIPT
320         *
321  1 737  SUBS   SW    0&X3                                                 4  1737  , 0?0               30
322  1 741         SAR   X3                                                   4  1741  Q 099               30
323  1 745         SBR   SX1E&3,1&X3                                          7  1745  H X93 0?1           30
324  1 752  GETDOL BCE   GOTDOL,2&X3,$                                       8  1752  B X68 0?2 $         31
325  1 760         SBR   X3                                                   4  1760  H 099               31
326  1 764         B     GETDOL                                               4  1764  B X52               31
327  1 768  GOTDOL LCA   2&X3,0&X2                                            7  1768  L 0?2 0!0           31
328  1 775         SBR   X2                                                   4  1775  H 094               31
329  1 779         CW    1&X2                                                 4  1779  ) 0!1               31
330  1 783         SBR   X3,3&X3                                              7  1783  H 099 0?3           31
331  1 790  SX1E   CW    0                                                    4  1790  ) 000               32
332  1 794         B     TESTLP                                               4  1794  B S40               32
333  1 798  ENDLS2 BW    FINLST,2&X3                                          8  1798  V Y17 0?2 1         32
334  1 806         SBR   X3,2&X3                                              7  1806  H 099 0?2           32
335  1 813         B     MARK                                                 4  1813  B |01               32
336  1 817  FINLST SW    3&X3                                                 4  1817  , 0?3               32
337  1 821         CW                                                         1  1821  )                   32
338  1 822  FINLS2 BCE   LSTERR,SEQCOD-3,1                                   8  1822  B Z22 838 1         33
339  1 830         BCE   LSTERR,SEQCOD-3,3                                   8  1830  B Z22 838 3         33
340  1 838         B     SAVSEQ                                               4  1838  B Z63               33
341         *
342         * TEST WHETHER THREE CHARACTERS STARTING AT X3 ARE AN ADDRESS,
343         * I.E., THAT THE NUMERIC PART IS A DIGIT.  IF SO, MOVE IT TO
344         * W3 AND BUMP X3 BY 3.
345         *
346  1 842  ADRTST SBR   ADRTSX&3                                             4  1842  H Y96               33
347  1 846         MN    2&X3,DIGTST&11                                       7  1846  D 0?2 Z08           33
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SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
348  1 853          B     DIGTST                                             4  1853  B Y97              33
349  1 857          MN    1&X3,DIGTST&11                                     7  1857  D 0?1 Z08          34
350  1 864          B     DIGTST                                             4  1864  B Y97              34
351  1 868          MN    0&X3,DIGTST&11                                     7  1868  D 0?0 Z08          34
352  1 875          B     DIGTST                                             4  1875  B Y97              34
353  1 879          MCW   2&X3,W3                                           7  1879  M 0?2 J45          34
354  1 886          SBR   X3,3&X3                                          7  1886  H 099 0?3          34
355  1 893  ADRTSX  B     0-0                                                4  1893  B 000              35
356  1 897  DIGTST  SBR   *&4                                               4  1897  H Z04              35
357  1 901          BCE   0-0,DIGITS,0                                      8  1901  B 000 J55 0        35
358  1 909          CHAIN 9                                                                MACRO
359                 BCE                                                    1  1909  B          GEN     35
360                 BCE                                                    1  1910  B          GEN     35
361                 BCE                                                    1  1911  B          GEN     35
362                 BCE                                                    1  1912  B          GEN     35
363                 BCE                                                    1  1913  B          GEN     36
364                 BCE                                                    1  1914  B          GEN     36
365                 BCE                                                    1  1915  B          GEN     36
366                 BCE                                                    1  1916  B          GEN     36
367                 BCE                                                    1  1917  B          GEN     36
368  1 918          B     LSTERR                                             4  1918  B Z22              36
369  1 922  LSTERR  CS    332                                                4  1922  / 332              36
370  1 926          CS                                                       1  1926  /                  37
371  1 927          SW    GLOBER                                             4  1927  , 184              37
372  1 931          MN    SEQCOD,234                                         7  1931  D 841 234          37
373  1 938          MN                                                       1  1938  D                  37
374  1 939          MN                                                       1  1939  D                  37
375  1 940          MCW   ERR47                                              4  1940  M J86              37
376  1 944          W                                                        1  1944  2                  37
377  1 945          BCV   *&5                                                5  1945  B Z54 @            38
378  1 950          B     *&3                                                4  1950  B Z56              38
379  1 954          CC    1                                                  2  1954  F 1                38
380  1 956          MCW   SLASH,SEQCOD-3  CONVERT TO END STATEMENT           7  1956  M J87 838          38
381  1 963  SAVSEQ  MCW   SEQCOD,0                                           7  1963  M 841 000          38
382  1 970          MCW   SX2,X2                                            7  1970  M !53 094          38
383  1 977  SX3     SBR   X1,0                                              7  1977  H 089 000          38
384  1 984          B     LOOP                                               4  1984  B 852              39
385  1 988  DONE    MCW   SX1,X1                                            7  1988  M 844 089          39
386  1 995          BSS   SNAPSH,C                                          5  1995  B 333 C            39
387  2 000          SBR   CLEARL&3,GMWM                                     7  2000  H 710 J97          39
388  2 007          LCA   LIST3,PHASID                                       7  2007  L J96 110          39
389  2 014          B     LOADNX                                             4  2014  B 700              39
390         *
391         * DATA
392         *
393  2 019  ZONES   DCW   @ 9@                                              2  2019                     39
394  2 050          DCW   @9Z9R9I99ZZZRZIZ9RZRRRIR9IZIRIII@                31  2050                     40
395  2 053  SX2     DCW   #3                                                 3  2053                     40
396  2 056  SX1B    DCW   #3                                                 3  2056                     40
397  2 057  KDOT    DCW   @.@                                               1  2057                     40
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SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
398  2 058  W1      DCW   #1                                                1  2058                      40
399  2 059  COMMA   DCW   @,@                                               1  2059                      41
400  2 060  KB1     DCW   #1                                                1  2060                      41
401  2 063  SX1D    DCW   #3                                                3  2063                      41
402  2 068  WIDTH   DCW   #5                                                5  2068                      41
403  2 073  KP16K   DCW   @1600?@                                          5  2073                      41
404  2 074  K0      DCW   0                                                 1  2074                      41
405  2 077  MWIDTH  DCW   #3  WIDTH - 16000 IN MACHINE FORM                 3  2077                      41
406  2 080  SX1C    DCW   #3                                                3  2080                      42
407  2 081  KP1     DCW   &1                                                1  2081                      42
408  2 082  KEQUAL  DCW   @#@                                               1  2082                      42
409  2 085  SX3B    DCW   #3                                                3  2085                      42
410  2 086  KRPAR   DCW   @)@                                               1  2086                      42
411  2 090  EQBLNK  DCW   @#   @                                            4  2090                      42
412  2 091  KLPAR   DCW   @%@                                               1  2091                      42
413  2 092  NOP     NOP                                                     1  2092  N                   43
414  2 140  W48     DCW   #48                                              48  2140                      45
415  2 141  BRANCH  B                                                       1  2141  B                   45
416  2 142  KP0     DCW   &0                                                1  2142                      45
417  2 145  W3      DCW   #3                                                3  2145                      45
418  2 155  DIGITS  DCW   @01234567890@                                    10  2155                      45
419  2 186  ERR47   DCW   @ERROR 47 - BAD LIST, STATEMENT @                31  2186                      46
420  2 187  SLASH   DCW   @/@  CODE FOR END STATEMENT                       1  2187                      46
421  2 196  LIST3   DCW   @LISTR TRI@                                       9  2196                      47
422  2 197  GMWM    DCW   @}@                                               1  2197              GMARK   47
423                 ORG   201                                                       0201
424    203          DSA   LOADDD    LOAD ADDRESS FOR CARD-TO-TAPE PROGRAM   3  0203  845                 48
425                 EX    BEGINN                                                    B 845                 49
426                 END                                                             / 000 080
```

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
ADRTST	1842	ADRTSX	1893	ARYSIZ	160	BEGINN	845	BRANCH	2141	CLEARL	707	COMMA	2059
DIGITS	2155	DIGTST	1897	DONE	1988	DOT	1619	ENDLS2	1798	ENDLST	1697	EQBLNK	2090
ERR47	2186	FINLS2	1822	FINLST	1817	GETDOL	1752	GETGM	893	GLOBER	184	GMWM	2197
GOTCM2	1260	GOTCOM	947	GOTDOL	1768	GOTGM	913	IMOD	690	INT	1137	K0	2074
KB1	2060	KDOT	2057	KEQUAL	2082	KLPAR	2091	KP0	2142	KP1	2081	KP16K	2073
KRPAR	2086	LIST3	2196	LOADDD	845	LOADNX	700	LOOP	852	LPAR	1467	LPAR2	1421
LPAR3	1523	LPAR4	1590	LPAR5	1608	LSTERR	1922	MANTIS	692	MARK	1001	MOVADR	1652
MOVADX	1693	MWIDTH	2077	NEGAR2	142	NEGARY	163	NOLINK	989	NOP	2092	NXTLST	1020
PHASID	110	RLPAR	1389	RPAR	1272	RPAR0	1634	RPAR2	1440	RPARB	1280	RPMORE	1456
SAVSEQ	1963	SEQCOD	841	SLASH	2187	SNAPSH	333	SUBS	1737	SWITCH	1543	SX1	844
SX1B	2056	SX1C	2080	SX1D	2063	SX1E	1790	SX2	2053	SX3	1977	SX3B	2085
TESTLP	1240	TPREAD	780	TSTLST	1248	W1	2058	W3	2145	W48	2140	WIDTH	2068
X1	89	X2	94	X3	99	ZONES	2019						