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

 101               JOB   FORTRAN COMPILER -- LOAD PHASES 52BC -- PHASE 52A
 102               CTL   6611
 103         *
 104         * AS THE OBJECT CODING MAY ORIGINATE AT 1697, THE CODING FOR
 105         * PHASE 52 MUST BE SPLIT INTO TWO PARTS, THE FIRST OF WHICH
 106         * REPLACES THE SNAPSHOT CODING IN POSITIONS 333-680.   THIS
 107         * PHASE LOADS THE TWO SECTIONS.
 108         *
 109         X3     EQU   99                                                      0099
 110         *
 111         * STUFF IN THE RESIDENT AREA
 112         *
 113         PHASID EQU   110  PHASE ID, FOR SNAPSHOT DUMPS                      0110
 114         SNAPSH EQU   333  CORE DUMP SNAPSHOT                                0333
 115         LOADNX EQU   700  LOAD NEXT OVERLAY                                 0700
 116         CLEARL EQU   707  CS AT START OF OVERLAY LOADER                      0707
 117         TPREAD EQU   780  TAPE READ INSTRUCTION IN OVERLAY LOADER           0780
 118         LOADXX EQU   793  EXIT FROM OVERLAY LOADER                          0793
 119         CLRBOT EQU   833  BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER         0833
 120         *
 121         * ADDRESS IN NORMAL FORMAT ROUTINE
 122         *
 123         IOLIST EQU   2132                                                   2132
 124         *
 125               ORG   838                                                           0838
 126    840  EXLINK DCW   #3    139 I XLINKF ENTRY ADDRESS                    3  0840                    4
 127    843         DCW   #3    138 H USER FUNCTION 12 ENTRY ADDRESS          3  0843                    4
 128    846         DCW   #3    137 D USER FUNCTION 11 ENTRY ADDRESS          3  0846                    4
 129    849         DCW   #3    136 M USER FUNCTION 10 ENTRY ADDRESS          3  0849                    4
 130    852         DCW   #3    135 L USER FUNCTION 09 ENTRY ADDRESS          3  0852                    4
 131    855         DCW   #3    134 K USER FUNCTION 08 ENTRY ADDRESS          3  0855                    4
 132    858         DCW   #3    133 J USER FUNCTION 07 ENTRY ADDRESS          3  0858                    4
 133    861         DCW   #3    132 Z USER FUNCTION 06 ENTRY ADDRESS          3  0861                    5
 134    864         DCW   #3    131 Y USER FUNCTION 05 ENTRY ADDRESS          3  0864                    5
 135    867         DCW   #3    130 W USER FUNCTION 04 ENTRY ADDRESS          3  0867                    5
 136    870         DCW   #3    129 P USER FUNCTION 03 ENTRY ADDRESS          3  0870                    5
 137    873         DCW   #3    128 U USER FUNCTION 02 ENTRY ADDRESS          3  0873                    5
 138    876  USER1  DCW   #3    127 R USER FUNCTION 01 ENTRY ADDRESS          3  0876                    5
 139    879         DCW   #3    126 Q SQRTF ENTRY ADDRESS                     3  0879                    5
 140    882         DCW   #3    125 F FLOATF ENTRY ADDRESS                    3  0882                    6
 141    885         DCW   #3    124 X XFIXF ENTRY ADDRESS                     3  0885                    6
 142    888         DCW   #3    123 N NEGATION ENTRY ADDRESS                  3  0888                    6
 143    891         DCW   #3    122 A ABSF ENTRY ADDRESS                      3  0891                    6
 144    894         DCW   #3    121 T ATANF ENTRY ADDRESS                     3  0894                    6
 145    897         DCW   #3    120 E EXPF ENTRY ADDRESS                      3  0897                    6
 146    900         DCW   #3    119 G LOGF ENTRY ADDRESS                      3  0900                    6
 147    903         DCW   #3    118 SC SINF OR COSF ENTRY ADDRESS             3  0903                    7
```

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SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
148    906          DCW   #3    117 SERIES                                    3  0906                      7
149    909          DCW   #3    116 SUBSCRIPT                                 3  0909                      7
150    912          DSA   IOLIST  115 I/O LIST AND NOT LIMITED FORMAT         3  0912  J32                 7
151    915          DCW   #3    114 I/O LIST                                  3  0915                      7
152    918          DCW   #3    113                                           3  0918                      7
153    921          DCW   #3    112                                           3  0921                      7
154    924  FUNTAB  DCW   #3    111                                           3  0924                      8
155    927          DSA   FUNTAB                                              3  0927  924                 8
156    930  CONBOT  DCW   #3    BOTTOM OF CONSTANTS - 1                        3  0930                      8
157    933  ARYBOT  DCW   #3    BOTTOM OF ARRAYS - 1                          3  0933                      8
158         *
159    934  BEGINN  B     SETUP                                   V3M4      4  0934  B |36               8
160    938  LOADC   SBR   TPREAD&6,BEGINN                                     7  0938  H 786 934           8
161    945          SBR   CLRBOT                                              4  0945  H 833               8
162    949          SBR   LOADXX&3,337                                        7  0949  H 796 337           9
163    956          SBR   CLEARL&3,GMWM                                      7  0956  H 710 W96           9
164    963          LCA   FUNLDC,PHASID                                      7  0963  L 982 110           9
165    970          B     LOADNX                                            4  0970  B 700               9
166    982  FUNLDC  DCW   @FUNLOAD C@                                        9  0982                      9
167    983  LOADB   SBR   TPREAD&6,333                                       7  0983  H 786 333          10
168    990          SBR   CLRBOT,LOADB                                      7  0990  H 833 983          10
169    997          BSS   SNAPSH,C                                          5  0997  B 333 C            10
170  1 002          SBR   LOADXX&3,LOADC                                    7  1002  H 796 938          10
171  1 009          SBR   CLEARL&3,GMWM                                     7  1009  H 710 W96          10
172  1 016          LCA   FUNLDB,PHASID                                     7  1016  L |35 110          11
173  1 023          B     LOADNX                                            4  1023  B 700              11
174  1 035  FUNLDB  DCW   @FUNLOAD B@                                       9  1035                     11
175  1 036  SETUP   BWZ   *&5,X3,2                               V3M4      8  1036  V |48 099 2         11
176  1 044          B     LOADB                                   V3M4      4  1044  B 983              11
177  1 048          BWZ   *&5,X3-2,S                             V3M4      8  1048  V |60 097 S         12
178  1 056          B     LOADB                                   V3M4      4  1056  B 983              12
179  1 060          SBR   X3,2000                                 V3M4      7  1060  H 099 !00          12
180  1 116          BIN   LOADB,                                  V3M4      5  1067  B 983              12
181                 ORG   1696                                                      1696
182  1 696  GMWM    DCW   @}@                                                 1  1696          GMARK   13
183                 EX    BEGINN                                                    B 934              14
184                 END                                                             / 000 080
```

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
ARYBOT	933	BEGINN	934	CLEARL	707	CLRBOT	833	CONBOT	930	EXLINK	840	FUNLDB	1035
FUNLDC	982	FUNTAB	924	GMWM	1696	IOLIST	2132	LOADB	983	LOADC	938	LOADNX	700
LOADXX	793	PHASID	110	SETUP	1036	SNAPSH	333	TPREAD	780	USER1	876	X3	99