```
SEQ PG LIN  LABEL  OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR
101                JOB   FORTRAN COMPILER -- REPLACE PHASE 2 -- PHASE 55
102                CTL   6611
103         *
104         * ADDRESS OF THE FIXED- AND FLOATING-WORD WORK-AREAS ARE
105         * INSERTED INTO THE GENERATED OBJECT PROGRAM.  INSTRUCTIONS
106         * WHICH BRANCH TO THE RELOCATABLE ROUTINES ARE CORRECTED TO
107         * SHOW THE OBJECT CORE-STORAGE ADDRESSES OF THESE ROUTINES.
108         * UNUSED CORE STORAGE IS CLEARED.
109         *
110         X1     EQU   89                                                      0089
111         X2     EQU   94                                                      0094
112         X3     EQU   99                                                      0099
113         *
114         * STUFF IN THE RESIDENT AREA
115         *
116         SUBENT EQU   191  ENTRY TO SUBSCRIPT ROUTINE, FROM SUBSC           0191
117         TOPCOR EQU   688  TOP CORE ADDRESS FROM PARAM CARD                 0688
118         *
119                EXT00   SNAPSH, LOADNX, CDOVLY                                          MACRO
120         SNAPSH EQU   333                                                   0333         GEN
121         PHASLD EQU   381                                                   0381         GEN
122         SNAPEX EQU   564                                                   0564         GEN
123         LOADNX EQU   700   CARD OVERLAY UNLESS NOP                        0700         GEN
124         CDOVLY EQU   700   1 IF LOADING FROM CARDS, N IF FROM TAPE        0700         GEN
125         TPREAD EQU   704   LOAD OVERLAY FROM TAPE                         0704         GEN
126         TPERR  EQU   728                                                   0728         GEN
127                EXT03   START, TOP OF PHASE 3                                            MACRO
128         BEGIN3 EQU   838                                                   0838         GEN
129         TOP3   EQU   2600                                                  2600         GEN
130                XT52A   STUFF IN PHASE 52A                                               MACRO
131         EXLINK EQU   840   139 I XLINKF ENTRY ADDRESS                     0840         GEN
132         USER1  EQU   876   127 R USER FUNCTION 01 ENTRY ADDRESS           0876         GEN
133         SUBSC  EQU   909   116 SUBSCRIPT                                  0909         GEN
134         OBLIST EQU   912   115 I/O LIST AND NOT LIMITED FORMAT           0912         GEN
135         SX2    EQU   927                                                   0927         GEN
136         CONBOT EQU   930   BOTTOM OF CONSTANTS - 1  FIXWD                 0930         GEN
137         ARYBOT EQU   933   BOTTOM OF ARRAYS - 1     FLTWD                 0933         GEN
138         BEG52A EQU   934   V3M4                                            0934         GEN
139                XT54A   STUFF IN PHASE 54A                                               MACRO
140         LOAD54 EQU   934                                                   0934         GEN
141         SKIPB  EQU   934   SKIP 54B -- LIMITED FORMAT                     0934         GEN
142         SKIPC  EQU   935   SKIP 54C -- NORMAL FORMAT                      0935         GEN
143         SKIPD  EQU   936   SKIP 54D -- A FORMAT                           0936         GEN
144         SKIP54 EQU   995   Q: LOADING FROM AUTOCODER TAPE?                0995         GEN
145         GMWM54 EQU   1070                                                  1070         GEN
146                XT54B   STUFF IN PHASE 54CD -- RUNTIME FORMAT ROUTINES                   MACRO
147         FMTBAS EQU   1697                                                  1697         GEN
148         LIMADR EQU   2015  USED IN DIMENSION PHASE 2                      2015         GEN
149         LGM    EQU   2031                                                  2031         GEN
150                EXT63   STUFF IN PHASE 63 -- ARITHMETIC INTERPRETER                     MACRO
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SEQ PG LIN  LABEL  OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR

151         ARITF  EQU   700                                                     0700             GEN
152         SETFP  EQU   831   LOADER PLUGS MANTISSA WIDTH INTO B               0831             GEN
153         DOSUB  EQU   1206  LOADER PLUGS SUBSCRIPT ROUTINE ADDRESS HERE      1206             GEN
154         QFUNCT EQU   1327  GO TO FUNCTION SELECTOR                         1327             GEN
155         ARITI  EQU   1530  LOADER PUTS INTEGER SIZE IN B                    1530             GEN
156         AGMWM  EQU   1696                                                    1696             GEN
157         *
158         * TAKE A SNAPSHOT REGARDLESS OF WHICH OF PHASES 54BCD WERE LOADED
159         * BY PHASE 54A, THEN CLEAR IT.
160         *
161                ORG   201                                                          0201
162         CLR54A CLRA  LOAD54,GMWM54,C,HERE                                                MACRO
            *      CLRA  CLRBOT,CLRTOP[,SS,HERE,GWMAD]                               GEN
            *                                                                       GEN
            * CLEAR CORE AFTER A PHASE USING THE CLRTOP ADDRESS                     GEN
            *                                                                       GEN
            *                                                                       GEN
            * CLEAR DOWN TO CLRBOT & X00 THE EASY WAY                               GEN
            *                                                                       GEN
163         CLR54A EQU   *&1                                                 0201   GEN
164                BSS   SNAPSH,C                                        5  0201  B 333 C     GEN      1   333
165         )0J007 CS    GMWM54         CLEAR FROM CLRTOP                 4  0206  / |70       GEN      1  1070
166                SBR   )0J007&3                                         4  0210  H 209       GEN      1   209
167                SBR   )0L007&6                                         4  0214  H 255       GEN      1   255
168                C     )0J007&3,)0M007   DOWN TO CLRBOT & X00?          7  0218  C 209 266   GEN      1   209     266
169                BU    )0J007                                           5  0225  B 206 /     GEN      1   206
            *                                                                       GEN
            * NOW CLEAR DOWN TO CLRBOT THE HARD WAY                                GEN
            *                                                                       GEN
170         )0K007 C     )0L007&6,)0N007                                   7  0230  C 255 269   GEN      1   255     269
171                BU    )0L007                                           5  0237  B 249 /     GEN      2   249
172                CS    LOADNX,)0Q007  LOAD THE NEXT BLOCK AT 1          7  0242  / 700 276   GEN      2   700     276
173         )0L007 LCA   )0P007,0-0     CLEAR WITH BLANK AND WORD MARK    7  0249  L 270 000   GEN      2   270     000
174                SBR   )0L007&6                                         4  0256  H 255       GEN      2   255
175                B     )0K007                                           4  0260  B 230       GEN      2   230
176         )0M007 DSA   )0R007         CLRBOT & X00 - 1                  3  0266  999         GEN      2   999
177         )0N007 DSA   LOAD54         CLRBOT                            3  0269  934         GEN      2   934
178         )0P007 DCW   #1                                                1  0270              GEN      3
179                DC    @CLRA @     IDENTIFY IN A DECK, TAPE, OR DUMP     5  0275              GEN      3
180         )0Q007 DCW   @}@                                               1  0276              GEN      3
181                ORG   LOAD54&X00                                                 1000
182         )0R007 EQU   *           CLRBOT & X00 - 1                          0999             GEN
183                XFR   CLR54A                                                     B 201                4   201
184         *
185         * LOAD PHASE 55
186         *
187         PHAS55 LDPH  REPLACE 2,LOADAD,BEGN55,,,55                                        MACRO
            * PHAZ   LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]       GEN
            *        XFR  PHASZ     PROHIBITED IN A MACRO                          GEN
            *                                                                       GEN
```

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SEQ PG LIN  LABEL   OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR

            * LOAD A BLOCK                                                                 GEN
            *                                                                              GEN
188         )6J008  EQU   110  PHASE ID                                          0110      GEN
189         )6K008  EQU   700  LOAD NEXT PHASE                                  0700      GEN
190         )6L008  EQU   704  TAPE READ INSTRUCTION                            0704      GEN
191         )6M008  EQU   728  TAPE ERROR HANDLER                               0728      GEN
            *                                                                              GEN
192                 ORG   201                                                     0201
193         PHAS55  BSS   )8J008,G                                          5   0201  B 257 G     GEN      5   257
194                 NOP     TO PATCH IN TRAPS FOR DEBUGGING                 1   0206  N           GEN      5
195         )0J008  EQU   *&1                                                   0207      GEN
196                 LCA   )9J008,)6J008                                     7   0207  L 281 110   GEN      5   281     110
197                 BCE   )1J008,)6K008,1    Q: LOADING FROM CARDS?        8   0214  B 250 700 1 GEN      5   250     700
198                 BCE   )1J008,)6L008&4,0  Q: LOADING FROM AUTOCODER TAPE? 8   0222  B 250 708 0 GEN      5   250     708
199                 RTW   1,LOADAD          READ THE BLOCK                  8   0230  L %U1 934 R GEN      5   %U1     934
200                 BER   )6M008            Q: TAPE ERROR?                  5   0238  B 728 L     GEN      6   728
201                 CS    BEGN55,)9R008     ENTER THE BLOCK                 7   0243  / 934 285   GEN      6   934     285
202         )1J008  CS    )6K008,)9R008     LOAD CARDS OR AUTOCODER TAPE    7   0250  / 700 285   GEN      6   700     285
203         )8J008  SW    )9R008                                            4   0257  , 285       GEN      6   285
204                 MU    %T0,)8K008,W                                      8   0261  M %T0 273 W GEN      6   %T0     273
205                 H     )0J008                                            4   0269  . 207       GEN      6   207
206         )8K008  EQU   *&1                                                   0273      GEN
207         )9J008  DCW   @REPLACE 2@          PHASE ID                    9   0281      GEN      7
208                 DCW   #1                                                1   0282      GEN      7
209                 DC    @55@          PHASE NUMBER                        2   0284      GEN      7
210         )9R008  DCW   @}@                                               1   0285      GEN      7
211                 XFR   PHAS55                                                  B 201               8   201
212         *
213                 ORG   BEG52A                                                  0934
214         LOADAD  EQU   *&1                                                   0934
215     934 BEGN55  SBR   SX3,1&X3                                        7   0934  H U76 0?1           9  1476     001+3
216     941         SW    1&X3                                          4   0941  , 0?1               9   001+3
217     945         SBR   MYSX2,0&X2                                    7   0945  H U79 0!0           9  1479     000+2
218     952         SBR   SX1,0&X1                                      7   0952  H U82 0|0           9  1482     000+1
219     959         MCW   TOPCOR,X2                                     7   0959  M 688 094           9   688     094
220     966         C     0&X2                                          4   0966  C 0!0               9   000+2
221     970         C                                                   1   0970  C                   9
222     971         C                                                   1   0971  C                  10
223     972         SBR   RBRACK&6                                      4   0972  H T56              10  1356
224     976         MCW   86,X2                                         7   0976  M 086 094          10   086     094
225     983         MN    0&X2                                          4   0983  D 0!0              10   000+2
226     987         SAR   SX2A                                          4   0987  Q U85              10  1485
227         *
228         * GO THROUGH THE RELOCATABLE LIBRARY LOOKING FOR CODES
229         * THAT INDICATE VARIOUS KINDS OF RELOCATION:
230         * T WITH A WORD MARK MEANS A IS AN ADDRESS IN THE FUNCTION
231         *   TABLE; CONVERT THE T TO A B.
232         *
233     991 LOOP    C     X3,MYSX2                                      7   0991  C 099 U79          10   099    1479
234     998 LOOPT   BE    LOOPX                                         5   0998  B /57 S            10  1157
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SEQ PG LIN  LABEL  OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR

235  1 003         C     0&X3                                             4  1003  C 0?0              11   000+3
236  1 007         SBR   X2                                               4  1007  H 094              11   094
237  1 011         SBR   X3                                               4  1011  H 099              11   099
238  1 015         BCE   TRANSF,1&X3,T  OP CODE IS T?                     8  1015  B |95 0?1 T        11  1095     001+3
239  1 023  CHECKA MCW   4&X3,W3         CHECK A FIELD ADDRESS            7  1023  M 0?4 U88          11   004+3  1488
240  1 030         BCE   SEMUND,W3-2,;  SEMICOLON?                       8  1030  B T61 U86 ;        11  1361    1486
241  1 038         BCE   SEMUND,W3-2,_  UNDERSCORE?                      8  1038  B T61 U86 _        12  1361    1486
242  1 046         BCE   RBRACK,W3-2,]  RIGHT BRACKET?                   8  1046  B T50 U86 ]        12  1350    1486
243  1 054         MCW   W3,4&X3        W3 BACK TO A ADDRESS             7  1054  M U88 0?4          12  1488     004+3
244  1 061  CHECKB MCW   7&X3,W3         CHECK B FIELD ADDRESS            7  1061  M 0?7 U88          12   007+3  1488
245  1 068         BCE   SEMUND,W3-2,;  SEMICOLON?                       8  1068  B T61 U86 ;        12  1361    1486
246  1 076         BCE   SEMUND,W3-2,_  UNDERSCORE?                      8  1076  B T61 U86 _        13  1361    1486
247  1 084         MCW   W3,7&X3        W3 BACK TO B ADDRESS             7  1084  M U88 0?7          13  1488     007+3
248  1 091         B     LOOP                                             4  1091  B 991              13   991
249         *
250         * REPLACE T XXX WITH B YYY WHERE YYY IS TAKEN FROM XXX.
251         *
252  1 095  TRANSF BCE   LOOP,4&X3,$                                      8  1095  B 991 0?4 $        13   991     004+3
253  1 103         C     0&X3,BARITF&3                                    7  1103  C 0?0 U92          13   000+3  1492
254  1 110         BE    LOOP                                             5  1110  B 991 S            13   991
255  1 115         BW    CHECKA,4&X2  NOT A TRANSFER IF ANY               8  1115  V |23 0!4 1        14  1023     004+2
256  1 123         BWZ                  OF THE NEXT THREE                1  1123  V                  14
257  1 124         BWZ                    CHARACTERS HAS A WORD MARK     1  1124  V                  14
258  1 125         MCW   BRANCH,1&X3  CONVERT TO BRANCH                   7  1125  M U93 0?1          14  1493     001+3
259  1 132         MCW   4&X2,X1      TABLE ADDRESS TO X1                7  1132  M 0!4 089          14   004+2   089
260  1 139         MCW   0&X1,X1      TABLE ENTRY TO X1 (WHY???)         7  1139  M 0|0 089          14   000+1   089
261  1 146         MCW   X1,4&X2        AND A ADDRESS                    7  1146  M 089 0!4          14   089     004+2
262  1 153         B     CHECKA                                           4  1153  B |23              15  1023
263         *
264         * REPEAT THE LOOP FOR THE FORMAT CODE
265         *
266  1 157  LOOPX  MCW   APASS3,LOOPT&3                                   7  1157  M U96 |01          15  1496    1001
267  1 164         MCW   SX1,X3                                           7  1164  M U82 099          15  1482     099
268  1 171         MCW   AFMT,MYSX2                                       7  1171  M U99 U79          15  1499    1479
269  1 178         B     LOOP                                             4  1178  B 991              15   991
270         *
271         * CLEAR UNUSED CORE
272         *
273  1 182  PASS3  MCW   SX3,X3                                           7  1182  M U76 099          15  1476     099
274  1 189         SBR   X3,1&X3                                          7  1189  H 099 0?1          16   099     001+3
275  1 196         MZ    X3,K999A                                         7  1196  Y 099 U70          16   099    1470
276  1 203         MZ                                                     1  1203  Y                  16
277  1 204         MCW                                                    1  1204  M                  16
278  1 205         MZ    83,K999B                                         7  1205  Y 083 U73          16   083    1473
279  1 212         MZ                                                     1  1212  Y                  16
280  1 213         MCW                                                    1  1213  M                  16
281  1 214         C     K999A,K999B                                      7  1214  C U70 U73          17  1470    1473
282  1 221         BE    EQUAL                                            5  1221  B S84 S            17  1284
283  1 226         MCW   83,X3                                           7  1226  M 083 099          17   083     099
284  1 233  CLRHLP CS    0&X3  CLEAR HUNDRED AT A TIME                    4  1233  / 0?0              17   000+3
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SEQ PG LIN  LABEL  OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR

285  1 237         SBR   X3                                                   4  1237  H 099               17   099
286  1 241         C     X3,K999A                                             7  1241  C 099 U70           17   099    1470
287  1 248         BU    CLRHLP                                               5  1248  B S33 /             17  1233
288  1 253  CLR1LP C     X3,SX3                                               7  1253  C 099 U76           18   099    1476
289  1 260         BE    CLRL1X                                               5  1260  B S95 S             18  1295
290  1 265         LCA   KB1,0&X3  CLEAR                                      7  1265  L V00 0?0           18  1500     000+3
291  1 272         SBR   X3          ONE AT                                   4  1272  H 099               18   099
292  1 276         CW    1&X3          A TIME                                 4  1276  ) 0?1               18   001+3
293  1 280         B     CLR1LP                                               4  1280  B S53               18  1253
294         *
295         * X3 AND 83 IN SAME HUNDREDS
296         *
297  1 284  EQUAL  MCW   83,X3                                                 7  1284  M 083 099           18   083     099
298  1 291         B     CLR1LP                                               4  1291  B S53               19  1253
299         *
300         * FILL EMPTY CORE WITH RIGHT BRACKETS, EXCEPT FOR THE
301         * LAST CHARACTER, WHICH GETS A RECORD MARK.
302         *
303  1 295  CLRL1X MCW   83,X3                                                 7  1295  M 083 099           19   083     099
304  1 302         MCW   RM,0&X3                                              7  1302  M V01 0?0           19  1501     000+3
305  1 309         SBR   X3                                                   4  1309  H 099               19   099
306  1 313         MCW   KRBRAK,0&X3                                          7  1313  M V02 0?0           19  1502     000+3
307  1 320         MCW   0&X3                                                 4  1320  M 0?0               19   000+3
308  1 324         SBR   X3                                                   4  1324  H 099               19   099
309  1 328         LCA   KB1,2&X3                                            7  1328  L V00 0?2           20  1500     002+3
310  1 335         LCA   KB1                                                  4  1335  L V00               20  1500
311  1 339         MCW   SUBSC,SUBENT                                         7  1339  M 909 191           20   909     191
312  1 383         B     LOADNX                                               4  1346  B 700               20   700
313         *
314         * A FIELD BEGINS WITH RIGHT BRACKET
315         *
316  1 387  RBRACK SBR   4&X3,0                                               7  1350  H 0?4 000           20   004+3   000
317  1 394         B     CHECKB                                               4  1357  B |61               20  1061
318         *
319         * A OR B FIELD BEGINS WITH SEMICOLON OR UNDERSCORE
320         * SEMICOLON ADDS OR SUBTRACTS NEXT TWO DIGITS TO ARUBOT.
321         * UNDERSCORE ADDS OR SUBTRACTS NEXT TWO DIGITS FROM CONBOT.
322         * AB ZONE MEANS ADD, ELSE SUBTRACT.
323         *
324  1 398  SEMUND SBR   EXIT&3                                               4  1361  H U48               20  1448
325  1 402         MCW   CONBOT,X2                                            7  1365  M 930 094           21   930     094
326  1 409         BCE   *&8,W3-2,_  UNDERSCORE?                              8  1372  B T87 U86 _         21  1387    1486
327  1 417         MCW   ARYBOT,X2                                           7  1380  M 933 094           21   933     094
328  1 424         BCE   NOOFF,W3,0  NO OFFSET IF LOW ORDER DIGIT ZERO        8  1387  B U38 U88 0         21  1438    1488
329  1 432         BWZ   ADD,W3,B    ADD UNZONED OFFSET                       8  1395  V U49 U88 B         21  1449    1488
330  1 440         SW    W3-1                                                 4  1403  , U87               22  1487
331  1 444  DECR   A     KP1,W3      SUBTRACT                                 7  1407  A V03 U88           22  1503    1488
332  1 451         BWZ   DECRX,W3,B    UNZONED W3                            8  1414  V U34 U88 B         22  1434    1488
333  1 459         MN    0&X2             FROM                               4  1422  D 0!0               22   000+2
334  1 463         SAR   X2                 X2                               4  1426  Q 094               22   094
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SEQ PG LIN  LABEL  OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR

335  1 467         B     DECR                                             4  1430  B U07              22  1407
336  1 471  DECRX  CW    W3-1                                             4  1434  ) U87              22  1487
337  1 475  NOOFF  MCW   X2,W3                                           7  1438  M 094 U88          23   094    1488
338  1 482  EXIT   B     0                                                4  1445  B 000              23   000
339  1 486  ADD    MN    W3,REW3&6                                        7  1449  D U88 U63          23  1488    1463
340  1 493         MN                                                     1  1456  D                  23
341  1 494  REW3   SBR   W3,0&X2  X2 PLUS UNZONED OFFSET TO W3           7  1457  H U88 0!0          23  1488     000+2
342  1 501         B     EXIT                                             4  1464  B U45              23  1445
343         *
344         * DATA
345         *
346  1 507  K999A  DSA   999                                            3  1470  999                23   999
347  1 510  K999B  DSA   999                                            3  1473  999                24   999
348  1 513  SX3    DCW   #3                                             3  1476                     24
349  1 516  MYSX2  DCW   #3                                             3  1479                     24
350  1 519  SX1    DCW   #3                                             3  1482                     24
351  1 522  SX2A   DCW   #3                                             3  1485                     24
352  1 525  W3     DCW   #3                                             3  1488                     24
353  1 526  BARITF B     ARITF                                          4  1489  B 700              24   700
354  1 530  BRANCH B                                                    1  1493  B                  25
355  1 533  APASS3 DSA   PASS3                                          3  1496  /82                25  1182
356  1 536  AFMT   DSA   FMTBAS-1  ONE BEFORE FORMAT                    3  1499  W96                25  1696
357  1 537  KB1    DCW   #1                                             1  1500                     25
358  1 538  RM     DCW   @|@                                            1  1501                     25
359  1 539  KRBRAK DCW   @]@                                            1  1502                     25
360  1 548  KP1    DCW   &1                                             1  1503                     25
361  1 549  GMWM   DCW   @}@                                            1  1504           GMARK     26
362                XFR   BEGN55                                                 B 934              27   934
363         CLRME  CLRA  BEGIN3,GMWM,C                                                 MACRO
            *      CLRA  CLRBOT,CLRTOP[,SS,HERE,GWMAD]                                 GEN
            *                                                                          GEN
            * CLEAR CORE AFTER A PHASE USING THE CLRTOP ADDRESS                        GEN
            *                                                                          GEN
364                ORG   201                                                    0201
            *                                                                        GEN
            * CLEAR DOWN TO CLRBOT & X00 THE EASY WAY                                GEN
            *                                                                        GEN
365         CLRME  EQU   *&1                                                 0201    GEN
366                BSS   SNAPSH,C                                           5  0201  B 333 C     GEN     28   333
367         )0J009 CS    GMWM         CLEAR FROM CLRTOP                      4  0206  / V04       GEN     28  1504
368                SBR   )0J009&3                                           4  0210  H 209       GEN     28   209
369                SBR   )0L009&6                                           4  0214  H 255       GEN     28   255
370                C     )0J009&3,)0M009   DOWN TO CLRBOT & X00?           7  0218  C 209 266   GEN     28   209     266
371                BU    )0J009                                             5  0225  B 206 /     GEN     28   206
            *                                                                        GEN
            * NOW CLEAR DOWN TO CLRBOT THE HARD WAY                                  GEN
            *                                                                        GEN
372         )0K009 C     )0L009&6,)0N009                                    7  0230  C 255 269   GEN     28   255     269
373                BU    )0L009                                             5  0237  B 249 /     GEN     29   249
374                CS    LOADNX,)0Q009  LOAD THE NEXT BLOCK AT 1            7  0242  / 700 276   GEN     29   700     276
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SEQ PG LIN  LABEL   OP    OPERANDS                                    SFX CT  LOCN  INSTRUCTION TYPE  CARD A-ADDR  B-ADDR

375         )0L009 LCA   )0P009,0-0     CLEAR WITH BLANK AND WORD MARK      7  0249  L 270 000   GEN     29   270     000
376                SBR   )0L009&6                                           4  0256  H 255       GEN     29   255
377                B     )0K009                                           4  0260  B 230       GEN     29   230
378         )0M009 DSA   )0R009         CLRBOT & X00 - 1                  3  0266  899         GEN     29   899
379         )0N009 DSA   BEGIN3         CLRBOT                            3  0269  838         GEN     29   838
380         )0P009 DCW   #1                                                1  0270              GEN     30
381                DC    @CLRA @     IDENTIFY IN A DECK, TAPE, OR DUMP     5  0275              GEN     30
382         )0Q009 DCW   @}@                                               1  0276              GEN     30
383                ORG   BEGIN3&X00                                                 0900
384         )0R009 EQU   *           CLRBOT & X00 - 1                        0899              GEN
385                XFR   CLRME                                                    B 201               31   201
```

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J007	0206: 0	)0J008	0207: 0	)0J009	0206: 0	)0K007	0230: 0	)0K009	0230: 0	)0L007	0249: 0
)0L009	0249: 0	)0M007	0266: 0	)0M009	0266: 0	)0N007	0269: 0	)0N009	0269: 0	)0P007	0270: 0
)0P009	0270: 0	)0Q007	0276: 0	)0Q009	0276: 0	)0R007	0999: 0	)0R009	0899: 0	)1J008	0250: 0
)6J008	0110: 0	)6K008	0700: 0	)6L008	0704: 0	)6M008	0728: 0	)8J008	0257: 0	)8K008	0273: 0
)9J008	0281: 0	)9R008	0285: 0	ADD	1449: 0	AFMT	1499: 0	AGMWM	1696: 0	APASS3	1496: 0
ARITF	0700: 0	ARITI	1530: 0	ARYBOT	0933: 0	BARITF	1489: 0	BEG52A	0934: 0	BEGIN3	0838: 0
BEGN55	0934: 0	BRANCH	1493: 0	CDOVLY	0700: 0	CHECKA	1023: 0	CHECKB	1061: 0	CLR1LP	1253: 0
CLR54A	0201: 0	CLRHLP	1233: 0	CLRL1X	1295: 0	CLRME	0201: 0	CONBOT	0930: 0	DECR	1407: 0
DECRX	1434: 0	DOSUB	1206: 0	EQUAL	1284: 0	EXIT	1445: 0	EXLINK	0840: 0	FMTBAS	1697: 0
GMWM	1504: 0	GMWM54	1070: 0	K999A	1470: 0	K999B	1473: 0	KB1	1500: 0	KP1	1503: 0
KRBRAK	1502: 0	LGM	2031: 0	LIMADR	2015: 0	LOAD54	0934: 0	LOADAD	0934: 0	LOADNX	0700: 0
LOOP	0991: 0	LOOPT	0998: 0	LOOPX	1157: 0	MYSX2	1479: 0	NOOFF	1438: 0	OBLIST	0912: 0
PASS3	1182: 0	PHAS55	0201: 0	PHASLD	0381: 0	QFUNCT	1327: 0	RBRACK	1350: 0	REW3	1457: 0
RM	1501: 0	SEMUND	1361: 0	SETFP	0831: 0	SKIP54	0995: 0	SKIPB	0934: 0	SKIPC	0935: 0
SKIPD	0936: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	SUBENT	0191: 0	SUBSC	0909: 0	SX1	1482: 0
SX2	0927: 0	SX2A	1485: 0	SX3	1476: 0	TOP3	2600: 0	TOPCOR	0688: 0	TPERR	0728: 0
TPREAD	0704: 0	TRANSF	1095: 0	USER1	0876: 0	W3	1488: 0	X1	0089: 0	X2	0094: 0
X3	0099: 0										

UNREFERENCED SYMBOLS

AGMWM ARITI CDOVLY DOSUB EXLINK LGM LIMADR OBLIST PHASLD QFUNCT SETFP SKIP54 SKIPB SKIPC SKIPD SNAPEX SX2
TOP3 TPERR TPREAD USER1