```
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 -- STMT NUMBERS FIVE -- PHASE 31                          PAGE    1

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

 101               JOB   FORTRAN COMPILER -- STMT NUMBERS FIVE -- PHASE 31
 102               CTL   6611
 103         *
 104         * UNDEFINED STATEMENT NUMBERS ARE NOTED.
 105         *
 106         * ON ENTRY, X1 IS THE TOP OF STATEMENTS, AND X3 IS ONE BELOW
 107         * THE LABEL TABLE AT THE TOP OF CORE.
 108         *
 109         X1     EQU   89                                                          0089
 110         X2     EQU   94                                                          0094
 111         X3     EQU   99                                                          0099
 112         *
 113         * STUFF IN THE RESIDENT AREA
 114         *
 115         PHASID EQU   110  PHASE ID, FOR SNAPSHOT DUMPS                          0110
 116         GLOBER EQU   184  GLOBAL ERROR FLAG -- WM MEANS ERROR                   0184
 117         SNAPSH EQU   333  CORE DUMP SNAPSHOT                                    0333
 118         LOADNX EQU   700  LOAD NEXT OVERLAY                                    0700
 119         CLEARL EQU   707  CS AT START OF OVERLAY LOADER                         0707
 120         *
 121         TBLBOT EQU   145  ONE BELOW NUMBERS, FORMATS, I/O LISTS                 0145
 122         *
 123               ORG   838                                                                 0838
 124         LOADDD EQU   *&1          LOAD ADDRESS                                    0838
 125    838  BEGINN MCW   X3,SX3                                                 7  0838  M 099 S76            4
 126    845         MCW   X1,SX1                                                 7  0845  M 089 S79            4
 127    852         C     0&X3  GET TO                                           4  0852  C 0?0                4
 128    856         SAR   X3      TOP ENTRY OF HASH TABLE                        4  0856  Q 099                4
 129    860         CW    1&X3                                                   4  0860  ) 0?1                4
 130    864         MCW   TBLBOT,X2                                             7  0864  M 145 094            4
 131    871         C     0&X2                                                   4  0871  C 0!0                4
 132    875         SAR   X2                                                     4  0875  Q 094                5
 133    879         C     X2,SX3                                                 7  0879  C 094 S76            5
 134    886         BE    DONE                                                   5  0886  B S37 S              5
 135    891         MCW   TBLBOT,SAVBOT                                         7  0891  M 145 S82            5
 136    898  TSTFIN BW    DONE,0&X1                                              8  0898  V S37 0|0 1          5
 137    906         MCW   0&X1,SEQCOD                                           7  0906  M 0|0 S86            5
 138    913         C     0&X1  GET BELOW PREFIX                                 4  0913  C 0|0                6
 139    917         SAR   X1                                                     4  0917  Q 089                6
 140    921         MCW   KB3,W3                                                7  0921  M S89 S92            6
 141    928         BCE   COMPGO,SEQCOD-3,H                                     8  0928  B 968 S83 H          6
 142    936         MCW   SEQCOD-3,*&8                                          7  0936  M S83 950            6
 143    943         BCE   LABELS,STMTS,0                                        8  0943  B /78 S98 0          6
 144    951         B                                                           1  0951  B                    6
 145    952         B                                                           1  0952  B                    7
 146    953         B                                                           1  0953  B                    7
 147    954         B                                                           1  0954  B                    7
```

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SEQ PG LIN  LABEL   OP    OPERANDS                                  SFX CT  LOCN  INSTRUCTION TYPE  CARD
148    955          B                                                  1  0955  B                    7
149    956  ENDSTM  C     0&X1                                         4  0956  C 0|0                7
150    960          SAR   X1                                         4  0960  Q 089                7
151    964          B     TSTFIN                                     4  0964  B 898                7
152          *
153          * WAS ORIGINALLY COMPUTED GOTO CODE T, NOW H
154          *
155    968  COMPGO  MCW   SAVBOT,X3                                  7  0968  M S82 099            8
156    975  COMPG2  C     0&X1,X3                                    7  0975  C 0|0 099            8
157    982          BE    COMPG3                                     5  0982  B |45 S              8
158    987          MN    0&X3                                       4  0987  D 0?0                8
159    991          MN                                               1  0991  D                    8
160    992          MN                                               1  0992  D                    8
161    993          SAR   X3                                         4  0993  Q 099                8
162    997          SBR   X2                                         4  0997  H 094                9
163  1 001  COMPGL  BW    COMPG4,1&X2                                8  1001  V /67 0!1 1          9
164  1 009          BWZ   COMPG2,2&X2,2                            8  1009  V 975 0!2 2          9
165  1 017          MCW   3&X2,X2                                   7  1017  M 0!3 094            9
166  1 024          MZ    NOZONE,X2-1                                7  1024  Y S99 093            9
167  1 031          MN    0&X2                                       4  1031  D 0!0                9
168  1 035          MN                                               1  1035  D                    9
169  1 036          MN                                               1  1036  D                   10
170  1 037          SAR   X2                                         4  1037  Q 094               10
171  1 041          B     COMPGL                                     4  1041  B |01               10
172  1 045  COMPG3  MCW   X3,SAVBOT                                  7  1045  M 099 S82           10
173  1 052  TUNDEF  BCE   ENDSTM,W3,                                 8  1052  B 956 S92           10
174  1 060          BWZ   *&5,SEQCOD,2                             8  1060  V |72 S86 2          10
175  1 068          B     *&9                                        4  1068  B |80               10
176  1 072          BWZ   UNDEF,SEQCOD-2,2                         8  1072  V |94 S84 2          11
177  1 080          MCW   SEQCOD,X3                                7  1080  M S86 099            11
178  1 087          MCW   0&X3,SEQCOD                              7  1087  M 0?0 S86            11
179  1 094  UNDEF   CS    299                                        4  1094  / 299               11
180  1 098          SW    GLOBER                                     4  1098  , 184               11
181  1 102          MCW   ERR21,210                                 7  1102  M T09 210           11
182  1 109          MCW   MSG21,253                                 7  1109  M T47 253           12
183  1 116          MN    SEQCOD,257                                 7  1116  D S86 257           12
184  1 123          MN                                               1  1123  D                   12
185  1 124          MN                                               1  1124  D                   12
186  1 125          MCS   W3,214                                     7  1125  Z S92 214           12
187  1 132          C     W3,K001                                    7  1132  C S92 T50           12
188  1 139          BU    *&8                                        5  1139  B /51 /             12
189  1 144          MCW   KCOM,243                                   7  1144  M T52 243           13
190  1 151          W                                                1  1151  2                   13
191  1 152          BCV   *&5                                        5  1152  B /61 @             13
192  1 157          B     *&3                                        4  1157  B /63               13
193  1 161          CC    1                                          2  1161  F 1                 13
194  1 163          B     ENDSTM                                     4  1163  B 956               13
195  1 167  COMPG4  A     K1,W3                                      7  1167  A T53 S92           13
196  1 174          B     COMPG2                                     4  1174  B 975               14
197          *
```

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

198          * STATEMENTS CONTAINING LABELS OF EXECUTABLE STATEMENTS.  NOT
199          * I/O STATEMENTS CONTAINING FORMAT STATEMENT LABELS.
200          *
201  1 178  LABELS BW    TUNDEF,0&X1                                         8  1178  V |52 0|0 1          14
202  1 186         BCE   TUNDEF,0&X1,,                                       8  1186  B |52 0|0 ,          14
203  1 194         MCW   0&X1,X3                                             7  1194  M 0|0 099            14
204  1 201         SAR   X1                                                  4  1201  Q 089                14
205  1 205         MN    0&X3                                                4  1205  D 0?0                14
206  1 209         MN                                                        1  1209  D                    14
207  1 210         SAR   X3                                                  4  1210  Q 099                15
208  1 214         BW    *&5,0&X3                                            8  1214  V S26 0?0 1          15
209  1 222         B     LABELS                                              4  1222  B /78                15
210  1 226         A     K1,W3                                               7  1226  A T53 S92            15
211  1 233         B     LABELS                                              4  1233  B /78                15
212          *
213  1 237  DONE  MCW   SX1,X1                                               7  1237  M S79 089            15
214  1 244         MCW   SX3,X3                                             7  1244  M S76 099            16
215  1 251         BSS   SNAPSH,E                                           5  1251  B 333 E              16
216  1 256         SBR   CLEARL&3,GMWM                                      7  1256  H 710 T61            16
217  1 263         LCA   IO1,PHASID                                         7  1263  L T60 110            16
218  1 270         B     LOADNX                                              4  1270  B 700                16
219  1 276  SX3    DCW   #3                                                  3  1276                       16
220  1 279  SX1    DCW   #3                                                  3  1279                       16
221  1 282  SAVBOT DCW   #3                                                  3  1282                       17
222  1 286  SEQCOD DCW   #4                                                  4  1286                       17
223  1 289  KB3    DCW   #3                                                  3  1289                       17
224  1 292  W3     DCW   #3                                                  3  1292                       17
225  1 298  STMTS  DCW   @TWEDGK@  CODES FOR STATEMENTS WITH LABELS         6  1298                       17
226  1 299  NOZONE DCW   #1                                                  1  1299                       17
227  1 309  ERR21  DCW   @ERROR 21 -@                                       10  1309                       17
228  1 347  MSG21  DCW   @UNDEFINED STATEMENT NUMBERS, STATEMENT@           38  1347                       18
229  1 350  K001   DCW   001                                                3  1350                       19
230  1 352  KCOM   DCW   @, @                                               2  1352                       19
231  1 353  K1     DCW   1                                                   1  1353                       19
232  1 360  IO1    DCW   @I/O ONE@                                          7  1360                       19
233  1 361  GMWM   DCW   @}@                                                1  1361             GMARK     19
234                ORG   201                                                          0201
235    203         DSA   LOADDD    LOAD ADDRESS FOR CARD-TO-TAPE PROGRAM    3  0203  838                  20
236                EX    BEGINN                                                     B 838                21
237                END                                                              / 000 080
```

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
BEGINN	838	CLEARL	707	COMPG2	975	COMPG3	1045	COMPG4	1167	COMPGL	1001	COMPGO	968
DONE	1237	ENDSTM	956	ERR21	1309	GLOBER	184	GMWM	1361	IO1	1360	K001	1350
K1	1353	KB3	1289	KCOM	1352	LABELS	1178	LOADDD	838	LOADNX	700	MSG21	1347
NOZONE	1299	PHASID	110	SAVBOT	1282	SEQCOD	1286	SNAPSH	333	STMTS	1298	SX1	1279
SX3	1276	TBLBOT	145	TSTFIN	898	TUNDEF	1052	UNDEF	1094	W3	1292	X1	89
X2	94	X3	99										