```
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 -- EQUIVALENCE PHASE TWO -- 11                          PAGE    1

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

 101               JOB   FORTRAN COMPILER -- EQUIVALENCE PHASE TWO -- 11
 102               CTL   6611
 103         *
 104         * THE DIMENSION TABLE IS ALTERED TO SHOW THE RELATIONSHIP
 105         * BETWEEN ARRAYS.  THE PROCEDURE, ESSENTIALLY, IS TO MAKE
 106         * EVERY ARRAY WHOSE FIRST ELEMENT IS EQUIVALENT TO A SECONDARY
 107         * ELEMENT OF ANOTHER ARRAY KNOW THE DISTANCE TO THE FIRST
 108         * ELEMENT OF THE LATTER ARRAY.
 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         PHASID EQU   110  PHASE ID, FOR SNAPSHOT DUMPS                    0110
 117         GLOBER EQU   184  GLOBAL ERROR FLAG -- WM MEANS ERROR             0184
 118         SNAPSH EQU   333  CORE DUMP SNAPSHOT                              0333
 119         LOADNX EQU   700  LOAD NEXT OVERLAY                               0700
 120         CLEARL EQU   707  CS AT START OF OVERLAY LOADER                   0707
 121         TPREAD EQU   780  TAPE READ INSTRUCTION IN OVERLAY LOADER         0780
 122         LOADXX EQU   793  EXIT FROM OVERLAY LOADER                        0793
 123         CLRBOT EQU   833  BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER       0833
 124         *
 125         * STUFF IN THE PREVIOUS OVERLAY
 126         *
 127         GM     EQU   839   GROUP MARK, IN PREVIOUS PHASE                  0839
 128         PREFIX EQU   849                                                  0849
 129         NEXT   EQU   852   ONE BELOW NEXT SLOT IN ARRAY TABLE             0852
 130         OFF1   EQU   857   OFFSET WORK AREA                               0857
 131         CLASS1 EQU   860   EQUIVALENCE CLASS LINK                         0860
 132         OFF2   EQU   865   OFFSET WORK AREA                               0865
 133         CLASS2 EQU   868   EQUIVALENCE CLASS LINK                         0868
 134         OFF3   EQU   873   OFFSET WORK AREA                               0873
 135         NEXT3  EQU   876   EQUIVALENCE CLASS LINK                         0876
 136         SYNTAX EQU   883   SYNTAX ERROR ROUTINE                          0883
 137         NXSTMT EQU   1115  PROCESS THE NEXT STATEMENT                     1115
 138         GOTLP  EQU   1158  GET TO NEXT VARIABLE IN STATEMENT             1158
 139         NXTVAR EQU   1165  PROCESS NEXT VARIABLE                          1165
 140         *
 141         * THIS PHASE ACTUALLY STARTS AT NXSTMT IN THE PREVIOUS OVERLAY.
 142         * HERE X1 POINTS ONE BELOW THE BOTTOM CHARACTER OF A VARIABLE IN
 143         * A STATEMENT AND X2 POINTS AT THE TOPMOST CHARACTER OF THE NAME
 144         * OF THE CORRESPONDING VARIABLE IN THE ARRAY TABLE.
 145         *
 146         * EACH ELEMENT OF THE ARRAY TABLE HAS ONE OR TWO VARIABLE-WIDTH
 147         * DIMENSION FIELDS (FIRST DIMENSION HIGHER IN CORE), WITH THE
```

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

148          * DIGITS OF THE DIMENSIONS NOT REVERSED, A FIVE DIGIT OFFSET
149          * FROM THE BASE OF THE EQUIVALENCE CLASS, A THREE-CHARACTER LINK
150          * TO THE BASE MEMBER OF THE EQUIVALENCE CLASS, A THREE-CHARACTER
151          * LINK TO THE NEXT ELEMENT, A THREE-CHARACTER LINK TO THE
152          * PREVIOUS ELEMENT, THE NAME (VARIABLE WIDTH), AND A GROUP MARK
153          * WITH A WORD MARK.  THE GMWM OF THE TOPMOST ELEMENT IS AT
154          * TOPCOR-3, AND TOPCOR-2 .. TOPCOR ARE BLANK.
155          *
156          * THE NEXT AND PREV POINTERS ARE REDIRECTED SO THAT ELEMENTS OF
157          * AN EQUIVALENCE CLASS ARE CONSECUTIVE, AND ASCENDING ORDER BY
158          * OFFSET.
159          *
160          * BELOW THE ARRAY TABLE, BUILD A TABLE OF CLASSES, EACH ELEMENT
161          * HAVING A FIVE-DIGIT OFFSET AND A LINK TO THE FIRST ELEMENT OF
162          * THE CLASS IN THE ARRAY TABLE.
163          *
164          * AT EXIT, X3 IS ONE BELOW THE GM AT THE BOTTOM OF THE ARRAY
165          * TABLE, AND X1 IS THE TOP (PREFIX) OF THE FIRST STATEMENT
166          * AFTER (BELOW) THE LAST EQUIVALENCE.
167          *
168          * COME HERE FROM FIND ROUTINE IN PREVIOUS PHASE WHEN IT FINDS
169          * THE VARIABLE IN THE ARRAY TABLE.
170          *
171                 ORG   1181                                                      1181
172          LOADDD EQU   *&1          LOAD ADDRESS                          1181
173  1 181          LCA   KZ5,OFF2                                        7  1181  L Z91 865           4
174  1 188          NOP   0&X2                                            4  1188  N 0!0              4
175  1 192          MCW             SKIP NAME                             1  1192  M                  4
176  1 193          MCW             SKIP "NEXT" POINTER                   1  1193  M                  4
177  1 194          MCW             SKIP "PREV" POINTER                   1  1194  M                  4
178  1 195          MCW             SKIP "CLASS" POINTER                  1  1195  M                  4
179  1 196          SAR   X2        X2 NOW POINTS AT 5-DIGIT OFFSET       4  1196  Q 094              4
180  1 200          BAV   *&1       TURN OFF ARITHMETIC OVERFLOW FLAG      5  1200  B S05 Z            5
181  1 205          S     W3                                              4  1205  S Z94              5
182  1 209  MORE    BCE   NEW,1&X2,  OFFSET EMPTY?                       8  1209  B S47 0!1          5
183  1 217          A     0&X2,OFF2                                       7  1217  A 0!0 865          5
184  1 224          MCW   3&X2,X2    NEXT ELEMENT IN EQUIVALENCE CLASS     7  1224  M 0!3 094          5
185  1 231          A     KP1,W3     COUNT ELEMENTS IN CLASS               7  1231  A Z95 Z94          5
186  1 238          BAV   FIXIT      ERROR IF OVERFLOW -- CIRCULAR LIST?   5  1238  B Z51 Z            6
187  1 243          B     MORE                                            4  1243  B S09              6
188  1 247  NEW     MCW   X2,CLASS2                                       7  1247  M 094 868          6
189  1 254          BCE   SUBS,0&X1,%  VARIABLE IN EQUIVALENCE SUBSCRIPTED?  8  1254  B V92 0|0 %        6
190  1 262          A     K1,OFF2    BUMP OFFSET                          7  1262  A Z96 865          6
191  1 269  TOTOP   MCW   NEXT3,X3   TOP OF CLASS TABLE                   7  1269  M 876 099          6
192  1 276          LCA   OFF1,OFF3                                       7  1276  L 857 873          7
193  1 283          S     OFF2,OFF3                                       7  1283  S 865 873          7
194  1 290          BM    NEG,OFF3   OFF2 .LT. OFF1?                      8  1290  V W53 873 K        7
195  1 298          LCA   CLASS2,0&X3                                     7  1298  L 868 0?0          7
196  1 305          SBR   NEXT3                                           4  1305  H 876              7
197  1 309  GETNXT  BCE   NXTVAR,0&X1,,                                   8  1309  B /65 0|0 ,        8
```

```
SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
198  1 317          BCE   EQVFIN,0&X1,)  EQUIVALENCE GROUP DONE              8  1317  B T29 0|0 )          8
199  1 325          B     SYNTAX                                            4  1325  B 883                8
200  1 329  EQVFIN MN    0&X1       SKIP RIGHT PAREN                       4  1329  D 0|0                8
201  1 333          MN              SKIP COMMA IF STATEMENT NOT ENDED      1  1333  D                    8
202  1 334          SAR   SAVX1      LEFT PAREN IF STATEMENT NOT ENDED      4  1334  Q Z99                8
203  1 338          MCW   NEXT3,X3                                         7  1338  M 876 099            8
204  1 345          LCA   DOLLAR,0&X3  MARK BOTTOM OF CLASS TABLE          7  1345  L !00 0?0            9
205          *
206          * SEARCH THE CLASS TABLE FOR THE LINK TO THE CLASS IN CLASS1
207          *
208  1 352          MCW   NEXT,X3      TOP OF CLASS TABLE                  7  1352  M 852 099            9
209  1 359  TSTBOT BCE   ATBOT,0&X3,$  AT BOTTOM OF CLASS TABLE?           8  1359  B W83 0?0 $          9
210  1 367          MCW   0&X3,WNEXT                                       7  1367  M 0?0 !03            9
211  1 374          C     CLASS1,WNEXT                                      7  1374  C 860 !03            9
212  1 381          BE    TESTRI    IT'S EITHER REDUNDANT OR ILLEGAL        5  1381  B Y28 S             10
213  1 386  BACKRI MCW   0&X3,X2                                          7  1386  M 0?0 094           10
214  1 393          SAR   NEXT3                                           4  1393  Q 876               10
215  1 397          BCE   EMPTY,0&X2,                                     8  1397  B U09 0!0           10
216  1 405          B     FULL       ENTRY HAS AN OFFSET                  4  1405  B Z72               10
217  1 409  EMPTY  MCW   9&X2,X1    PREV TO X1                            7  1409  M 0!9 089           10
218  1 416  EMPTYL MCW   6&X2,X3    NEXT FROM X3 IS X3                    7  1416  M 0!6 099           11
219  1 423          BCE   ENDTAB,X3,  AT END OF ARRAY TABLE?              8  1423  B U47 099           11
220  1 431          BCE   ENDTAB,1&X3,                                    8  1431  B U47 0?1           11
221  1 439          SBR   X2         NEXT TO X2                           4  1439  H 094               11
222  1 443          B     EMPTYL                                          4  1443  B U16               11
223  1 447  ENDTAB BCE   ENDTB2,X3,  AT END OF ARRAY TABLE?              8  1447  B U62 099           11
224  1 455          MCW   X1,9&X3                                         7  1455  M 089 0?9           12
225  1 462  ENDTB2 BCE   NOPREV,X1,   NO PREV LINK?                      8  1462  B X24 089           12
226  1 470          MCW   X3,6&X1                                        7  1470  M 099 0|6           12
227  1 477  ENDTB3 MCW   CLASS1,X1                                       7  1477  M 860 089           12
228  1 484          MCW   6&X1,6&X2                                      7  1484  M 0|6 0!6           12
229  1 491          MCW   6&X1,X3                                        7  1491  M 0|6 099           13
230  1 498          MCW   X2,9&X3                                        7  1498  M 094 0?9           13
231  1 505          MCW   NEXT3,X3                                       7  1505  M 876 099           13
232  1 512          MCW   3&X3,X2                                        7  1512  M 0?3 094           13
233  1 519          MCW   X2,6&X1                                        7  1519  M 094 0|6           13
234  1 526          MCW   X1,9&X2                                        7  1526  M 089 0!9           14
235  1 533          MCW   CLASS1,3&X2                                    7  1533  M 860 0!3           14
236  1 540          MCW                                                  1  1540  M                   14
237  1 541          S     0&X3,0&X2                                      7  1541  S 0?0 0!0           14
238  1 548          SAR   X3                                             4  1548  Q 099               14
239  1 552          BW    TSTBOT,FLAG                                    8  1552  V T59 J44 1         14
240  1 560          SW    FLAG                                           4  1560  , J44               14
241  1 564          C     0&X2,WOFF                                      7  1564  C 0!0 J43           15
242  1 571          BE    RED1                                           5  1571  B V84 S             15
243  1 576          B     ILLEGL                                         4  1576  B Y67               15
244  1 580          B     TSTBOT                                         4  1580  B T59               15
245          *
246          * REDUNDANT EQUIVALENCE
247          *
```

```
SEQ PG LIN  LABEL  OP    OPERANDS                                          SFX CT  LOCN  INSTRUCTION TYPE  CARD
 248  1 584  RED1   B     REDUND                                              4  1584  B Z09               15
 249  1 588         B     TSTBOT                                              4  1588  B T59               15
 250         *
 251         * VARIABLE IN EQUIVALENCE HAS SUBSCRIPT
 252         *
 253  1 592  SUBS   MN    877                                                 4  1592  D 877               15
 254  1 596         MN                                                        1  1596  D                   16
 255  1 597         SAR   X3         WHY NOT SBR X3,NEXT3-1?                  4  1597  Q 099               16
 256  1 601         SBR   X1,0&X1                                           7  1601  H 089 0|0           16
 257         *
 258         * MOVE SUBSCRIPT, IN FORWARD ORDER, TO CLASS TABLE
 259         *
 260  1 608  SUBSL  MCW   0&X1,CHTEST                                        7  1608  M 0|0 !04           16
 261  1 615         SAR   X1                                                4  1615  Q 089               16
 262  1 619         BCE   SUBSX,CHTEST,)                                    8  1619  B W42 !04 )         16
 263  1 627         MCW   CHTEST,2&X3                                       7  1627  M !04 0?2           16
 264  1 634         SBR   X3                                                4  1634  H 099               17
 265  1 638         B     SUBSL                                             4  1638  B W08               17
 266         *
 267  1 642  SUBSX  A     1&X3,OFF2                                         7  1642  A 0?1 865           17
 268  1 649         B     TOTOP                                             4  1649  B S69               17
 269         *
 270  1 653  NEG    BCE   FIRST,OFF1,  STILL EMPTY?                        8  1653  B W72 857           17
 271  1 661         LCA   CLASS1,0&X3                                       7  1661  L 860 0?0           17
 272  1 668         SBR   NEXT3                                            4  1668  H 876               17
 273  1 672  FIRST  MCW   CLASS2,CLASS1  CURRENT ONE HAS LEAST OFFSET       7  1672  M 868 860           18
 274  1 679         B     GETNXT                                            4  1679  B T09               18
 275         *
 276         * AT BOTTOM OF CLASS TABLE
 277         *
 278  1 683  ATBOT  MCW   SAVX1,X1                                          7  1683  M Z99 089           18
 279  1 690         LCA   EOFF,OFF1  EMPTY OFFSET TO OFF1                   7  1690  L !09 857           18
 280  1 697         MCW   NEXT,NEXT3                                        7  1697  M 852 876           18
 281  1 704         BCE   GOTLP,1&X1,,                                      8  1704  B /58 0|1 ,         19
 282  1 712         BCE   NXSTMT,1&X1,}                                    8  1712  B /15 0|1 } GMARK   19
 283  1 720         B     SYNTAX                                            4  1720  B 883               19
 284         *
 285  1 724  NOPREV MCW   X3,86                                            7  1724  M 099 086           19
 286  1 731         B     ENDTB3                                            4  1731  B U77               19
 287         *
 288         * CODE IN PREVIOUS OVERLAY COMES HERE WHEN EQUIVALENCE STATEMENTS
 289         * HAVE ALL BEEN PROCESSED
 290         *
 291  1 735  DONE2  MCW   NEXT,X3                                           7  1735  M 852 099           19
 292  1 742         MCW   GM,1&X3    MARK BOTTOM OF ARRAY TABLE             7  1742  M 839 0?1           20
 293  1 749         MCM   5&X1                                              4  1749  P 0|5               20
 294  1 753         MN                                                      1  1753  D                   20
 295  1 754         MN                                                      1  1754  D                   20
 296  1 755         SAR   X1         TOP OF STATEMENT AFTER LAST EQUIVALENCE 4  1755  Q 089               20
 297  1 759         BSS   SNAPSH,C                                          5  1759  B 333 C             20
```

```
SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
298  1 764          SBR   TPREAD&6,838                                      7  1764  H 786 838           20
299  1 771          SBR   CLRBOT                                           4  1771  H 833               21
300  1 775          SBR   LOADXX&3,838                                     7  1775  H 796 838           21
301  1 782          SBR   CLEARL&3,GMWM                                    7  1782  H 710 J45           21
302  1 789          LCA   DIM2,PHASID                                      7  1789  L !18 110           21
303  1 796          B     LOADNX                                           4  1796  B 700               21
304          *
305          * CODE IN PREVIOUS OVERLAY COMES HERE FOR VARIABLES IN THE
306          * EQUIVALENCE STATEMENT THAT ARE NOT IN THE TABLE
307          *
308  1 800  NOTIN2 BCE   GOTRP,0&X1,)                                      8  1800  B Y16 0|0 )         21
309  1 808          SBR   X1                                               4  1808  H 089               22
310  1 812          B     NOTIN2                                           4  1812  B Y00               22
311  1 816  GOTRP  MN    0&X1                                             4  1816  D 0|0               22
312  1 820          SAR   X1                                               4  1820  Q 089               22
313  1 824          B     NXTVAR                                           4  1824  B /65               22
314          *
315          * TEST FOR REDUNDANT OR ILLEGAL EQUIVALENCE
316          *
317  1 828  TESTRI MCW   0&X3,X2                                          7  1828  M 0?0 094           22
318  1 835          SAR   X2                                               4  1835  Q 094               22
319  1 839          C     0&X2,OFF1                                        7  1839  C 0!0 857           23
320  1 846          BE    RED2                                             5  1846  B Y59 S             23
321  1 851          B     ILLEGL                                           4  1851  B Y67               23
322  1 855          B     BACKRI                                           4  1855  B T86               23
323  1 859  RED2   B     REDUND                                           4  1859  B Z09               23
324  1 863          B     BACKRI                                           4  1863  B T86               23
325          *
326          * ILLEGAL EQUIVALENCE
327          *
328  1 867  ILLEGL SBR   NOVFL1&3                                         4  1867  H Z08               23
329  1 871          CS    332                                              4  1871  / 332               24
330  1 875          CS                                                     1  1875  /                   24
331  1 876          SW    GLOBER                                           4  1876  , 184               24
332  1 880          MN    PREFIX,244                                       7  1880  D 849 244           24
333  1 887          MN                                                     1  1887  D                   24
334  1 888          MN                                                     1  1888  D                   24
335  1 889          MCW   ERROR7                                          4  1889  M !59               24
336  1 893          W                                                      1  1893  2                   25
337  1 894          BCV   OVFL1                                           5  1894  B Z03 @             25
338  1 899          B     NOVFL1                                           4  1899  B Z05               25
339  1 903  OVFL1  CC    1                                                2  1903  F 1                 25
340  1 905  NOVFL1 B     0                                                4  1905  B 000               25
341          *
342          * REDUNDANT EQUIVALENCE
343          *
344  1 909  REDUND SBR   NOVFL2&3                                         4  1909  H Z50               25
345  1 913          CS    332                                              4  1913  / 332               25
346  1 917          CS                                                     1  1917  /                   26
347  1 918          SW    GLOBER                                           4  1918  , 184               26
```

```
SEQ PG LIN  LABEL   OP    OPERANDS                                        SFX CT  LOCN  INSTRUCTION TYPE  CARD
348  1 922          MN    PREFIX,246                                        7  1922  D 849 246           26
349  1 929          MN                                                      1  1929  D                   26
350  1 930          MN                                                      1  1930  D                   26
351  1 931          MCW   ERROR8                                            4  1931  M J02               26
352  1 935          W                                                       1  1935  2                   26
353  1 936          BCV   OVFL2                                             5  1936  B Z45 @             27
354  1 941          B     NOVFL2                                            4  1941  B Z47               27
355  1 945  OVFL2   CC    1                                                 2  1945  F 1                 27
356  1 947  NOVFL2  B     0                                                 4  1947  B 000               27
357          *
358          * PRINT "CORRECT ERRORS AND RERUN" MESSAGE AND STOP
359          *
360  1 951  FIXIT   CC    L                                                 2  1951  F L                 27
361  1 953          CS    332                                               4  1953  / 332               27
362  1 957          CS                                                      1  1957  /                   27
363  1 958          MCW   FIXMSG,270                                        7  1958  M J38 270           28
364  1 965          W                                                       1  1965  2                   28
365  1 966          CC    1                                                 2  1966  F 1                 28
366  1 968  HALT    H     HALT                                              4  1968  . Z68               28
367          *
368          * OFFSET HAS A VALUE
369          *
370  1 972  FULL    MCW   0&X2,WOFF                                        7  1972  M 0!0 J43           28
371  1 979          CW    FLAG                                              4  1979  ) J44               28
372  1 983          B     EMPTY                                             4  1983  B U09               28
373          *
374          * DATA
375          *
376  1 991  KZ5     DCW   @000000@                                          5  1991                      29
377  1 994  W3      DCW   #3                                                3  1994                      29
378  1 995  KP1     DCW   &1                                                1  1995                      29
379  1 996  K1      DCW   1                                                 1  1996                      29
380  1 999  SAVX1   DCW   #3                                                3  1999                      29
381  2 000  DOLLAR  DCW   @$@                                               1  2000                      29
382  2 003  WNEXT   DCW   #3                                                3  2003                      29
383  2 004  CHTEST  DCW   #1                                                1  2004                      30
384  2 009  EOFF    DCW   #5                                                5  2009                      30
385  2 018  DIM2    DCW   @DIMEN TWO@                                       9  2018                      30
386  2 059  ERROR7  DCW   @ERROR 7 - ILLEGAL EQUIVALENCE, STATEMENT @      41  2059                      32
387  2 102  ERROR8  DCW   @ERROR 8 - REDUNDANT EQUIVALENCE, STATEMENT @    43  2102                      34
388  2 138  FIXMSG  DCW   @CORRECT ERRORS INDICATED AND RESTART@           36  2138                      35
389  2 143  WOFF    DCW   #5  OFFSET WORK AREA                             5  2143                      36
390  2 144  FLAG    DCW   #1                                                1  2144                      36
391  2 145  GMWM    DCW   @}@                                               1  2145              GMARK   36
392                ORG   201                                                      0201
393    203         DSA   LOADDD    LOAD ADDRESS FOR CARD-TO-TAPE PROGRAM    3  0203  /81                 37
394                EX    NXSTMT                                                   B /15                38
395                END                                                            / 000 080
```

FORTRAN COMPILER -- EQUIVALENCE PHASE TWO -- 11 PAGE 7

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
ATBOT	1683	BACKRI	1386	CHTEST	2004	CLASS1	860	CLASS2	868	CLEARL	707	CLRBOT	833
DIM2	2018	DOLLAR	2000	DONE2	1735	EMPTY	1409	EMPTYL	1416	ENDTAB	1447	ENDTB2	1462
ENDTB3	1477	EOFF	2009	EQVFIN	1329	ERROR7	2059	ERROR8	2102	FIRST	1672	FIXIT	1951
FIXMSG	2138	FLAG	2144	FULL	1972	GETNXT	1309	GLOBER	184	GM	839	GMWM	2145
GOTLP	1158	GOTRP	1816	HALT	1968	ILLEGL	1867	K1	1996	KP1	1995	KZ5	1991
LOADDD	1181	LOADNX	700	LOADXX	793	MORE	1209	NEG	1653	NEW	1247	NEXT	852
NEXT3	876	NOPREV	1724	NOTIN2	1800	NOVFL1	1905	NOVFL2	1947	NXSTMT	1115	NXTVAR	1165
OFF1	857	OFF2	865	OFF3	873	OVFL1	1903	OVFL2	1945	PHASID	110	PREFIX	849
RED1	1584	RED2	1859	REDUND	1909	SAVX1	1999	SNAPSH	333	SUBS	1592	SUBSL	1608
SUBSX	1642	SYNTAX	883	TESTRI	1828	TOTOP	1269	TPREAD	780	TSTBOT	1359	W3	1994
WNEXT	2003	WOFF	2143	X1	89	X2	94	X3	99				