```
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
```

FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26   PAGE   2

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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                        FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26                              PAGE    3

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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FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26   PAGE   5

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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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                          FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26   PAGE   6

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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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                    FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26                              PAGE    7

 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  @0123456789@                                        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
```

phase-26.25.asc   Mon Jul 14 23:50:04 2008   8

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						