Original Input: Line #3
If she will eat apples I will bake a cake.

Pattern Matcher

Pattern matcher has no rules

Start Rules
If she will eat apples I will bake a cake.

Proper Name Recognition

Complete Lookup phase
If she will eat apples I will bake a cake.

Dictionary Match
bos if she will eat apple I will bake a cake .
^ ^ ^ ^ ^ ^ ^^ ^ ^^ ^

INPUT: bos
DICT: bos
INPUT: If
DICT: if
INPUT: she
DICT: she
INPUT: will
DICT: will
INPUT: eat
DICT: eat
INPUT: apples
DICT: apple
INPUT: I
DICT: I
INPUT: will
DICT: will
INPUT: bake
DICT: bake
INPUT: a
DICT: a
INPUT: cake
DICT: cake
INPUT: .
DICT: .

SWORK RECORDS
xx wc typ fr sbs sps patstm schg com smc o2b o3b meaninID| wc typ fr sbs sps patstm schg com smc o2b o3b meaninID| wc typ fr sbs sps patstm schg com smc o2b o3b meaninID|
1 -1 20 1 1 0 1 0 0 0 LOG 001 0 0 0 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 0 0 0 0 0 0 0 0 001 0 0 0 | 1 bos
2 2 19 4 1 942 4 0 0 0 LOG 001 0 0 49540 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 1 if
3 3 5 26 1 798 5 0 0 0 LOG 001 0 0 79645 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 1 she
4 4 12 20 1 894 4 0 0 0 LOG 001 0 0 92818 | 1 74 1 74 12 0 0 0 LOG 001 0 0 92819 | 2 37 1 894 9 0 0 0 LOG 001 0 0 92820 | 1 will
5 5 2 31 1 835 12 0 0 0 LOG 001 0 0 37101 | 2 54 1 835 13 0 0 0 LOG 001 0 0 37102 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 1 eat
6 6 1 18 2 18 3 0 0 0 LOG 001 0 0 13459 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 1 apple
7 7 16 92 1 92 4 0 0 0 LOG 001 0 0 52987 | 5 21 1 795 5 0 0 0 LOG 001 0 0 52988 | 1 1 33 900 1 0 0 0 LOG 001 0 0 258912 | 1 I
8 8 12 20 1 894 4 0 0 0 LOG 001 0 0 92818 | 1 74 1 74 12 0 0 0 LOG 001 0 0 92819 | 2 37 1 894 9 0 0 0 LOG 001 0 0 92820 | 1 will

9 9 2 31 1 354 12 0 0 0 LOG 001 0 0 15898 | 2 41 1 354 9 0 0 0 LOG 001 0 0
15899 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 1 bake
10 10 15 42 1 315 10 0 0 0 LOG 001 0 0 15410 | 1 1 33 900 1 0 0 0 LOG 001 0 0
15411 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 1 a
11 11 1 43 1 43 11 0 0 0 LOG 001 0 0 20474 | 2 31 1 733 12 0 0 0 LOG 001 0 0
20475 | 2 59 1 733 7 0 0 0 LOG 001 0 0 20476 | 1 cake
12 12 20 10 1 10 10 0 0 0 LOG 001 0 1 0 | 0 0 0 0 0 0 0 0 0 001 0 0 0 | 0 0
0 0 0 0 0 0 001 0 0 0 | 0 .

SentenceUnits
hash-1 hash-2 roothash-1 roothash-2 hen-1 hen-2 roothen-1 roothen-2 wct CQDUBI
1 0 0 0 0 -1 -1 0 0 0
2 0 0 0 0 0 2030 5 0 0 1 I
3 0 0 0 0 0 8302 0 0 0 1
4 9550 3005 9550 3005 9550 3005 0 0 1
5 0 0 0 0 0 8021 6 0 0 1
6 6650 1206 6650 1206 6650 1206 0 0 1
7 0 0 0 0 0 300 0 0 0 1 I
8 9550 3005 9550 3005 9550 3005 0 0 1
9 0 0 0 0 0 1401 2001 0 0 1
10 100 0 100 0 0 100 0 0 0 1
11 1401 2006 1401 2006 1401 2006 0 0 1
12 0 0 0 0 0 9000 4 0 0 0

Sentence Summary
Case = Lower Case
Translatable = Yes
Bold = No
Italic = No
Underlined = No
Single Quoted = No
Double Quoted = No

EOS
3 47 bos if she will eat apple I will bake a cake .

SWORK RECORDS
xx wc typ fr sbs sps pat stm schg com o2b o3b meaningID| wc typ fr sbs sps pat stm schg com o2b o3b
meaningID| wc typ fr sbs sps pat stm schg com o2b o3b meaningID|
1 1__ -1 20 1 1 0 1 0 0 0 LOG 0 0 -1| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0 0
0 0 0 0| 1 bos
2 1__ 2 19 4 1 942 4 0 0 0 LOG 0 0 49540| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0
0 0 0 0 0| 1 if
3 1__ 3 5 26 1 798 5 36 4 0 LOG 0 0 79645| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0
0 0 0 0 0| 1 she
4 111 4 12 20 1 894 4 0 0 0 LOG 0 0 92818| 1 74 1 74 12 16 1 0 LOG 0 0 92819| 2 37 1
894 9 1 1 0 LOG 0 0 92820| 1 will
5 11_ 5 2 31 1 835 12 84 1 0 LOG 0 0 37101| 2 54 1 835 13 84 1 0 LOG 0 0 37102| 0 0 0
0 0 0 0 0 0 0 0 0| 1 eat
6 1__ 6 1 18 2 18 3 16 1 0 LOG 0 0 13459| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0
0 0 0 0 0| 1 apple
7 111 7 16 92 1 92 4 0 0 0 LOG 0 0 52987| 5 21 1 795 5 36 1 0 LOG 0 0 52988| 1 1 33
900 1 288 1 0 LOG 0 0 258912| 1 I
8 111 8 12 20 1 894 4 0 0 0 LOG 0 0 92818| 1 74 1 74 12 16 1 0 LOG 0 0 92819| 2 37 1
894 9 1 1 0 LOG 0 0 92820| 1 will
9 11_ 9 2 31 1 354 12 2 1 0 LOG 0 0 15898| 2 41 1 354 9 2 1 0 LOG 0 0 15899| 0 0 0 0
0 0 0 0 0 0 0 0| 1 bake
10 11_ 10 15 42 1 315 10 0 0 0 LOG 0 0 15410| 1 1 33 900 1 288 1 0 LOG 0 0 15411| 0 0 0
0 0 0 0 0 0 0 0| 1 a
11 111 11 1 43 1 43 11 16 1 0 LOG 0 0 20474| 2 31 1 733 12 2 1 0 LOG 0 0 20475| 2 59 1
733 7 2 1 0 LOG 0 0 20476| 1 cake
12 1__ 12 20 10 1 10 10 0 0 0 LOG 0 1 0| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0
0 0 0 0 0| 0 .

```
  WSTRNG          HENUM       root     HASHCOD      root
   bos             -1   -1    0    0      0    0    0    0
   if            2030    5    0    0      0    0    0    0
   she            8302    0    0    0      0    0    0    0
   will           9550 3005    0    0   9550 3005 9550 3005
   eat            8021    6    0    0      0    0    0    0
   apple          6650 1206    0    0   6650 1206 6650 1206
   I               300    0    0    0      0    0    0    0
   will           9550 3005    0    0   9550 3005 9550 3005
   bake           1401 2001    0    0      0    0    0    0
   a               100    0    0    0    100    0  100    0
   cake           1401 2006    0    0   1401 2006 1401 2006
   .              9000    4    0    0      0    0    0    0
```

RES1 START

SWORK RECORDS

```
        xx  wc typ fr sbs sps pat stm schg com o2b o3b meaningID| wc typ fr sbs sps pat stm schg com o2b o3b
meaningID| wc typ fr sbs sps pat stm schg com o2b o3b meaningID|
  1 1__ -1  20   1  1   0   1   0   0    0 LOG    0   0       -1|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0   0
0       0   0        0|  1 bos
  2 1__   2  19   4  1 942   4   0   0    0 LOG    0   0    49540|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0   0
0    0       0   0        0|  1 if
  3 1__   3   1  26 11 798   5  36   4    0 LOG    0   0    79645|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0   0
0    0       0   0        0|  1 she
  4 111   4  12  20  1 894   4   0   0    0 LOG    0   0    92818|  1  74  1  74  12  16   1    0 LOG    0   0    92819|  2  21  1
894   9   1   1    0 LOG    0   0    92820|  1 will
  5 11_   5   2  31  1 835  12  84   1  845 LOG    0   0    37101|  2  21  1 835  13  84   1  844 LOG    0   0    37102|  0   0
0   0   0   0   0   0       0   0        0|  1 eat
  6 1__   6   1  18  2  18   3  16   1    0 LOG    0   0    13459|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0   0
0    0       0   0        0|  1 apple
  7 111   7  16  92  1  92   4   0   0  850 LOG    0   0    52987|  1  21 11 795   5  36   1  850 LOG    0   0    52988|  1   1
33 900   1 288   1  850 LOG    0   0   258912|  1 I
  8 111   8  12  20  1 894   4   0   0    0 LOG    0   0    92818|  1  74  1  74  12  16   1    0 LOG    0   0    92819|  2  21  1
894   9   1   1    0 LOG    0   0    92820|  1 will
  9 11_   9   2  31  1 354  12   2   1  845 LOG    0   0    15898|  2  21  1 354   9   2   1  844 LOG    0   0    15899|  0   0  0
0   0   0   0   0       0   0        0|  1 bake
 10 11_  10  14  42  1 315  10   0   0    0 LOG    0   0    15410|  1   1 33 900   1 288   1    0 LOG    0   0    15411|  0   0  0
0   0   0   0   0       0   0        0|  1 a
 11 111  11   1  43  1  43  11  16   1    0 LOG    0   0    20474|  2  31  1 733  12   2   1    0 LOG    0   0    20475|  2  21  1
733   7   2   1    0 LOG    0   0    20476|  1 cake
 12 1__  12  20  10  1  10  10   0   0    0 LOG    0   1       0|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0
0    0       0   0        0|  0 .
```

```
 6300 RULE AT  1
Res1 rule #3775, ID: 3450
* new rule BOS EL (STRETCH 01 795 11) EP199
32  (20 1 1)  (-1 -2 -1)  spec: 8
3 +  1+2+1  + 0+0+0  = 7  How the sum has become 8   (written by Sukhada)
  { 6012   81  900 9000 6500   81 8000 8052    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0 }
   -31  56 -41   2 999
   6500 TAGSET STARTING AT ELEMENT    2
   MATCH ON WC07 RULE AT ELEMENT    7

Res1 rule #1776, ID: 3451
* new rule HIT ON I(01 795 11)
 2  (7 52 1)  (1 795 11)  spec: 8
 0+1+2+1  + 1+2+1  = 8  here the sum is correct .   (written by Sukhada)
   -46 -81   0   0  12 999
```

VTR WC 07

Res1 rule #1776, ID: 3451
* new rule HIT ON I(01 795 11)
2 (7 52 1) (1 795 11) spec: 8
-46 -81 0 0 12 999

MATCH AT 1
Res1 rule #3775, ID: 3450
* new rule BOS EL (STRETCH 01 795 11) EP199
32 (20 1 1) (-1 -2 -1) **spec: 8**
3 + 1+2+1 + 0+0+0 = 7 How the sum has become 8 (written by Sukhada)
{ 6012 81 900 9000 6500 81 8000 8052 0 0 0 0 0 0 0 0 0 0 0 0 }
-31 56 -41 2 999

MATCH AT 1
Res1 rule #3774, ID: 3342
BOS EL = -2 /SET SUBSET OF BOS=900 S389 ER1
32 (20 1 1) (-1 -2 -1) spec: 7
{ 6012 81 900 909 385 186 185 186 188 189 9000 0 0 0 0 0 0 0 0 0 0 }
-46 -81 0 900 0 -31 56 -41 2 999

MATCH AT 2
Res1 rule #3302, ID: 2939
(UV2RT) SUBCJ EL BS185 ERES1
2 (19 4 -1) (-1 -2 -1) **spec: 5**
0 + 1+2+0 + 0+0+0 = 3 How the sum has become 5 (written by Sukhada)
{ 6211 81 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 }
-13 -81 999
POSSIBLE MATCH GOING TO RESSEM AT 4 RULE NO. 2334
Res1 rule #2334, ID: 2108
* +6 AUX V EP1084 ERES
22 (12 -1 -1) (-9 -1 -1) spec: 0
-22 -81 -82 0 0 0 -46 -81 0 848 0 -13 1 999
SEMWRK VALUES
12 20 1 4 12 20 1 4 2 31 1 5
894 4 20 894 4 20 835 12 31

*** RES22 MATCH
Res22 rule #6135, ID: 6086
WILL/ETC V(INF) EP1084 ERES22
3 (12 4 4) (12 4 1) (-9 -1 67)
-46 -81 0 848 19 -46 32 0 0 0 999

MATCH AT 4
Res1 rule #2334, ID: 2108
* +6 AUX V EP1084 ERES
22 (12 -1 -1) (-9 -1 -1) spec: 0
-22 -81 -82 0 0 0 -46 -81 0 848 0 -13 1 999

MATCH AT 5
Res1 rule #1442, ID: 1281
* UVTR N(NOT ADV/AUX) = -2 S690 ER1
22 (2 844 -1) (-8 -2 -1) spec: 5
{ 8888 6012 81 863 9000 6014 81 12 9000 6014 82 6 12 19 9000 0 0 0 0 0 0 }
{ 6012 82 171 177 144 866 9000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 }
-46 -81 0 862 0 -31 56 -41 2 999

MATCH AT 5
Res1 rule #892, ID: 774
VTR N(PL) = PVT NO SEARCH S588 ER1
12 (2 21 43) (1 -1 66) spec: 6
-46 -81 0 862 0 999

```
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  475
Res1 rule #475, ID: 414
TYPE/ROW/ETC ROMAN NUMERAL = -1 /NOT PV EP195
13  (1 -1 42)  (16 92 -1)  (-1 -1 -1)  spec: 5
   -22 -81 -82   0   0   0 -41   2 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6  16  92   1   7
  18   3  18  18   3  18  92   4  92

 NO MATCH IN RESSEM
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  475
Res1 rule #475, ID: 414
TYPE/ROW/ETC ROMAN NUMERAL = -1 /NOT PV EP195
13  (1 -1 42)  (16 92 -1)  (-1 -1 -1)  spec: 5
   -22 -81 -82   0   0   0 -41   2 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6  16  92   1   7
  18   3  18  18   3  18  92   4  92

 NO MATCH IN RESSEM
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  475
Res1 rule #475, ID: 414
TYPE/ROW/ETC ROMAN NUMERAL = -1 /NOT PV EP195
13  (1 -1 42)  (16 92 -1)  (-1 -1 -1)  spec: 5
   -22 -81 -82   0   0   0 -41   2 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6  16  92   1   7
  18   3  18  18   3  18  92   4  92

 NO MATCH IN RESSEM
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  408
Res1 rule #408, ID: 366
+6 N(PL) N EL = -3 /CK SEMRES FOR NP, EG SALES/OPERATIONS/SYSTEMS/TOTS
13  (1 -1 66)  (1 -1 42)  (-1 -2 -1)  spec: 12
  { 6012   81  850  864 9000 6014   82   12   14 9000 6012   82   15 9000    0    0    0    0    0    0    0 }
   -22 -81 -82   0   0   0 -46 -81   0 857   0 -31  56 -41   3 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6   1   1  33   7
  18   3  18  18   3  18 900   1   1

 NO MATCH IN RESSEM
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  408
Res1 rule #408, ID: 366
+6 N(PL) N EL = -3 /CK SEMRES FOR NP, EG SALES/OPERATIONS/SYSTEMS/TOTS
13  (1 -1 66)  (1 -1 42)  (-1 -2 -1)  spec: 12
  { 6012   81  850  864 9000 6014   82   12   14 9000 6012   82   15 9000    0    0    0    0    0    0    0 }
   -22 -81 -82   0   0   0 -46 -81   0 857   0 -31  56 -41   3 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6   1   1  33   7
  18   3  18  18   3  18 900   1   1

 NO MATCH IN RESSEM
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  408
Res1 rule #408, ID: 366
+6 N(PL) N EL = -3 /CK SEMRES FOR NP, EG SALES/OPERATIONS/SYSTEMS/TOTS
13  (1 -1 66)  (1 -1 42)  (-1 -2 -1)  spec: 12
  { 6012   81  850  864 9000 6014   82   12   14 9000 6012   82   15 9000    0    0    0    0    0    0    0 }
   -22 -81 -82   0   0   0 -46 -81   0 857   0 -31  56 -41   3 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6   1   1  33   7
  18   3  18  18   3  18 900   1   1

 NO MATCH IN RESSEM
```

```
 POSSIBLE MATCH GOING TO RESSEM AT  6 RULE NO.  341
Res1 rule #341, ID: 308
+2 N(PL) N(SG) = N(SG) N /EG PARTS CATALOG PER SEMRES S186 ERES1
12  (1 -1 66)  (1 -2 44)  spec: 8
  { 6012   81  857 9000 6014   81   12 9000 6014   82    2   12 9000    0    0    0    0    0    0    0    0 }
   -22 -81 -82   0   0   0 -46 -81   0 857   0 999
*SEMWRK VALUES*
      1  18   2   6   1  18   2   6   1   1  33   7
  18   3  18  18   3  18 900   1   1

 NO MATCH IN RESSEM
 6300 RULE AT  7
Res1 rule #675, ID: 3462
* new rule I EL= -2/ RESET FORM FIELD TO PLURAL EP199
32  (1 795 12)  (-1 -2 -1)  spec: 6
  { 6500   81 8000 8052    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0 }
   -31  56 -41   2 999
   6500 TAGSET STARTING AT ELEMENT    8

MATCH AT  7
Res1 rule #335, ID: 302
I V(INF) = -1 S186 ERES1
12  (1 795 12)  (-9 -2 57)  spec: 7
  { 6014   82    6   19 9000 6012   82  886 9000    0    0    0    0    0    0    0    0    0    0    0    0    0 }
   -46  32   0   0   0 -13   1 999
 POSSIBLE MATCH GOING TO RESSEM AT  8 RULE NO. 2334
Res1 rule #2334, ID: 2108
* +6 AUX V EP1084 ERES
22  (12 -1 -1)  (-9 -1 -1)  spec: 0
   -22 -81 -82   0   0   0 -46 -81   0 848   0 -13   1 999
*SEMWRK VALUES*
     12  20   1   8  12  20   1   8   2  31   1   9
 894   4  20 894   4  20 354  12  31

  *** RES22 MATCH
Res22 rule #6135, ID: 6086
WILL/ETC V(INF) EP1084 ERES22
 3  (12 4 4)  (12 4 1)  (-9 -1 67)
   -46 -81   0 848  19 -46  32   0   0   0 999

MATCH AT  8
Res1 rule #2334, ID: 2108
* +6 AUX V EP1084 ERES
22  (12 -1 -1)  (-9 -1 -1)  spec: 0
   -22 -81 -82   0   0   0 -46 -81   0 848   0 -13   1 999

MATCH AT  9
Res1 rule #1442, ID: 1281
* UVTR N(NOT ADV/AUX) = -2 S690 ER1
22  (2 844 -1)  (-8 -2 -1)  spec: 5
  { 8888 6012   81  863 9000 6014   81   12 9000 6014   82    6   12   19 9000    0    0    0    0    0    0 }
  { 6012   82  171  177  144  866 9000    0    0    0    0    0    0    0    0    0    0    0    0    0    0 }
   -46 -81   0 862   0 -31  56 -41   2 999

MATCH AT  9
Res1 rule #1120, ID: 973
UV A N = -2 /A=ART LOCK EP597
13  (2 846 -1)  (14 315 -1)  (1 -1 -1)  spec: 7
   -13 -82 -41   2 999

MATCH AT 10
Res1 rule #3207, ID: 2854
A(NOT UPPER)EL = -2 (LOCK WC14) EP797
```

22 (14 315 -1) (-1 -2 -1) spec: 5
{ 6012 81 850 9000 6013 82 1 4 6 14 9000 0 0 0 0 0 0 0 0 0 0 }
-31 56 -13 -81 -41 2 999

MATCH AT 10
Res1 rule #3057, ID: 2771
* DET N EL = -3 /TO AVOID PV SET IMP BS385 ERES1
13 (14 -1 -1) (1 -1 -1) (-1 -2 -1) spec: 4
{ 6025 81 6014 82 12 14 6 9000 6012 82 851 849 848 900 9000 0 0 0 0 0 0 }
-31 56 -13 -82 -41 3 999

MATCH AT 10
Res1 rule #3062, ID: 3397
* new rule +2 ART(UNAMB) N(N V) PUNC = -2 /N NOT PV EP1194
13 (14 -1 -1) (1 -1 42) (-6 -2 -1) spec: 5
{ 6025 81 6014 82 2 9000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 }
-41 2 999

RES2 START

SWORK RECORDS
xx wc typ fr sbs sps pat stm schg com o2b o3b meaningID| wc typ fr sbs sps pat stm schg com o2b o3b meaningID| wc typ fr sbs sps pat stm schg com o2b o3b meaningID|
1 1__ -1 20 1 1 900 1 0 0 0 LOG 0 0 -1| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0 0 0 0 0| 1 bos
2 1__ 2 19 4 1 942 4 0 0 0 LOG 0 0 49540| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0 0 0 0 0| 1 if
3 1__ 3 1 26 11 798 5 36 4 0 LOG 0 0 79645| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0 0 0 0 0| 1 she
4 1__ 4 12 20 19 894 4 0 0 848 LOG 0 0 92818| 1 74 1 74 12 16 1 0 LOG 0 0 92819| 2 21 1 894 9 1 1 0 LOG 0 0 92820| 1 will
5 11_ 5 2 31 1 835 12 84 1 845 LOG 0 0 37101| 2 21 1 835 13 84 1 846 LOG 0 0 37102| 0 0 0 0 0 0 0 0 0 0 0| 1 eat
6 1__ 6 1 18 2 18 3 16 1 0 LOG 0 0 13459| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0 0 0 0 0| 1 apple
7 _1_ 7 16 92 1 92 4 0 0 850 LOG 0 0 52987| 1 21 12 795 5 36 1 850 LOG 0 0 52988| 1 1 33 900 1 288 1 850 LOG 0 0 258912| 1 I
8 1__ 8 12 20 19 894 4 0 0 848 LOG 0 0 92818| 1 74 1 74 12 16 1 0 LOG 0 0 92819| 2 21 1 894 9 1 1 844 LOG 0 0 92820| 1 will
9 11_ 9 2 31 1 354 12 2 1 845 LOG 0 0 15898| 2 21 1 354 9 2 1 846 LOG 0 0 15899| 0 0 0 0 0 0 0 0 0 0 0| 1 bake
10 1__ 10 14 42 1 315 10 0 0 0 LOG 0 0 15410| 1 1 33 900 1 288 1 0 LOG 0 0 15411| 0 0 0 0 0 0 0 0 0 0 0| 1 a
11 1__ 11 1 43 1 43 11 16 1 0 LOG 0 0 20474| 2 31 1 733 12 2 1 0 LOG 0 0 20475| 2 21 1 733 7 2 1 0 LOG 0 0 20476| 1 cake
12 1__ 12 20 10 1 10 10 0 0 0 LOG 0 1 0| 0 0 0 0 0 0 0 0 0 0 0| 0 0 0 0 0 0 0 0 0 0 0| 0 .

6300 RULE AT 1
Res2 rule #10206, ID: 9938
(U/PV2RT) BOS BEFORE PRON = - 1 S787 OERES2
23 (20 1 1) (19 4 -1) (-7 -2 81) spec: 10
{ 6353 83 8008 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 }
-18 1 2 -82 0 -18 10 2 -82 0 999
6353 TAGSET STARTING AT ELEMENT 4
UV OR PV FOUND AT 4

MATCH AT 1
Res2 rule #10206, ID: 9938
(U/PV2RT) BOS BEFORE PRON = - 1 S787 OERES2
23 (20 1 1) (19 4 -1) (-7 -2 81) spec: 10

```
 { 6353   83 8008   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 }
  -18   1   2 -82   0 -18  10   2 -82   0 999


CELL VALUES    2   0   1   0   0   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                      0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                      0   0   0   0   0   0   0   0   0   0

MATCH AT  3
Res2 rule #299, ID: 295
(NRP) PRON(SG) UV(SG) = -1 S685 OERE
12  (1 -1 81)  (-9 -2 53)  spec: 5
 { 6050   11 8000 9000 6012   81  115 9000  844  845  846  847  848    0   0   0   0   0   0   0   0 }
  -46 -82   3   0   0 -17 183 -81   1 -18   4   0 -81   2 999
*SEMWRK VALUES*
     1  26  11   3   1  26  11   3
 798   5  26 798   5  26

 NO MATCH IN RESSEM


CELL VALUES    2   0   1  11   0   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
          0   0   0   5  26 798   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                      0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                      0   0   0   0   0   0   0   0   0   0

MATCH AT  4
Res2 rule #4333, ID: 4240
+4 (NRP)(EST) AUX/MOD V = - 1 / LAY / ETC EP1286 OERES2
32  (3 848 -1)  (-9 -2 67)  spec: 10
 { 6050   11 8000 9000  844  845  846  847  847  862  863    0   0   0   0   0   0   0   0   0 }
  -17 183 -82   1 -46 -82   3   0   0 999


CELL VALUES    2   0   1  11   0   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
          0   0   0   5  26 798   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                      0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
          0   0   0   0   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                      0   0   0   0   0   0   0   0   0   0

MATCH AT  5
Res2 rule #2817, ID: 2750
(NOTST) (EST) VI EL -1 /SET VX BS1284 ERES2
12  (3 31 -1)  (-1 -1 -1)  spec: 2
  -18   3   0 -81   1 -18   5   0 -81   1 999

MATCH AT  5
Res2 rule #4263, ID: 4168
* VRT(ACTIVE) NP(NOT PV) = -2 /SET OBJ FLAG S689 ER2
32  (3 21 43)  (-1 -2 -1)  spec: 6
 { 8888 6050 1307 8031  237 8008 1227 8005 9000 6010 1081  846  862  844 9000    0   0   0   0   0   0 }
 { 8888 6012   82  862  863  862 9000 6012   82  866 9000 6014   82   13    6   19 9000    0   0   0   0 }
 { 6013   82    1   14 9000    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 }
  -18  27  21 -81   1 -31  56 -41   2 999


CELL VALUES    2   0   1  11   0   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
```

```
          0  0  0  5  26 798  21   0  0  0       0  0  0  0  0  0  0  0  0  0
                     0  0  0  0  0  0  0  0  0  0  0
          0  0  0  0  0  0  0  0  0  0       0  0  0  0  0  0  0  0  0  0  0
          0  0  0  0  0  0  0  0  0  0       0  0  0  0  0  0  0  0  0  0  0
                     0  0  0  0  0  0  0  0  0  0  0

MATCH AT  5
Res2 rule #2828, ID: 2760
* (EST) VTR NP(NOT PREP) -1 /SET VX BS1284 ERES2
12  (3 21 41)  (-8 -2 -1)  spec: 6
  { 6014   82   13   19    6 9000 6012   82  866 9000 6012   81   11 9000 6010 1081  862  846  864 9000    0 }
   -18   3   0 -81   1 -18   5   0 -81   1 999
*SEMWRK VALUES*
      3  54   1   5   3  21   1   5
 835  13  54 835  13  54

 NO MATCH IN RESSEM


CELL VALUES     2   0  54  11   1   0   0   0   0   2       0  0  0  0  0  0  0  0  0  0
          0 835  13   5  26 798  21   0   0   0       0  0  0  0  0  0  0  0  0  0
                     0  0  0  0  0  0  0  0  0  0  0
          0  0  0  0  0  0  0  0  0  0       0  0  0  0  0  0  0  0  0  0  0
          0  0  0  0  0  0  0  0  0  0       0  0  0  0  0  0  0  0  0  0  0
                     0  0  0  0  0  0  0  0  0  0  0
 6300 RULE AT  6
Res2 rule #2464, ID: 2400
+6 (BOS-DC) NPRON AUX VTR EL(NON-N) N PRON V (.S.,N/V)=-2/ASS REL,OREL
25  (1 -1 68)  (1 -1 80)  (12 848 -1)  spec: 19
    (2 21 67)  (-1 -2 -1)
  { 6050   10 8002  203 8001 9000 6500   83 8041 8015    0    0    0    0    0    0    0    0    0    0    0 }
   -17 197 -82   0 -18  17   8 -82   0 -18  11   1 -82   0 -18  14   0 -82   0 -18  38   8 -82   0 -28   1    18 -81   1 -46 -83   3
0   0 -41   3 999
   6500 TAGSET STARTING AT ELEMENT    9
 6300 RULE AT  6
Res2 rule #1942, ID: 477
* +4 (NRP)(DCXCB)(NOT GOV INF) N PRON(pl) UV(pl) = -1 S192 ER2
23  (1 -2 68)  (1 -1 82)  (-9 -2 57)  spec: 13
  { 6050   11 8000   10 8002  303 8021  303 8052  307 8025 9000    0    0    0    0    0    0    0    0    0 }
  { 6012   83   15 9000 6600   83 8041 8015  844  845  846  847  848    0    0    0    0    0    0    0    0 }
   -17 186 -82   0 -17 187 -82   0 -18   4   0 -82   2 -28   1   8 -81   0 -46 -83   3   0   0 999
   6600 TAGSET STARTING AT ELEMENT    9

MATCH AT  6
Res2 rule #1942, ID: 477
* +4 (NRP)(DCXCB)(NOT GOV INF) N PRON(pl) UV(pl) = -1 S192 ER2
23  (1 -2 68)  (1 -1 82)  (-9 -2 57)  spec: 13
  { 6050   11 8000   10 8002  303 8021  303 8052  307 8025 9000    0    0    0    0    0    0    0    0    0 }
  { 6012   83   15 9000 6600   83 8041 8015  844  845  846  847  848    0    0    0    0    0    0    0    0    0 }
   -17 186 -82   0 -17 187 -82   0 -18   4   0 -82   2 -28   1   8 -81   0 -46 -83   3   0   0 999
*SEMWRK VALUES*
      1  21  12   7   1  21  12   7
 795   5  21 795   5  21

 NO MATCH IN RESSEM


CELL VALUES     1   0   1   2   0   0   0   0   0   0       0  0  0  0  0  0  0  0  0  0
          0 835  13   5  21 795   0   0   0   0       0  0  0  0  0  0  0  0  0  0
                     0  0  0  0  0  0  0  0  0  0  0
          2   0  54  11   1   0   0   0   0   2       0  0  0  0  0  0  0  0  0  0
          0 835  13   5  26 798  21   0   0   0       0  0  0  0  0  0  0  0  0  0
                     0  0  0  0  0  0  0  0  0  0  0
```

```
MATCH AT  8
Res2 rule #4333, ID: 4240
+4 (NRP)(EST) AUX/MOD V = - 1 / LAY / ETC EP1286 OERES2
32  (3 848 -1)  (-9 -2 67)  spec: 10
  { 6050   11 8000 9000  844  845  846  847  847  862  863    0    0    0    0    0    0    0    0    0    0 }
   -17 183 -82   1 -46 -82   3   0   0 999


CELL VALUES     1   0   1   2   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
           0 835  13   5  21 795   0   0   0   0       0   0   0   0   0   0   0   0   0   0
                       0   0   0   0   0   0   0   0   0   0
           2   0  54  11   1   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
           0 835  13   5  26 798  21   0   0   0       0   0   0   0   0   0   0   0   0   0
                       0   0   0   0   0   0   0   0   0   0

MATCH AT  9
Res2 rule #2817, ID: 2750
(NOTST) (EST) VI EL -1 /SET VX BS1284 ERES2
12  (3 31 -1)  (-1 -1 -1)  spec: 2
   -18   3   0 -81   1 -18   5   0 -81   1 999

MATCH AT  9
Res2 rule #4263, ID: 4168
* VRT(ACTIVE) NP(NOT PV) = -2 /SET OBJ FLAG S689 ER2
32  (3 21 43)  (-1 -2 -1)  spec: 6
  { 8888 6050 1307 8031  237 8008 1227 8005 9000 6010 1081  846  862  844 9000    0    0    0    0    0    0 }
  { 8888 6012   82  862  863  862 9000 6012   82  866 9000 6014   82   13    6   19 9000    0    0    0    0 }
  { 6013   82    1   14 9000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0 }
   -18  27  21 -81   1 -31  56 -41   2 999


CELL VALUES     1   0   1   2   0   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
           0 835  13   5  21 795  21   0   0   0       0   0   0   0   0   0   0   0   0   0
                       0   0   0   0   0   0   0   0   0   0
           2   0  54  11   1   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
           0 835  13   5  26 798  21   0   0   0       0   0   0   0   0   0   0   0   0   0
                       0   0   0   0   0   0   0   0   0   0

MATCH AT  9
Res2 rule #2828, ID: 2760
* (EST) VTR NP(NOT PREP) -1 /SET VX BS1284 ERES2
12  (3 21 41)  (-8 -2 -1)  spec: 6
  { 6014   82   13   19    6 9000 6012   82  866 9000 6012   81   11 9000 6010 1081  862  846  864 9000    0 }
   -18   3   0 -81   1 -18   5   0 -81   1 999
*SEMWRK VALUES*
     3  41   1   9   3  21   1   9
 354   9  41 354   9  41

 NO MATCH IN RESSEM


CELL VALUES     1   0  41   2   1   0   0   0   0   0       0   0   0   0   0   0   0   0   0   0
           0 354   9   5  21 795  21   0   0   0       0   0   0   0   0   0   0   0   0   0
                       0   0   0   0   0   0   0   0   0   0
           2   0  54  11   1   0   0   0   0   2       0   0   0   0   0   0   0   0   0   0
           0 835  13   5  26 798  21   0   0   0       0   0   0   0   0   0   0   0   0   0
                       0   0   0   0   0   0   0   0   0   0
 POSSIBLE MATCH GOING TO RESSEM AT 10 RULE NO. 8355
Res2 rule #8355, ID: 8174
+4 (XCB)(NRP) ART(NOT REL) N = -2 /TAAR EP885 OERES2
32  (14 -1 31)  (1 -2 42)  spec: 10
  { 6050   11 8000  203 8001 9000 6014   81   18 9000 6014   82    6 9000    0    0    0    0    0    0    0 }
```

-22 -81 -82 0 0 0 -46 -81 0 0 10 -31 56 -41 2 999
SEMWRK VALUES
14 42 1 10 14 42 1 10 1 43 1 11
315 10 42 315 10 42 43 11 43

*** RES22 MATCH
Res22 rule #6350, ID: 6296
A/ETC N(SG) EP1084 ERES22
3 (14 42 10) (14 42 -1) (1 -1 44)
999

MATCH AT 10
Res2 rule #8355, ID: 8174
+4 (XCB)(NRP) ART(NOT REL) N = -2 /TAAR EP885 OERES2
32 (14 -1 31) (1 -2 42) spec: 10
{ 6050 11 8000 203 8001 9000 6014 81 18 9000 6014 82 6 9000 0 0 0 0 0 0 0 }
-22 -81 -82 0 0 0 -46 -81 0 0 10 -31 56 -41 2 999

CELL VALUES 1 0 41 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 354 9 5 21 795 21 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
2 0 54 11 1 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0
0 835 13 5 26 798 21 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
POSSIBLE MATCH GOING TO RESSEM AT 10 RULE NO. 7628
Res2 rule #7628, ID: 7463
DET(NOT WC18) N EL(NOT N) = -2 EP889 ER2
3 (14 -1 -1) (1 -1 -1) (-1 -2 -1) spec: 4
{ 6014 83 1 16 9000 6014 81 18 9000 0 0 0 0 0 0 0 0 0 0 0 0 }
-22 -81 -82 0 0 0 -41 2 999
SEMWRK VALUES
14 42 10 10 14 42 10 10 1 43 1 11
315 10 42 315 10 42 43 11 43

*** RES22 MATCH
Res22 rule #6350, ID: 6296
A/ETC N(SG) EP1084 ERES22
3 (14 42 10) (14 42 -1) (1 -1 44)
999

MATCH AT 10
Res2 rule #7628, ID: 7463
DET(NOT WC18) N EL(NOT N) = -2 EP889 ER2
3 (14 -1 -1) (1 -1 -1) (-1 -2 -1) spec: 4
{ 6014 83 1 16 9000 6014 81 18 9000 0 0 0 0 0 0 0 0 0 0 0 0 }
-22 -81 -82 0 0 0 -41 2 999

CELL VALUES 1 0 41 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 354 9 5 21 795 21 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
2 0 54 11 1 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0
0 835 13 5 26 798 21 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0

MATCH AT 11
Res2 rule #3, ID: 3
N EL = -2 /DFLT TO N MUST KEEP IMP DFLT NOUN RULE S385 OERES2
2 (1 -1 40) (-1 -1 -1) spec: 2
-31 56 -41 2 999

```
CELL VALUES    1  0 41  2  1  0  0  0  0  0      0  0  0  0  0  0  0  0  0  0
          0 354  9  5 21 795 21  0  0  0      0  0  0  0  0  0  0  0  0  0
                   0  0  0  0  0  0  0  0  0  0  0
          2  0 54 11  1  0  0  0  0  2      0  0  0  0  0  0  0  0  0  0
          0 835 13  5 26 798 21  0  0  0      0  0  0  0  0  0  0  0  0  0
                   0  0  0  0  0  0  0  0  0  0  0

*RES END*

*SWORK RECORDS*
      xx  wc typ fr sbs sps pat stm schg com o2b o3b meaningID| wc typ fr sbs sps pat stm schg com o2b o3b
meaningID| wc typ fr sbs sps pat stm schg com o2b o3b meaningID|
 1 1__ -1  20   1  1   0   1   0   0    0 LOG    0   0       -1|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0
0       0   0        0|  1 bos
 2 1__   2  19   4  1 942   4   0   0    0 LOG    0   0    49540|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0
0    0       0   0        0|  1 if
 3 1__   3   5  26  1 798   5  36   4    0 LOG    0   0    79645|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0
0    0       0   0        0|  1 she
 4 1__   4  12  20  1 894   4   0   0  848 LOG    0   0    92818|  1  74  1  74  12  16   1    0 LOG    0   0    92819|  2  37  1
894   9   1   1    0 LOG    0   0    92820|  1 will
 5 _1_   5   2  31  1 835  12  84   1  845 LOG    0   0    37101|  2  54  1 835  13  84   1  846 LOG    0   0    37102|  0   0
0   0   0   0   0   0       0   0        0|  1 eat
 6 1__   6   1  18  2  18   3  16   1    0 LOG    0   0    13459|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0
0    0       0   0        0|  1 apple
 7 _1_   7  16  92  1  92   4   0   0  850 LOG    0   0    52987|  5  21  1 795   5  36   1  850 LOG    0   0    52988|  1   1 33
900   1 288   1  850 LOG    0   0   258912|  1 I
 8 1__   8  12  20  1 894   4   0   0  848 LOG    0   0    92818|  1  74  1  74  12  16   1    0 LOG    0   0    92819|  2  37  1
894   9   1   1  844 LOG    0   0    92820|  1 will
 9 _1_   9   2  31  1 354  12   2   1  845 LOG    0   0    15898|  2  41  1 354   9   2   1  846 LOG    0   0    15899|  0   0  0
0   0   0   0   0       0   0        0|  1 bake
10 1__  10  15  42  1 315  10   0   0    0 LOG    0   0    15410|  1   1 33 900   1 288   1    0 LOG    0   0    15411|  0   0  0
0   0   0   0   0       0   0        0|  1 a
11 1__  11   1  43  1  43  11  16   1    0 LOG    0   0    20474|  2  31  1 733  12   2   1    0 LOG    0   0    20475|  2  59  1
733   7   2   1    0 LOG    0   0    20476|  1 cake
12 1__  12  20  10  1  10  10   0   0    0 LOG    0   1        0|  0   0  0   0   0   0   0   0       0   0        0|  0   0  0   0   0   0   0
0    0       0   0        0|  0 .


    RESPAS   FOR ELEMENT #
                 6 =     8     0     0

*RESOLVED SWORK RECORDS*
                                        **** M A J O R  P A T H ***** -  *** M I N O R  P A T H *****
                                      CL  UV  VB  SJ  VB  VB  CL   N  PR  DC -  CL  UV  VB  SJ  VB  VB  CL   N  PR
SP
      wc typ fr sbs sps patstm schg com  o2b o3b|  A      T   F   F   X   B   X      S -  A      T   F   F   X   B   X
 1 1__  20   1  1   0   1   0  0    0 LOG    0   0|  1   0   1   0   0   0   0   0   0 -  0   0   0   0   0   0   0   0   0   0 1 bos
 2 1__  19   4  1 942   4   0  0    0 LOG    0   0|  2   0   1   0   0   0   0   0   0 2 -  0   0   0   0   0   0   0   0   0   0 1 if
 3 1__   5  26  1 798   5  36  4    0 LOG    0   0|  2   0   1  11   0   0   0   0   0 2 -  0   0   0   0   0   0   0   0   0   0 1 she
 4 1__  12  20  1 894   4   0  0  848 LOG    0   0|  2   0   1  11   0   0   0   0   0 2 -  0   0   0   0   0   0   0   0   0   0 1 will
 5 _1_   2  54  1 835  13  84  1  846 LOG    0   0|  2   0  54  11   1   0   0   0   0 2 -  0   0   0   0   0   0   0   0   0   0 1 eat
 6 1__   1  18  2  18   3  16  1    0 LOG    0   0|  2   0  54  11   1   0   0   0   0 2 -  0   0   0   0   0   0   0   0   0   0 1 apple
 7 _1_   5  21  1 795   5  36  1  850 LOG    0   0|  1   0   1   2   0   0   0   0   0 0 -  0   0   0   0   0   0   0   0   0   0 1 I
 8 1__  12  20  1 894   4   0  0  848 LOG    0   0|  1   0   1   2   0   0   0   0   0 0 -  0   0   0   0   0   0   0   0   0   0 1 will
 9 _1_   2  41  1 354   9   2  1  846 LOG    0   0|  1   0  41   2   1   0   0   0   0 0 -  0   0   0   0   0   0   0   0   0   0 1 bake
10 1__  15  42  1 315  10   0  0    0 LOG    0   0|  1   0  41   2   1   0   0   0   0 0 -  0   0   0   0   0   0   0   0   0   0 1 a
11 1__   1  43  1  43  11  16  1    0 LOG    0   0|  1   0  41   2   1   0   0   0   0 0 -  0   0   0   0   0   0   0   0   0   0 1 cake
12 1__  20  10  1  10  10   0  0    0 LOG    0   1|  1   0  41   2   1   0   0   0   0 0 -  0   0   0   0   0   0   0   0   0   0 0 .



*SCON CELL ARRAY*
 1   1   0   1   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0   0   0
```

```
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 2  2  0  1  0  0  0  0  0  0  2  0  1  0  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 3  2  0  1 11  0  0  0  0  0  2  0  1  0  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 4  2 848  1 11  0  0  0  0  0  2  0  0  0  0  0  0  0  0  0  0  1
    0  0  0  0  0 12 74  0  1  2  0  0  0  0  0  9 37  0  1  0
 5  2 846 54 11  1  0  0  0 835  2  0 11  0  0  0  0  0  0  0  2
    0  0  0  0  0 12 31  0  1  0  0  0  0  0  0  0  0  0  0  0
 6  2  0 54 11  1  0  0  0 835  2  0  1  0  0  0  0  0  0  0  0
    0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 7  1 850  1  2  0  0  0  0 835  0  0  0  0  0  0  0  0  0  0 16
    2  0 54 11  1  4 92  0  1  1  0  0  0  0  0  1  1  0 33  0
 8  1 848  1  2  0  0  0  0 835  0  0  0  0  0  0  0  0  0  0  1
    2  0 54 11  1 12 74  0  1  2  0  0  0  0  0  9 37  0  1  0
 9  1 846 41  2  1  0  0  0 354  0  0 11  0  0  0  0  0  0  0  2
    2  0 54 11  1 12 31  0  1  0  0  0  0  0  0  0  0  0  0  0
10  1  0 41  2  1  0  0  0 354  0  0  0  0  0  0  0  0  0  0  1
    2  0 54 11  1  1  1  0 33  0  0  0  0  0  0  0  0  0  0  0
11  1  0 41  2  1  0  0  0 354  0  0  4  0  0  0  0  0  0  0  2
    2  0 54 11  1 12 31  0  1  2  0  0  0  0  0  7 59  0  1  0
12  1  0 41  2  1  0  0  0 354  0  0  1  0  0  0  0  0  0  0  0
    2  0 54 11  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

EOS

3 47 bos if she will eat apple I will bake a cake .

```
TARG_CODES: ID=  49540 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat=  0 Gender=0 WC=19
TARG_CODES: ID=  79645 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=2 ofl3a=0 ofl3b=1 pat= 91 Gender=2 WC= 5
TARG_CODES: ID=  92818 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat=  3 Gender=0 WC=12
TARG_CODES: ID=  37102 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=4 ofl3a=0 ofl3b=1 pat=315 Gender=3 WC= 2
TARG_CODES: ID=  13459 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat= 51 Gender=1 WC= 1
TARG_CODES: ID=  52988 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat= 91 Gender=1 WC= 5
TARG_CODES: ID=  92818 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat=  3 Gender=0 WC=12
TARG_CODES: ID=  15899 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=4 ofl3a=0 ofl3b=1 pat=187 Gender=3 WC= 2
TARG_CODES: ID=  15410 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=2 pat= 93 Gender=1 WC=14
TARG_CODES: ID=  20474 lang=1 MorC=1 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat= 73 Gender=1 WC= 1
```

-SWORK RECORDS

```
                                                    PAT       STEM   LVL            OFL3I OFL4I TYPSAV
 1  1 -1 -1  20  1  1  -1    0  0  0   0    0  0  0   0    0  0  0  0  0  0  0   1 BOS          0    1    0
 2  1 -1 -1  19 942  1   2    0  0  0   0    0  0  0   0    0  0  0  0  0  0  0   1 if           1    4    0
 3  1 -1 -1   5 798  1   3    0  0  0   0    0  0  0   0   36  0  0  4  0  0  0   1 she          1    5   26
 4  2 -1 -1  12 894  1   4    1  74  1   4    2  37  1   4    0 16  1  0  1  1  0   1 will         1    4   20
 5 -1  1 -1   2  31  1   5    2 835  1   5    0  0  0   0   84 84  0  1  1  0  0   1 eat          1   13   54
 6  2 -1 -1   1  18  2   6    0  0  0   0    0  0  0   0   16  0  0  1  0  0  0   1 apple        1    3   18
 7 -1  1 -1  16  92  1   7    5 795  1   7    1  1 33   7    0 36288  0  1  1  0  1   1 I          1    5   21
 8  2 -1 -1  12 894  1   8    1  74  1   8    2  37  1   8    0 16  1  0  1  1  0   1 will         1    4   20
 9 -1  1 -1   2  31  1   9    2 354  1   9    0  0  0   0    2  2  0  1  1  0  0   1 bake         1    9   41
10  1 -1 -1  15 315  1  10    1  1 33  10    0  0  0   0    0288  0  0  1  0  0   1 a            2   10   42
11  1 -1 -1   1  43  1  11    2  31  1  11    2  59  1  11   16  2  2  1  1  1  0   1 cake         1   11   43
12  1 -1 -1  20  10  1  12    0  0  0   0    0  0  0   0    0  0  0  0  0  0  0   0 EOS          0   10    0
```

SWORK RECORDS

```
       xx  wc typ fr sbs sps patstm com o2b o3b| wc typ fr sbs sps patstm com o2b o3b| wc typ fr sbs sps patstm com o2b
o3b|
 1 1__ -1  20   1  1   0   1   0  0 LOG   0   0|  0   0  0   0   0   0  0  0      0   0|  0   0  0   0   0   0  0  0      0   0|  1 BOS
 2 1__  2  19 942  1 942   4   0  0 LOG   0   0|  0   0  0   0   0   0  0  0      0   0|  0   0  0   0   0   0  0  0      0   0|  1 if
 3 1__  3   5 798  1 798   5  36  4 LOG   0   0|  0   0  0   0   0   0  0  0      0   0|  0   0  0   0   0   0  0  0      0   0|  1 she
 4 1__  4  12 894  1 894   4   0  0 LOG   0   0|  1  74  1  74  12  16  1 LOG   0   0|  2  37  1 894   9   1  1 LOG   0   0|  1
will
 5 _1_  5   2  31  1 835  12  84  1 LOG   0   0|  2 835  1 835  13  84  1 LOG   0   0|  0   0  0   0   0   0  0  0      0   0|  1 eat
 6 1__  6   1  18  2  18   3  16  1 LOG   0   0|  0   0  0   0   0   0  0  0      0   0|  0   0  0   0   0   0  0  0      0   0|  1 apple
 7 _1_  7  16  92  1  92   4   0  0 LOG   0   0|  5 795  1 795   5  36  1 LOG   0   0|  1   1 33 900   1 288  1 LOG   0   0|  1 I
```

```
 8 1__  8  12 894  1 894   4   0  0 LOG   0   0|  1  74  1  74  12  16  1 LOG   0   0|  2  37  1 894   9   1  1 LOG   0   0|  1
will
 9 _1_  9   2  31  1 354  12   2  1 LOG   0   0|  2 354  1 354   9   2  1 LOG   0   0|  0  0 0   0   0   0 0 0      0   0|  1 bake
10 1__  10  15 315  1 315  10   0  0 LOG   0   0|  1   1 33 900   1 288  1 LOG   0   0|  0  0 0   0   0   0 0 0      0   0|  1 a
11 1__  11   1  43  1  43  11  16  1 LOG   0   0|  2  31  1 733  12   2  1 LOG   0   0|  2  59  1 733   7   2  1 LOG   0   0|  1
cake
12 1__  12  20  10  1  10  10   0  0 LOG   0   1|  0   0 0   0   0   0 0 0      0   0|  0   0 0   0   0   0 0 0      0   0|  0 EOS


*THE TRATAB*
                  SWKAD    WC  O2A  O2B  O3A  O3B  TGPN  TG25     TARGET WORD
 1  BOS               -1    1    0    0    0    0     0     0       -unfound/number-
#
 2  if             49540    1    0    1    0    1     0     0       wenn
#
 3  she             79645    1    0    2    0    1    91     2       sie
#
 4  will            92818    1    0    1    0    1     3     0       werden
#
 5  eat             37102    1    0    4    0    1   315     3       essen
#
 6  apple           13459    1    0    1    0    1    51     1       Apfel
#
 7  I               52988    1    0    1    0    1    91     1       ich
#
 8  will            92818    1    0    1    0    1     3     0       werden
#
 9  bake            15899    1    0    4    0    1   187     3       backen
#
 10  a              15410    1    0    1    0    2    93     1       ein
#
 11  cake           20474    1    0    1    0    1    73     1       Kuchen
#
 12  EOS                0    1    0    0    0    0     0     0       -unfound/number-
#


***** A MATCH STARTING AT   1 LEVEL   1      ON ELEMENT  1jj           tran1
Tran rule #4161, ID: 4160
**809 BOS = -1 / T90,F02/CK FOR ? (ADD VC108 FOR ADV-S287) ST286 EGSP1
 1  (20 1 1)
   -42  10 809   1   1 -20   0 108   0 -55  19 -81  62 -55  70   1   0 -55  99   1   0 -46 -81   0   900   2 -41   1 999     0   0

***** A MATCH STARTING AT   1 LEVEL   1      ON ELEMENT  1jj           tran1
Tran rule #4075, ID: 4074
PUNC = PUNC ST1184 EGSP1
 1  (20 -1 -1)
    83   0  -1   0  84   0 999     0   0

***** A MATCH STARTING AT   2 LEVEL   1      ON ELEMENT  2jj           tran1
Tran rule #3940, ID: 3939
WHEN = WHEN E1 ST1184 CMG1087
 1  (19 4 -1)
   -63   3 460   2 999     0   0

Main 30 table #3460
   -56   1  56 299  67 909
   -66 123 299 -81   2 966 777 -81  10   2 -81  10   3  60
   -57   1  83   0 -36 197 -81  -1   0  84   0 -13 -81
   -57   2  83   0  -1   0  84   0
   -57   3 999
```

```
 CELL 67  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99

***** A MATCH STARTING AT   3 LEVEL   1      ON ELEMENT  3jj           tran1
Tran rule #1450, ID: 1449
**806 PRON = PRON / CK FOR SOME,MOST (VC110 4 SP4 S189) E1 STS1085 MMT387
 1  (5 -1 -1)
   -42  10 806   1   1
   -63   2 157   2 -34   1 -81 -81 -81 999     0   0

***** A MATCH STARTING AT   3 LEVEL   2      ON ELEMENT  3jj           tran1
Tran rule #2476, ID: 2475
01 ***806 **800 PRON(HE) = HE / CK FOR FEM ST585 B192
 2  (10 806 1)  (5 798 -1)
   -42  10 800   1   1
   -63   0 997   1 -34   1  89   1 -81 999     0   0

***** A MATCH STARTING AT   3 LEVEL   2      ON ELEMENT  3jj           tran1
Tran rule #2437, ID: 2436
01***800 SHE = SHE STS1184 B192
 2  (10 800 1)  (5 26 -1)
   -63   0 353   1 -34   1  89   1 -81 999     0   0

Main 30 table #353
   102   0  75   0  -1   0 114   0 -16   2   1   3   0 -81 999



***** A MATCH STARTING AT   4 LEVEL   3      ON ELEMENT  4jj           tran1
Tran rule #2664, ID: 2663
SHALL/WILL.5S.V = AUX -A*1 / V=F34 ST1084 EGSP1
 3  (12 20 -1)  (55 -1 -1)  (2 -1 67)
    -1   0 -34 -81 -81   6 -81 -46 -83   0   0  34 -41 101 999     0   0
 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

 VTRF LOADED
                -1   0 -34 -81 -81   6 -81 -46 -82   0   0  34 999

***** A MATCH STARTING AT   5 LEVEL   1      ON ELEMENT  5jj           tran1
Tran rule #1119, ID: 1118
**156 V = V E1 ST286 BES1287 T798
 1  (2 -1 -1)
   -42  10 156   1   1 -55  11 -81  11 -55  13 -81  13 -55  48 -81   2
   -66 123 299 -81  31 460 -81    31 461  60
   -57   1 -55  22  17   0
   -57   2 -55  22   0   0
   -57   3
   -63   1  53   1 999     0   0
 SCON( 31,-81) =    0
 SCON( 31,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99

Main 30 table #1053
   -54   4 -81  17   1  18   1  19   1  20   1 -55   5 -81 351
   -56   1 299 129   5  71
   -57   1 113   0  83   0 118   0 111   0 115   0  90   0 120   0 114   0 116   0 -31  21 -21   0  -1   0  76   0 109   0 117   0
110   0
   -57   2 113   0  83   0 118   0 111   0 115   0  90   0 120   0 114   0 116   0 -31  21 -38   0  -1   0  76   0 109   0 117   0
110   0 999
```

```
 CELL  5  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57  2  JUMP -57 99

***** A MATCH STARTING AT   6 LEVEL   2      ON ELEMENT  6jj            tran1
Tran rule #563, ID: 562
N(SC17=8) EL(NOT WC20)= -2 /F=8 S291 S491 E1
 2  (1 -1 94)  (-1 -2 -1)
  { 6081   17 8008 7777 6014   82   20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 }
   -20   0 -46 -81   0   0   8 -36  56   0 -41   2 999     0

***** A MATCH STARTING AT   6 LEVEL   2      ON ELEMENT  6jj            tran1
Tran rule #549, ID: 548
N(91) NON-N = -2 / CK S3 STS586 EGSP1
 2  (1 -1 91)  (-3 -1 -1)
   -20   0
   -63   1 352   3 -36  56   0 -41   2 999     0   0

Main 30 table #1352
   -55   3 -81 351
   -56   3 399  56   3  18   3   8   3  38
   -66 299  56 -81  45   9 777 -81   2 789  60
   -66 299  56 -81  45   9 777 -81   2 123  60
   -66 123  56 -81   3   9  60
   -66 299 399 -81   3   6  60
   -57   1 -54   1 -81   3   1 -48  13   3 -81 -54   1 -81   5   2
   -57   2 -54   1 -81   3   1 -48  13   3 -81 -54   1 -81   5   1
   -57   3 999


 CELL  3  =    8
 CELL  3  =    8
 -56 SWITCH TEST: CONDITION TRUE AT  11
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99

***** A MATCH STARTING AT   6 LEVEL   1      ON ELEMENT  6jj            tran1
Tran rule #1, ID: 0
**107 N = N / CK FOR F20,39,PN E1 ST985 MMT287
 1  (1 -1 -1)
   -42  10 107   1   1
   -63   0 802   1 999     0   0

***** A MATCH STARTING AT   6 LEVEL   2      ON ELEMENT  6jj            tran1
Tran rule #2284, ID: 2283
01 ***107 N(08)=N/SET F TO ORIG(CLEAR CELLS-S287) E1 STS586 PS87ESM987
 2  (10 107 1)  (1 -1 8)
   -54   1  31  31 -81 -54   1  32  32 -81 -54   1  33  33 -81 -54   1  35  35 -81 -54   1  34  34   -81 -54   1  37  37 -81 -54
1  38  38 -81 -54   1  42  42 -81 -54   1  43  43 -81 -55   5 -81   352
   -56   1   9 856   5  60
   -56   1   9 867   5  70
   -56   1   9 223   5  50
   -56   3 123 299   5     1   5  13   5  33
   -57   1 -46 -81   0   0   1
   -57   2 -46 -81   0   0   2
   -57   3
   -63   1  32     1 -55  14   0   0 -55  31   0   0 -55  15   0   0 -55  32   0   0 -55  33   0   0 -55  35   0     0 -55  37   0   0 -55
34   0   0 -55  38   0   0 -55  43   0   0 -55  30   0   0 -55  42   0     0 -68   1 -81  20   8   2 888   2 140 -54   1 -82  17   8
   -63   4 278   1 -36  51 -81 -36  50   -81 -36  56   1 -41   1 999     0   0
 CELL  5  =    2
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL  5  =    2
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL  5  =    2
```

-56 CONDITION FALSE, CONTINUE THIS VTR
CELL 5 = 2
CELL 5 = 2
CELL 5 = 2
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2 EXECUTE UNTIL -57 99 JUMP -57 99

Main 30 table #1032
-64 0 40 0 -55 6 -81 2
-56 3 134 123 5 13 777 777 6 206
-57 1 102 0 75 0 107 0 83 0 73 0 103 0 105 0 101 0 108 0 106 0 71 0
-57 2 -64 0 3 0
-57 3 -25 0 -1 0
-57 4 79 0 -64 0 41 0 999

Main 40 table #40
-54 1 30 30 -81 -54 1 31 31 -81 -54 1 32 32 -81 -54 1 33 33 -81 -54 1 34 34 -81 -54 1 35 35 -81 -54 1 36 36 -81 -54 1 37 37 -81 -54 1 38 38 -81 -54 1 42 42 -81 -54 1 43 43 -81 999

CELL 5 = 2
CELL 6 = 18
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 1 EXECUTE UNTIL -57 2 JUMP -57 3

Main 40 table #41
-55 14 0 0 -55 15 0 0 -55 30 0 0 -55 31 0 0 -55 32 0 0 -55 33 0 0 -55 34 0 0 -55 35 0 0 -55 36 0 0 -55 37 0 0 -55 38 0 0 -55 42 0 0 -55 43 0 0 -55 30 0 0 999

** SW68 - COMPLETED SUCCESSFULLY ***

S W O R K R E C O R D S																				PAT	STEM	OFL3I	OFL4I	TYPSAV
1	1 -1 -1	20900	2 -1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BOS		0 1	0	
2	1 -1 -1	19942	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	if		1 4	0	
3	1 -1 -1	5798	1	3	0	0	0	0	0	0	0	0	36	0	0	4	0	0		she		1 5	26	
4	2 -1 -1	12894	1	4	1	74	1	4	2	37	1	4	0	16	1	0	1	1		will		1 4	20	
5	-1 1 -1	2	31	34	5	2835	34	5	0	0	0	0	84	84	0	1	1	0		eat		1 13	54	
6	2 -1 -1	1	18	2	6	0	0	0	0	0	0	0	0	0	16	0	0	1	0	0	apple		1 3	18	
7	-1 1 -1	20888	2-140	20888	2-140	20888	2	7	0	0	0	0	0	0	* SWITCH68 *		0 0	0						
8	-1 1 -1	16	92	1	7	5795	1	7	1	1	33	7	0	36288	0	1	1	I				1 5	21	
9	2 -1 -1	12894	1	8	1	74	1	8	2	37	1	8	0	16	1	0	1	1		will		1 4	20	
10	-1 1 -1	2	31	1	9	2354	1	9	0	0	0	0	2	2	0	1	1	0		bake		1 9	41	
11	1 -1 -1	15315	1	10	1	1	33	10	0	0	0	0	0288	0	0	1	0	a				2 10	42	
12	1 -1 -1	1	43	1	11	2	31	1	11	2	59	1	11	16	2	2	1	1	1	cake		1 11	43	
13	1 -1 -1	20	10	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	EOS		0 10	0	

SCONS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
7 20 888 0 0 0 0 0 0 0 0 2 0 8 0 0 0 0 0 0 0

Main 30 table #4278
-36 122 -82 999

TARG_CODES: ID= 122 lang=1 MorC=2 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat= 0 Gender=0 WC=20

***** A MATCH STARTING AT 7 LEVEL 1 ON ELEMENT 7jj tran1
Tran rule #4179, ID: 4178
, = , /TST FOR SC17 NE 19,50,0,18,81 IWC SUPETSET=8 ST1184 PS0987 S1188 E1
1 (20 2 -1)
-66 129 299 -81 217 19 777 -81 217 50 777 -81 217 0 60
-57 1 -46 -81 0 8 0 83 0 -1 0 84 0

```
  -57   2  83   0  -1   0  84   0
  -57   3 999     0   0
 SCON( 17,-81) =    8
 SCON( 17,-81) =    8
 SCON( 17,-81) =    8
 -66 SWITCH TEST: CONDITION TRUE AT  12
 BRANCH TO -57  1   EXECUTE UNTIL -57  2  JUMP -57 99

***** A MATCH STARTING AT   8 LEVEL   1      ON ELEMENT  8jj            tran1
Tran rule #1450, ID: 1449
**806 PRON = PRON / CK FOR SOME,MOST (VC110 4 SP4 S189) E1 STS1085 MMT387
 1  (5 -1 -1)
  -42  10 806   1   1
  -63   2 157   2 -34   1 -81 -81 -81 999     0   0

***** A MATCH STARTING AT   8 LEVEL   2      ON ELEMENT  8jj            tran1
Tran rule #2473, ID: 2472
01 ***806 PRON(I) = I / WC05=WC01 ST585 EGSP1
 2  (10 806 1)  (5 795 -1)
  -63   0 992   1 -34   1  89   1 -81 999     0   0

Main 30 table #992
  102   0  75   0  79   0  -1   0 114   0 -16   1   1   1   0 -81 -54   1 -81  11  70 999



***** A MATCH STARTING AT   9 LEVEL   3      ON ELEMENT  9jj            tran1
Tran rule #2664, ID: 2663
SHALL/WILL.5S.V = AUX -A*1 / V=F34 ST1084 EGSP1
 3  (12 20 -1)  (55 -1 -1)  (2 -1 67)
   -1   0 -34 -81 -81   6 -81 -46 -83   0   0  34 -41 101 999     0   0
 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

 VTRF LOADED
                -1   0 -34 -81 -81   6 -81 -46 -82   0   0  34 999

***** A MATCH STARTING AT  10 LEVEL   1      ON ELEMENT 10jj            tran1
Tran rule #1119, ID: 1118
**156 V = V E1 ST286 BES1287 T798
 1  (2 -1 -1)
  -42  10 156   1   1 -55  11 -81  11 -55  13 -81  13 -55  48 -81   2
  -66 123 299 -81  31 460 -81    31 461  60
  -57   1 -55  22  17   0
  -57   2 -55  22   0   0
  -57   3
  -63   1  53   1 999     0   0
 SCON( 31,-81) =    0
 SCON( 31,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99

Main 30 table #1053
  -54   4 -81  17   1  18   1  19   1  20   1 -55   5 -81 351
  -56   1 299 129   5  71
  -57   1 113   0  83   0 118   0 111   0 115   0  90   0 120   0 114   0 116   0 -31  21 -21   0  -1   0  76   0 109   0 117   0
110   0
  -57   2 113   0  83   0 118   0 111   0 115   0  90   0 120   0 114   0 116   0 -31  21 -38   0  -1   0  76   0 109   0 117   0
110   0 999


 CELL  5  =  34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57  2  JUMP -57 99
```

```
***** A MATCH STARTING AT  11 LEVEL   1      ON ELEMENT 11jj           tran1
Tran rule #3729, ID: 3728
A = -1/EXPERIMENT
 1  (15 315 -1)
  -20   0
  -63   5 210   3 -36  56   0 -41   1 999     0   0

***** A MATCH STARTING AT  11 LEVEL   1      ON ELEMENT 11jj           tran1
Tran rule #3561, ID: 3560
**11 DET =((DET)) / CK FOR ANY, A BIT OF E1 ST282 MMT287
 1  (15 -1 -1)
  -42  10  11   1   1 -20   0 -55  31 -81 350 -55  33 -81  11 -31  16
  -63   0 596   1 999     0   0

Main 30 table #596
  -66 123 299 -81   2 227  60
  -57   1 -11  75 107 -81 -31  11 -11  75 107 127 -31  11 -31 -81
  -57   2 -36  45 -81 -11  75 107 -81 -31 -81
  -57   3 999


 SCON(  2,-81) =  315
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 BEFORE- SLOTAD,SLOTA2,SLDUMP   5   0   0 SLOT
   107
 AFTER- SLOTAD,SLOTA2,SLDUMP   5   0   0 SLOT
   107-10381   -31-10381   999    10

***** A MATCH STARTING AT  12 LEVEL   2      ON ELEMENT 12jj           tran1
Tran rule #549, ID: 548
N(91) NON-N = -2 / CK S3 STS586 EGSP1
 2  (1 -1 91)  (-3 -1 -1)
  -20   0
  -63   1 352   3 -36  56   0 -41   2 999     0   0

Main 30 table #1352
  -55   3 -81 351
  -56   3 399  56   3  18   3   8   3  38
  -66 299  56 -81  45   9 777 -81   2 789  60
  -66 299  56 -81  45   9 777 -81   2 123  60
  -66 123  56 -81   3   9  60
  -66 299 399 -81   3   6  60
  -57   1 -54   1 -81   3   1 -48  13   3 -81 -54   1 -81   5   2
  -57   2 -54   1 -81   3   1 -48  13   3 -81 -54   1 -81   5   1
  -57   3 999


 CELL  3  =    1
 CELL  3  =    1
 CELL  3  =    1
 -56 056 CONDITION AT  13,                    CONTINUE TO THE RIGHT
 SCON( 45,-81) =    0
 -66 056 CONDITION AT  22,                    CONTINUE TO THE RIGHT
 SCON( 45,-81) =    0
 -66 056 CONDITION AT  33,                    CONTINUE TO THE RIGHT
 SCON(  3,-81) =    1
 -66 056 CONDITION AT  40,                    CONTINUE TO THE RIGHT
 SCON(  3,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
```

***** A MATCH STARTING AT 12 LEVEL 1 ON ELEMENT 12jj tran1
Tran rule #1, ID: 0
**107 N = N / CK FOR F20,39,PN E1 ST985 MMT287
1 (1 -1 -1)
-42 10 107 1 1
-63 0 802 1 999 0 0

Main 30 table #802
-55 5 -81 351
-56 1 199 399 5 50
-57 1 -46 -81 19 0 0
-22 1 -81 1 -1 57 -46 -81 1 0 0
-56 1 299 399 2 1
-57 2 -46 -81 1 0 57
-57 3 -64 0 138 0 999

CELL 5 = 1
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 3 EXECUTE UNTIL -57 99 JUMP -57 99

Main 40 table #138
-64 0 40 0 -64 0 139 0 -64 0 41 0 999

Main 40 table #40
-54 1 30 30 -81 -54 1 31 31 -81 -54 1 32 32 -81 -54 1 33 33 -81 -54 1 34 34 -81 -54 1 35 35 -81 -54 1 36 36 -81 -54 1 37 37 -81 -54 1 38 38 -81 -54 1 42 42 -81 -54 1 43 43 -81 999

Main 40 table #139
-64 0 7 0 -64 0 39 0 -64 0 45 0
-66 940 6 -81 20 70 -81 20 171 60 -55 5 -81 351 -55 6 -81 11 -55 7 -81 13 -55 8 -81 14
-56 7 940 27 5 57 777 777 6 75 777 777 7 12 777 777 8 1
-66 56 199 -81 31 0 777 -81 32 0 777 -81 33 0 777 -81 35 0 777 -81 36 0 60
-66 127 199 -81 2 206 777 -81 13 5 60
-57 1 102 0 75 0 107 0 83 0 73 0 103 0 105 0 108 0 106 0 71 0 77 0 101 0
-57 2
-56 3 348 56 8 2 777 777 5 57 -55 1 -81 20
-56 3 678 56 19 864 777 777 1 79
-56 3 458 56 5 57 777 777 408 0
-56 3 348 56 5 50 777 777 8 0
-56 3 348 56 5 57 777 777 8 0
-66 568 56 -81 1 16 777 -81 20 79 60
-66 458 56 -81 1 16 60
-66 678 56 -81 62 851 -81 62 848 -81 62 849 -81 2 848 -81 20 848 60
-66 568 458 -81 20 79 60
-57 3 -54 1 -81 8 2 -54 1 -81 13 15 -25 0 -1 2 117 0 -54 1 -81 7 0
-57 4 -25 0 -1 0 -54 1 -81 7 0
-57 5 575 0 864 0 865 0 -25 0 -1 0 -54 1 -81 7 0
-57 6 -64 0 14 2 -81 -1
-57 7 -64 0 3 0
-57 8 104 0 74 0 112 0 79 0 96 0 110 0 -55 70 0 0 -54 1 -81 20 1 999

Main 40 table #7
-66 124 56 -81 20 101 -81 20 171 60
-66 234 56 -81 20 315 60
-56 1 56 499 31 315
-66 499 56 -81 12 9 60

```
  -66 499  56 -81  13  15 -81  13   7 -81  13   4  60 -55   5 -81 351
  -56   1 499  56   5  70
  -66 499  56 -81  46 101  60
  -66 499  56 -81   2 733  60
  -66 499  56 -81  13  15 -81  13  16  60
  -66 399 499 -81   3   7 -81   3   8 -81   3   9  60
  -57   1 -40   0 -11  75 107 131 -31  11 -54   1 -81  46 101
  -57   2 -40   0 -11  75 107 532 -31  11 -54   1 -81  46 315
  -57   3 -36  45   3 -31  16 -48  13   9 -81 -44 -96 107 140   0 -54   1 -81  46 140
  -57   4 999


 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 -66 056 CONDITION AT   7,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  14,                    CONTINUE TO THE RIGHT
 CELL 31  =  315
 -56 056 CONDITION AT  22,                    CONTINUE TO THE RIGHT
 SCON( 12,-81) =    1
 -66 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
 SCON( 13,-81) =   11
 SCON( 13,-81) =   11
 SCON( 13,-81) =   11
 -66 056 CONDITION AT  40,                    CONTINUE TO THE RIGHT
 CELL  5  =    1
 -56 056 CONDITION AT  52,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  57,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =   43
 -66 056 CONDITION AT  64,                    CONTINUE TO THE RIGHT
 SCON( 13,-81) =   11
 SCON( 13,-81) =   11
 -66 056 CONDITION AT  74,                    CONTINUE TO THE RIGHT
 SCON(  3,-81) =    1
 SCON(  3,-81) =    1
 SCON(  3,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99

Main 40 table #39
  -56   3 199  56  37 140 777 777  31 101
  -56   3  56 399  30 140 777 777  31 101
  -57   1
  -66 235  56 -81   3   4 -81   3   5 -81   3   6  60
  -66 399  56 -81   3   7 -81   3   8 -81   3   9  60 -55   5 -81 351
  -56   1 399  56   5  10
  -56   1 235 399 505  71
  -57   2 -36  45   1 -44 -96 107 131   0 -44 -96 107 457 -97
  -57   3
  -56   1 499 599  31 338
  -57   4 -16 -81   2 -81   0 -81
  -57   5 999


 CELL 37  =    0
 CELL 31  =  315
 -56 056 CONDITION AT   9,                    CONTINUE TO THE RIGHT
 CELL 30  =    0
 CELL 31  =  315
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 CELL 31  =  315
```

-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 5   EXECUTE UNTIL -57 99 JUMP -57 99

Main 40 table #45
  -66 56 299 -81 57 29 -81 57 308 -81 57 129 -81 57 307 -81 57 166 777 -81 13   9 60
  -66 199 299 -81 62 864 60
  -57   1 -11 71 878   0 -31 11
  -57   2 999

SCON(57,-81) =   16
SCON(57,-81) =   16
SCON(57,-81) =   16
SCON(57,-81) =   16
SCON(57,-81) =   16
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
SCON(20,-81) =   0
SCON(20,-81) =   0
-66 CONDITION FALSE, CONTINUE THIS VTR
CELL 5 =   1
CELL 6 =   43
CELL 7 =   11
CELL 8 =   0
-56 CONDITION FALSE, CONTINUE THIS VTR
SCON(31,-81) = 315
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 1   EXECUTE UNTIL -57 99 JUMP -57 99
CELL 8 =   0
CELL 5 =   1
-56 056 CONDITION AT 127,   CONTINUE TO THE RIGHT
CELL 19 =   0
CELL 1 =   0
-56 056 CONDITION AT 141,   CONTINUE TO THE RIGHT
CELL 5 =   1
CELL 8 =   0
-56 056 CONDITION AT 151,   CONTINUE TO THE RIGHT
CELL 5 =   1
CELL 8 =   0
-56 056 CONDITION AT 161,   CONTINUE TO THE RIGHT
CELL 5 =   1
CELL 8 =   0
-56 056 CONDITION AT 171,   CONTINUE TO THE RIGHT
SCON(1,-81) =   1
-66 056 CONDITION AT 180,   CONTINUE TO THE RIGHT
SCON(1,-81) =   1
-66 056 CONDITION AT 187,   CONTINUE TO THE RIGHT
SCON(62,-81) =   0
SCON(62,-81) =   0
SCON(62,-81) =   0
SCON(2,-81) =   43
SCON(20,-81) =   0
-66 056 CONDITION AT 206,   CONTINUE TO THE RIGHT
SCON(20,-81) =   0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 4   EXECUTE UNTIL -57 5 JUMP -57 8

Main 40 table #41
  -55 14   0   0 -55 15   0   0 -55 30   0   0 -55 31   0   0 -55 32   0   0 -55 33   0   0 -55 34   0   0 -55 35   0   0 -55
36   0   0 -55 37   0   0 -55 38   0   0 -55 42   0   0 -55 43   0   0 -55 30   0   0 999

***** A MATCH STARTING AT 13 LEVEL 1 ON ELEMENT 13jj tran1
Tran rule #4190, ID: 4189
EOS = EOS /ADDED 091 SEPT/99 PTGTRG STS
1 (20 10 1)
83 0 84 0 91 0 -1 0 -55 64 0 0 -55 66 0 0 999 0 0

---------- tran1 PROCESSING COMPLETE ----------
THE SCON FOR tran1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	20	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	19	942	1	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	2	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0
3	5	798	2	2	1	3	0	0	0	3	89	1	5	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	36	0	91	0
	2	0	1	11	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0
4	12	894	1	0	0	0	0	0	0	4	20	1	4	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0
	2	848	1	11	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	12	74	0	1	2	0	0	0	0	0	9	37	0	1	0
5	2	835	4	0	0	3	0	0	0	5	54	1	13	0	0	0	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	84	0	315	0
	2	846	54	11	1	0	0	0	835	2	0	11	0	0	0	0	0	0	0	2
	0	0	0	0	0	12	31	0	1	0	0	0	0	0	0	0	0	0	0	0
6	1	18	9	1	2	3	4	0	0	6	18	1	3	0	0	0	8	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16	0	51	0
	2	0	54	11	1	0	0	0	835	2	0	1	0	0	0	0	0	0	0	0
7	20	888	0	1	0	0	0	0	0	0	8	0	8	0	0	0	8	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	122
8	5	795	1	1	1	1	0	0	0	7	89	1	5	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	36	0	91	0
	1	850	1	2	0	0	0	0	835	0	0	0	0	0	0	0	0	0	0	16
	2	0	54	11	1	4	92	0	1	1	0	0	0	0	0	1	1	0	33	0
9	12	894	1	0	0	0	0	0	0	8	20	1	4	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0
	1	848	1	2	0	0	0	0	835	0	0	0	0	0	0	0	0	0	0	1
	2	0	54	11	1	12	74	0	1	2	0	0	0	0	0	9	37	0	1	0
10	2	354	4	0	0	0	0	0	0	9	41	1	9	0	0	0	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	187	0
	1	846	41	2	1	0	0	0	354	0	0	11	0	0	0	0	0	0	0	2
	2	0	54	11	1	12	31	0	1	0	0	0	0	0	0	0	0	0	0	0
11	15	315	6	1	0	3	4	0	0	10	42	2	10	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	93	0
	1	0	41	2	1	0	0	0	354	0	0	0	0	0	0	0	0	0	0	1
	2	0	54	11	1	1	1	0	33	0	0	0	0	0	0	0	0	0	0	0
12	1	43	6	1	0	3	4	0	0	11	43	1	11	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	315	0	42	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16	0	73	0
	1	0	41	2	1	0	0	0	354	0	0	4	0	0	0	0	0	0	0	2

```
      2   0  54  11   1  12  31   0   1   2   0   0   0   0   0   7  59   0   1   0
 13  20  10   0   0   0   0   0   0   0  12   0   0  10   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      1   0  41   2   1   0   0   0 354   0   0   1   0   0   0   0   0   0   0   0
      2   0  54  11   1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 25   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 29   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 30   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 33 108   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 113   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 118   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 111   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 115   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 120   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 114   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 116   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 109   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 117   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 110   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 102   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 107   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 103   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 105   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 101   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 108   0   9   1   2   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 106   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 65 102   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 66 107   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 67 103   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 68 105   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 69 108   0   6   1   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 70 106   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 71 101   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 72 104   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 73 112   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0
 74 110   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0   0

      ***** OUTPUT TARGET ARRAYS IN tran1  *****


( 1) SWORKO =    20   900     2     1   BOS               1     2
    OPADRO    -108    -1
    SCONPO      33     1
    HFDOPO       0     0

( 2) SWORKO =    19   942     1     2   if                3     3
```

```
    OPADRO      2
    SCONPO      2
    HFDOPO      0

( 3) SWORKO =    1   798    1    3   she              4    6
    OPADRO   -102    3  -114
    SCONPO     34    3   35
    HFDOPO      0    0    0

( 4) SWORKO =   12   894    6    4   will             7    7
    OPADRO      4
    SCONPO      4
    HFDOPO      0

( 5) SWORKO =    2   835   34    5   eat              8   18
    OPADRO   -113  -118  -111  -115  -120  -114  -116    5  -109  -117  -110
    SCONPO     36   37   38   39   40   41   42    5   43   44   45
    HFDOPO      0    0    0    0    0    0    0    0    0    0    0

( 6) SWORKO =    1   18    2    6   apple            19   26
    OPADRO   -102  -107  -103  -105  -101  -108  -106    6
    SCONPO     46   47   48   49   50   51   52    6
    HFDOPO      0    0    0    0    0    0    0    0

( 7) SWORKO =   20   888    2    7   * SWITCH68 *       27   27
    OPADRO   -122
    SCONPO      7
    HFDOPO      0

( 8) SWORKO =    1   795    1    8   I                28   30
    OPADRO   -102    7  -114
    SCONPO     53    8   54
    HFDOPO      0    0    0

( 9) SWORKO =   12   894    6    9   will             31   31
    OPADRO      8
    SCONPO      9
    HFDOPO      0

(10) SWORKO =    2   354   34   10   bake             32   42
    OPADRO   -113  -118  -111  -115  -120  -114  -116    9  -109  -117  -110
    SCONPO     55   56   57   58   59   60   61   10   62   63   64
    HFDOPO      0    0    0    0    0    0    0    0    0    0    0

(11) SWORKO =    1   43   30   12   cake             43   54
    OPADRO   -102  -107  -107  -103  -105  -108  -106  -101   11  -104  -112  -110
    SCONPO     65   11   66   67   68   69   70   71   12   72   73   74
    HFDOPO      0   10    0    0    0    0    0    0    0    0    0    0

(12) SWORKO =   20   10    1   13   EOS              55   55
    OPADRO     12
    SCONPO     13
    HFDOPO      0
*EOS*
  3  47 bos if she will eat apple I will bake a cake .

          ***** THE SWORK TABLE IN tran2  *****
 20  900   2  1       19  942   1  2        1  798   1  3       12  894   6  4        2  835  34  5
  BOS               if                she               will              eat
  1   18   2  6       20  888   2  7        1  795   1  8       12  894   6  9        2  354  34 10
  apple             * SWITCH68 *         I                 will              bake
  1   43  30 12       20   10   1 13
  cake              EOS
```

```
CLSNFO ARRAYS - NUMBER OF CLAUSES IDENTIFIED   (INCLUDING MAIN CLAUSE) = 1
              NUMBER OF CLAUSES MOVED       (EXCLUDING MAIN CLAUSE) = 0
              NUMBER OF CLAUSES STILL TO BE MOVED                   =  0
            BEGIN  ENDING BEGIN  ENDING
      CLAUSE INPUT  INPUT  OUTPUT OUTPUT PARENT CLMRKR ANTCDN ANTCDN ANTCDN ANTCDN
RELPRO
        ID   SWORK  SWORK  SWORK  SWORK  CLAUSE SCONS  SWORK  SCONPT OPIBEG OPIEND SCON
          1     1    12     1     0     0     0     0     0     0     0     0
      CLAUSE  PARENT
        ID    CELLS    ( TRAILING ZEROES ARE NOT PRINTED )

CURRENT CLAUSE ID =  1
CLSCON ARRAYS   (CLSID IS INITIALIZED TO 1. ENTRY NOT PRINTED IF CLSID=1 AND BOTH CMCHLD
AND ACHILD = 0

***** A MATCH STARTING AT   1 LEVEL   3        ON ELEMENT  1jj          tran2
Tran rule #2226, ID: 2225
BOS .1S. V(95) = -A*0 / FORM FIELD IN C15 STS586 EGSP2
 3  (20 900 -1)  (51 -1 -1)  (2 -1 95)
   -20   0
   -63   1 376   1 -36  56   0 -41 100 999     0   0

 STR1CHG:     2        STR2CHG:     0        STR3CHG:     0

Main 30 table #1376
   -55  15 -83 351 999


 SW55 - LOADED CELL: 15 WITH VALUE:    34, VBRELP =  5

***** A MATCH STARTING AT   1 LEVEL   3        ON ELEMENT  1jj          tran2
Tran rule #2224, ID: 2223
BOS IF N = -2 / IF=WC2009019
 3  (20 900 -1)  (19 942 -1)  (1 -1 -1)
   -20   0 -46 -82  20  90  19 -46 -82   0   1   0
   -63   0 471   1 -41   2 999     0   0


Main 30 table #471
    -1   0 999



***** A MATCH STARTING AT   2 LEVEL   1        ON ELEMENT  2jj          tran2
Tran rule #1983, ID: 1982
PUNC = PUNC E2 GS1181
 1  (20 -1 -1)
   -63   0 447   1 999     0   0


Main 30 table #447
   -66  56 199 -81   2 942  60
   -56   3  56 199  31  22 777 777  28 791 -36 184 -81
   -57   1
   -66 299 234 -81   2 877  60
   -57   2  73   0  -1   0
   -57   3  72   0  91   0  81   0  85   0  83   0  88   0  89   0  96   0  84   0  86   0  90   0  87   0  92   0  82   0  97   0  98   0
93   0
   -57   4
   -66 699 599 -81  20 909 -81  20 719 -81  20 436  60
   -57   5 -54   1 -81  20   0
   -57   6 999
```

```
 SCON(  2,-81) =  942
 -66 056 CONDITION AT   4,                    CONTINUE TO THE RIGHT
 CELL 31  =    0
 CELL 28  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  21
 SCON(  2,-81) =  942
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57  3  JUMP -57  4
 SW57 - VTR BREAK POINT, K3:  30
 SW57 - VTR BREAK POINT, K3:  36
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:   72
 SW57 - VTR BREAK POINT, K3:  72
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  87
 SW57 - VTR BREAK POINT, K3:  94

***** A MATCH STARTING AT   3 LEVEL   1        ON ELEMENT  3jj          tran2
Tran rule #1, ID: 0
**237 N = N / CK FOR CONNOM PREP-OBJ,GEN; IF SC40=15 CHAIN(S287);ST584 EGSP2
 1  (1 -1 -1)
   -42  10 237   1   1
   -66 199 299 -81  40  15  60
   -57   1 -20   0
   -57   2
   -63   0   2   1 999     0   0

 SCON( 40,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  17

Main 30 table #2
   -64   0 133   1 -81
   -66 940 126 -81   2 103 777 -81  59  94  60
   -66 128  56 -81  18  84  60
   -66 348  56 -81  46  13  60 -55   3 -81 351
   -56   1 799  56   3 175
   -56   1  56 599   3  65
   -66 238  56 -81  20  79  60
   -56   1  56 348   3  90
   -66 458 348 -81  36   0 777 -81  31   0  60
   -57   1 -38   1  -1   0 -13 -81
   -57   2  83   0 575   0 864   0 -38 -99  -1   0 -13 -81  89   0
   -57   3  83   0 -38 -99  -1   0 -13 -81  89   0
   -57   4  83   0 -25   5  -1   0 -13 -81  89   0
   -57   5
   -66 678 799 -81  20  79  60
   -57   6  83   0 575   0 864   0 -25   0  -1   0  89   0
   -57   7  83   0 -25   0  -1   0  89   0
   -57   8 999



Main 40 table #133
   -66 123  56 -81  28 800 777 -81  57  29 777 -81  13   1  60
   -66 299 399 -81  31 338  60
```

```
  -57   1 -16   3 -81   3 -81 -81
  -57   2 -54   1 -81   5   2
  -57   3
  -66 499 599 -81 235   0  60
  -57   4 -64   0  35   1 -81
  -57   5
  -66 699 799 -81 231   0 777 -81  46 140  60
  -57   6 -54   1 -81   3   9 -16 -81 -81 -81   0 -81
  -57   7 999


 SCON( 28,-81) =    0
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 31,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  38
 SCON( 35,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  54
 SCON( 31,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  80
 SCON(  2,-81) =  798
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 18,-81) =    0
 -66 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:     1, VBRELP =  3
 CELL  3  =    1
 -56 056 CONDITION AT  39,                    CONTINUE TO THE RIGHT
 CELL  3  =    1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 119
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 142
 SW57 - VTR BREAK POINT, K3: 152

***** A MATCH STARTING AT   4 LEVEL   1        ON ELEMENT  4jj          tran2
Tran rule #1697, ID: 1696
AUX = AUX GS1181 EGSP2
 1  (12 -1 -1)
   -63   0  91   1 999     0   0


Main 30 table #91
   -66 123 299 -81  20 709  60
   -57   1  85   0  -1   0
   -57   2  -1   0
   -57   3 999


 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  14
 SW57 - VTR BREAK POINT, K3:  18
```

***** A MATCH STARTING AT 5 LEVEL 1   ON ELEMENT 5jj   tran2
Tran rule #719, ID: 718
**132 V = V/CK FOR CAUSE,INFORM TYPES/SUBS IN C28(CMG)E2 GS1181 MMT589
 1 (2 -1 -1)
  -55 55   0   0
  -63   0 186   1 -55   2 -81 351 -55   3 -81 44
  -56   3 123 299 402 71 777 777   3 159
  -57   1 -34 -81 -81 80 -81
  -57   2 -34 -81 -81 -81 -81
  -57   3
  -56   1 499 599 20   0   -57   4 -55 11 -81 11 -55 15 -81 351 -55 28 -81   2 -55 13 -81 13
  -57   5
  -63   1 480   3 999   0   0

 SW55 - LOADED CELL: 55 WITH VALUE: 0

Main 30 table #186
  -55   5 -81 351
  -56   5 123 299 11 89 777 777 28 571 777 777   5   5
  -57   1 85   0 111   0 -1   0
  -57   2 85   0 -1   0
  -57   3 -54   1 -81   4   0 -54   1 -81   5   0 -54   1 -81   6   0 -55 18 -81 351 999

 SW55 - LOADED CELL: 5 WITH VALUE: 34, VBRELP = 5
 CELL 11 =   0
 CELL 28 =   0
 CELL 5 =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 27
 SW57 - VTR BREAK POINT, K3: 33
 SW55 - LOADED CELL: 18 WITH VALUE: 34, VBRELP = 5
 SW55 - LOADED CELL: 2 WITH VALUE: 34, VBRELP = 5
 SW55 - LOADED CELL: 3 WITH VALUE: 0, VBRELP = 5
 CELL 2 =   34
 CELL 3 =   0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 34
 SW57 - VTR BREAK POINT, K3: 41
 CELL 20 =   0
 -56 SWITCH TEST: CONDITION TRUE AT 47
 BRANCH TO -57 4   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 49
 SW55 - LOADED CELL: 11 WITH VALUE: 54, VBRELP = 5
 SW55 - LOADED CELL: 15 WITH VALUE: 34, VBRELP = 5
 SW55 - LOADED CELL: 28 WITH VALUE: 835, VBRELP = 5
 SW55 - LOADED CELL: 13 WITH VALUE: 13, VBRELP = 5
 SW57 - VTR BREAK POINT, K3: 67

Main 30 table #1480
  -55   5 -81 17
  -56   1 399 499   5 15
  -57   3 -11 85 111   0
  -57   4 999

 SW55 - LOADED CELL: 5 WITH VALUE: 1, VBRELP = 5
 CELL 5 =   1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 4   EXECUTE UNTIL -57 99 JUMP -57 99

```
 SW57 - VTR BREAK POINT, K3:  17

***** A MATCH STARTING AT   6 LEVEL   1        ON ELEMENT  6jj          tran2
Tran rule #1, ID: 0
**237 N = N / CK FOR CONNOM PREP-OBJ,GEN; IF SC40=15 CHAIN(S287);ST584 EGSP2
 1  (1 -1 -1)
   -42  10 237   1   1
   -66 199 299 -81  40  15  60
   -57   1 -20   0
   -57   2
   -63   0   2   1 999     0   0

 SCON( 40,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  17

Main 30 table #2
   -64   0 133   1 -81
   -66 940 126 -81   2 103 777 -81  59  94  60
   -66 128  56 -81  18  84  60
   -66 348  56 -81  46  13  60 -55   3 -81 351
   -56   1 799  56   3 175
   -56   1  56 599   3  65
   -66 238  56 -81  20  79  60
   -56   1  56 348   3  90
   -66 458 348 -81  36   0 777 -81  31   0  60
   -57   1 -38   1  -1   0 -13 -81
   -57   2  83   0 575   0 864   0 -38 -99  -1   0 -13 -81  89   0
   -57   3  83   0 -38 -99  -1   0 -13 -81  89   0
   -57   4  83   0 -25   5  -1   0 -13 -81  89   0
   -57   5
   -66 678 799 -81  20  79  60
   -57   6  83   0 575   0 864   0 -25   0  -1   0  89   0
   -57   7  83   0 -25   0  -1   0  89   0
   -57   8 999



Main 40 table #133
   -66 123  56 -81  28 800 777 -81  57  29 777 -81  13   1  60
   -66 299 399 -81  31 338  60
   -57   1 -16   3 -81   3 -81 -81
   -57   2 -54   1 -81   5   2
   -57   3
   -66 499 599 -81 235   0  60
   -57   4 -64   0  35   1 -81
   -57   5
   -66 699 799 -81 231   0 777 -81  46 140  60
   -57   6 -54   1 -81   3   9 -16 -81 -81 -81   0 -81
   -57   7 999


 SCON( 28,-81) =    0
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 31,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  38
 SCON( 35,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  54
```

```
 SCON( 31,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  80
 SCON(  2,-81) =   18
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 18,-81) =    0
 -66 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:     2, VBRELP =  6
 CELL  3 =    2
 -56 056 CONDITION AT  39,                    CONTINUE TO THE RIGHT
 CELL  3 =    2
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 119
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 142
 SW57 - VTR BREAK POINT, K3: 152

***** A MATCH STARTING AT   7 LEVEL   1        ON ELEMENT  7jj          tran2
Tran rule #1983, ID: 1982
PUNC = PUNC E2 GS1181
 1  (20 -1 -1)
   -63   0 447   1 999     0   0


Main 30 table #447
   -66  56 199 -81   2 942  60
   -56   3  56 199  31  22 777 777  28 791 -36 184 -81
   -57   1
   -66 299 234 -81   2 877  60
   -57   2  73   0  -1   0
   -57   3  72   0  91   0  81   0  85   0  83   0  88   0  89   0  96   0  84   0  86   0  90   0  87   0  92   0  82   0  97   0  98   0
93   0
   -57   4
   -66 699 599 -81  20 909 -81  20 719 -81  20 436  60
   -57   5 -54   1 -81  20   0
   -57   6 999


 SCON(  2,-81) =  888
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  21
 SCON(  2,-81) =  888
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57  3  JUMP -57  4
 SW57 - VTR BREAK POINT, K3:  30
 SW57 - VTR BREAK POINT, K3:  36
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:   72
 SW57 - VTR BREAK POINT, K3:  72
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  87
 SW57 - VTR BREAK POINT, K3:  94
```

***** A MATCH STARTING AT 8 LEVEL 1   ON ELEMENT 8jj   tran2
Tran rule #1, ID: 0
**237 N = N / CK FOR CONNOM PREP-OBJ,GEN; IF SC40=15 CHAIN(S287);ST584 EGSP2
 1 (1 -1 -1)
  -42 10 237   1   1
  -66 199 299 -81 40 15 60
  -57   1 -20   0
  -57   2
  -63   0   2   1 999   0   0

 SCON(40,-81) =   0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 17

Main 30 table #2
  -64   0 133   1 -81
  -66 940 126 -81   2 103 777 -81 59 94 60
  -66 128 56 -81 18 84 60
  -66 348 56 -81 46 13 60 -55   3 -81 351
  -56   1 799 56   3 175
  -56   1 56 599   3 65
  -66 238 56 -81 20 79 60
  -56   1 56 348   3 90
  -66 458 348 -81 36   0 777 -81 31   0 60
  -57   1 -38   1 -1   0 -13 -81
  -57   2 83   0 575   0 864   0 -38 -99 -1   0 -13 -81 89   0
  -57   3 83   0 -38 -99 -1   0 -13 -81 89   0
  -57   4 83   0 -25   5 -1   0 -13 -81 89   0
  -57   5
  -66 678 799 -81 20 79 60
  -57   6 83   0 575   0 864   0 -25   0 -1   0 89   0
  -57   7 83   0 -25   0 -1   0 89   0
  -57   8 999

Main 40 table #133
  -66 123 56 -81 28 800 777 -81 57 29 777 -81 13   1 60
  -66 299 399 -81 31 338 60
  -57   1 -16   3 -81   3 -81 -81
  -57   2 -54   1 -81   5   2
  -57   3
  -66 499 599 -81 235   0 60
  -57   4 -64   0 35   1 -81
  -57   5
  -66 699 799 -81 231   0 777 -81 46 140 60
  -57   6 -54   1 -81   3   9 -16 -81 -81 -81   0 -81
  -57   7 999

 SCON(28,-81) =   0
 -66 056 CONDITION AT 12,   CONTINUE TO THE RIGHT
 SCON(31,-81) =   0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 3   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 38
 SCON(35,-81) =   0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 5   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 54
 SCON(31,-81) =   0
 -66 SWITCH TEST: CONDITION FALSE

```
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  80
 SCON(  2,-81) =  795
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 18,-81) =    0
 -66 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:     1, VBRELP =  8
 CELL  3  =    1
 -56 056 CONDITION AT  39,                    CONTINUE TO THE RIGHT
 CELL  3  =    1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 119
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 142
 SW57 - VTR BREAK POINT, K3: 152

***** A MATCH STARTING AT   9 LEVEL   1        ON ELEMENT  9jj          tran2
Tran rule #1697, ID: 1696
AUX = AUX GS1181 EGSP2
 1  (12 -1 -1)
   -63   0  91   1 999     0   0


Main 30 table #91
   -66 123 299 -81  20 709  60
   -57   1  85   0  -1   0
   -57   2  -1   0
   -57   3 999


 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  14
 SW57 - VTR BREAK POINT, K3:  18

***** A MATCH STARTING AT  10 LEVEL   1        ON ELEMENT 10jj          tran2
Tran rule #719, ID: 718
**132 V = V/CK FOR CAUSE,INFORM TYPES/SUBS IN C28(CMG)E2 GS1181 MMT589
 1  (2 -1 -1)
   -55  55   0   0
   -63   0 186   1 -55   2 -81 351 -55   3 -81  44
   -56   3 123 299 402  71 777 777     3 159
   -57   1 -34 -81 -81  80 -81
   -57   2 -34 -81 -81 -81 -81
   -57   3
   -56   1 499 599  20   0   -57   4 -55  11 -81  11 -55  15 -81 351 -55  28 -81   2 -55  13 -81  13
   -57   5
   -63   1 480   3 999     0   0

 SW55 - LOADED CELL: 55 WITH VALUE:   0

Main 30 table #186
   -55   5 -81 351
   -56   5 123 299  11  89 777 777  28 571 777 777   5   5
   -57   1  85   0 111   0  -1   0
   -57   2  85   0  -1   0
   -57   3 -54   1 -81   4   0 -54   1 -81   5   0 -54   1 -81   6   0 -55  18 -81 351 999
```

```
 SW55 - LOADED CELL:  5 WITH VALUE:    34, VBRELP = 10
 CELL 11  =   54
 CELL 28  =  835
 CELL  5  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  27
 SW57 - VTR BREAK POINT, K3:  33
 SW55 - LOADED CELL: 18 WITH VALUE:    34, VBRELP = 10
 SW55 - LOADED CELL:  2 WITH VALUE:    34, VBRELP = 10
 SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP = 10
 CELL  2  =   34
 CELL  3  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  34
 SW57 - VTR BREAK POINT, K3:  41
 CELL 20  =    0
 -56 SWITCH TEST: CONDITION TRUE AT  47
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  49
 SW55 - LOADED CELL: 11 WITH VALUE:    41, VBRELP = 10
 SW55 - LOADED CELL: 15 WITH VALUE:    34, VBRELP = 10
 SW55 - LOADED CELL: 28 WITH VALUE:   354, VBRELP = 10
 SW55 - LOADED CELL: 13 WITH VALUE:     9, VBRELP = 10
 SW57 - VTR BREAK POINT, K3:  67

Main 30 table #1480
   -55   5 -81  17
   -56   1 399 499   5  15
   -57   3 -11  85 111   0
   -57   4 999


 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP = 10
 CELL  5  =    1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  17

***** A MATCH STARTING AT  11 LEVEL   1        ON ELEMENT 12jj          tran2
Tran rule #1, ID: 0
**237 N = N / CK FOR CONNOM PREP-OBJ,GEN; IF SC40=15 CHAIN(S287);ST584 EGSP2
 1  (1 -1 -1)
   -42  10 237   1   1
   -66 199 299 -81  40  15  60
   -57   1 -20   0
   -57   2
   -63   0   2   1 999     0   0

 SCON( 40,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  17

Main 30 table #2
   -64   0 133   1 -81
   -66 940 126 -81   2 103 777 -81  59  94  60
   -66 128  56 -81  18  84  60
   -66 348  56 -81  46  13  60 -55   3 -81 351
   -56   1 799  56   3 175
```

```
  -56   1  56 599   3  65
  -66 238  56 -81  20  79  60
  -56   1  56 348   3  90
  -66 458 348 -81  36   0 777 -81  31   0  60
  -57   1 -38   1  -1   0 -13 -81
  -57   2  83   0 575   0 864   0 -38 -99  -1   0 -13 -81  89   0
  -57   3  83   0 -38 -99  -1   0 -13 -81  89   0
  -57   4  83   0 -25   5  -1   0 -13 -81  89   0
  -57   5
  -66 678 799 -81  20  79  60
  -57   6  83   0 575   0 864   0 -25   0  -1   0  89   0
  -57   7  83   0 -25   0  -1   0  89   0
  -57   8 999


Main 40 table #133
  -66 123  56 -81  28 800 777 -81  57  29 777 -81  13   1  60
  -66 299 399 -81  31 338  60
  -57   1 -16   3 -81   3 -81 -81
  -57   2 -54   1 -81   5   2
  -57   3
  -66 499 599 -81 235   0  60
  -57   4 -64   0  35   1 -81
  -57   5
  -66 699 799 -81 231   0 777 -81  46 140  60
  -57   6 -54   1 -81   3   9 -16 -81 -81 -81   0 -81
  -57   7 999


 SCON( 28,-81) =    0
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 31,-81) =  315
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  38
 SCON( 35,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  54
 SCON( 31,-81) =  315
 SCON( 46,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  80
 SCON(  2,-81) =   43
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 18,-81) =    0
 -66 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:    30, VBRELP = 11
 CELL  3  =   30
 -56 056 CONDITION AT  39,                    CONTINUE TO THE RIGHT
 CELL  3  =   30
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 119
 SCON( 20,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 142
 SW57 - VTR BREAK POINT, K3: 152
```

***** A MATCH STARTING AT 12 LEVEL 1 ON ELEMENT 13jj tran2
Tran rule #2070, ID: 2069
EOS=EOS /BACKSTOP FOR REL SLOTS L143 KB1085 EGSP2
1 (20 10 -1)
-63 1 243 1 999 0 0

Main 30 table #1243
-66 123 299 -81 2 877 60
-57 1 85 0 83 0 88 0 89 0 96 0 84 0 86 0 90 0 87 0 92 0 82 0 97 0 98 0 93 0
-57 2 95 0 91 0 94 0 81 0 85 0 83 0 88 0 89 0 96 0 84 0 86 0 90 0 87 0 92 0 82 0 97 0 98 0 93 0
-57 3 -1 0 999

SCON(2,-81) = 10
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2 EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 38
SW57 - VTR BREAK POINT, K3: 76

---------- tran2 PROCESSING COMPLETE ----------
THE SCON FOR tran2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	20	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	19	942	1	0	0	0	0	0	0	2	90	0	1	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	2	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0
3	5	798	2	2	1	3	0	0	0	3	89	1	5	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	36	0	91	0
	2	0	1	11	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0
4	12	894	1	0	0	0	0	0	0	4	20	1	4	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0
	2	848	1	11	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	12	74	0	1	2	0	0	0	0	0	9	37	0	1	0
5	2	835	4	0	0	0	0	0	0	5	54	1	13	0	0	0	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	84	0	315	0
	2	846	54	11	1	0	0	0	835	2	0	11	0	0	0	0	0	0	0	2
	0	0	0	0	0	12	31	0	1	0	0	0	0	0	0	0	0	0	0	0
6	1	18	9	1	2	3	4	0	0	6	18	1	3	0	0	0	8	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16	0	51	0
	2	0	54	11	1	0	0	0	835	2	0	1	0	0	0	0	0	0	0	0
7	20	888	0	1	0	0	0	0	0	0	8	0	8	0	0	0	8	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 122
8	5	795	1	1	1	1	0	0	0	7	89	1	5	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	36	0	91	0
	1	850	1	2	0	0	0	0	835	0	0	0	0	0	0	0	0	0	0	16
	2	0	54	11	1	4	92	0	1	1	0	0	0	0	0	1	1	0	33	0
9	12	894	1	0	0	0	0	0	0	8	20	1	4	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0

1 848 1 2 0 0 0 0 835 0 0 0 0 0 0 0 0 0 0 1
2 0 54 11 1 12 74 0 1 2 0 0 0 0 0 9 37 0 1 0
10 2 354 4 0 0 0 0 0 0 9 41 1 9 0 0 0 1 1 1 1
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 187 0
1 846 41 2 1 0 0 0 354 0 0 11 0 0 0 0 0 0 0 2
2 0 54 11 1 12 31 0 1 0 0 0 0 0 0 0 0 0 0 0
11 15 315 6 1 0 3 4 0 0 10 42 2 10 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 93 0
1 0 41 2 1 0 0 0 354 0 0 0 0 0 0 0 0 0 0 1
2 0 54 11 1 1 1 0 33 0 0 0 0 0 0 0 0 0 0 0
12 1 43 6 1 0 3 4 0 0 11 43 1 11 0 0 0 0 0 0 1
0 0 0 0 0 0 0 0 0 0 0 315 0 42 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 16 0 73 0
1 0 41 2 1 0 0 0 354 0 0 4 0 0 0 0 0 0 0 2
2 0 54 11 1 12 31 0 1 2 0 0 0 0 0 7 59 0 1 0
13 20 10 0 0 0 0 0 0 0 12 0 0 10 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 0 41 2 1 0 0 0 354 0 0 1 0 0 0 0 0 0 0 0
2 0 54 11 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
29 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
32 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
33 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
36 113 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
37 118 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
38 111 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
39 115 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
40 120 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
41 114 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
42 116 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
43 109 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
44 117 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
45 110 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
46 102 0 9 1 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
47 107 0 9 1 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
48 103 0 9 1 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
49 105 0 9 1 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
50 101 0 9 1 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
51 108 0 9 1 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0
52 106 0 9 1 2 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
65 102 0 6 1 0 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
66 107 0 6 1 0 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
67 103 0 6 1 0 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0
68 105 0 6 1 0 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0

```
    69   108   0   6   1   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    70   106   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    71   101   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    72   104   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    73   112   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    74   110   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0

          ***** THE SWORKO TABLE IN tran2  *****
 20  942  19  2        1  798   1  3        12  894   6  4        2  835  34  5        1   18   2  6
  if               she               will               eat               apple
 20  888   2  7        1  795   1  8        12  894   6  9        2  354  34 10        1   43  30 12
  * SWITCH68 *         I                 will              bake              cake
 20   10   1 13
  EOS
CLSNFO ARRAYS - NUMBER OF CLAUSES IDENTIFIED   (INCLUDING MAIN CLAUSE) = 1
           NUMBER OF CLAUSES MOVED       (EXCLUDING MAIN CLAUSE) = 0
           NUMBER OF CLAUSES STILL TO BE MOVED                 =  0
         BEGIN  ENDING BEGIN  ENDING
     CLAUSE INPUT  INPUT  OUTPUT OUTPUT PARENT CLMRKR ANTCDN ANTCDN ANTCDN ANTCDN
RELPRO
      ID   SWORK  SWORK  SWORK  SWORK  CLAUSE SCONS  SWORK  SCONPT OPIBEG OPIEND SCON
       1     1    12     1    11     0     0     0     0     0     0     0
     CLAUSE  PARENT
      ID    CELLS    ( TRAILING ZEROES ARE NOT PRINTED )

CURRENT CLAUSE ID =  1
CLSCON ARRAYS   (CLSID IS INITIALIZED TO 1. ENTRY NOT PRINTED IF CLSID=1 AND BOTH CMCHLD
AND ACHILD = 0

          ***** OUTPUT TARGET ARRAYS IN tran2  *****


 ( 1) SWORKO =    20   942    19     2   if               1     3
     OPADRO    -108    -1     2
     SCONPO      33     1     2
     HFDOPO       0     0     0

 ( 2) SWORKO =     1   798     1     3   she              4     6
     OPADRO    -102     3  -114
     SCONPO      34     3    35
     HFDOPO       0     0     0

 ( 3) SWORKO =    12   894     6     4   will             7     7
     OPADRO       4
     SCONPO       4
     HFDOPO       0

 ( 4) SWORKO =     2   835    34     5   eat              8    18
     OPADRO    -113  -118  -111  -115  -120  -114  -116     5  -109  -117  -110
     SCONPO      36    37    38    39    40    41    42     5    43    44    45
     HFDOPO       0     0     0     0     0     0     0     0     0     0     0

 ( 5) SWORKO =     1    18     2     6   apple            19    26
     OPADRO    -102  -107  -103  -105  -101  -108  -106     6
     SCONPO      46    47    48    49    50    51    52     6
     HFDOPO       0     0     0     0     0     0     0     0

 ( 6) SWORKO =    20   888     2     7   * SWITCH68 *       27    27
     OPADRO    -122
     SCONPO       7
     HFDOPO       0

 ( 7) SWORKO =     1   795     1     8   I                28    30
```

```
    OPADRO    -102     7  -114
    SCONPO      53     8    54
    HFDOPO       0     0     0

( 8) SWORKO =    12   894     6     9   will              31    31
    OPADRO       8
    SCONPO       9
    HFDOPO       0

( 9) SWORKO =     2   354    34    10   bake              32    42
    OPADRO    -113  -118  -111  -115  -120  -114  -116     9  -109  -117  -110
    SCONPO      55    56    57    58    59    60    61    10    62    63    64
    HFDOPO       0     0     0     0     0     0     0     0     0     0     0

(10) SWORKO =     1    43    30    12   cake              43    54
    OPADRO    -102  -107  -107  -103  -105  -108  -106  -101    11  -104  -112  -110
    SCONPO      65    11    66    67    68    69    70    71    12    72    73    74
    HFDOPO       0    10     0     0     0     0     0     0     0     0     0     0

(11) SWORKO =    20    10     1    13   EOS               55    55
    OPADRO      12
    SCONPO      13
    HFDOPO       0
*EOS*
   3  47 bos if she will eat apple I will bake a cake .

           ***** THE SWORK TABLE IN tran3  *****
 20  942  19  2         1  798   1  3         12  894   6  4         2  835  34  5         1   18   2  6
   if                 she                  will                  eat                  apple
 20  888   2  7         1  795   1  8         12  894   6  9         2  354  34 10         1   43  30 12
   * SWITCH68 *          I                    will                  bake                 cake
 20   10   1 13
   EOS
CLSNFO ARRAYS - NUMBER OF CLAUSES IDENTIFIED   (INCLUDING MAIN CLAUSE) = 1
            NUMBER OF CLAUSES MOVED       (EXCLUDING MAIN CLAUSE) = 0
            NUMBER OF CLAUSES STILL TO BE MOVED                 =  0
          BEGIN  ENDING BEGIN  ENDING
     CLAUSE INPUT  INPUT  OUTPUT OUTPUT PARENT CLMRKR ANTCDN ANTCDN ANTCDN ANTCDN
RELPRO
       ID   SWORK  SWORK  SWORK  SWORK  CLAUSE SCONS  SWORK  SCONPT OPIBEG OPIEND SCON
        1      1     11      1     10      0      0      0      0      0      0      0
     CLAUSE  PARENT
       ID    CELLS    ( TRAILING ZEROES ARE NOT PRINTED )

CURRENT CLAUSE ID =  1
CLSCON ARRAYS   (CLSID IS INITIALIZED TO 1. ENTRY NOT PRINTED IF CLSID=1 AND BOTH CMCHLD
AND ACHILD = 0

***** A MATCH STARTING AT   1 LEVEL   6    ON ELEMENT  2jj          tran3
Tran rule #1299, ID: 1298
BOS(SUBCONJ) .S. AUX V .S. , = -A*0 / COMMA=F19 ST386 EGSP3
 6  (20 90 19)  (52 -1 -1)  (12 -1 -1)
  (2 -1 -1)  (52 -1 -1)  (20 888 -1)
   -20   0 -46 -86   0   0  19 -36  56   0 -41 100 999   8224

 STR1CHG:     0       STR2CHG:     0       STR3CHG:     0
        SWORKO   0      0  0  0  0

***** A MATCH STARTING AT   1 LEVEL   2    ON ELEMENT  2jj          tran3
Tran rule #1208, ID: 1207
BOS N = BOS -1 / N=WC07 E3 STS884 ESM1189
 2  (20 1 -1)  (1 -1 -1)
   -42  10 106   1   2
```

```
  -63   0 228   1 -24 -81 -20   0 -26 -82   1 -82 -82 -36  33 -82 -46 -82   7     0   0 -41   1 999   8224 8224


Main 30 table #228
  -66 124  56 -81  10   1 777 -82  20 122 777 -82   2 175  60
  -66 235 499 -81   2 390 777 -82  20 390 777 -81  46  13  60
  -57   1 -54   1 -82  10   2
  -57   2 -38 -99  -1   0 -13 -81
  -57   3 -54   1 -81  46 140  -1 489 -16   2   0   0   0 -81 122   0 309   0 -13 -81
  -57   4  -1   0
  -57   5 -55   5 -81 350
  -56   1  56 799   5 900
  -66  56 799 -82   2 175 777 -82  13   0  60
  -66 699  56 -82  20  35 777 -82  19   0  60
  -66 699 799 -82  19 102 -82  19 104 -82  19  37  60
  -57   6 -54   1 -82  46 122 -54   1 -82  47 122
  -57   7 999


 SCON( 10,-81) =    2
 -66 056 CONDITION AT  12,                          CONTINUE TO THE RIGHT
 SCON(  2,-81) =  942
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  67
 SW57 - VTR BREAK POINT, K3:  71
 SW55 - LOADED CELL:  5 WITH VALUE:   942, VBRELP =  1
 CELL  5  =  942
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 130
        SWORKO   1     20942 19  2

***** A MATCH STARTING AT   2 LEVEL   1    ON ELEMENT  3jj           tran3
Tran rule #678, ID: 677
N(ANIMATE) = -1 / SET CELL 31=5, C.F. RULE 07046-1 E3 KB0387
 1  (7 5 -1)
  -20   0 -55  31   5   0 -36  56   0 -41   1 999     0   0

 SW55 - LOADED CELL: 31 WITH VALUE:   5

***** A MATCH STARTING AT   2 LEVEL   1    ON ELEMENT  3jj           tran3
Tran rule #674, ID: 673
N (94) = -1/CK C30=1/DEL 136 IF POS
 1  (7 -1 94)
  -20   0
  -63   0 496   1 -36  56   0 -41   1 999     0   0


Main 30 table #496
  -66 199 299 -81  46 293 777 -81 220 140  60
  -57   1 -36 293 -81
  -57   2
  -66 399 499 -81   2 865  60
  -57   3 -54   1 -81   5   2
  -57   4 999


 SCON( 46,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  17
 SCON(  2,-81) =  798
```

```
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  33

***** A MATCH STARTING AT   2 LEVEL   2    ON ELEMENT  3jj           tran3
Tran rule #554, ID: 553
N(B4V) V = N -1 / CK N BEFORE LOAD E3 CMG11/89 STS884 BMO890
 2  (7 -1 -1)  (-9 -1 -1)
   -63   1 929   1 -34   1 -81 -81 -81 -41   1 999     0   0


Main 30 table #1929
   -66 348  56 -81  20  35 777 -81   2 123 777 -81   1 -16  60
   -66 126  56 -81   2 144 777 -81  11  53 777 -81  31   0 777 -82   2 886  60
   -66 348  56 -81  46 293 777 -81  20 140  60
   -66 236  56 -81  33  46 777 -81  46  13  60
   -66 236  56 -81  46  13  60 -67  55   5  20   3 -55   3 -81  46
   -56   3 348  56   5 309 777 777   3 293
   -66 599  56 -81  46 293  60
   -66  56 346 -81   2 123 777 -81  11  21 777 -81 240  15  60
   -66 456 346 -81  31   0 777 -81 246   9 777 -81 209  23  60
   -57   1 -54   1 -81  46 101 -54   1 -81   8   1 297   0  -1   0 -13 -81
   -57   2 -38 -99  -1   0 -13 -81
   -57   3  -1   0
   -57   4 -54   1 -81  13   5 -36 488 -81  -1 488
   -57   5 -36 293 -81  -1   0
   -57   6
   -66  56 899 -81   2 303 777 -81 213   4 777 -81 213   7  60
   -56   6  56 899  16 392  16 103  16 440  16 122  16 866  17   1 -67  55   4  97   1 -67  55   5  98   1
   -56   3 799 899 404   0 777 777 405   0
   -57   7 -54   1   4   4 -81 -54   1 -81  98 303
   -57   8 999


 SCON( 20,-81) =    0
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  798
 -66 056 CONDITION AT  31,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  42,                    CONTINUE TO THE RIGHT
 SCON( 33,-81) =    0
 -66 056 CONDITION AT  53,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  60,                    CONTINUE TO THE RIGHT
SW67 055:, SETTING CELL   5 EQUAL TO    0   FOR FUNCTION   3
 SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP =  2
 CELL  5 =    0
 CELL  3 =    0
 -56 056 CONDITION AT  81,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  86,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  798
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57  4  JUMP -57  6
 SW57 - VTR BREAK POINT, K3: 146
 SW57 - VTR BREAK POINT, K3: 150
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  169
 SW57 - VTR BREAK POINT, K3: 169
 SCON(  2,-81) =  798
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 234
        SWORKO   2      7798  1  3
```

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      SWORKO   2     1798  1  3

***** A MATCH STARTING AT   3 LEVEL   1    ON ELEMENT  4jj          tran3
Tran rule #916, ID: 915
AUX = AUX GS1281 EGSP3
 1  (12 -1 -1)
   -1   0 999   21057 10324

      SWORKO   3    12894  6  4

***** A MATCH STARTING AT   4 LEVEL   1    ON ELEMENT  5jj          tran3
Tran rule #61, ID: 60
V(INF) = -1 / CK FOR ALT VERB ST386 EGSP3
 1  (2 -1 92)
  -20   0 -55   5 -81 352
  -56   3   9  51   5  15 777 777   7   0 -36  56   0 -41   1 999    -1  -1

 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  4
 CELL  5  =    1
 CELL  7  =    0
 -56 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT   4 LEVEL   3    ON ELEMENT  5jj          tran3
Tran rule #13, ID: 12
*28 V .S. PUNC = -A*0(SIC  ) / SMTB STS586 EGSP3
 3  (2 -1 -1)  (52 -1 -1)  (20 -1 -1)
  -20   0
  -22   4 -81   1  -1   0 -99  91  -2   0  -3   0 -46 -81  17   0   0 -41 100 999    -1  -1

 STR1CHG:     0       STR2CHG:     0       STR3CHG:     0


    ***SEMWRK VALUES
       2  835   54    0         2  835   34    5         1  798   91    3         1   18    2    6        20  888   19    7

       SEMTAB MATCHING PARAMETERS HAVE BEEN LOADED AS FOLLOWS:
       LOGUSR =   1 USRUSR =   2EXTENDED SEARCH =   1 LUDIFF =   1
       EL1LVL =   1 CMPEL1 =   2 CMPELX =   2
       company codes [ 1] LOG
       SEMTAB: NO MATCH FOUND

 SEMWRKS =   1  2  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 1  4  2  5  6  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 3  5  4  1  0  0  0

***** A MATCH STARTING AT   4 LEVEL   2    ON ELEMENT  5jj          tran3
Tran rule #1068, ID: 1067
**438 V(AFT SMTB) N = V -1/CK FOR PN E3 ST585 MMT987
 2  (17 -1 -1)  (1 -1 -1)
  -42  10 438   1   1  85   0  -1   0 -34   2 -81 -81 -81
  -63   2 118   3 -46 -82   5   0   0 -41     1 999     0   0


Main 30 table #2118
  -66 124  56 -81  19  93 -81  19  94  60
  -66 234  56 -81  19  35  60
  -66 399 499 -82  51  92 -82  51  93 -82  51  94  60
  -57   1 -54   1 -81  20  35 -67  54   1   2  19  35
  -57   2 -67  54   1   2  19  35
  -57   3 -54   1 -82  46  53
  -57   4 999
```

```
 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 -66 056 CONDITION AT   7,                    CONTINUE TO THE RIGHT
 SCON( 19,-81) =    1
 -66 056 CONDITION AT  14,                    CONTINUE TO THE RIGHT
 SCON( 51,-82) =    0
 SCON( 51,-82) =    0
 SCON( 51,-82) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  59
        SWORKO   4      2835 34  5

***** A MATCH STARTING AT   5 LEVEL   1    ON ELEMENT  6jj          tran3
Tran rule #185, ID: 184
**101 N(AFTV) = N / CK FOR -ING ST1085 EGSP3 PS0787
 1  (5 -1 -1)
   -42  10 101   1   1
   -63   2 472   1 -34   1 -81 -81 -81 999    -1  -1


Main 30 table #2472
   -66 299  56 -81   2 175 777 -81 213   4 777 -81 213   7  60
   -66 125  56 -81  46  13  60 -55   3 -81 351
   -56   1 125 299 503  85
   -57   1  73   0 -38 -99  -1   0 -13 -81
   -57   2
   -66 345  56 -81   1  19 777 -81   2 893 777 -81  62 850  60
   -66 345 499 -81   1  19 777 -81   2 895 777 -81  62 850  60
   -57   3 297   0  -1   0
   -57   4  73   0  -1   0
   -57   5 999


 SCON(  2,-81) =   18
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  19,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:     2, VBRELP =  5
 CELL  3  =    2
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  43
 SCON(  1,-81) =    1
 -66 056 CONDITION AT  56,                    CONTINUE TO THE RIGHT
 SCON(  1,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  81
 SW57 - VTR BREAK POINT, K3:  87
        SWORKO   5      5 18  2  6
        SWORKO   5      1 18  2  6

***** A MATCH STARTING AT   6 LEVEL   2    ON ELEMENT  7jj          tran3
Tran rule #1473, ID: 1472
,(F19) N = , -1 N IS WC7 /RESET FORM=2 E3 PS0387 S991
 2  (20 888 19)  (1 -1 -1)
   -63   2 454   1 -34 -81 -81   2 -81 -24 -81 -20   0 -26 -82   1 -82 -82 -36  33 -82 -46 -82   7     0   0 -41   1 999     0   0


Main 30 table #2454
    -1   0 999
```

```
        SWORKO   6     20888 19  7

***** A MATCH STARTING AT   7 LEVEL   1    ON ELEMENT  8jj          tran3
Tran rule #678, ID: 677
N(ANIMATE) = -1 / SET CELL 31=5, C.F. RULE 07046-1 E3 KB0387
 1  (7 5 -1)
  -20   0 -55  31   5   0 -36  56   0 -41   1 999     0   0

 SW55 - LOADED CELL: 31 WITH VALUE:   5

***** A MATCH STARTING AT   7 LEVEL   1    ON ELEMENT  8jj          tran3
Tran rule #674, ID: 673
N (94) = -1/CK C30=1/DEL 136 IF POS
 1  (7 -1 94)
  -20   0
  -63   0 496   1 -36  56   0 -41   1 999     0   0


Main 30 table #496
  -66 199 299 -81  46 293 777 -81 220 140  60
  -57   1 -36 293 -81
  -57   2
  -66 399 499 -81   2 865  60
  -57   3 -54   1 -81   5   2
  -57   4 999


 SCON( 46,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  17
 SCON(  2,-81) =  795
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  33

***** A MATCH STARTING AT   7 LEVEL   2    ON ELEMENT  8jj          tran3
Tran rule #554, ID: 553
N(B4V) V = N -1 / CK N BEFORE LOAD E3 CMG11/89 STS884 BMO890
 2  (7 -1 -1)  (-9 -1 -1)
  -63   1 929   1 -34   1 -81 -81 -81 -41   1 999     0   0


Main 30 table #1929
  -66 348  56 -81  20  35 777 -81   2 123 777 -81   1 -16  60
  -66 126  56 -81   2 144 777 -81  11  53 777 -81  31   0 777 -82   2 886  60
  -66 348  56 -81  46 293 777 -81  20 140  60
  -66 236  56 -81  33  46 777 -81  46  13  60
  -66 236  56 -81  46  13  60 -67  55   5  20   3 -55   3 -81  46
  -56   3 348  56   5 309 777 777   3 293
  -66 599  56 -81  46 293  60
  -66  56 346 -81   2 123 777 -81  11  21 777 -81 240  15  60
  -66 456 346 -81  31   0 777 -81 246   9 777 -81 209  23  60
  -57   1 -54   1 -81  46 101 -54   1 -81   8   1 297   0  -1   0 -13 -81
  -57   2 -38 -99  -1   0 -13 -81
  -57   3  -1   0
  -57   4 -54   1 -81  13   5 -36 488 -81  -1 488
  -57   5 -36 293 -81  -1   0
  -57   6
  -66  56 899 -81   2 303 777 -81 213   4 777 -81 213   7  60
  -56   6  56 899  16 392  16 103  16 440  16 122  16 866  17   1 -67  55   4  97   1 -67  55   5  98   1
  -56   3 799 899 404   0 777 777 405   0
```

```
  -57   7 -54   1   4   4 -81 -54   1 -81  98 303
  -57   8 999


 SCON( 20,-81) =    0
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  795
 -66 056 CONDITION AT  31,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  42,                    CONTINUE TO THE RIGHT
 SCON( 33,-81) =    0
 -66 056 CONDITION AT  53,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  60,                    CONTINUE TO THE RIGHT
SW67 055:, SETTING CELL   5 EQUAL TO    0   FOR FUNCTION   3
 SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP =  7
 CELL  5 =    0
 CELL  3 =    0
 -56 056 CONDITION AT  81,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  86,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  795
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57  4  JUMP -57  6
 SW57 - VTR BREAK POINT, K3: 146
 SW57 - VTR BREAK POINT, K3: 150
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  169
 SW57 - VTR BREAK POINT, K3: 169
 SCON(  2,-81) =  795
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 234
        SWORKO   7     7795  1  8
        SWORKO   7     1795  1  8

***** A MATCH STARTING AT   8 LEVEL   1    ON ELEMENT  9jj          tran3
Tran rule #916, ID: 915
AUX = AUX GS1281 EGSP3
 1  (12 -1 -1)
   -1   0 999   21057 10324

        SWORKO   8     12894  6  9

***** A MATCH STARTING AT   9 LEVEL   1    ON ELEMENT 10jj          tran3
Tran rule #61, ID: 60
V(INF) = -1 / CK FOR ALT VERB ST386 EGSP3
 1  (2 -1 92)
  -20   0 -55   5 -81 352
  -56   3   9  51   5  15 777 777   7   0 -36  56   0 -41   1 999    -1  -1

 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  9
 CELL  5 =    1
 CELL  7 =    0
 -56 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT   9 LEVEL   3    ON ELEMENT 10jj          tran3
Tran rule #13, ID: 12
*28 V .S. PUNC = -A*0(SIC  ) / SMTB STS586 EGSP3
 3  (2 -1 -1)  (52 -1 -1)  (20 -1 -1)
  -20   0
  -22   4 -81   1  -1   0 -99  91  -2   0  -3   0 -46 -81  17   0   0 -41 100 999    -1  -1

 STR1CHG:     0       STR2CHG:     0       STR3CHG:     0
```

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    ***SEMWRK VALUES
       2  354   41    0          2  354   34   10          1  795   91    8          1   43   30   12          20   10    1   13

       SEMTAB MATCHING PARAMETERS HAVE BEEN LOADED AS FOLLOWS:
       LOGUSR =   1 USRUSR =   2EXTENDED SEARCH =   1 LUDIFF =   1
       EL1LVL =   1 CMPEL1 =   2 CMPELX =   2
       company codes [ 1] LOG
       SEMTAB: NO MATCH FOUND

 SEMWRKS =   1  2  3  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 1  9  7 10 11  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 3  5  9  1  0  0  0

***** A MATCH STARTING AT   9 LEVEL   2    ON ELEMENT 10jj           tran3
Tran rule #1068, ID: 1067
**438 V(AFT SMTB) N = V -1/CK FOR PN E3 ST585 MMT987
 2  (17 -1 -1)  (1 -1 -1)
  -42  10 438   1   1  85   0  -1   0 -34   2 -81 -81 -81
  -63   2 118   3 -46 -82   5   0   0 -41     1 999     0   0


Main 30 table #2118
  -66 124  56 -81  19  93 -81  19  94  60
  -66 234  56 -81  19  35  60
  -66 399 499 -82  51  92 -82  51  93 -82  51  94  60
  -57   1 -54   1 -81  20  35 -67  54   1   2  19  35
  -57   2 -67  54   1   2  19  35
  -57   3 -54   1 -82  46  53
  -57   4 999


 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 -66 056 CONDITION AT   7,                    CONTINUE TO THE RIGHT
 SCON( 19,-81) =    1
 -66 056 CONDITION AT  14,                    CONTINUE TO THE RIGHT
 SCON( 51,-82) =    0
 SCON( 51,-82) =    0
 SCON( 51,-82) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  59
       SWORKO   9      2354 34 10

***** A MATCH STARTING AT  10 LEVEL   1    ON ELEMENT 12jj           tran3
Tran rule #185, ID: 184
**101 N(AFTV) = N / CK FOR -ING ST1085 EGSP3 PS0787
 1  (5 -1 -1)
  -42  10 101   1   1
  -63   2 472   1 -34   1 -81 -81 -81 999    -1  -1


Main 30 table #2472
  -66 299  56 -81   2 175 777 -81 213   4 777 -81 213   7  60
  -66 125  56 -81  46  13  60 -55   3 -81 351
  -56   1 125 299 503  85
  -57   1  73   0 -38 -99  -1   0 -13 -81
  -57   2
  -66 345  56 -81   1  19 777 -81   2 893 777 -81  62 850  60
  -66 345 499 -81   1  19 777 -81   2 895 777 -81  62 850  60
  -57   3 297   0  -1   0
```

```
  -57   4  73   0  -1   0
  -57   5 999


 SCON(  2,-81) =   43
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  19,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:    30, VBRELP = 10
 CELL  3  =   30
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  43
 SCON(  1,-81) =    1
 -66 056 CONDITION AT  56,                    CONTINUE TO THE RIGHT
 SCON(  1,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  81
 SW57 - VTR BREAK POINT, K3:  87
        SWORKO  10      5 43 30 12
        SWORKO  10      1 43 30 12

***** A MATCH STARTING AT  11 LEVEL   1    ON ELEMENT 13jj           tran3
Tran rule #1289, ID: 1288
EOS = EOS S1079 BMO1090
 1  (20 10 -1)
  -63   0 294   1 -55  30   0   0 999   20512 18005


Main 30 table #294
  -55  16   0   0 -55  17   0   0  -1   0 999


 SW55 - LOADED CELL: 16 WITH VALUE:   0
 SW55 - LOADED CELL: 17 WITH VALUE:   0
        tran3  OPADRO     12
        SWORKO  11     20 10  1 13
 SW55 - LOADED CELL: 30 WITH VALUE:   0
 THE SCON FOR tran3
          1   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20
    1    20   1   0   0   0   0   0   0   0   1   0   0   1   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0
         1   0   1   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0   0   0
    2    19 942   1   0   0   0   0   0   0   2  90   0   1   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
         0   0   0   0   1   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0
         2   0   1   0   0   0   0   0   0   2   0   1   0   0   0   0   0   0   0   0
    3     5 798   2   2   1   3   0   0   0   3  89   1   5   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  36   0  91   0
         2   0   1  11   0   0   0   0   0   2   0   1   0   0   0   0   0   0   0   0
    4    12 894   1   0   0   0   0   0   0   4  20   1   4   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   0   0   3   0
         2 848   1  11   0   0   0   0   0   2   0   0   0   0   0   0   0   0   0   1
         0   0   0   0   0  12  74   0   1   2   0   0   0   0   0   9  37   0   1   0
    5     2 835   4   0   0   0   0   0   0   5  54   1  13   0   0   0   1   1   1   1
         0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
         0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  84   0 315   0
         2 846  54  11   1   0   0   0 835   2   0  11   0   0   0   0   0   0   0   2
         0   0   0   0   0  12  31   0   1   0   0   0   0   0   0   0   0   0   0   0
```

6 1 18 9 1 2 3 4 0 0 6 18 1 3 0 0 0 8 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 16 0 51 0
2 0 54 11 1 0 0 0 835 2 0 1 0 0 0 0 0 0 0 0
7 20 888 0 1 0 0 0 0 0 0 8 0 8 0 0 0 8 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 122
8 5 795 1 1 1 1 0 0 0 7 89 1 5 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 36 0 91 0
1 850 1 2 0 0 0 0 835 0 0 0 0 0 0 0 0 0 0 0 16
2 0 54 11 1 4 92 0 1 1 0 0 0 0 0 1 1 0 33 0
9 12 894 1 0 0 0 0 0 0 8 20 1 4 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 3 0
1 848 1 2 0 0 0 0 835 0 0 0 0 0 0 0 0 0 0 0 1
2 0 54 11 1 12 74 0 1 2 0 0 0 0 0 9 37 0 1 0
10 2 354 4 0 0 0 0 0 0 9 41 1 9 0 0 0 1 1 1 1
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0 187 0
1 846 41 2 1 0 0 0 354 0 0 11 0 0 0 0 0 0 0 0 2
2 0 54 11 1 12 31 0 1 0 0 0 0 0 0 0 0 0 0 0 0
11 15 315 6 1 0 3 4 0 0 10 42 2 10 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 93 0
1 0 41 2 1 0 0 0 354 0 0 0 0 0 0 0 0 0 0 0 1
2 0 54 11 1 1 1 0 33 0 0 0 0 0 0 0 0 0 0 0 0
12 1 43 6 1 0 3 4 0 0 11 43 1 11 0 0 0 0 0 0 0 1
0 0 0 0 0 0 0 0 0 0 0 315 0 42 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 16 0 73 0
1 0 41 2 1 0 0 0 354 0 0 4 0 0 0 0 0 0 0 0 2
2 0 54 11 1 12 31 0 1 2 0 0 0 0 0 7 59 0 1 0
13 20 10 0 0 0 0 0 0 0 0 12 0 0 10 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 0 41 2 1 0 0 0 354 0 0 1 0 0 0 0 0 0 0 0 0
2 0 54 11 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
29 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
32 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
33 108 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
36 113 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
37 118 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
38 111 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
39 115 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
40 120 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
41 114 0 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```
    42   116   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    43   109   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    44   117   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    45   110   0   0   0   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    46   102   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    47   107   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    48   103   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    49   105   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    50   101   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    51   108   0   9   1   2   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    52   106   0   9   1   2   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    65   102   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    66   107   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    67   103   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    68   105   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    69   108   0   6   1   0   3   0   0   0   0   0   0   0   0   0   0   0   0   0
    70   106   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    71   101   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    72   104   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    73   112   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
    74   110   0   6   1   0   3   4   0   0   0   0   0   0   0   0   0   0   0   0
CLSNFO ARRAYS - NUMBER OF CLAUSES IDENTIFIED   (INCLUDING MAIN CLAUSE) = 1
            NUMBER OF CLAUSES MOVED       (EXCLUDING MAIN CLAUSE) = 0
            NUMBER OF CLAUSES STILL TO BE MOVED                = 0
          BEGIN  ENDING BEGIN  ENDING
     CLAUSE INPUT  INPUT  OUTPUT OUTPUT PARENT CLMRKR ANTCDN ANTCDN ANTCDN ANTCDN
RELPRO
       ID   SWORK  SWORK  SWORK  SWORK  CLAUSE SCONS  SWORK  SCONPT OPIBEG OPIEND SCON
         1     1    11     1    11     0     0     0     0     0     0     0
     CLAUSE  PARENT
      ID    CELLS    ( TRAILING ZEROES ARE NOT PRINTED )

CURRENT CLAUSE ID =  1
CLSCON ARRAYS   (CLSID IS INITIALIZED TO 1. ENTRY NOT PRINTED IF CLSID=1 AND BOTH CMCHLD
AND ACHILD = 0

           ***** THE SWORKO TABLE IN tran3  *****
 20  942  19  2         1  798   1  3         12  894   6  4         2  835  34  5         1   18   2  6
   if                 she                  will                 eat                  apple
 20  888   2  7         1  795   1  8         12  894   6  9         2  354  34 10         1   43  30 12
   * SWITCH68 *          I                    will                 bake                 cake
 20   10   1 13
   EOS

          ***** OUTPUT TARGET ARRAYS IN tran3  *****


( 1) SWORKO =    20   942    19     2   if                1     3
     OPADRO    -108    -1     2
     SCONPO      33     1     2
     HFDOPO       0     0     0

( 2) SWORKO =     1   798     1     3   she               4     6
     OPADRO    -102     3  -114
     SCONPO      34     3    35
     HFDOPO       0     0     0

( 3) SWORKO =    12   894     6     4   will              7     7
     OPADRO       4
     SCONPO       4
     HFDOPO       0

( 4) SWORKO =     2   835    34     5   eat               8    18
```

```
    OPADRO   -113  -118  -111  -115  -120  -114  -116     5  -109  -117  -110
    SCONPO     36    37    38    39    40    41    42     5    43    44    45
    HFDOPO      0     0     0     0     0     0     0     0     0     0     0

( 5) SWORKO =     1    18     2     6   apple            19    26
    OPADRO   -102  -107  -103  -105  -101  -108  -106     6
    SCONPO     46    47    48    49    50    51    52     6
    HFDOPO      0     0     0     0     0     0     0     0

( 6) SWORKO =    20   888     2     7   * SWITCH68 *       27    27
    OPADRO   -122
    SCONPO      7
    HFDOPO      0

( 7) SWORKO =     1   795     1     8   I                28    30
    OPADRO   -102     7  -114
    SCONPO     53     8    54
    HFDOPO      0     0     0

( 8) SWORKO =    12   894     6     9   will             31    31
    OPADRO      8
    SCONPO      9
    HFDOPO      0

( 9) SWORKO =     2   354    34    10   bake             32    42
    OPADRO   -113  -118  -111  -115  -120  -114  -116     9  -109  -117  -110
    SCONPO     55    56    57    58    59    60    61    10    62    63    64
    HFDOPO      0     0     0     0     0     0     0     0     0     0     0

(10) SWORKO =     1    43    30    12   cake             43    54
    OPADRO   -102  -107  -107  -103  -105  -108  -106  -101    11  -104  -112  -110
    SCONPO     65    11    66    67    68    69    70    71    12    72    73    74
    HFDOPO      0    10     0     0     0     0     0     0     0     0     0     0

(11) SWORKO =    20    10     1    13   EOS              55    55
    OPADRO     12
    SCONPO     13
    HFDOPO      0
*EOS*
   3  47 bos if she will eat apple I will bake a cake .

          ***** THE SWORK TABLE IN tran4  *****
 20  942  19  2        1  798   1  3        12  894   6  4        2  835  34  5        1   18   2  6
  if               she              will              eat               apple
 20  888   2  7        1  795   1  8        12  894   6  9        2  354  34 10        1   43  30 12
  * SWITCH68 *         I                will              bake              cake
 20   10   1 13
  EOS
CLSNFO ARRAYS - NUMBER OF CLAUSES IDENTIFIED   (INCLUDING MAIN CLAUSE) = 1
           NUMBER OF CLAUSES MOVED       (EXCLUDING MAIN CLAUSE) = 0
           NUMBER OF CLAUSES STILL TO BE MOVED                = 0
         BEGIN  ENDING BEGIN  ENDING
     CLAUSE INPUT  INPUT  OUTPUT OUTPUT PARENT CLMRKR ANTCDN ANTCDN ANTCDN ANTCDN
RELPRO
      ID   SWORK  SWORK  SWORK  SWORK  CLAUSE SCONS  SWORK  SCONPT OPIBEG OPIEND SCON
       1     1    11     1     1     0     0     0     0     0     0     0
    CLAUSE  PARENT
     ID    CELLS    ( TRAILING ZEROES ARE NOT PRINTED )

CURRENT CLAUSE ID =  1
CLSCON ARRAYS   (CLSID IS INITIALIZED TO 1. ENTRY NOT PRINTED IF CLSID=1 AND BOTH CMCHLD
AND ACHILD = 0
```

***** A MATCH STARTING AT 1 LEVEL 9   ON ELEMENT 2jj   tran4
Tran rule #2011, ID: 2010
BOS(SUBCONJ) .S. N(SG) .S. V N(PL) .S. , = -A*0 / SET FOCUS ST585 EGSP4
 9 (20 90 19) (52 -1 -1) (1 -1 71)
  (52 -1 -1) (12 -1 -1) (2 -1 95) (1 -1 72) (52 -1 -1) (20 888 -1)
   -63   0 648   1 -36 56   0 -41 100 999   0

 STR1CHG: -1   STR2CHG: -1   STR3CHG: -1

Main 30 table #648
   -55 15 -81 350
   -66 56 599 -81   2 915 60 -55   5 -85 351
   -56   7 125 56   5   9   5 10   5 13   5 24   5 44   5 46   5 56
   -56   6 235 56   5 30   5 31   5 32   5 33   5 41   5 43
   -56   5 345 56   5   2   5   3   5 40   5 42   5 48
   -56   4 499 56   5   4   5 22   5 34   5 36
   -56   1 125 56 605 88
   -56   1 345 499 605 91
   -57   1 -36 191 -81
   -57   2 -36 304 -81
   -57   3 -36 138 -81
   -57   4 -36 155 -81
   -57   5
   -66 799 699 -83 13   5 777 -83 211 94 60
   -57   6 -55 13 -83   4
   -57   7 -55 44 -83 456 999

 SW55 - LOADED CELL: 15 WITH VALUE: 942, VBRELP = 1
 SCON(2,-81) = 942
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 5   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 108
 SCON(13,-82) =   5
 SCON(11,-82) =   89
 -66 SWITCH TEST: CONDITION TRUE AT 117
 BRANCH TO -57 7   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 127
 SW55 - LOADED CELL: 44 WITH VALUE: 213, VBRELP = 2

***** A MATCH STARTING AT 1 LEVEL 6   ON ELEMENT 2jj   tran4
Tran rule #1990, ID: 1989
BOS(SUBCONJ).S. , N AUX V = -A*0 / C18=VFORM ST385 B292
 6 (20 90 19) (51 -1 -1) (20 888 -1)
  (1 -1 -1) (12 -1 -1) (2 -1 95)
   -63   0 705   1 -36 56   0 -41 100 999   0

 STR1CHG: 3   STR2CHG: 0   STR3CHG: 0

Main 30 table #705
   -55 18 -86 351 999

 SW55 - LOADED CELL: 18 WITH VALUE: 34, VBRELP = 9

***** A MATCH STARTING AT 1 LEVEL 2   ON ELEMENT 2jj   tran4
Tran rule #1979, ID: 1978
BOS(SUBCONJ) N = -2 / C12=02 ST385 EGSP4
 2 (20 90 19) (1 -1 -1)
   -63   0 704   1 -36 56   0 -41   2 999   0   0

Main 30 table #704

```
  -66 199 299 -81   1  19 777 -81   2 964  60
  -57   1 -36 155 -81 -54   1 -81  46 155 -11  89 139   0
  -57   2 -55  12   2   0 999


 SCON(  1,-81) =   19
 SCON(  2,-81) =  942
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  26
 SW55 - LOADED CELL: 12 WITH VALUE:   2

***** A MATCH STARTING AT   1 LEVEL   4      ON ELEMENT  2jj       tran4
Tran rule #1887, ID: 1886
SUBCONJ .S.AUX V = -A*0 / C31=SET/C38=F/C39=S19 ST585 EGSP4
 4  (20 -1 19)  (52 -1 -1)  (12 -1 -1)
  (2 -1 -1)
   -63   0 798   1 -36  56   0 -41 100 999     0

 STR1CHG:     0       STR2CHG:     0       STR3CHG:     0

Main 30 table #798
   -66  56 299 -81   2 966  60
   -66  56 799 -83  13   4 -83  13   6 -83  13   7  60
   -66  56 799 -81  83  62 -81  83  63 -81  83  65 -81  83  53 -81  83  42 -81  83  55 -81  83  22  60
   -66 127 799 -81 238  20  60
   -57   1 -36 197 -81 -55  57 -81   2
   -57   2
   -66 347  56 -81   2 915 777 -83   2 894  60
   -66  56 599 -81   2 942 777 -81 238  20  60
   -66 457 799 -81  83  62 -81  83  63 -81  83  65 -81  83  53 -81  83  42 -81  83  55 -81  83  43 -81  83  91  60
   -57   3 -36 309 -81 -55  57 -81   2
   -57   4 -36 184 -81 -55  57 -81   2
   -57   5
   -66 699 799 -81   2 968  60
   -57   6 -55  57 -81   2
   -57   7 -55  43 -84   3 -55  31 -84  11 -55  38 -84 351 -55  39 -84  19 999


 SCON(  2,-81) =  942
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  62
 SCON(  2,-81) =  942
 -66 056 CONDITION AT  71,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  942
 SCON( 38,-81) =    0
 -66 056 CONDITION AT  82,                    CONTINUE TO THE RIGHT
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 SCON( 83,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 147
 SW55 - LOADED CELL: 43 WITH VALUE:     4, VBRELP =  4
 SW55 - LOADED CELL: 31 WITH VALUE:    54, VBRELP =  4
 SW55 - LOADED CELL: 38 WITH VALUE:    34, VBRELP =  4
 SW55 - LOADED CELL: 39 WITH VALUE:     1, VBRELP =  4
```

***** A MATCH STARTING AT 1 LEVEL 2 ON ELEMENT 2jj tran4
Tran rule #1872, ID: 1871
CONJ N = CONJ -1 / N=WC07 E1 ST185 ESM1089
 2 (20 -1 19) (1 -1 -1)
  -46 -82 7 0 0
  -63 0 640 1 -41 1 999 0 0

Main 30 table #640
  -66 599 56 -81 46 155 -81 46 144 60 -64 0 86 0
  -66 126 56 -81 2 964 60
  -66 236 56 -81 2 915 777 -82 31 315 60
  -66 456 56 -81 46 140 60 -55 4 -81 350 -55 5 -81 10
  -56 3 456 56 404 966 777 777 5 2
  -66 56 599 -81 2 966 60
  -56 1 346 56 618 88
  -66 456 599 -81 10 2 60
  -57 1 -1 0 122 0 149 0
  -57 2 -64 0 367 0
  -57 3 122 0 -1 191
  -57 4 -1 0
  -57 5 122 0 -1 0
  -57 6 -55 15 -81 350 -55 5 -82 351
  -56 3 899 56 15 968 777 777 5 90
  -56 3 899 56 15 967 777 777 5 90
  -56 3 899 56 15 982 777 777 5 90
  -66 56 93 10 99 99 -81 2 390 -81 2 391 60
  -66 56 93 10 99 99 -81 10 2 -81 10 3 60
  -56 1 93 7 8 10 93 10 10 10 67 909
  -57 7 -54 1 -82 20 909
  -57 8 -54 1 -82 20 967
  -57 10 999

 SCON(46,-81) = 0
 SCON(46,-81) = 0
 -66 056 CONDITION AT 7, CONTINUE TO THE RIGHT

Main 40 table #86
  -56 1 123 299 15 0
  -57 1 91 0 82 0 81 0 85 0 113 0 83 0 118 0 111 0 115 0 88 0 119 0 96 0 89 0 114 0 84 0 86
0 90 0 120 0 116 0 -27 1 87 0 92 0 97 0 98 0 93 0
  -57 2 91 0 81 0 85 0 113 0 83 0 118 0 111 0 115 0 88 0 119 0 89 0 96 0 114 0 84 0 86 0 90
0 120 0 87 0 116 0 -27 1 92 0 82 0 97 0 98 0 93 0
  -57 3 -55 15 0 0 -55 16 0 0 999

 CELL 15 = 942
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 2 EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 59
 SW57 - VTR BREAK POINT, K3: 111
 SW55 - LOADED CELL: 15 WITH VALUE: 0
 SW55 - LOADED CELL: 16 WITH VALUE: 0
 SCON(2,-81) = 942
 -66 056 CONDITION AT 18, CONTINUE TO THE RIGHT
 SCON(2,-81) = 942
 -66 056 CONDITION AT 29, CONTINUE TO THE RIGHT
 SCON(46,-81) = 0
 -66 056 CONDITION AT 36, CONTINUE TO THE RIGHT
 SW55 - LOADED CELL: 4 WITH VALUE: 942, VBRELP = 1
 SW55 - LOADED CELL: 5 WITH VALUE: 2, VBRELP = 1

```
 CELL  4  =  942
 CELL  5  =    2
 -56 SWITCH TEST: CONDITION TRUE AT  56
 BRANCH TO -57  4   EXECUTE UNTIL -57  5  JUMP -57  6
 SW57 - VTR BREAK POINT, K3:  98
 SW57 - VTR BREAK POINT, K3: 102
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  108
 SW57 - VTR BREAK POINT, K3: 108
 SW55 - LOADED CELL: 15 WITH VALUE:   942, VBRELP =  1
 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  2
 CELL 15  =  942
 CELL  5  =    1
 -56 056 CONDITION AT 126,                    CONTINUE TO THE RIGHT
 CELL 15  =  942
 CELL  5  =    1
 -56 056 CONDITION AT 136,                    CONTINUE TO THE RIGHT
 CELL 15  =  942
 CELL  5  =    1
 -56 056 CONDITION AT 146,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  942
 SCON(  2,-81) =  942
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 10   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 200

***** A MATCH STARTING AT   2 LEVEL   3       ON ELEMENT  3jj       tran4
Tran rule #760, ID: 759
(DC) N(B4V) AUX V = -3 / SET CELLS E4 CMG2/92
 3  (7 -1 -1)  (12 -1 -1)  (2 -1 95)
   -63   4 264   1 -36  56   0 -41   3 999     0   0


Main 30 table #4264
   -66 599  56 -81  20 134  60 -55  31 -83  11 -55  48 -83 350 -55  38 -83 351 -55  39 -83  19 -55  43 -83   3
   -56   5 125  56 638  65 777 777 437   1 777 777  39  21
   -56   3  56 299 638  65 777 777 437   1
   -66  56 299 -83  12   3 -83  12   4  60
   -66 125 299 -83  19   2 -83  19   3 -83  19   4  60
   -57   1 -16   1   1   3   0 -82 -54   1 -83  19  21 -54   1 -81  20 488 -11  91 488   0 -31  11 -55  37   1   0
   -57   2
   -56   1  56 599 638  65
   -66  56 599 -83  19  38 -83  19 838 -83  19 938  60
   -66 499  56 -83  16   6  60
   -66 345  56 -81   1  18 777 -81  60   0  60
   -66 345  56 -81  10   0 777 -81   2 103  60
   -66 345 599 -81  60 293  60
   -57   3 -54   1 -81  20 134 -54   1 -83  20  11 -16 -81 -81 -81   0 -83 -54   1 -83  48  16 -16 -81 -81 -81   0 -82 -11  93
122   0 149   0 302   0 -16 -81 -81 -81   1 302 -31  11
   -57   4 -54   1 -83  20  11 -16 -81 -81 -81   0 -83 -54   1 -83  48  16 -16 -81 -81 -81   0 -82 -11  93 122   0 149   0 302
0 -16 -81 -81 -81   1 302 -31  11
   -57   5 999


 SCON( 20,-81) =    0
 -66 056 CONDITION AT   4,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL: 31 WITH VALUE:    54, VBRELP =  4
 SW55 - LOADED CELL: 48 WITH VALUE:   835, VBRELP =  4
 SW55 - LOADED CELL: 38 WITH VALUE:    34, VBRELP =  4
 SW55 - LOADED CELL: 39 WITH VALUE:     1, VBRELP =  4
 SW55 - LOADED CELL: 43 WITH VALUE:     4, VBRELP =  4
 CELL 38  =   34
 CELL 37  =    0
 CELL 39  =    1
```

```
 -56 056 CONDITION AT  40,                    CONTINUE TO THE RIGHT
 CELL 38  =   34
 CELL 37  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 103
 CELL 38  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 245

***** A MATCH STARTING AT   2 LEVEL   2      ON ELEMENT  3jj      tran4
Tran rule #754, ID: 753
**61 (DC) N(B4V) AUX = -2 / DC CHAIN/CK F91,F66 ST883 EGSP4
 2  (7 -1 -1)  (12 -1 -1)
   -42  10  61   1   1 -46 -81   0 852   0 -46 -82  14   0   0 -41   2 999     0   0


***** A MATCH STARTING AT   2 LEVEL   2      ON ELEMENT  3jj      tran4
Tran rule #1251, ID: 1250
02 ***61 (DC) N(NOM) AUX = -2 / AGREEMENT/CK PASSACT/CK AGENT ST785 EGSP4
 2  (10 61 1)  (7 -1 91)
   -46 -81   0 852   0 -46 -82  14   0   0
   -63   0 199   1 -41   2 999     0   0


Main 30 table #199
   -56   3 237  56 638  65 777 777  39   2
   -56   3 235  56 638  65 777 777  39   3
   -56   3 237  56 638  65 777 777  39   4
   -56   3 237  56 638  65 777 777  39  93
   -56   3 599  56   5  93 777 777  48 930
   -66 499  56 -81  71 250  60
   -56   3 127  56  39   4 777 777  37   1
   -56   3 127  56  39   3 777 777  37   1
   -56   1 127  56  36  20
   -66 599  56 -81  19  93  60
   -66 457  56 -81  20   2  60
   -66 799  56 -82  19 938 -82  19 838 -81  20 134  60
   -66  56 345 -81  20  39  60
   -66 237 345 -81   7   2 -81   7   3  60
   -57   1 -54   1 -82 456  44
   -57   2 -16   3   1   3   0 -82
   -57   3 -16 -81 -81 -81   0 -82
   -57   4 -16 -81   2 -81   0 -82
   -57   5
   -56   5 699  56  43   3 777 777 638  65 777 777 436  20
   -56   5 699  56  43   7 777 777 638  65 777 777 436  20
   -56   5 699  56  43   2 777 777 638  65 777 777 436  20
   -56   5 699 799  43   6 777 777 638  65 777 777 436  20
   -57   6 -16   3   1   3   0 -82
   -57   7 999


 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT   9,                    CONTINUE TO THE RIGHT
 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT  19,                    CONTINUE TO THE RIGHT
 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT  29,                    CONTINUE TO THE RIGHT
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 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT  39,                    CONTINUE TO THE RIGHT
 CELL  5  =    0
 CELL 48  =  835
 -56 056 CONDITION AT  49,                    CONTINUE TO THE RIGHT
 SCON( 71,-81) =    0
 -66 056 CONDITION AT  54,                    CONTINUE TO THE RIGHT
 CELL 39  =    1
 CELL 37  =    0
 -56 056 CONDITION AT  66,                    CONTINUE TO THE RIGHT
 CELL 39  =    1
 CELL 37  =    0
 -56 056 CONDITION AT  76,                    CONTINUE TO THE RIGHT
 CELL 36  =    0
 -56 056 CONDITION AT  82,                    CONTINUE TO THE RIGHT
 SCON( 19,-81) =    0
 -66 056 CONDITION AT  87,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  94,                    CONTINUE TO THE RIGHT
 SCON( 19,-82) =    0
 SCON( 19,-82) =    0
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 107,                     CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57  4  JUMP -57  5
 SW57 - VTR BREAK POINT, K3: 143
 SW57 - VTR BREAK POINT, K3: 151
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  159
 SW57 - VTR BREAK POINT, K3: 159
 CELL 43  =    4
 CELL 38  =   34
 CELL 36  =    0
 -56 056 CONDITION AT 173,                    CONTINUE TO THE RIGHT
 CELL 43  =    4
 CELL 38  =   34
 CELL 36  =    0
 -56 056 CONDITION AT 187,                    CONTINUE TO THE RIGHT
 CELL 43  =    4
 CELL 38  =   34
 CELL 36  =    0
 -56 056 CONDITION AT 201,                    CONTINUE TO THE RIGHT
 CELL 43  =    4
 CELL 38  =   34
 CELL 36  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 225

***** A MATCH STARTING AT   2 LEVEL   1      ON ELEMENT  3jj       tran4
Tran rule #840, ID: 839
(DC) N(B4V-NOM) = (N ST585 EGSP4
 1  (7 852 91)
   -63   0 168   1 999     0   0


Main 30 table #168
   -67  55   5  20   3 -55   4 -81  46
   -56   3 950 903   5 309 777 777   4 293
   -66 950 976 -81  51 687  60 -55   4 -81   2
   -56   3 950 903   5 309 777 777   4 392
   -66 950 901 -81   2 175 777 -81  13   0 777 -81 260 293  60
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  -66 950 968 -81  20 134  60
  -66 950 691 -81  71 101 -81  71 102 -81  71 250 -81  71 105 -81  71 103  60 -64   0 261   0
  -66  93   8  99  99  56 -81  20 291  60
  -66  93   6   8  10  56 -81  20 140 777 -81  60 293  60
  -66  93   3   4  10  56 -81  20 140  60
  -56   1 299  56  15 928 -65   0 953   1 -81 -64   0 251   1 -81
  -56   2 199  56  37 117  50 122 -64   0 176   1 -81
  -57   1 -55  47 -81  13 -64   0 109   1 -81
  -57   2
  -66  93   7   8  10  56 -81   2 392 -81   2 103 -81  60 293  60
  -66  93   3   4  10  56 -81  46 293 777 -81  14   1  60
  -66  93   7   8  10  56 -81   1  18 777 -81   2 103 -81   2 401  60
  -66  93   7   8  10  56 -81  46 293  60
  -66  93   3   4  10  56 -81  20 293  60
  -66  93   7   8  10  56 -81   1  18 777 -81   2 392  60
  -66  93   5   6  10  93   4   5  10 -81  19  93  60
  -57   3 -11  99  -1   0
  -57   4 -65   0 627   1 -81 -64   0 180   1 -81 -65   0 368   2 -81  -1
  -57   5 -55  29  81   0 -11  81 -38   3  -1   0
  -57   6 -36 140 -81
  -57   7 -65   0 645   2 -81  -1
  -57   8 -36 291 -81 -11  81  -1   0 -31  11
  -57  10
  -66 950 514 -81  48  16  60
  -66 950 517 -81  48  19  60 999


SW67 055:, SETTING CELL   5 EQUAL TO    0   FOR FUNCTION   3
 SW55 - LOADED CELL:  4 WITH VALUE:     0, VBRELP =  2
 CELL  5 =    0
 CELL  4 =    0
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 51,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SW55 - LOADED CELL:  4 WITH VALUE:   798, VBRELP =  2
 CELL  5 =    0
 CELL  4 =  798
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SCON(  2,-81) =  798
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 20,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 71,-81) =    0
 SCON( 71,-81) =    0
 SCON( 71,-81) =    0
 SCON( 71,-81) =    0
 SCON( 71,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR

Main 40 table #261
  -66  56 399 -81   2 115 777 -81  11  30  60
  -56   1 125 235  15 850
  -57   1 -36 341 -81
  -57   2 -54   1 -81 456  13
  -57   3
  -66  56 599 -81   2 392 -81   2 103  60
  -66  56 599 -81  60 293 -81  46 293  60 -67  55   2  20   3
  -56   1 499 599   2 309
  -57   4 -54   1 -81  20 140
  -57   5 999


 SCON(  2,-81) =  798
```

```
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  30
 SCON(  2,-81) =  798
 SCON(  2,-81) =  798
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  70
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  92,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 106,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 116,                    CONTINUE TO THE RIGHT
 CELL 15  =  942
 -56 056 CONDITION AT 124,                    CONTINUE TO THE RIGHT

Main 50 table #953
   -66 299  56 -81   2 175 777 -81  13   0  60 -55   5 -81 352
   -56   1  56 299 505  71
   -66 299  56 -81   4   0  60
   -66 299  56 -81   2 350 777 -81  11   0  60
   -56   1 299  56  37 117
   -66 299  56 -81   5   2 -81   2 865  60 -55   5 -81   2 -55   6 -81   1 -55   7 -81  13
   -56   5 299  56   5 303 777 777   6   5 777 777  13   0
   -56   3 299  56   7   5 777 777   6   5
   -56   3 299  56   5 102 777 777   6   5
   -66 299 199 -81  13   5 777 -81 211  94  60
   -57   1 -55  13 -81   4
   -57   2 999


 SCON(  2,-81) =  798
 -66 056 CONDITION AT   8,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:    1, VBRELP =  2
 CELL  5  =    1
 -56 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SCON(  4,-81) =    2
 -66 056 CONDITION AT  25,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  798
 -66 056 CONDITION AT  36,                    CONTINUE TO THE RIGHT
 CELL 37  =    0
 -56 056 CONDITION AT  44,                    CONTINUE TO THE RIGHT
 SCON(  5,-81) =    1
 SCON(  2,-81) =  798
 -66 056 CONDITION AT  52,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:   798, VBRELP =  2
 SW55 - LOADED CELL:  6 WITH VALUE:    5, VBRELP =  2
 SW55 - LOADED CELL:  7 WITH VALUE:    5, VBRELP =  2
 CELL  5  =  798
 CELL  6  =    5
 CELL 13  =    0
 -56 056 CONDITION AT  80,                    CONTINUE TO THE RIGHT
 CELL  7  =    5
 CELL  6  =    5
 -56 SWITCH TEST: CONDITION TRUE AT  90
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 119

Main 40 table #251
   -55   5 -81  13 -55   4 -81  62
   -56   3 399  56 444   0 777 777   5   6
   -56   3 399  56 444   0 777 777   5   4
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  -56   3 399  56 444   0 777 777   5   7
  -56   3 399  56 444   0 777 777   4 864
  -56   3 399  56 424   0 777 777   5   6
  -56   3 399  56 424   0 777 777   5   4
  -56   3 399  56 424   0 777 777   5   7
  -56   3 399  56 424   0 777 777   4 864
  -66 399  56 -81   1   5 777 -81 202 303  60
  -66 399  56 -81   1  11 -81   1  13  60 -55   1 -81 351
  -56   1 399  56   1  66 -55   5 -81 352
  -56   1  56 399 505  71
  -66 399  56 -81   4   0  60
  -66 399  56 -81   2 350 777 -81  11   0  60
  -56   1 399  56  37 117
  -66 399  56 -81   5   2 -81   2 865  60
  -66 399  56 -81  46 293 -81  60 293  60
  -66 399 199 -81  13   5 777 -81 211  94  60
  -57   1 -55  44 -81 456
  -56   3 299 399  97   0 777 777  98   0
  -57   2 -55  97 -81   4 -55  98 -81   5 -67   6  97  98 -96 -81
  -57   3 999


 SW55 - LOADED CELL:  5 WITH VALUE:     5, VBRELP =  2
 SW55 - LOADED CELL:  4 WITH VALUE:     0, VBRELP =  2
 CELL 44  =  213
 CELL  5  =    5
 -56 056 CONDITION AT  17,                    CONTINUE TO THE RIGHT
 CELL 44  =  213
 CELL  5  =    5
 -56 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
 CELL 44  =  213
 CELL  5  =    5
 -56 056 CONDITION AT  37,                    CONTINUE TO THE RIGHT
 CELL 44  =  213
 CELL  4  =    0
 -56 056 CONDITION AT  47,                    CONTINUE TO THE RIGHT
 CELL 24  =    0
 CELL  5  =    5
 -56 056 CONDITION AT  57,                    CONTINUE TO THE RIGHT
 CELL 24  =    0
 CELL  5  =    5
 -56 056 CONDITION AT  67,                    CONTINUE TO THE RIGHT
 CELL 24  =    0
 CELL  5  =    5
 -56 056 CONDITION AT  77,                    CONTINUE TO THE RIGHT
 CELL 24  =    0
 CELL  4  =    0
 -56 056 CONDITION AT  87,                    CONTINUE TO THE RIGHT
 SCON(  1,-81) =    5
 SCON(  2,-81) =  798
 -66 SWITCH TEST: CONDITION TRUE AT  96
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 217
 CELL 37  =    0
 CELL 50  =    0
 -56 056 CONDITION AT 142,                     CONTINUE TO THE RIGHT

Main 40 table #176
  -56   1  93  10  99  99  56  50 122 -55   5 -81 351
  -56   1  93  10  99  99  56   5  96
  -66  93  10  99  99  56 -81   1   3 -81   1   6  60
  -66 399  56 -81  13   5 -81  11  35 -81  11  94  60
  -56   1  56 699  50   0
```

```
  -56   1 126 299   5  66
  -57   1 -55  50 123   0 -67   6  50  50 -96 -81
  -57   2
  -57   3 -55   6 -81 352
  -56   2  93  10  99  99  56   6  50   6   5
  -56   1 456 599   5  66
  -57   4 -55  50 123   0 -67   6  50  50 -96 -81
  -57   5 -55  50 -81 456 -67   6  50  50 -96 -81
  -57   6
  -56   1  56  93  10  99  99  27   0
  -66  93   7   8  99 899 -81  13   3 777 -81  11  35  60
  -57   7 -55  27  35   0
  -57   8 -55  27 -81  13
  -57  10 999


 CELL 50  =    0
 -56 056 CONDITION AT   8,                      CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  2
 CELL  5  =    1
 -56 056 CONDITION AT  21,                      CONTINUE TO THE RIGHT
 SCON(  1,-81) =    5
 SCON(  1,-81) =    5
 -66 056 CONDITION AT  32,                      CONTINUE TO THE RIGHT
 SCON( 13,-81) =    5
 -66 SWITCH TEST: CONDITION TRUE AT  39
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  75
 SW55 - LOADED CELL:  6 WITH VALUE:     1, VBRELP =  2
 CELL  6  =    1
 CELL  6  =    1
 -56 056 CONDITION AT  90,                      CONTINUE TO THE RIGHT
 CELL  5  =    1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 110
 SW55 - LOADED CELL: 50 WITH VALUE:   213, VBRELP =  2
 SW57 - VTR BREAK POINT, K3: 122
 CELL 27  =    0
 -56 056 CONDITION AT 131,                      CONTINUE TO THE RIGHT
 SCON( 13,-81) =    5
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 153
 SW55 - LOADED CELL: 27 WITH VALUE:     5, VBRELP =  2
 SW57 - VTR BREAK POINT, K3: 159
 SW57 - VTR BREAK POINT, K3: 149
 SW55 - LOADED CELL: 47 WITH VALUE:     5, VBRELP =  2

Main 40 table #109
  -66 399  56 -81  13   5 777 -81 202 193 777 -81 211  94  60
  -66 399  56 -81   2 392 -81   2 401 -81   2 103 -81  46 293 -81  60 293 -81  60 149  60
  -66 399  56 -81   5   2  60 -55   5 -81 352
  -56   1 199 399 505  71
  -57   1 -55  13 -81   4
  -56   3 299 399  97   0 777 777  98   0
  -57   2 -55  97 -81   4 -55  98  98   5 -67   6  97  98 -96 -81
  -57   3 999


 SCON( 13,-81) =    5
 SCON(  2,-81) =  798
 SCON( 11,-81) =   89
```

-66 SWITCH TEST: CONDITION TRUE AT 12
BRANCH TO -57 3   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 87
SW57 - VTR BREAK POINT, K3: 160
SCON(2,-81) = 798
SCON(2,-81) = 798
SCON(60,-81) =   0
-66 056 CONDITION AT 174, CONTINUE TO THE RIGHT
SCON(46,-81) =   0
-66 056 CONDITION AT 188, CONTINUE TO THE RIGHT
SCON(1,-81) =   5
SCON(2,-81) = 798
-66 056 CONDITION AT 205, CONTINUE TO THE RIGHT
SCON(46,-81) =   0
-66 056 CONDITION AT 215, CONTINUE TO THE RIGHT
SCON(20,-81) =   0
-66 056 CONDITION AT 225, CONTINUE TO THE RIGHT
SCON(1,-81) =   5
-66 056 CONDITION AT 239, CONTINUE TO THE RIGHT
SCON(19,-81) =   0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 4   EXECUTE UNTIL -57 5 JUMP -57 10
SW57 - VTR BREAK POINT, K3: 262

Main 50 table #627
  -66 699 56 -81 31 101 -81 46 101 -81 62 849 -81 62 864 -81 62 848 -81 62 851 -81 46 621 -81 46 341 -81   9
11 -81   9 21 -81   9 31 -81   9 19 -81   9 29 -81   9 39 60
  -66 699 56 -81   2 303 777 -81 213   4 777 -81 213   7 60 -55   3 -81 350
  -56   1 699 56   3 175
  -66 699 56 -81 46 319 -81 46 101 -81 19 140 60
  -66 699 56 -81 43 140 60 -55   6 -81 31 -55   5 -81 351
  -56   3 699 56   6   0 777 777   5 90 -55   1 -81   2 -55   2 -81 11 -55   8 -81 13 -55   9 -81 46
  -56   7 456 56   6   0 777 777   9   0 777 777   2 21 777 777 43   2
  -56   9 456 56   5 91 777 777   1 855 777 777   2 94 777 777   8   5 777 777   6   0
  -66 699 56 -81 60 140 -81 20 140 60
  -56   2 699 56   5 43   5 55
  -56   1 56 399 15 942
  -66 126 56 -81 31 115 777 -81   5   2 60
  -66 236 399 -81 31 115 777 -81   5   1 60
  -57   1 -44 -81 107 140   0 -54   1 -81 46 140 -48 43 -81   9
  -57   2 -44 -81 107 532   0 -54   1 -81 46 315 -48 43 -81   6
  -57   3 -55   3 -81 352
  -56   1 699 56   3 23
  -66 699 56 -81 31 115 777 -81 246   0 60
  -66 699 56 -81 239   0 -81 42 575 60
  -66 699 56 -81 62 850 -81 62 864 60
  -66 699 56 -81   1   5 60
  -66 56 699 -81 31   0 60
  -66 56 699 -81   5   1 -81   5   0 60
  -66 56 699 -81 32   0 777 -81 33   0 777 -81 35   0 777 -81 36   0 777 -81 41   0 777 -81 46   0 60
  -66 699 56 -81 11 21 -81 11 52 60
  -66 456 56 -81 13   4 -81 13   7 60
  -66 456 56 -81   2 23 -81   2 582 -81   2 327 -81   2 655 -81   2 602 -81   2 78 -81   2 702 -81   2 50 -81   2 173 -81
2 708 -81   2 749 -81   2 574 -81   2 450 -81   2 716 -81   2 297 60
  -66 56 699 -81   2 46 -81   2 49 -81   2 609 60
  -66 456 699 -81 17 58 -81 42   0 60
  -57   4 -48 43 -81   3 -44 -81 107 131   0 -54   1 -81 46 101
  -57   5 -65   0 722   1 -81
  -57   6 999

SCON(31,-81) =   0
SCON(46,-81) =   0

```
SCON( 62,-81) =    0
SCON( 62,-81) =    0
SCON( 62,-81) =    0
SCON( 62,-81) =    0
SCON( 46,-81) =    0
SCON( 46,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
-66 056 CONDITION AT  43,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  798
-66 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  3 WITH VALUE:   852, VBRELP =  2
CELL  3  =  852
-56 056 CONDITION AT  70,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
SCON( 46,-81) =    0
SCON( 19,-81) =    0
-66 056 CONDITION AT  81,                    CONTINUE TO THE RIGHT
SCON( 43,-81) =    0
-66 056 CONDITION AT  88,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  6 WITH VALUE:    0, VBRELP =  2
SW55 - LOADED CELL:  5 WITH VALUE:    1, VBRELP =  2
CELL  6  =    0
CELL  5  =    1
-56 056 CONDITION AT 108,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  1 WITH VALUE:   798, VBRELP =  2
SW55 - LOADED CELL:  2 WITH VALUE:    89, VBRELP =  2
SW55 - LOADED CELL:  8 WITH VALUE:    5, VBRELP =  2
SW55 - LOADED CELL:  9 WITH VALUE:    0, VBRELP =  2
CELL  6  =    0
CELL  9  =    0
CELL  2  =   89
CELL 43  =    4
-56 056 CONDITION AT 142,                    CONTINUE TO THE RIGHT
CELL  5  =    1
CELL  1  =  798
CELL  2  =   89
CELL  8  =    5
CELL  6  =    0
-56 056 CONDITION AT 164,                    CONTINUE TO THE RIGHT
SCON( 60,-81) =    0
SCON( 20,-81) =    0
-66 056 CONDITION AT 172,                    CONTINUE TO THE RIGHT
CELL  5  =    1
CELL  5  =    1
-56 056 CONDITION AT 182,                    CONTINUE TO THE RIGHT
CELL 15  =  942
-56 056 CONDITION AT 188,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 197,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 244
SW55 - LOADED CELL:  3 WITH VALUE:    1, VBRELP =  2
CELL  3  =    1
-56 056 CONDITION AT 254,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 263,                    CONTINUE TO THE RIGHT
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 SCON( 39,-81) =    0
 SCON( 42,-81) =    0
 -66 056 CONDITION AT 273,                    CONTINUE TO THE RIGHT
 SCON( 62,-81) =    0
 SCON( 62,-81) =    0
 -66 056 CONDITION AT 283,                    CONTINUE TO THE RIGHT
 SCON(  1,-81) =    5
 -66 SWITCH TEST: CONDITION TRUE AT 290
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 453

Main 40 table #180
   -66 499  56 -81   1   5 -81  46 101 -81  46 319 -81   1  -5  60
   -66 599  56 -81  20 140  60 -55   5 -81  31 -55   6 -81   5
   -57   1
   -66 499  56 -81  46 319 -81  46 101 -81  19 140  60
   -66 399  56 -81  31 315 777 -81   5   2 777 -81 246 101  60
   -66 234  56 -81  31 115  60
   -56   7  56 499 467   0 457   0  15 968  15 977  15 967  15 976  15 942
   -66  56 499 -81  46   0 777 -81  47   0 777 -81  31 315  60
   -66 399 499 -81   6   2  60
   -57   2 -64   0 181   1 -81
   -57   3 -44 -81 107 140   0 -54   1 -81  46 140 -48  43 -81   9
   -57   4
   -66 599 699 -81  20 140  60
   -57   5 -36 140 -81
   -57   6 999


 SCON(  1,-81) =    5
 -66 SWITCH TEST: CONDITION TRUE AT   4
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 132
 SCON( 20,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 146

Main 50 table #368
   -66 950 648 -81   2 175 777 -81 213   4 777 -81 213   4  60
   -66 239  56 -81  20  53  60
   -66 129  56 -81  20  54  60
   -56   3 129  56  39   4 777 777  37   1
   -56   3 239  56  39   3 777 777  37   1
   -56   3 349  56 638  65 777 777  39   4
   -56   3 459  56 638  65 777 777  39   3
   -56   3 899  56 638  65 777 777  39   2
   -66 459  56 -81  20  83 -81  19  93  60
   -66 679  56 -81  17 458  60
   -56   1 349  56   5  84
   -66 569  56 -81  20  91  60
   -66 789 569 -81  13  13 777 -81  31   0 777 -81  12   1 777 -81  46   0 777 -81 201   2  60
   -57   1 -55  37 217   0 -55  29  83   0 -11  83 117   0 -38   4  -1   0
   -57   2 -55  37 217   0 -55  29  83   0 -11  83 117   0 -38   3  -1   0
   -57   3 -55  37 217   0 -55  29  81   0 -11  81 117   0 -38   4  -1   0
   -57   4 -55  37 217   0 -55  29  81   0 -11  81 117   0 -38   3  -1   0
   -57   5 -55  29  81   0 -11  81 -38   1  -1   0
   -57   6 -55  29  81   0 -11  81 -38   2  -1   0
   -57   7 -55  29  81   0 -11  81 -38   5  -1   0 -31  11
   -57   8 -55  37 217   0 -55  29  81   0 -11  81 117   0 -38   2  -1   0 -31  11
   -57  10  -1   0 999
```

```
 SCON(  2,-81) =  798
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  19,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  26,                    CONTINUE TO THE RIGHT
 CELL 39  =    1
 CELL 37  =    0
 -56 056 CONDITION AT  38,                    CONTINUE TO THE RIGHT
 CELL 39  =    1
 CELL 37  =    0
 -56 056 CONDITION AT  48,                    CONTINUE TO THE RIGHT
 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT  68,                    CONTINUE TO THE RIGHT
 CELL 38  =   34
 CELL 39  =    1
 -56 056 CONDITION AT  78,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 SCON( 19,-81) =    0
 -66 056 CONDITION AT  86,                    CONTINUE TO THE RIGHT
 SCON( 17,-81) =    0
 -66 056 CONDITION AT  93,                    CONTINUE TO THE RIGHT
 CELL  5  =    1
 -56 056 CONDITION AT 101,                     CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 106,                     CONTINUE TO THE RIGHT
 SCON( 13,-81) =    5
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57  6  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 205
 SW55 - LOADED CELL: 29 WITH VALUE:  81
 SW57 - VTR BREAK POINT, K3: 217
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  267
 SW57 - VTR BREAK POINT, K3: 280
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  316
 SW57 - VTR BREAK POINT, K3: 316
 SCON( 48,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 48,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT   3 LEVEL   4      ON ELEMENT  4jj       tran4
Tran rule #1468, ID: 1467
(DC) AUX V .S. N = A*0 E4 MMT487
 4  (14 -1 -1)  (2 -1 -1)  (52 -1 -1)
  (1 -1 94)
   -63   2 137   1 -36  56   0 -41 100 999     0

 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

Main 30 table #2137
   -66  56 299 -81   2 896  60
   -66  56 299 -82  19   0 -82  19   1 -82  20   0 -82  20   1  60
   -66 199  56 -82   2 197 777 -82  11  24  60
   -66 199 299 -82   2 886 777 -82 228 482  60
   -57   1 -54   1 -82  28 482 -11  83 482   0 -31  11
   -57   2 999
```

```
 SCON(  2,-81) =  894
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  59

***** A MATCH STARTING AT   3 LEVEL   3      ON ELEMENT  4jj       tran4
Tran rule #1464, ID: 1463
(DC) AUX .2S. V = -A*0 / SET C21 ST1085 BMO0190
 3  (14 -1 -1)  (52 -1 -1)  (2 -1 -1)
   -63   0 700   1 -55   5   1   0
   -56   1   9 550   5   1 -36  56   0 -41 100 999     0   0

 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

Main 30 table #700
   -55   5 -81 350
   -56   3 299 199   5 851   5 852   5 886
   -57   1 -55  21 -81 350
   -57   2 -55  26 -81 351 -55   5 -81 351 -55   6 -83 351
   -56   3 399  56   5  39 777 777   6  29
   -56   3 399  56   5  38 777 777   6  28
   -56   3 399  56   5  39 777 777   6  29
   -56   3 499  56   5  39 777 777   6  39
   -56   3 499 699   5  38 777 777   6  38
   -57   3 -46 -83   0   0 -81
   -57   4
   -66  56 699 -81  20 100 -81  20 101 -81  20  11  60
   -66 599 699 -83  20   0  60
   -57   5 -54   1 -83  20 -81
   -57   6 999


 SW55 - LOADED CELL:  5 WITH VALUE:   894, VBRELP =  3
 CELL  5  =  894
 CELL  5  =  894
 CELL  5  =  894
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  15
 SW55 - LOADED CELL: 21 WITH VALUE:   894, VBRELP =  3
 SW57 - VTR BREAK POINT, K3:  21
 SW55 - LOADED CELL: 26 WITH VALUE:     6, VBRELP =  3
 SW55 - LOADED CELL:  5 WITH VALUE:     6, VBRELP =  3
 SW55 - LOADED CELL:  6 WITH VALUE:    34, VBRELP =  4
 CELL  5  =    6
 CELL  6  =   34
 -56 056 CONDITION AT  43,                    CONTINUE TO THE RIGHT
 CELL  5  =    6
 CELL  6  =   34
 -56 056 CONDITION AT  53,                    CONTINUE TO THE RIGHT
 CELL  5  =    6
 CELL  6  =   34
 -56 056 CONDITION AT  63,                    CONTINUE TO THE RIGHT
 CELL  5  =    6
 CELL  6  =   34
 -56 056 CONDITION AT  73,                    CONTINUE TO THE RIGHT
 CELL  5  =    6
 CELL  6  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 121
 SW55 - LOADED CELL:  5 WITH VALUE:   1
 CELL  5  =    1
```

-56 CONDITION TRUE AT 13, BRANCH TO WC9
STR1CHG: -1 STR2CHG: 0 STR3CHG: 0

***** A MATCH STARTING AT 3 LEVEL 1 ON ELEMENT 4jj tran4
Tran rule #971, ID: 970
03 9***550**261 AUX .S. V = -A*0 / CK AUX/AUX=851 ST585 BMO0989
1 (9 550 1)
 -42 10 261 1 3 -46 -81 0 851 0 -36 56 1 -41 100 999 0 0

***** A MATCH STARTING AT 3 LEVEL 4 ON ELEMENT 4jj tran4
Tran rule #1324, ID: 1323
03 **261 (MC/DC) WILL V = -2 / AGREEMENT/WILL NULLED ST1284 EGSP4
4 (10 261 1) (-1 894 -1) (52 -1 -1)
 (2 -1 34)
 -46 -81 0 851 0
 -63 0 351 1 -31 56 -41 100 999 0

STR1CHG: -1 STR2CHG: 0 STR3CHG: 0

Main 30 table #351
 -36 140 -81 999

TARG_CODES: ID= 140 lang=1 MorC=2 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat= 0 Gender=0 WC= 0

***** A MATCH STARTING AT 3 LEVEL 2 ON ELEMENT 4jj tran4
Tran rule #1499, ID: 1498
(DC) AUX V = -1 E4 ST1284
2 (14 851 -1) (2 -1 -1)
 -46 -82 4 0 0
 -63 0 448 1 -41 1 999 0 0

Main 30 table #448
 -64 0 365 2 -82 42 -65 0 291 0 999

Main 40 table #365
 -66 199 299 -82 31 274 60
 -57 1 -55 42 17 0
 -57 2 999

SCON(31,-82) = 0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2 EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 14

Main 50 table #291
 -16 -81 -81 -81 0 -82 -31 -81 -55 31 -82 11 -55 48 -82 2
 -66 199 56 -81 53 0 60 -55 5 -82 351
 -56 11 199 299 405 30 777 777 405 31 777 777 405 32 777 777 405 33 777 777 405 61 777 777 405 62
 -57 1 -55 38 -82 351
 -57 2 999

SW55 - LOADED CELL: 31 WITH VALUE: 54, VBRELP = 4
SW55 - LOADED CELL: 48 WITH VALUE: 835, VBRELP = 4
SCON(53,-81) = 0
-66 SWITCH TEST: CONDITION TRUE AT 20
BRANCH TO -57 1 EXECUTE UNTIL -57 99 JUMP -57 99

```
 SW57 - VTR BREAK POINT, K3:  54
 SW55 - LOADED CELL: 38 WITH VALUE:    34, VBRELP =  4
 SW57 - VTR BREAK POINT, K3:  60

***** A MATCH STARTING AT   4 LEVEL   2       ON ELEMENT  5jj       tran4
Tran rule #439, ID: 438
**65 (DC) V N(ACC) = -2 E4 ST985 KSB188
 2  (4 -1 -1)  (1 -1 94)
   -42  10  65   1   2 -46 -81   2 852   0 -46 -82   5   0   0
   -63   0 808   1 -31  56 -41   2 999     0   0


Main 30 table #808
   -64   0 355   2 -81 -82
   -66 899  56 -82  20 140  60
   -66 678  56 -82  20 141  60 -64   0 361   1 -82 -55   5 -82 350
   -56   1 899  56   5 175 -64   0 276   0 -64   0 188   2 -81 -82 -64   0 287   2 -81 -82
   -66 128  56 -81   2 312 777 -81  11  22 777 -82  13   5  60
   -66 799  56 -81  19  34 -81  19  38 -81  19 834 -81  19 838 -81  19 934 -81  19 938  60
   -66  56 468 -81  20  17 -81  20  18  60
   -66 899  56 -81  19   2 -81  19   3 -81  19   4  60 -55   5 -82 351
   -56   1 348 238   5  66
   -57   1 -54   1 -82  20  91 -16 -82 -82 -82   0 -81 -54   1 -81  48  15
   -57   2 -16 -82 -82 -82   0 -81 -54   1 -82  20  91
   -57   3 -16 -82   2 -82   0 -81 -54   1 -82  20  91
   -57   4 -65   0 102   0
   -57   5 -64   0 182   2 -81 -82
   -57   6 -55  39 -81  19
   -57   7 -54   1 -81  48  16 -54   1 -82  20 100
   -57   8 999



Main 40 table #355
   -66  56 299 -81  20  17 -81  20  18 -81  20  19  60
   -66 299 199 -81  19   2 -81  19   3 -81  19   4  60
   -57   1 -16 -82 -82 -82   0 -81
   -57   2 999


 SCON( 20,-81) =    1
 SCON( 20,-81) =    1
 SCON( 20,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  35
 SCON( 20,-82) =    0
 -66 056 CONDITION AT  10,                    CONTINUE TO THE RIGHT
 SCON( 20,-82) =    0
 -66 056 CONDITION AT  17,                    CONTINUE TO THE RIGHT

Main 40 table #361
   -66 299  56 -82  20 140 -82  19 140 -82  20 141  60 -55   2 -82   2 -55   3 -82  60 -55   4 -82   1
   -56   7 199  56   2 115 777 777   3   0 777 777   4   5 777 777  67 909
   -56   7 199  56   2 115 777 777   3   0 777 777   4   5 777 777  15 966
   -56   7 199  56   2 115 777 777   3   0 777 777   4   5 777 777  15 942
   -56   7 199 299   2 115 777 777   3   0 777 777   4   5 777 777  15 928
   -57   1 -36 782 -82
   -57   2 999


 SCON( 20,-82) =    0
 SCON( 19,-82) =    0
```

```
 SCON( 20,-82) =    0
 -66 056 CONDITION AT  10,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  2 WITH VALUE:    18, VBRELP =  5
 SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP =  5
 SW55 - LOADED CELL:  4 WITH VALUE:     1, VBRELP =  5
 CELL  2 =   18
 CELL  3 =    0
 CELL  4 =    1
 CELL 67 =    0
 -56 056 CONDITION AT  42,                    CONTINUE TO THE RIGHT
 CELL  2 =   18
 CELL  3 =    0
 CELL  4 =    1
 CELL 15 =  942
 -56 056 CONDITION AT  60,                    CONTINUE TO THE RIGHT
 CELL  2 =   18
 CELL  3 =    0
 CELL  4 =    1
 CELL 15 =  942
 -56 056 CONDITION AT  78,                    CONTINUE TO THE RIGHT
 CELL  2 =   18
 CELL  3 =    0
 CELL  4 =    1
 CELL 15 =  942
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 103
 SW55 - LOADED CELL:  5 WITH VALUE:    18, VBRELP =  5
 CELL  5 =   18
 -56 056 CONDITION AT  34,                    CONTINUE TO THE RIGHT

Main 40 table #276
   -64   0 258   0 -55  29   0   0 -55  43 -81   3
   -66  56 299 -82   2 175 777 -82  13   0  60
   -66 199 299 -82  19 401 -82  19 402 -82  19 392  60
   -57   1 -54   1 -81  48  15
   -57   2 999



Main 40 table #258
   -56   1  56 299  28 705 -55   5 -82 351
   -56   1  56 299   5  90
   -66  56 299 -81  20  31  60
   -66 199 299 -82   2 180 -82   2 181 -82   2 183  60
   -57   1 -44 -81 120 496   0
   -57   2 999


 CELL 28 =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  44
 SW55 - LOADED CELL: 29 WITH VALUE:   0
 SW55 - LOADED CELL: 43 WITH VALUE:     4, VBRELP =  4
 SCON(  2,-82) =   18
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  44

Main 40 table #188
   -66  56 499 -82  19 271  60
   -66 234  56 -81  12   3 -81  12   9  60
```

```
  -66 124  56 -81   6   1 777 -82  31 223  60
  -66 124  56 -81   6   1 777 -82  31 224  60
  -66 124  56 -81   6   2 777 -82  31 226  60
  -66 124  56 -81   4   2 777 -81   5   1 777 -81   6   3 777 -82  31 220  60
  -66 124  56 -81   4   2 777 -81   5   0 777 -81   6   3 777 -82  31 220  60
  -66 124  56 -81   4   1 777 -81   5   1 777 -81   6   3 777 -82  31 221  60
  -66 124  56 -81   4   1 777 -81   5   0 777 -81   6   3 777 -82  31 221  60
  -66 124  56 -81   4   3 777 -81   5   1 777 -81   6   3 777 -82  31 222  60
  -66 124  56 -81   4   3 777 -81   5   0 777 -81   6   3 777 -82  31 222  60
  -66 124 399 -81   5   2 777 -81   6   3 777 -82  31 225  60
  -57   1 -44 -82 107 131   0 -11  83 271   0 -16 -81 -81 -81   3 271 -31  11
  -57   2 -64   0 189   2 -81 -82
  -57   3 -64   0 190   2 -81 -82
  -57   4 999


 SCON( 19,-82) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 215

Main 40 table #287
  -66  56 399 -82  31 334 -82  31 222  60
  -66  56 399 -81   6   3 777 -81 205   2  60
  -66 123  56 -81   4   2 777 -82  31 334  60
  -66 299 399 -81   4   2 777 -82  31 222  60
  -57   1 -48  43 -82   6 -44 -82 107 771   0
  -57   2 -48  43 -82   6 -44 -82 107 536   0
  -57   3 999


 SCON( 31,-82) =    0
 SCON( 31,-82) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  66
 SCON(  2,-81) =  835
 -66 056 CONDITION AT  63,                    CONTINUE TO THE RIGHT
 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 SCON( 19,-81) =    1
 -66 056 CONDITION AT  85,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    1
 SCON( 20,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57  6  JUMP -57  8
 SW57 - VTR BREAK POINT, K3: 166

Main 50 table #102
  -65   0 108   2 -81 -82 -65   0 627   1 -82 -55   5 -81  19
  -56   1 128  56   5   2
  -56   1 238  56   5   3
  -56   1 348 499   5   4
  -57   1 -54   1 -82  20  82
  -57   2 -54   1 -82  20  83
  -57   3 -54   1 -82  20  84
  -57   4
  -66 899  56 -82  20  92 -82  20  52  60
  -66 568  56 -81   3   1 777 -81 219   2 777 -81 219   3 777 -81 219   4 777 -82 220  87  60
  -66 678  56 -81   3   3 777 -81 219   2 777 -81 219   4  60
```

-66 799 899 -81 3 2 777 -81 219 3 777 -81 219 4 60
-57 5 -54 1 -82 20 91
-57 6 -54 1 -82 20 93
-57 7 -54 1 -82 20 92
-57 8 999

Main 50 table #108
-66 199 56 -81 2 930 777 -82 19 91 60
-66 199 299 -81 11 89 777 -81 2 571 777 -82 19 91 60
-57 1 -16 -82 -82 -82 0 -81 -54 1 -82 20 91
-57 2 999

SCON(2,-81) = 835
-66 056 CONDITION AT 8, CONTINUE TO THE RIGHT
SCON(11,-81) = 54
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2 EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 40

Main 50 table #627
-66 699 56 -82 31 101 -82 46 101 -82 62 849 -82 62 864 -82 62 848 -82 62 851 -82 46 621 -82 46 341 -82 9
11 -82 9 21 -82 9 31 -82 9 19 -82 9 29 -82 9 39 60
-66 699 56 -82 2 303 777 -82 213 4 777 -82 213 7 60 -55 3 -82 350
-56 1 699 56 3 175
-66 699 56 -82 46 319 -82 46 101 -82 19 140 60
-66 699 56 -82 43 140 60 -55 6 -82 31 -55 5 -82 351
-56 3 699 56 6 0 777 777 5 90 -55 1 -82 2 -55 2 -82 11 -55 8 -82 13 -55 9 -82 46
-56 7 456 56 6 0 777 777 9 0 777 777 2 21 777 777 43 2
-56 9 456 56 5 91 777 777 1 855 777 777 2 94 777 777 8 5 777 777 6 0
-66 699 56 -82 60 140 -82 20 140 60
-56 2 699 56 5 43 5 55
-56 1 56 399 15 942
-66 126 56 -82 31 115 777 -82 5 2 60
-66 236 399 -82 31 115 777 -82 5 1 60
-57 1 -44 -82 107 140 0 -54 1 -82 46 140 -48 43 -82 9
-57 2 -44 -82 107 532 0 -54 1 -82 46 315 -48 43 -82 6
-57 3 -55 3 -82 352
-56 1 699 56 3 23
-66 699 56 -82 31 115 777 -82 246 0 60
-66 699 56 -82 239 0 -82 42 575 60
-66 699 56 -82 62 850 -82 62 864 60
-66 699 56 -82 1 5 60
-66 56 699 -82 31 0 60
-66 56 699 -82 5 1 -82 5 0 60
-66 56 699 -82 32 0 777 -82 33 0 777 -82 35 0 777 -82 36 0 777 -82 41 0 777 -82 46 0 60
-66 699 56 -82 11 21 -82 11 52 60
-66 456 56 -82 13 4 -82 13 7 60
-66 456 56 -82 2 23 -82 2 582 -82 2 327 -82 2 655 -82 2 602 -82 2 78 -82 2 702 -82 2 50 -82 2 173 -82
2 708 -82 2 749 -82 2 574 -82 2 450 -82 2 716 -82 2 297 60
-66 56 699 -82 2 46 -82 2 49 -82 2 609 60
-66 456 699 -82 17 58 -82 42 0 60
-57 4 -48 43 -82 3 -44 -82 107 131 0 -54 1 -82 46 101
-57 5 -65 0 722 1 -82
-57 6 999

SCON(31,-82) = 0
SCON(46,-82) = 0
SCON(62,-82) = 0
SCON(62,-82) = 0

```
SCON( 62,-82) =    0
SCON( 62,-82) =    0
SCON( 46,-82) =    0
SCON( 46,-82) =    0
SCON(  9,-82) =    0
SCON(  9,-82) =    0
SCON(  9,-82) =    0
SCON(  9,-82) =    0
SCON(  9,-82) =    0
SCON(  9,-82) =    0
-66 056 CONDITION AT  43,                    CONTINUE TO THE RIGHT
SCON(  2,-82) =   18
-66 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  3 WITH VALUE:    18, VBRELP =  5
CELL  3 =   18
-56 056 CONDITION AT  70,                    CONTINUE TO THE RIGHT
SCON( 46,-82) =    0
SCON( 46,-82) =    0
SCON( 19,-82) =    0
-66 056 CONDITION AT  81,                    CONTINUE TO THE RIGHT
SCON( 43,-82) =    0
-66 056 CONDITION AT  88,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  6 WITH VALUE:     0, VBRELP =  5
SW55 - LOADED CELL:  5 WITH VALUE:     2, VBRELP =  5
CELL  6 =    0
CELL  5 =    2
-56 056 CONDITION AT 108,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  1 WITH VALUE:    18, VBRELP =  5
SW55 - LOADED CELL:  2 WITH VALUE:    18, VBRELP =  5
SW55 - LOADED CELL:  8 WITH VALUE:     3, VBRELP =  5
SW55 - LOADED CELL:  9 WITH VALUE:     0, VBRELP =  5
CELL  6 =    0
CELL  9 =    0
CELL  2 =   18
CELL 43 =    4
-56 056 CONDITION AT 142,                    CONTINUE TO THE RIGHT
CELL  5 =    2
CELL  1 =   18
CELL  2 =   18
CELL  8 =    3
CELL  6 =    0
-56 056 CONDITION AT 164,                    CONTINUE TO THE RIGHT
SCON( 60,-82) =    0
SCON( 20,-82) =    0
-66 056 CONDITION AT 172,                    CONTINUE TO THE RIGHT
CELL  5 =    2
CELL  5 =    2
-56 056 CONDITION AT 182,                    CONTINUE TO THE RIGHT
CELL 15 =  942
-56 056 CONDITION AT 188,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =    0
-66 056 CONDITION AT 197,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =    0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 244
SW55 - LOADED CELL:  3 WITH VALUE:     2, VBRELP =  5
CELL  3 =    2
-56 056 CONDITION AT 254,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =    0
-66 056 CONDITION AT 263,                    CONTINUE TO THE RIGHT
SCON( 39,-82) =    0
SCON( 42,-82) =    0
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-66 056 CONDITION AT 273,                    CONTINUE TO THE RIGHT
SCON( 62,-82) =    0
SCON( 62,-82) =    0
-66 056 CONDITION AT 283,                    CONTINUE TO THE RIGHT
SCON(  1,-82) =    1
-66 056 CONDITION AT 290,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =    0
-66 056 CONDITION AT 297,                    CONTINUE TO THE RIGHT
SCON(  5,-82) =    2
SCON(  5,-82) =    2
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 453
SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  4
CELL  5 =    1
-56 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
CELL  5 =    1
-56 056 CONDITION AT  26,                    CONTINUE TO THE RIGHT
CELL  5 =    1
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3:  55
SCON( 20,-82) =    0
SCON( 20,-82) =    0
-66 056 CONDITION AT  63,                    CONTINUE TO THE RIGHT
SCON(  3,-81) =    4
-66 056 CONDITION AT  86,                    CONTINUE TO THE RIGHT
SCON(  3,-81) =    4
-66 056 CONDITION AT 101,                    CONTINUE TO THE RIGHT
SCON(  3,-81) =    4
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 141
SW57 - VTR BREAK POINT, K3: 172

Main 40 table #182
  -66 499  56 -82  31 315 777 -82   5   2 777 -82  46   0  60
  -66 499  56 -82  31 315 777 -82   5   2 777 -82  46 140  60
  -66  56 599 -82  31 115 777 -82  46   0  60
  -56   1 235  56  15 446
  -66 345  56 -81   2 162 777 -81  11  48 777 -82   5   2  60
  -66 125  56 -81   2 162 777 -81  11  48  60
  -66 235  56 -81   2 814 -81   2 596  60
  -66 345  56 -81   2 130 777 -81  11  57 777 -82   5   2  60
  -66 125 599 -81   2 130 777 -81  11  57  60
  -57   1 -44 -82 107 621   0 -54   1 -82  46 621 -48  43 -82   3
  -57   2 -44 -82 107 341   0 -54   1 -82  46 341 -48  43 -82   6
  -57   3 -44 -82 107 456   0 -54   1 -82  46 456 -48  43 -82   3
  -57   4 -44 -82 107 140   0 -54   1 -82  46 140 -48  43 -82   9
  -57   5 999


SCON( 31,-82) =    0
-66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =    0
-66 056 CONDITION AT  27,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =    0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 174
SW57 - VTR BREAK POINT, K3: 180
SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  198
SW57 - VTR BREAK POINT, K3: 198
```

***** A MATCH STARTING AT 4 LEVEL 1   ON ELEMENT 5jj   tran4
Tran rule #163, ID: 162
(DC) V(FUT) = BRANCH TO WC09510 ST985 EGSP4
 1 (2 852 34)
  -63 0 73 1 999   -1 -1

Main 30 table #73
  -66 123 299 -81 19 140 60
  -57 1 -1 140
  -57 2 -65 0 327 0
  -57 3 999

 SCON(19,-81) =   1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 12

Main 50 table #327
  -55 5 -81 20 -55 9 -81 56
  -56 1 950 839 5 140
  -56 9 950 584 21 893 777 777 450 111 777 777 450 122 777 777 450 121 777 777 409 140
  -56 3 950 584 21 893 777 777 67 909 -65 100 510 0 -1 0 999

 SW55 - LOADED CELL: 5 WITH VALUE: 1, VBRELP = 4
 SW55 - LOADED CELL: 9 WITH VALUE: 0, VBRELP = 4
 CELL 5 =   1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL 21 = 894
 CELL 50 = 213
 CELL 50 = 213
 CELL 50 = 213
 CELL 9 =   0
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL 21 = 894
 CELL 67 =   0
 -56 CONDITION FALSE, CONTINUE THIS VTR

Main 50 table #510
  -66 950 375 -81 20 21 60 -55 3 -81 12
  -56 2 124 56 3 3 3 5
  -56 1 399 56 3 4
  -56 1 235 56 3 7
  -56 1 135 56 3 8
  -56 1 245 499 3 9
  -57 1 -11 81 271 0 -16 1 -81 -81 3 271
  -57 2 -11 92 -38 4 -1 0 -11 92 330 0 -16 -81 -81 -81 1 330
  -57 3 -11 81 271 0 -16 1 -81 -81 4 271
  -57 4 -11 92 -38 10 -1 0
  -57 5 -11 91 -27 -81
  -57 6
  -66 950 513 -81 48 15 60
  -66 950 514 -81 48 16 60
  -66 950 517 -81 48 19 60 999

 SCON(20,-81) =   1
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SW55 - LOADED CELL: 3 WITH VALUE: 1, VBRELP = 4
 CELL 3 =   1

```
 CELL  3 =   1
 -56 056 CONDITION AT  18,                  CONTINUE TO THE RIGHT
 CELL  3 =   1
 -56 056 CONDITION AT  24,                  CONTINUE TO THE RIGHT
 CELL  3 =   1
 -56 056 CONDITION AT  30,                  CONTINUE TO THE RIGHT
 CELL  3 =   1
 -56 056 CONDITION AT  36,                  CONTINUE TO THE RIGHT
 CELL  3 =   1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  86
 SW57 - VTR BREAK POINT, K3:  94
 SW57 - VTR BREAK POINT, K3: 100
 SCON( 48,-81) =   0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 48,-81) =   0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 48,-81) =   0
 -66 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT   5 LEVEL   2      ON ELEMENT  6jj       tran4
Tran rule #637, ID: 636
(DC) N PUNC(CB) = -2(SIC?) / (DC)CHAIN JV582 EGSP4
 2  (5 -1 -1)  (20 -1 -1)
   -63   4 274   3 -46 -82  15   0   0 -46 -81   1 852   0 -41   2 999     0   0


Main 30 table #4274
   -66 199 299 -82   1  20  60
   -57   1 -16 -81 -81 -81   0 -82
   -57   2
   -66  56 499 -81  20  52 777 -82   2 888  60 -55   5 -82 351
   -56   1 499  56   5  94
   -56   1 499 399  15 942
   -57   3 -36 140 -82
   -57   4
   -66  56 699 -82   2 888 777 -81  20  52  60
   -56   1 599 699  15 966
   -57   5 -36 140 -82 -54   1 -82  46 144
   -57   6 -64   0 361   1 -81 999


 SCON(  1,-82) =   20
 -66 SWITCH TEST: CONDITION TRUE AT   4
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:   8
 SW57 - VTR BREAK POINT, K3:  16
 SCON( 20,-81) =   0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  50
 SCON(  2,-82) =  888
 SCON( 20,-81) =   0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  79

Main 40 table #361
   -66 299  56 -81  20 140 -81  19 140 -81  20 141  60 -55   2 -81   2 -55   3 -81  60 -55   4 -81   1
   -56   7 199  56   2 115 777 777   3   0 777 777   4   5 777 777  67 909
   -56   7 199  56   2 115 777 777   3   0 777 777   4   5 777 777  15 966
   -56   7 199  56   2 115 777 777   3   0 777 777   4   5 777 777  15 942
```

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  -56   7 199 299   2 115 777 777   3   0 777 777   4   5 777 777  15 928
  -57   1 -36 782 -81
  -57   2 999


 SCON( 20,-81) =    0
 SCON( 19,-81) =    0
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  10,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  2 WITH VALUE:    18, VBRELP =  5
 SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP =  5
 SW55 - LOADED CELL:  4 WITH VALUE:     1, VBRELP =  5
 CELL  2  =   18
 CELL  3  =    0
 CELL  4  =    1
 CELL 67  =    0
 -56 056 CONDITION AT  42,                    CONTINUE TO THE RIGHT
 CELL  2  =   18
 CELL  3  =    0
 CELL  4  =    1
 CELL 15  =  942
 -56 056 CONDITION AT  60,                    CONTINUE TO THE RIGHT
 CELL  2  =   18
 CELL  3  =    0
 CELL  4  =    1
 CELL 15  =  942
 -56 056 CONDITION AT  78,                    CONTINUE TO THE RIGHT
 CELL  2  =   18
 CELL  3  =    0
 CELL  4  =    1
 CELL 15  =  942
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 103

***** A MATCH STARTING AT   5 LEVEL   1      ON ELEMENT  6jj       tran4
Tran rule #72, ID: 71
(DC) N(D.O.) = (N) ST586 EGSP4
 1  (1 852 94)
   -63   0  16   1 999    -1  -1


Main 30 table #16
   -64   0 251   1 -81 -64   0 281   1 -81 -64   0 392   1 -81
   -66 128 299 -81  13  15  60
   -57   1 -64   0  88   1 -81
   -57   2 -55   7 -81  20
   -66 950 749 -81  46  53 777 -81  51  92  60
   -66 950 749 -81  46  53 777 -81  51  93  60
   -66 950 749 -81  46  53 777 -81  51  94  60
   -56   3 950 914  39   3  39   4  39   2 -55   5 -81  20
   -56   1 950 956  29 191
   -56   3 950 914  39   3  39   4  39   2
   -66 950 749 -81  46  53 777 -81  51  92  60
   -66 950 749 -81  46  53 777 -81  51  93  60
   -66 950 749 -81  46  53 777 -81  51  94  60
   -66 950 935 -81  46  53 -81  20  52 -81  20  92  60
   -66 399 499 -81  60 488 777 -81   1  16 777 -81   2 123 777 -81 220 100 777 -81 220 101  60
   -57   3 -54   1 -81  13   1 -36 532 -81
   -57   4
   -66 599 699 -81  40  38 777 -81  48  16  60
   -57   5 -11  93 122   0 -31  11
   -57   6 -65   0 951   1 -81
```

-56 1 56 899 47 5
-66 899 799 -81 11 89 -81 2 807 -81 2 207 -81 11 93 -81 2 195 -81 5 2 60
-57 7 -55 44 -81 456
-57 8 -65 0 313 0 999

Main 40 table #251
-55 5 -81 13 -55 4 -81 62
-56 3 399 56 444 0 777 777 5 6
-56 3 399 56 444 0 777 777 5 4
-56 3 399 56 444 0 777 777 5 7
-56 3 399 56 444 0 777 777 4 864
-56 3 399 56 424 0 777 777 5 6
-56 3 399 56 424 0 777 777 5 4
-56 3 399 56 424 0 777 777 5 7
-56 3 399 56 424 0 777 777 4 864
-66 399 56 -81 1 5 777 -81 202 303 60
-66 399 56 -81 1 11 -81 1 13 60 -55 1 -81 351
-56 1 399 56 1 66 -55 5 -81 352
-56 1 56 399 505 71
-66 399 56 -81 4 0 60
-66 399 56 -81 2 350 777 -81 11 0 60
-56 1 399 56 37 117
-66 399 56 -81 5 2 -81 2 865 60
-66 399 56 -81 46 293 -81 60 293 60
-66 399 199 -81 13 5 777 -81 211 94 60
-57 1 -55 44 -81 456
-56 3 299 399 97 0 777 777 98 0
-57 2 -55 97 -81 4 -55 98 -81 5 -67 6 97 98 -96 -81
-57 3 999

SW55 - LOADED CELL: 5 WITH VALUE: 3, VBRELP = 5
SW55 - LOADED CELL: 4 WITH VALUE: 0, VBRELP = 5
CELL 44 = 213
CELL 5 = 3
-56 056 CONDITION AT 17, CONTINUE TO THE RIGHT
CELL 44 = 213
CELL 5 = 3
-56 056 CONDITION AT 27, CONTINUE TO THE RIGHT
CELL 44 = 213
CELL 5 = 3
-56 056 CONDITION AT 37, CONTINUE TO THE RIGHT
CELL 44 = 213
CELL 4 = 0
-56 056 CONDITION AT 47, CONTINUE TO THE RIGHT
CELL 24 = 0
CELL 5 = 3
-56 056 CONDITION AT 57, CONTINUE TO THE RIGHT
CELL 24 = 0
CELL 5 = 3
-56 056 CONDITION AT 67, CONTINUE TO THE RIGHT
CELL 24 = 0
CELL 5 = 3
-56 056 CONDITION AT 77, CONTINUE TO THE RIGHT
CELL 24 = 0
CELL 4 = 0
-56 056 CONDITION AT 87, CONTINUE TO THE RIGHT
SCON(1,-81) = 1
-66 056 CONDITION AT 96, CONTINUE TO THE RIGHT
SCON(1,-81) = 1
SCON(1,-81) = 1

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-66 056 CONDITION AT 106,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  1 WITH VALUE:     2, VBRELP =  5
CELL  1 =    2
-56 056 CONDITION AT 118,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:     2, VBRELP =  5
CELL  5 =    2
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 217

Main 40 table #281
  -66 599  56 -81   2 175 777 -81  13   0  60
  -56   1 199  56  50   0
  -56   2 599  56  27   5  27  35
  -56   1 599  56  50 122
  -66 199 599 -81  13   5 -81  11  94  60
  -57   1 -55   5 -81 351
  -56   1 235 399   5  66
  -57   2 -55  50 123   0 -67   6  50  50 -96 -81
  -57   3
  -66 499 599 -81  13   5 -81  11  35 -81  11  94  60
  -57   4 -55  50 -81 456 -67   6  50  50 -96 -81
  -57   5 999


SCON(  2,-81) =   18
-66 056 CONDITION AT   8,                    CONTINUE TO THE RIGHT
CELL 50  =  213
-56 056 CONDITION AT  16,                    CONTINUE TO THE RIGHT
CELL 27  =    5
-56 SWITCH TEST: CONDITION TRUE AT  22
BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3:  93

Main 40 table #392
  -66 199 299 -81   1  18 777 -81   2 103 777 -81   4   0  60
  -57   1 -54   1 -81   4   3 -54   1 -81   6   3
  -57   2 999


SCON(  1,-81) =    1
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3:  28
SCON( 13,-81) =    3
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3:  30
SW55 - LOADED CELL:  7 WITH VALUE:     0, VBRELP =  5
SCON( 46,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 46,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 46,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
CELL 39  =    1
CELL 39  =    1
CELL 39  =    1
-56 CONDITION FALSE, CONTINUE THIS VTR
SW55 - LOADED CELL:  5 WITH VALUE:     0, VBRELP =  5
CELL 29  =    0
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL 39  =    1
```

```
 CELL 39  =    1
 CELL 39  =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 46,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 46,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 46,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 46,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 60,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 178
 SCON( 40,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 199

Main 50 table #951
  -56   1 399  56  22 303
  -56   1  56 399  13   0
  -66 399  56 -81   2 175 777 -81   1  16  60 -55   5 -81 352
  -56   1  56 399 505  71
  -66 399  56 -81   4   0  60
  -56   1 399  56  37 117
  -66 399  56 -81   2 350 777 -81  11   0  60
  -66 399  56 -81  13   5 777 -81 211  51 777 -81 211  94  60 -55   5 -81   2 -55   6 -81   1 -55   7 -81  13
  -56   5 399  56   5 303 777 777   6   5 777 777  13   0
  -56   3 399  56   7   5 777 777   6   5
  -56   3 399  56   5 102 777 777   6   5
  -66 399  56 -81  46 293 -81  60 293  60
  -66 399 199 -81   5   2 -81   2 865  60
  -57   1 -55  13 -81   4
  -56   3 299 399  97   0 777 777  98   0
  -57   2 -55  97 -81   4 -55  98 -81   5 -67   6  97  98 -96 -81
  -57   3 999


 CELL 22  =    0
 -56 056 CONDITION AT   5,                    CONTINUE TO THE RIGHT
 CELL 13  =    0
 -56 056 CONDITION AT  11,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =   18
 -66 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:     2, VBRELP =  5
 CELL  5  =    2
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 171
 CELL 47  =    5
 -56 056 CONDITION AT 210,                    CONTINUE TO THE RIGHT
 SCON( 11,-81) =   18
 SCON(  2,-81) =   18
 SCON(  2,-81) =   18
 SCON( 11,-81) =   18
 SCON(  2,-81) =   18
 SCON(  5,-81) =    2
 -66 SWITCH TEST: CONDITION TRUE AT 230
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
```

SW57 - VTR BREAK POINT, K3: 240

Main 50 table #313
-66 950 723 -81 1 5 777 -81 11 24 777 -81 202 140 60
-66 678 56 -81 20 140 -81 19 140 60 -55 7 -81 17
-66 950 901 -81 2 175 777 -81 13 0 60 -65 0 107 1 -81
-66 950 629 -81 20 291 60
-66 950 926 -81 46 117 60
-66 568 56 -81 20 100 -81 20 101 -81 20 102 -81 20 103 60 -55 3 -81 19 -55 5 -81 20 -55 6 -81 11
-56 1 950 805 6 89
-56 1 799 56 5 141
-56 3 950 554 5 82 5 83 5 84
-56 3 950 797 5 52 5 53 5 54
-56 3 950 914 19 3 777 777 7 458
-56 3 950 914 19 4 777 777 7 458
-56 3 950 914 19 2 777 777 7 458
-56 1 238 56 3 92
-56 1 348 56 3 93
-56 1 128 56 5 91
-56 1 950 552 5 87
-56 1 238 56 5 92
-56 1 348 56 5 93
-56 5 128 56 48 886 777 777 3 1 777 777 5 1
-56 5 128 56 48 886 777 777 3 1 777 777 5 103
-56 3 128 56 48 690 777 777 39 20
-56 1 238 56 41 2
-56 1 348 458 43 3
-57 1 -55 29 88 0 -11 88 -38 1 -1 0
-57 2 -55 29 88 0 -11 88 -38 2 -1 0
-57 3 -55 43 0 0 -55 29 83 0 -11 83 -38 3 -1 0
-57 4 -55 29 88 0 -11 88 -38 4 -1 0
-57 5 -55 29 149 0 -11 91 122 0 149 0 -38 1 -1 0
-57 6 -11 99 -1 0 -31 11
-57 7 -65 0 961 0
-57 8 -55 43 0 0
-66 950 513 -81 48 15 -81 48 16 60 -31 -81 999

SCON(1,-81) = 1
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON(20,-81) = 0
SCON(19,-81) = 0
-66 056 CONDITION AT 22, CONTINUE TO THE RIGHT
SW55 - LOADED CELL: 7 WITH VALUE: 8, VBRELP = 5
SCON(2,-81) = 18
-66 CONDITION FALSE, CONTINUE THIS VTR

Main 50 table #107
-57 1
-66 899 56 -81 246 0 -81 247 0 -81 20 140 -81 19 140 -81 1 5 -81 1 -5 60 -55 5 -81 31 -55 6 -81 5
-66 238 56 -81 31 115 777 -81 35 153 777 -81 205 2 60
-56 5 348 56 15 446 777 777 5 115 777 777 6 2
-66 799 56 -81 31 115 777 -81 82 814 60
-56 5 348 56 15 928 777 777 5 115 777 777 6 2
-56 3 238 56 15 446 777 777 5 115
-66 348 56 -81 31 115 777 -81 2 123 60
-66 348 56 -81 31 115 777 -81 35 153 60
-66 238 56 -81 31 315 777 -81 2 733 777 -81 5 2 777 -81 46 0 777 -81 20 0 60
-66 348 56 -81 31 315 777 -81 5 2 777 -81 246 101 777 -81 20 0 60
-66 56 899 -81 31 115 60
-56 3 799 56 67 909 777 777 6 2
-56 1 238 56 67 909
-66 348 56 -81 13 11 60

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 -56   5  56 599  15 968  15 977  15 967  15 976  15 942
 -66 458  56 -81 240   0  60
 -66  56 899 -81  31 115 -81  31 315  60
 -66 348 238 -81   5   2  60
 -57   2 -44 -81 107 532   0 -48  43 -81   6 -54   1 -81  46 532 -54   1 -81   5   1
 -57   3 -44 -81 107 140   0 -54   1 -81  46 140 -48  43 -81   9
 -57   4 -44 -81 107 621   0 -48  43 -81   6 -54   1 -81  46 621
 -57   5
 -66 678  56 -81  31 115 777 -81   5   2  60
 -66 899  56 -81 240   0  60 -55   5 -81  31 -55   6 -81  13
 -56   5 678  56  18  20 777 777   5 115 777 777   6  11
 -56   5 678  56  18  20 777 777   5 115 777 777   6   2 -55   8 -81 351
 -56   1 799  56  67 909
 -56   3 899  56   5 115 777 777   8  91
 -66 799 899 -81  31 115  60
 -57   6 -44 -81 107 456   0 -48  43 -81   6
 -57   7 -44 -81 107 341   0 -48  43 -81   6 -54   1 -81  46 341
 -57   8 999


SW57 - VTR BREAK POINT, K3:   1
SCON( 46,-81) =    0
SCON( 47,-81) =    0
SCON( 20,-81) =    0
SCON( 19,-81) =    0
SCON(  1,-81) =    1
SCON(  1,-81) =    1
-66 056 CONDITION AT  21,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:     0, VBRELP =  5
SW55 - LOADED CELL:  6 WITH VALUE:     2, VBRELP =  5
SCON( 31,-81) =    0
-66 056 CONDITION AT  44,                    CONTINUE TO THE RIGHT
CELL 15  =  942
CELL  5  =    0
CELL  6  =    2
-56 056 CONDITION AT  60,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT  69,                    CONTINUE TO THE RIGHT
CELL 15  =  942
CELL  5  =    0
CELL  6  =    2
-56 056 CONDITION AT  85,                    CONTINUE TO THE RIGHT
CELL 15  =  942
CELL  5  =    0
-56 056 CONDITION AT  95,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 104,                     CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 115,                     CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 138,                     CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 157,                     CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 392
SCON( 20,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 46,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 20,-81) =    0
SCON( 20,-81) =    0
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SCON( 20,-81) =    0
SCON( 20,-81) =    0
-66 056 CONDITION AT  72,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP =  5
SW55 - LOADED CELL:  5 WITH VALUE:     0, VBRELP =  5
SW55 - LOADED CELL:  6 WITH VALUE:    18, VBRELP =  5
CELL  6 =   18
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  5 =    0
-56 056 CONDITION AT  98,                    CONTINUE TO THE RIGHT
CELL  5 =    0
CELL  5 =    0
CELL  5 =    0
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  5 =    0
CELL  5 =    0
CELL  5 =    0
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL 19 =    0
CELL  7 =    8
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL 19 =    0
CELL  7 =    8
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL 19 =    0
CELL  7 =    8
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  3 =    0
-56 056 CONDITION AT 154,                    CONTINUE TO THE RIGHT
CELL  3 =    0
-56 056 CONDITION AT 160,                    CONTINUE TO THE RIGHT
CELL  5 =    0
-56 056 CONDITION AT 166,                    CONTINUE TO THE RIGHT
CELL  5 =    0
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  5 =    0
-56 056 CONDITION AT 178,                    CONTINUE TO THE RIGHT
CELL  5 =    0
-56 056 CONDITION AT 184,                    CONTINUE TO THE RIGHT
CELL 48 =  835
CELL  3 =    0
CELL  5 =    0
-56 056 CONDITION AT 198,                    CONTINUE TO THE RIGHT
CELL 48 =  835
CELL  3 =    0
CELL  5 =    0
-56 056 CONDITION AT 212,                    CONTINUE TO THE RIGHT
CELL 48 =  835
CELL 39 =    1
-56 056 CONDITION AT 222,                    CONTINUE TO THE RIGHT
CELL 41 =    0
-56 056 CONDITION AT 228,                    CONTINUE TO THE RIGHT
CELL 43 =    4
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  4   EXECUTE UNTIL -57  5  JUMP -57  8
SW57 - VTR BREAK POINT, K3: 276
SW55 - LOADED CELL: 29 WITH VALUE:  88
SW57 - VTR BREAK POINT, K3: 288
SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  318
SW57 - VTR BREAK POINT, K3: 318
SW55 - LOADED CELL: 43 WITH VALUE:   0
SCON( 48,-81) =    0
SCON( 48,-81) =    0
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 -66 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT   6 LEVEL   2       ON ELEMENT  7jj       tran4
Tran rule #1565, ID: 1564
(DC), N =-2(SIC?)/CK C12 IF DC-DC,N=WC7&C12=2(DC)/N=WC8 ST785 E4 PS1087
 2  (15 888 -1)  (1 -1 -1)
   -63   0 701   1
   -66 234  56 -81  42 148  60
   -66 399  56 -82   9  31 -82   9  21  60
   -56   1 124    56  12  44 -55   5 -82 351
   -56   1 124 234   5  90
   -57   1 -46 -82   7   0   0 -55  12   2   0   -57   2 -46 -82   8   0   0
   -57   3 -46 -82  18   0   0
   -57   4 -41   2 999     0   0


Main 30 table #701
   -66 799  56 -81  42 148  60 -55   5 -82 351
   -56   1 199 299   5  90
   -57   1 -54   1 -82  20 273
   -57   2
   -56   2 399 499  12   2  12   3
   -57   3 -55  12  21   0
   -57   4
   -66  56 899 -82   2 303 777 -82 213   4 777 -82 213   7  60
   -66 899  56 -82  46 456 -82  46 293 -82  46   3 -82  98 303  60
   -56   1 678 568  13   0
   -57   5 -54   1 -82  46 456 -54   1  13   4 -82
   -57   6 -16   3   1   0   0 -82
   -57   7 -54   1 -82  42 148
   -57   8 999


 SCON( 42,-81) =    0
 -66 056 CONDITION AT   4,                      CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  7
 CELL  5  =    1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  25
 CELL 12  =    2
 -56 SWITCH TEST: CONDITION TRUE AT  31
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  35
 SW55 - LOADED CELL: 12 WITH VALUE:  21
 SW57 - VTR BREAK POINT, K3:  41
 SCON(  2,-82) =  795
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 107
 SCON( 42,-81) =    0
 -66 056 CONDITION AT   8,                      CONTINUE TO THE RIGHT
 SCON(  9,-82) =    0
 SCON(  9,-82) =    0
 -66 056 CONDITION AT  18,                      CONTINUE TO THE RIGHT
 CELL 12  =   21
 -56 056 CONDITION AT  26,                      CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  7
 CELL  5  =    1
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57  3  JUMP -57  4
 SW57 - VTR BREAK POINT, K3:  49
 SW57 - VTR BREAK POINT, K3:  56
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 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:   63
 SW57 - VTR BREAK POINT, K3:  63

***** A MATCH STARTING AT   6 LEVEL   5      ON ELEMENT  7jj      tran4
Tran rule #1580, ID: 1579
, N .S.AUX V = -A*0 / C11=SET/C18=F/C19=S19 ST585 EGSP4
 5  (15 888 -1)  (8 -1 -1)  (52 -1 -1)
  (12 -1 -1)  (2 -1 -1)
   -63   0 792   1 -36  56   0 -41 100 999     0

 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

Main 30 table #792
   -55  11 -85  11 -55  28 -85 350 -55  18 -85 351 -55  19 -85  19 -55  43 -85   3
   -66  56 399 -82   2 303 777 -82  11  89  60
   -56   3 123  56  11  69 777 777  28 123
   -56   1  56 399 618  65
   -66 199 399 -81  63  21 777 -81  67  16  60
   -57   1 -16   3   1   3   1 -82 -54   1 -82  46   3
   -57   2 -36 140 -82
   -57   3 999


 SW55 - LOADED CELL: 11 WITH VALUE:    41, VBRELP =  9
 SW55 - LOADED CELL: 28 WITH VALUE:   354, VBRELP =  9
 SW55 - LOADED CELL: 18 WITH VALUE:    34, VBRELP =  9
 SW55 - LOADED CELL: 19 WITH VALUE:     1, VBRELP =  9
 SW55 - LOADED CELL: 43 WITH VALUE:     4, VBRELP =  9
 SCON(  2,-82) =  795
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  77

***** A MATCH STARTING AT   6 LEVEL   1      ON ELEMENT  7jj      tran4
Tran rule #1529, ID: 1528
(DC) CB = -1 (SIC<?>) / UNLOAD SLOTS ST1085 EGSP
 1  (15 -1 -1)
   -46 -81  20   0   0
   -63   0 457   1 -41   1 999     0   0


Main 30 table #457
   -66 599  56 -81  46 144 -81  20  53 -81  20 884  60
   -66 399  56 -81  20  98 -81  20  92 -81  20  82  60
   -66 599  56 -81  20  37 777 -81  46  13  60 -55   5 -81   2
   -56   5 235  56  15 876 777 777 405 820 777 777 405 828
   -66  56 125 -81   2 820 -81   2 828  60
   -66 399 125 -81  20  98 -81  20  82 -81  20  88 -81  20  92  60
   -57   1  91   0  81   0  85   0 113   0  83   0 118   0 111   0 115   0  88   0 119   0  89   0  96   0 114   0  84   0 116   0  86
0  90   0 120   0 109   0 -27   1  87   0 109   0  92   0  82   0  97   0  98   0  93   0 -55  42   0   0 -55  15   0   0
   -57   2  91   0  82   0  81   0  85   0 113   0  83   0 118   0 111   0 115   0  88   0 119   0  96   0  89   0 114   0  84   0 116
0  86   0  90   0 120   0 -27   1  87   0  92   0  97   0  98   0  93   0
   -57   3 -55   5 -81 351
   -56   1  56 599   5  94
   -66 499 599 -81  20  92 -81  20  98  60
   -57   4  91   0  81   0  85   0 113   0  83   0 118   0 111   0 115   0  88   0 119   0  89   0  96   0 114   0  84   0 116   0  86
0  90   0 120   0 109   0 -27   1  87   0 109   0
   -57   5 999


 SCON( 46,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
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 -66 056 CONDITION AT  10,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  23,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  34,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:   888, VBRELP =  6
 CELL 15  =  942
 CELL  5  =  888
 CELL  5  =  888
 -56 056 CONDITION AT  54,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  888
 SCON(  2,-81) =  888
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57  2  JUMP -57  5
 SW57 - VTR BREAK POINT, K3:  82
 SW38    4    6    1    1    3    3
 SW38   19   26    1    1    6    6
 SW38    8   18    1    1    5    5
 SW55 - LOADED CELL: 42 WITH VALUE:   0
 SW55 - LOADED CELL: 15 WITH VALUE:   0
 SW57 - VTR BREAK POINT, K3: 146
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  266
 SW57 - VTR BREAK POINT, K3: 266

***** A MATCH STARTING AT   6 LEVEL   1      ON ELEMENT  7jj       tran4
Tran rule #1826, ID: 1825
CB = CB JV882 EGSP4
 1  (20 -1 -1)
   -63   1 452   1 999     0   0


Main 30 table #1452
   -66 567  56 -81  42 148  60
   -66 678  56 -81  20 140  60
   -66 950 909 -81  20 104 -81  20  53  60
   -66 950 941 -81  20 884  60
   -66 950 909 -81  20  90 777 -81  17 458 777 -81   2 117  60
   -66 799  56 -81   2 885  60
   -66 950 662 -81  46 144 777 -81  20  93  60
   -66 940 154 -81  20  88 -81  20  92 -81  20  98  60
   -66 237  56 -81  60 149 777 -81 246 140  60
   -66 799  56 -81   2 103 -81   2 402 -81   2 392 -81  46 144  60
   -66 950 715 -81  19 100  60
   -66 799  56 -81 260 122 777 -81   2 888  60
   -66 799  56 -81   2 116 777 -81  46 122  60
   -66 678  56 -81  46 140 777 -81   2 888  60
   -66 799  56 -81  46 140  60
   -66 237  56 -81   2 820 777 -81  38 122 777 -81 246 122  60
   -66 237  56 -81   2 410 -81   2 876  60 -55   5 -81 350
   -56   3 568  56   5 888 777 777  38  28
   -66 237  56 -81   2 854 -81   2 907  60
   -66 799  56 -81  17  19  60
   -66 799  56 -81   2 888 -81   2 830 -81   2 885  60
   -66 237  56 -81   2 968 777 -81 246 140  60
   -66  56 199 -81   2 820 -81   2 828  60
   -57   1
   -66 399  56 -81   2 866  60 -55   3 -81 351
   -56   1  56 499 403  19
   -66 237 499 -81  38 122 777 -81 246 140  60
   -57   2 122   0
   -57   3 -65   0 388   0
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 -57   4 -55   5 -81 350 -55   3 -81 351
 -56   3 568  56   5 888 777 777   3  99
 -66 678 799 -81  33 461  60
 -57   5 122   0 -31 -81
 -57   6  -1 140
 -57   7 117   0  -1   0
 -57   8 -55  22   0   0 -55  42   0   0 -64   0 282   0 999


SCON( 42,-81) =    0
-66 056 CONDITION AT   4,                    CONTINUE TO THE RIGHT
SCON( 20,-81) =    0
-66 056 CONDITION AT  11,                    CONTINUE TO THE RIGHT
SCON( 20,-81) =    0
SCON( 20,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 20,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 20,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON(  2,-81) =  888
-66 056 CONDITION AT  50,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 20,-81) =    0
SCON( 20,-81) =    0
SCON( 20,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 60,-81) =  122
-66 056 CONDITION AT  85,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  888
SCON(  2,-81) =  888
SCON(  2,-81) =  888
SCON( 46,-81) =    0
-66 056 CONDITION AT 101,                    CONTINUE TO THE RIGHT
SCON( 19,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 60,-81) =  122
-66 056 CONDITION AT 119,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  888
-66 056 CONDITION AT 130,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
-66 056 CONDITION AT 141,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
-66 056 CONDITION AT 148,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  888
-66 056 CONDITION AT 163,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  888
SCON(  2,-81) =  888
-66 056 CONDITION AT 173,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:   888, VBRELP =  6
CELL  5  =  888
CELL 38  =   34
-56 056 CONDITION AT 189,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  888
SCON(  2,-81) =  888
-66 056 CONDITION AT 197,                    CONTINUE TO THE RIGHT
SCON( 17,-81) =    8
-66 056 CONDITION AT 204,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  888
-66 SWITCH TEST: CONDITION TRUE AT 211
BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 319
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 SW57 - VTR BREAK POINT, K3: 325
 SW55 - LOADED CELL: 22 WITH VALUE:   0
 SW55 - LOADED CELL: 42 WITH VALUE:   0

Main 40 table #282
   -66 499  56 -81  20  53 -81  20  90 -81  20  92 -81  20  98  60
   -66 199  56 -81  17   8  60
   -66 199 299 -81  38 122 777 -81 246 140  60
   -57   1 -55  13   0   0
   -57   2
   -66 499 399 -81   2 820 -81   2 828 -81   2 888  60
   -57   3 -55  15 -81 350
   -57   4 999


 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  13,                        CONTINUE TO THE RIGHT
 SCON( 17,-81) =    8
 -66 SWITCH TEST: CONDITION TRUE AT  20
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  35
 SW55 - LOADED CELL: 13 WITH VALUE:   0
 SW57 - VTR BREAK POINT, K3:  41
 SCON(  2,-81) =  888
 SCON(  2,-81) =  888
 SCON(  2,-81) =  888
 -66 SWITCH TEST: CONDITION TRUE AT  52
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  62

***** A MATCH STARTING AT   7 LEVEL   4       ON ELEMENT  8jj       tran4
Tran rule #861, ID: 860
**260 (MC) N(B4V) AUX V N = -4 / CK FOR N1:F94, N2:F66 E4 ST1284 BMO288
 4  (8 -1 -1)  (12 -1 -1)  (2 -1 -1)
  (1 -1 94)
   -42  10 260   1   4 -46 -81   0 851   0 -46 -82  13   0   0 -41   4 999     0


***** A MATCH STARTING AT   7 LEVEL   5       ON ELEMENT  8jj       tran4
Tran rule #1286, ID: 1285
04 ***260 (MC) N(91) AUX V N = -4 E4 BMO288 EDT
 5  (10 260 1)  (8 -1 91)  (12 -1 -1)
  (2 -1 -1)  (1 -1 94)
   -46 -81   0 851   0 -46 -82  13   0   0
   -63   0 173   1 -41   4 999     0


Main 30 table #173
   -16 -81 -81 -81   0 -82 -55   2 -83   3
   -56   1 199 299   2   9
   -57   1 -16   0   0   0   3 -81 -13 -81 -16 -84 -84 -84   0 -82 -46 -84   0   0  91
   -57   2 999


 SW55 - LOADED CELL:  2 WITH VALUE:     4, VBRELP =  9
 CELL  2 =    4
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  38
```

***** A MATCH STARTING AT 7 LEVEL 1   ON ELEMENT 8jj   tran4
Tran rule #927, ID: 926
(MC) N(B4V-NOM) = (N) ST585 EGSP4
 1 (8 851 91)
  -63 0 179 1 999   0 0

Main 30 table #179
  -65 0 282 0 999

Main 50 table #282
  -66 950 902 -81 2 175 777 -81 13 0 60
  -66 93 11 12 13 56 -81 20 140 -81 19 140 60 -65 0 953 1 -81 -64 0 252 1 -81 -64 0 176 1 -81
  -66 93 10 11 13 56 -81 20 291 -81 19 302 60 -65 0 627 1 -81 -64 0 179 1 -81
  -56 1 459 56 28 930
  -56 3 93 12 99 99 56 618 65 777 777 19 2
  -56 3 349 56 618 65 777 777 19 4
  -56 3 459 56 618 65 777 777 19 3
  -66 239 56 -81 20 53 60
  -66 129 56 -81 20 54 60
  -66 459 56 -81 20 93 -81 20 83 -81 19 93 60 -55 5 -81 20
  -66 349 56 -81 20 84 60
  -66 569 56 -81 20 91 60
  -56 1 950 665 17 1
  -66 679 56 -81 19 92 60
  -66 789 56 -81 19 93 60
  -66 93 8 10 13 56 -81 19 94 60
  -56 5 789 56 618 65 777 777 43 3 777 777 436 20
  -56 5 789 56 618 65 777 777 43 7 777 777 436 20
  -56 5 679 56 618 65 777 777 43 2 777 777 436 20
  -56 5 679 56 618 65 777 777 43 6 777 777 436 20
  -56 5 789 569 618 65 777 777 19 93 777 777 436 20
  -57 1 -55 29 83 0 -11 83 117 0 -38 4 -1 0
  -57 2 -55 29 83 0 -11 83 117 0 -38 3 -1 0
  -57 3 -55 29 81 0 -11 81 117 0 -38 4 -1 0
  -57 4 -55 29 81 0 -11 81 117 0 -38 3 -1 0
  -57 5 -55 29 81 0 -11 81 -38 1 -1 0
  -57 6 -55 29 83 0 -11 83 -38 2 -1 0
  -57 7 -55 29 83 0 -11 83 -38 3 -1 0
  -57 8 -55 29 83 0 -11 83 -38 4 -1 0 -31 11
  -57 10 -11 81 291 0 -31 11
  -57 11 -11 99 -1 0 -31 11
  -57 12 -55 29 81 0 -11 81 117 0 -38 2 -1 0 -31 11
  -57 13 999

 SCON(2,-81) = 795
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON(20,-81) = 0
 SCON(19,-81) = 0
 -66 056 CONDITION AT 21,   CONTINUE TO THE RIGHT

Main 50 table #953
  -66 299 56 -81 2 175 777 -81 13 0 60 -55 5 -81 352
  -56 1 56 299 505 71
  -66 299 56 -81 4 0 60
  -66 299 56 -81 2 350 777 -81 11 0 60
  -56 1 299 56 37 117
  -66 299 56 -81 5 2 -81 2 865 60 -55 5 -81 2 -55 6 -81 1 -55 7 -81 13
  -56 5 299 56 5 303 777 777 6 5 777 777 13 0
  -56 3 299 56 7 5 777 777 6 5

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  -56   3 299  56   5 102 777 777   6   5
  -66 299 199 -81  13   5 777 -81 211  94  60
  -57   1 -55  13 -81   4
  -57   2 999


 SCON(  2,-81) =  795
 -66 056 CONDITION AT   8,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:    1, VBRELP =  7
 CELL  5 =    1
 -56 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
 SCON(  4,-81) =    1
 -66 056 CONDITION AT  25,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  795
 -66 056 CONDITION AT  36,                    CONTINUE TO THE RIGHT
 CELL 37 =    0
 -56 056 CONDITION AT  44,                    CONTINUE TO THE RIGHT
 SCON(  5,-81) =    1
 SCON(  2,-81) =  795
 -66 056 CONDITION AT  52,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:   795, VBRELP =  7
 SW55 - LOADED CELL:  6 WITH VALUE:    5, VBRELP =  7
 SW55 - LOADED CELL:  7 WITH VALUE:    5, VBRELP =  7
 CELL  5 =  795
 CELL  6 =    5
 CELL 13 =    0
 -56 056 CONDITION AT  80,                    CONTINUE TO THE RIGHT
 CELL  7 =    5
 CELL  6 =    5
 -56 SWITCH TEST: CONDITION TRUE AT  90
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 119

Main 40 table #252
  -55   5 -81 351
  -56   1 399  56   5  96
  -66 399  56 -81   1   3 -81   1   6  60
  -66 399  56 -81   2 175 777 -81  13   0  60 -55   5 -81  13 -55   4 -81  62
  -56   3 399  56 424   0 777 777   5   6
  -56   3 399  56 424   0 777 777   5   4
  -56   3 399  56 424   0 777 777   5   7
  -56   3 399  56 424   0 777 777   4 864
  -56   3 399  56 444   0 777 777   5   6
  -56   3 399  56 444   0 777 777   5   4
  -56   3 399  56 444   0 777 777   5   7
  -56   3 399  56 444   0 777 777   4 864
  -66 399  56 -81   1   5 777 -81 202 303  60
  -66 399  56 -81   1  11 -81   1  13  60 -55   1 -81 351
  -56   1 399  56   1  66 -55   5 -81 352
  -56   1  56 399 505  71
  -66 399  56 -81   4   0  60
  -66 399  56 -81   2 350 777 -81  11   0  60
  -56   1 399  56  37 117
  -66 399  56 -81   5   2 -81   2 865  60
  -66 399  56 -81  46 293 -81  60 293  60
  -66 399 199 -81  13   5 777 -81 211  94  60
  -57   1 -55  24 -81 456
  -56   3 299 399  97   0 777 777  98   0
  -57   2 -55  97 -81   4 -55  98 -81   5 -67   6  97  98 -96 -81
  -57   3 999


 SW55 - LOADED CELL:  5 WITH VALUE:    1, VBRELP =  7
```

```
 CELL  5 =    1
 -56 056 CONDITION AT   9,                    CONTINUE TO THE RIGHT
 SCON(  1,-81) =    5
 SCON(  1,-81) =    5
 -66 056 CONDITION AT  17,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  795
 -66 056 CONDITION AT  28,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:     5, VBRELP =  7
 SW55 - LOADED CELL:  4 WITH VALUE:   850, VBRELP =  7
 CELL 24 =    0
 CELL  5 =    5
 -56 056 CONDITION AT  48,                    CONTINUE TO THE RIGHT
 CELL 24 =    0
 CELL  5 =    5
 -56 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
 CELL 24 =    0
 CELL  5 =    5
 -56 056 CONDITION AT  68,                    CONTINUE TO THE RIGHT
 CELL 24 =    0
 CELL  4 =  850
 -56 056 CONDITION AT  78,                    CONTINUE TO THE RIGHT
 CELL 44 =  213
 CELL  5 =    5
 -56 056 CONDITION AT  88,                    CONTINUE TO THE RIGHT
 CELL 44 =  213
 CELL  5 =    5
 -56 056 CONDITION AT  98,                    CONTINUE TO THE RIGHT
 CELL 44 =  213
 CELL  5 =    5
 -56 056 CONDITION AT 108,                     CONTINUE TO THE RIGHT
 CELL 44 =  213
 CELL  4 =  850
 -56 056 CONDITION AT 118,                     CONTINUE TO THE RIGHT
 SCON(  1,-81) =    5
 SCON(  2,-81) =  795
 -66 SWITCH TEST: CONDITION TRUE AT 127
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 248

Main 40 table #176
   -56   1  93  10  99  99  56  50 122 -55   5 -81 351
   -56   1  93  10  99  99  56   5  96
   -66  93  10  99  99  56 -81   1   3 -81   1   6  60
   -66 399  56 -81  13   5 -81  11  35 -81  11  94  60
   -56   1  56 699  50   0
   -56   1 126 299   5  66
   -57   1 -55  50 123   0 -67   6  50  50 -96 -81
   -57   2
   -57   3 -55   6 -81 352
   -56   2  93  10  99  99  56   6  50   6   5
   -56   1 456 599   5  66
   -57   4 -55  50 123   0 -67   6  50  50 -96 -81
   -57   5 -55  50 -81 456 -67   6  50  50 -96 -81
   -57   6
   -56   1  56  93  10  99  99  27   0
   -66  93   7   8  99 899 -81  13   3 777 -81  11  35  60
   -57   7 -55  27  35   0
   -57   8 -55  27 -81  13
   -57  10 999


 CELL 50 =  213
 -56 056 CONDITION AT   8,                    CONTINUE TO THE RIGHT
```

SW55 - LOADED CELL: 5 WITH VALUE: 1, VBRELP = 7
CELL 5 =   1
-56 056 CONDITION AT 21,   CONTINUE TO THE RIGHT
SCON(1,-81) =   5
SCON(1,-81) =   5
-66 056 CONDITION AT 32,   CONTINUE TO THE RIGHT
SCON(13,-81) =   5
-66 SWITCH TEST: CONDITION TRUE AT 39
BRANCH TO -57 3   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 75
SW55 - LOADED CELL: 6 WITH VALUE: 1, VBRELP = 7
CELL 6 =   1
CELL 6 =   1
-56 056 CONDITION AT 90,   CONTINUE TO THE RIGHT
CELL 5 =   1
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 5   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 110
SW55 - LOADED CELL: 50 WITH VALUE: 111, VBRELP = 7
SW57 - VTR BREAK POINT, K3: 122
CELL 27 =   5
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 10   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 159
SCON(20,-81) =   0
SCON(19,-81) =   0
-66 056 CONDITION AT 49,   CONTINUE TO THE RIGHT

Main 50 table #627
  -66 699 56 -81 31 101 -81 46 101 -81 62 849 -81 62 864 -81 62 848 -81 62 851 -81 46 621 -81 46 341 -81   9
11 -81   9 21 -81   9 31 -81   9 19 -81   9 29 -81   9 39 60
  -66 699 56 -81   2 303 777 -81 213   4 777 -81 213   7 60 -55   3 -81 350
  -56   1 699 56   3 175
  -66 699 56 -81 46 319 -81 46 101 -81 19 140 60
  -66 699 56 -81 43 140 60 -55   6 -81 31 -55   5 -81 351
  -56   3 699 56   6   0 777 777   5 90 -55   1 -81   2 -55   2 -81 11 -55   8 -81 13 -55   9 -81 46
  -56   7 456 56   6   0 777 777   9   0 777 777   2 21 777 777 43   2
  -56   9 456 56   5 91 777 777   1 855 777 777   2 94 777 777   8   5 777 777   6   0
  -66 699 56 -81 60 140 -81 20 140 60
  -56   2 699 56   5 43   5 55
  -56   1 56 399 15 942
  -66 126 56 -81 31 115 777 -81   5   2 60
  -66 236 399 -81 31 115 777 -81   5   1 60
  -57   1 -44 -81 107 140   0 -54   1 -81 46 140 -48 43 -81   9
  -57   2 -44 -81 107 532   0 -54   1 -81 46 315 -48 43 -81   6
  -57   3 -55   3 -81 352
  -56   1 699 56   3 23
  -66 699 56 -81 31 115 777 -81 246   0 60
  -66 699 56 -81 239   0 -81 42 575 60
  -66 699 56 -81 62 850 -81 62 864 60
  -66 699 56 -81   1   5 60
  -66 56 699 -81 31   0 60
  -66 56 699 -81   5   1 -81   5   0 60
  -66 56 699 -81 32   0 777 -81 33   0 777 -81 35   0 777 -81 36   0 777 -81 41   0 777 -81 46   0 60
  -66 699 56 -81 11 21 -81 11 52 60
  -66 456 56 -81 13   4 -81 13   7 60
  -66 456 56 -81   2 23 -81   2 582 -81   2 327 -81   2 655 -81   2 602 -81   2 78 -81   2 702 -81   2 50 -81   2 173 -81
2 708 -81   2 749 -81   2 574 -81   2 450 -81   2 716 -81   2 297 60
  -66 56 699 -81   2 46 -81   2 49 -81   2 609 60
  -66 456 699 -81 17 58 -81 42   0 60
  -57   4 -48 43 -81   3 -44 -81 107 131   0 -54   1 -81 46 101
  -57   5 -65   0 722   1 -81
  -57   6 999

```
SCON( 31,-81) =    0
SCON( 46,-81) =    0
SCON( 62,-81) =  850
SCON( 62,-81) =  850
SCON( 62,-81) =  850
SCON( 62,-81) =  850
SCON( 46,-81) =    0
SCON( 46,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
SCON(  9,-81) =    0
-66 056 CONDITION AT  43,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =  795
-66 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  3 WITH VALUE:   851, VBRELP =  7
CELL  3  =  851
-56 056 CONDITION AT  70,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
SCON( 46,-81) =    0
SCON( 19,-81) =    0
-66 056 CONDITION AT  81,                    CONTINUE TO THE RIGHT
SCON( 43,-81) =    0
-66 056 CONDITION AT  88,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  6 WITH VALUE:    0, VBRELP =  7
SW55 - LOADED CELL:  5 WITH VALUE:    1, VBRELP =  7
CELL  6 =    0
CELL  5 =    1
-56 056 CONDITION AT 108,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  1 WITH VALUE:   795, VBRELP =  7
SW55 - LOADED CELL:  2 WITH VALUE:    89, VBRELP =  7
SW55 - LOADED CELL:  8 WITH VALUE:    5, VBRELP =  7
SW55 - LOADED CELL:  9 WITH VALUE:    0, VBRELP =  7
CELL  6 =    0
CELL  9 =    0
CELL  2 =   89
CELL 43 =    4
-56 056 CONDITION AT 142,                    CONTINUE TO THE RIGHT
CELL  5 =    1
CELL  1 =  795
CELL  2 =   89
CELL  8 =    5
CELL  6 =    0
-56 056 CONDITION AT 164,                    CONTINUE TO THE RIGHT
SCON( 60,-81) =    0
SCON( 20,-81) =    0
-66 056 CONDITION AT 172,                    CONTINUE TO THE RIGHT
CELL  5 =    1
CELL  5 =    1
-56 056 CONDITION AT 182,                    CONTINUE TO THE RIGHT
CELL 15 =    0
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 244
SW55 - LOADED CELL:  3 WITH VALUE:    1, VBRELP =  7
CELL  3 =    1
-56 056 CONDITION AT 254,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =    0
-66 056 CONDITION AT 263,                    CONTINUE TO THE RIGHT
```

```
 SCON( 39,-81) =    0
 SCON( 42,-81) =    0
 -66 056 CONDITION AT 273,                    CONTINUE TO THE RIGHT
 SCON( 62,-81) =  850
 -66 SWITCH TEST: CONDITION TRUE AT 280
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 453

Main 40 table #179
  -66 899 199 -81 246   0 -81   1  -5 -81   1   5  60
  -57   1
  -66 899  56 -81  46 319 -81  46 101 -81  19 140  60 -55   5 -81  31 -55   6 -81   5
  -66 348  56 -81  31 315 777 -81   5   2 777 -81 246 101  60
  -66 348  56 -81  13  11 777 -81  31 115  60
  -56   5 678  56   5 115 777 777  67 909 777 777   6   2
  -56   3 238  56  67 909 777 777   5 115
  -56   7  56 499 467   0 457   0  15 968  15 977  15 967  15 976  15 942
  -66  56 499 -81  46   0 777 -81  47   0  60
  -66  56 499 -81  31 315  60
  -66 348 899 -81   5   2  60
  -57   2 -44 -81 107 532   0 -48  43 -81   6 -54   1 -81  46 115
  -57   3 -44 -81 107 140   0 -54   1 -81  46 140 -48  43 -81   9
  -57   4
  -66 568  56 -81  31 115 777 -81   5   2  60
  -66 799  56 -81  31 115 777 -81 240   0  60
  -66 799 899 -81  31 115  60
  -57   5 -44 -81 107 456   0 -48  43 -81   6
  -57   6 -44 -81 107 341   0 -48  43 -81   6 -54   1 -81  46 341
  -57   7 -44 -81 107 621   0 -48  43 -81   3 -54   1 -81  46 621
  -57   8 999


 SCON( 46,-81) =    0
 SCON(  1,-81) =    5
 SCON(  1,-81) =    5
 -66 SWITCH TEST: CONDITION TRUE AT  10
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 236
 CELL 28  =  354
 -56 056 CONDITION AT  67,                    CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 19  =    1
 -56 056 CONDITION AT  80,                    CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 19  =    1
 -56 056 CONDITION AT  90,                    CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 19  =    1
 -56 056 CONDITION AT 100,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 105,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 112,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 SCON( 20,-81) =    0
 SCON( 19,-81) =    0
 -66 056 CONDITION AT 125,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:     0, VBRELP =  7
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 136,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT 143,                    CONTINUE TO THE RIGHT
 CELL 17  =    0
```

```
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 19,-81) =    0
 -66 056 CONDITION AT 156,                  CONTINUE TO THE RIGHT
 SCON( 19,-81) =    0
 -66 056 CONDITION AT 163,                  CONTINUE TO THE RIGHT
 SCON( 19,-81) =    0
 -66 056 CONDITION AT 173,                  CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 43  =    4
 CELL 36  =    0
 -56 056 CONDITION AT 189,                  CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 43  =    4
 CELL 36  =    0
 -56 056 CONDITION AT 203,                  CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 43  =    4
 CELL 36  =    0
 -56 056 CONDITION AT 217,                  CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 43  =    4
 CELL 36  =    0
 -56 056 CONDITION AT 231,                  CONTINUE TO THE RIGHT
 CELL 18  =   34
 CELL 19  =    1
 CELL 36  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57  6  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 303
 SW55 - LOADED CELL: 29 WITH VALUE:  81
 SW57 - VTR BREAK POINT, K3: 315
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  387

***** A MATCH STARTING AT   8 LEVEL   4      ON ELEMENT  9jj       tran4
Tran rule #1388, ID: 1387
(MC) AUX V .S. N = A*0 E4 MMT487
 4  (13 -1 -1)  (2 -1 -1)  (52 -1 -1)
  (1 -1 94)
   -63   2 133   1 -36  56   0 -41 100 999     0

 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

Main 30 table #2133
   -55  11 -82  11 -55  28 -82 350 -55  18 -82 351 -55  19 -82  19 -55  43 -82   3 999


 SW55 - LOADED CELL: 11 WITH VALUE:    41, VBRELP =  9
 SW55 - LOADED CELL: 28 WITH VALUE:   354, VBRELP =  9
 SW55 - LOADED CELL: 18 WITH VALUE:    34, VBRELP =  9
 SW55 - LOADED CELL: 19 WITH VALUE:     1, VBRELP =  9
 SW55 - LOADED CELL: 43 WITH VALUE:     4, VBRELP =  9

***** A MATCH STARTING AT   8 LEVEL   3      ON ELEMENT  9jj       tran4
Tran rule #1384, ID: 1383
(MC) AUX .S. V = -A*0 / SET C26 ST286 BMO0989
 3  (13 -1 -1)  (52 -1 -1)  (2 -1 -1)
   -63   0 390   1 -55   5   1   0
   -56   1   9 550   5   1 -36  56   0 -41 100 999     0   0

 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

Main 30 table #390
   -64   0 297   0
```

```
  -56   1  56 399  16 591
  -56   1 299 199  20   1
  -57   1 -55  16 592   0 -11  81 291   0 -31  11
  -57   2 -11  93 122   0 -31  11
  -57   3
  -56   1  56 499  18   0 -55  18 -83 351 -55  43 -83   3 -55  19 -83  19 -55  11 -83  11 -55  28 -83   2 -16 -81 -81 -81   0
-83
  -57   4
  -66 568 699 -83  53 912  60
  -57   5 -54   1 -83  20  30
  -57   6 -55   5 -81 350
  -56   4 899 799   5 710   5 851   5 852   5 886
  -57   7 -55  21 -81 350 -55  26 -81 351
  -57   8 999



Main 40 table #297
  -66 199 299 -81   2 897 777 -83  17 274  60
  -57   1 -54   1 -83  31 460 -54   1 -83  47 319
  -57   2 999


 SCON(  2,-81) =  894
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  24
 CELL 16  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  37
 CELL 18  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  71
 SCON( 53,-82) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  87
 SW55 - LOADED CELL:  5 WITH VALUE:   894, VBRELP =  8
 CELL  5  =  894
 CELL  5  =  894
 CELL  5  =  894
 CELL  5  =  894
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 105
 SW55 - LOADED CELL: 21 WITH VALUE:   894, VBRELP =  8
 SW55 - LOADED CELL: 26 WITH VALUE:     6, VBRELP =  8
 SW57 - VTR BREAK POINT, K3: 115
 SW55 - LOADED CELL:  5 WITH VALUE:   1
 CELL  5  =    1
 -56 CONDITION TRUE AT  13, BRANCH TO WC9
 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

***** A MATCH STARTING AT   8 LEVEL   1      ON ELEMENT  9jj       tran4
Tran rule #971, ID: 970
03 9***550**261 AUX .S. V = -A*0 / CK AUX/AUX=851 ST585 BMO0989
 1  (9 550 1)
  -42  10 261   1   3 -46 -81   0 851   0 -36  56   1 -41 100 999     0   0


***** A MATCH STARTING AT   8 LEVEL   4      ON ELEMENT  9jj       tran4
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```
Tran rule #1324, ID: 1323
03 **261 (MC/DC) WILL V = -2 / AGREEMENT/WILL NULLED ST1284 EGSP4
 4  (10 261 1)  (-1 894 -1)  (52 -1 -1)
  (2 -1 34)
   -46 -81   0 851   0
   -63   0 351   1 -31  56 -41 100 999     0

 STR1CHG:    -1       STR2CHG:     0       STR3CHG:     0

Main 30 table #351
   -36 140 -81 999


TARG_CODES: ID=    140 lang=1 MorC=2 CC=LOG ofl2a=0 ofl2b=1 ofl3a=0 ofl3b=1 pat=  0 Gender=0 WC= 0

***** A MATCH STARTING AT   8 LEVEL   2       ON ELEMENT  9jj       tran4
Tran rule #1420, ID: 1419
(MC) AUX V = -1 E4 ST1284
 2  (13 851 -1)  (2 -1 -1)
   -46 -82   3   0   0
   -63   0 414   1 -41   1 999     0   0


Main 30 table #414
   -65   0 285   0 999



Main 50 table #285
   -16 -81 -81 -81   0 -82 -31 -81
   -66 199 299 -81   2 897 777 -82  31 460  60
   -57   1 -55  21 896   0
   -57   2 999


 SCON(  2,-81) =  894
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  26

***** A MATCH STARTING AT   9 LEVEL   3       ON ELEMENT 10jj       tran4
Tran rule #382, ID: 381
V NP PUNC = -3/ GERTRG E4 CMG2/88
 3  (3 -1 96)  (1 -1 94)  (20 -1 -1)
   -63   3 449   1 -36  56   0 -41   3 999     0   0


Main 30 table #3449
   -66 124  56 -81  11  32 777 -81   2 518 777 -82   7   3  60
   -66 399  56 -82  19  91 777 -81   2 571  60
   -66 399  56 -82  19  91 777 -81   2 390  60 -55   8 -81 351
   -56   1  56 499   8  20
   -66  56 499 -81   2 569 777 -81  11  88  60
   -66 234  56 -82   1   5 777 -82   2 795  60
   -66 234 499 -82   1   5 777 -82   2 796  60
   -57   1 -54   1 -82   7   4
   -57   2 -54   1 -81  20  20
   -57   3 -16 -82 -82 -82   0 -81
   -57   4
   -66 599 699 -81  17 322 777 -83   1  19 777 -83   2 852  60
   -57   5 -54   1 -83  46 140 -54   1 -83  20 140 -44 -81 118 -83 -97
   -57   6 999
```

```
 SCON( 11,-81) =   41
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 19,-82) =    0
 -66 056 CONDITION AT  23,                    CONTINUE TO THE RIGHT
 SCON( 19,-82) =    0
 -66 056 CONDITION AT  34,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  8 WITH VALUE:    34, VBRELP =  9
 CELL  8  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 103
 SCON( 17,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 137

***** A MATCH STARTING AT   9 LEVEL   1      ON ELEMENT 10jj       tran4
Tran rule #380, ID: 379
V(ACT) = -1/ STS286 E4
 1  (3 -1 96)
   -63   1 288   1 -36  56   0 -41   1 999     0   0


Main 30 table #1288
   -55  11 -81  11 -55  28 -81   2
   -56   1 199 499  16 591
   -57   1
   -56   1 399 299  20   1
   -57   2 -55  16 592   0 -11  81 291   0
   -57   3 -11  93 122   0 -31  11
   -57   4 999


 SW55 - LOADED CELL: 11 WITH VALUE:    41, VBRELP =  9
 SW55 - LOADED CELL: 28 WITH VALUE:   354, VBRELP =  9
 CELL 16  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  41

***** A MATCH STARTING AT   9 LEVEL   2      ON ELEMENT 10jj       tran4
Tran rule #232, ID: 231
**063 (MC) V N(ACC) = -2 E4 ST286 KB1187
 2  (3 -1 -1)  (1 -1 94)
   -42  10  63   1   2 -46 -81   2 851   0 -46 -82   6   0   0
   -63   0 106   1 -31  56 -41   2 999    -1  -1


Main 30 table #106
   -64   0 275   0 -64   0 279   2 -81 -82
   -66 799  56 -82  20 140  60
   -66 699  56 -82  20 141  60 -64   0 188   2 -81 -82 -64   0 286   2 -81 -82
   -66  56 199 -81  19  38 -81  19  34 -81  19 834 -81  19 934 -81  19 838 -81  19 938  60 -64   0 269   2 -81 -82
   -57   1
   -66 599  56 -81  20 104  60
   -66 599  56 -82   2 175 777 -82  13   0  60
   -66 299  56 -81   2 571 777 -81  11  89 777 -82  19  91  60
   -66 299 399 -81   2 930 777 -81  11  54 777 -82  19  91  60
   -57   2 -16 -82 -82 -82   0 -81
   -57   3
   -66 567  56 -81  20  20 -81  20   8 -81  20  21  60 -55   5 -81 351
   -56   1 467 567   5   5
```

```
  -57   4 -64   0 271   2 -81 -82
  -57   5 -65   0 101   0
  -57   6 -55  19 -81  19
  -57   7 -64   0 183   2 -81 -82 999
```

Main 40 table #275

```
  -64   0 258   0 -55   5 -81 351
  -56   1 299 199   5  39
  -57   1 -55  29   0   0 -55  19 -81  19 -55  43 -81   3
  -57   2
  -66  56 499 -82   2 175 777 -82  13   0  60
  -66 399 499 -82  19 401 -82  19 402 -82  19 392  60
  -57   3 -54   1 -81  48  16
  -57   4 999
```

Main 40 table #258

```
  -56   1  56 299  28 705 -55   5 -82 351
  -56   1  56 299   5  90
  -66  56 299 -81  20  31  60
  -66 199 299 -82   2 180 -82   2 181 -82   2 183  60
  -57   1 -44 -81 120 496   0
  -57   2 999
```

```
 CELL 28  =  354
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  44
 SW55 - LOADED CELL:  5 WITH VALUE:    34, VBRELP =  9
 CELL  5  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  15
 SW55 - LOADED CELL: 29 WITH VALUE:   0
 SW55 - LOADED CELL: 19 WITH VALUE:     1, VBRELP =  9
 SW55 - LOADED CELL: 43 WITH VALUE:     4, VBRELP =  9
 SW57 - VTR BREAK POINT, K3:  29
 SCON(  2,-82) =   43
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  62
```

Main 40 table #279

```
  -66 125  56 -81  19  92  60
  -66 235  56 -81  19  93  60
  -66 345  56 -81  19  94  60
  -66 499 599 -81   2 312 777 -81  11  22 777 -82  13   5  60
  -57   1 -54   1 -81   3   2
  -57   2 -54   1 -81   3   3
  -57   3 -54   1 -81   3   4
  -57   4 -54   1 -82  20  91
  -57   5 999
```

```
 SCON( 19,-81) =    1
 -66 056 CONDITION AT   4,                    CONTINUE TO THE RIGHT
 SCON( 19,-81) =    1
 -66 056 CONDITION AT  11,                    CONTINUE TO THE RIGHT
 SCON( 19,-81) =    1
```

-66 056 CONDITION AT 18,   CONTINUE TO THE RIGHT
SCON(2,-81) = 354
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 5   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 65
SCON(20,-82) =   1
-66 056 CONDITION AT 14,   CONTINUE TO THE RIGHT
SCON(20,-82) =   1
-66 056 CONDITION AT 21,   CONTINUE TO THE RIGHT

Main 40 table #188
  -66 56 499 -82 19 271 60
  -66 234 56 -81 12   3 -81 12   9 60
  -66 124 56 -81   6   1 777 -82 31 223 60
  -66 124 56 -81   6   1 777 -82 31 224 60
  -66 124 56 -81   6   2 777 -82 31 226 60
  -66 124 56 -81   4   2 777 -81   5   1 777 -81   6   3 777 -82 31 220 60
  -66 124 56 -81   4   2 777 -81   5   0 777 -81   6   3 777 -82 31 220 60
  -66 124 56 -81   4   1 777 -81   5   1 777 -81   6   3 777 -82 31 221 60
  -66 124 56 -81   4   1 777 -81   5   0 777 -81   6   3 777 -82 31 221 60
  -66 124 56 -81   4   3 777 -81   5   1 777 -81   6   3 777 -82 31 222 60
  -66 124 56 -81   4   3 777 -81   5   0 777 -81   6   3 777 -82 31 222 60
  -66 124 399 -81   5   2 777 -81   6   3 777 -82 31 225 60
  -57   1 -44 -82 107 131   0 -11 83 271   0 -16 -81 -81 -81   3 271 -31 11
  -57   2 -64   0 189   2 -81 -82
  -57   3 -64   0 190   2 -81 -82
  -57   4 999

SCON(19,-82) =   0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 4   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 215

Main 40 table #286
  -66 56 399 -82 31 334 -82 31 222 60
  -66 56 399 -81   6   3 777 -81 205   2 60
  -66 123 56 -81   4   2 777 -82 31 334 60
  -66 299 399 -81   4   2 777 -82 31 222 60
  -57   1 -48 43 -82   6 -44 -82 107 771   0
  -57   2 -48 43 -82   6 -44 -82 107 536   0
  -57   3 999

SCON(31,-82) = 315
SCON(31,-82) = 315
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 3   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 66
SCON(19,-81) =   1
SCON(19,-81) =   1
SCON(19,-81) =   1
SCON(19,-81) =   1
SCON(19,-81) =   1
SCON(19,-81) =   1
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 1   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 65
SCON(20,-81) =   1
-66 056 CONDITION AT 70,   CONTINUE TO THE RIGHT
SCON(2,-82) =   43
-66 056 CONDITION AT 81,   CONTINUE TO THE RIGHT
SCON(2,-81) = 354

```
 -66 056 CONDITION AT  96,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =  354
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 123
 SCON( 20,-81) =    1
 SCON( 20,-81) =    1
 SCON( 20,-81) =    1
 -66 056 CONDITION AT 134,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  5 WITH VALUE:    34, VBRELP =  9
 CELL  5  =   34
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57  6  JUMP -57  7
 SW57 - VTR BREAK POINT, K3: 156

Main 50 table #101
   -65   0 108   2 -81 -82 -65   0 627   1 -82
   -66 699  56 -81  19 834 -81  19 934 -81  19  38 -81  19  34 -81  19 838 -81  19 938  60 -55   5 -81  19 -55   3 -81  18
   -56   1 950 747   3   4
   -56   3 127 299   5   2   5   3   5   4
   -57   1 -65   0  89   0
   -57   2 -55   5 -81   3 -55   6 -82  20
   -56   3 799  56 618  65 777 777   6  91
   -56   3 347  56   5   1 777 777 406  87
   -56   1 457  56   5   3
   -56   1 799  56   6  87
   -56   1 567 799   5   2
   -57   3 -54   1 -82  20  91 -54   1 -81  46  88
   -57   4 -54   1 -82  20  93
   -57   5 -54   1 -82  20  92
   -57   6 -64   0 277   2 -81 -82
   -57   7 999



Main 50 table #108
   -66 199  56 -81   2 930 777 -82  19  91  60
   -66 199 299 -81  11  89 777 -81   2 571 777 -82  19  91  60
   -57   1 -16 -82 -82 -82   0 -81 -54   1 -82  20  91
   -57   2 999


 SCON(  2,-81) =  354
 -66 056 CONDITION AT   8,                    CONTINUE TO THE RIGHT
 SCON( 11,-81) =   41
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  40

Main 50 table #627
   -66 699  56 -82  31 101 -82  46 101 -82  62 849 -82  62 864 -82  62 848 -82  62 851 -82  46 621 -82  46 341 -82   9
11 -82   9  21 -82   9  31 -82   9  19 -82   9  29 -82   9  39  60
   -66 699  56 -82   2 303 777 -82 213   4 777 -82 213   7  60 -55   3 -82 350
   -56   1 699  56   3 175
   -66 699  56 -82  46 319 -82  46 101 -82  19 140  60
   -66 699  56 -82  43 140  60 -55   6 -82  31 -55   5 -82 351
   -56   3 699  56   6   0 777 777   5  90 -55   1 -82   2 -55   2 -82  11 -55   8 -82  13 -55   9 -82  46
   -56   7 456  56   6   0 777 777   9   0 777 777   2  21 777 777  43   2
   -56   9 456  56   5  91 777 777   1 855 777 777   2  94 777 777   8   5 777 777   6   0
   -66 699  56 -82  60 140 -82  20 140  60
   -56   2 699  56   5  43   5  55
   -56   1  56 399  15 942
   -66 126  56 -82  31 115 777 -82   5   2  60
```

```
  -66 236 399 -82  31 115 777 -82   5   1  60
  -57   1 -44 -82 107 140   0 -54   1 -82  46 140 -48  43 -82   9
  -57   2 -44 -82 107 532   0 -54   1 -82  46 315 -48  43 -82   6
  -57   3 -55   3 -82 352
  -56   1 699  56   3  23
  -66 699  56 -82  31 115 777 -82 246   0  60
  -66 699  56 -82 239   0 -82  42 575  60
  -66 699  56 -82  62 850 -82  62 864  60
  -66 699  56 -82   1   5  60
  -66  56 699 -82  31   0  60
  -66  56 699 -82   5   1 -82   5   0  60
  -66  56 699 -82  32   0 777 -82  33   0 777 -82  35   0 777 -82  36   0 777 -82  41   0 777 -82  46   0  60
  -66 699  56 -82  11  21 -82  11  52  60
  -66 456  56 -82  13   4 -82  13   7  60
  -66 456  56 -82   2  23 -82   2 582 -82   2 327 -82   2 655 -82   2 602 -82   2  78 -82   2 702 -82   2  50 -82   2 173 -82
2 708 -82   2 749 -82   2 574 -82   2 450 -82   2 716 -82   2 297  60
  -66  56 699 -82   2  46 -82   2  49 -82   2 609  60
  -66 456 699 -82  17  58 -82  42   0  60
  -57   4 -48  43 -82   3 -44 -82 107 131   0 -54   1 -82  46 101
  -57   5 -65   0 722   1 -82
  -57   6 999


 SCON( 31,-82) =  315
 SCON( 46,-82) =    0
 SCON( 62,-82) =    0
 SCON( 62,-82) =    0
 SCON( 62,-82) =    0
 SCON( 62,-82) =    0
 SCON( 46,-82) =    0
 SCON( 46,-82) =    0
 SCON(  9,-82) =    0
 SCON(  9,-82) =    0
 SCON(  9,-82) =    0
 SCON(  9,-82) =    0
 SCON(  9,-82) =    0
 SCON(  9,-82) =    0
 -66 056 CONDITION AT  43,                    CONTINUE TO THE RIGHT
 SCON(  2,-82) =   43
 -66 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  3 WITH VALUE:    43, VBRELP = 10
 CELL  3  =   43
 -56 056 CONDITION AT  70,                    CONTINUE TO THE RIGHT
 SCON( 46,-82) =    0
 SCON( 46,-82) =    0
 SCON( 19,-82) =    0
 -66 056 CONDITION AT  81,                    CONTINUE TO THE RIGHT
 SCON( 43,-82) =    0
 -66 056 CONDITION AT  88,                    CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  6 WITH VALUE:   315, VBRELP = 10
 SW55 - LOADED CELL:  5 WITH VALUE:    30, VBRELP = 10
 CELL  6  =  315
 CELL  5  =   30
 -56 056 CONDITION AT 108,                     CONTINUE TO THE RIGHT
 SW55 - LOADED CELL:  1 WITH VALUE:    43, VBRELP = 10
 SW55 - LOADED CELL:  2 WITH VALUE:    43, VBRELP = 10
 SW55 - LOADED CELL:  8 WITH VALUE:    11, VBRELP = 10
 SW55 - LOADED CELL:  9 WITH VALUE:     0, VBRELP = 10
 CELL  6  =  315
 CELL  9  =    0
 CELL  2  =   43
 CELL 43  =    4
 -56 056 CONDITION AT 142,                     CONTINUE TO THE RIGHT
```

```
CELL  5 =   30
CELL  1 =   43
CELL  2 =   43
CELL  8 =   11
CELL  6 =  315
-56 056 CONDITION AT 164,                    CONTINUE TO THE RIGHT
SCON( 60,-82) =    0
SCON( 20,-82) =    1
-66 056 CONDITION AT 172,                    CONTINUE TO THE RIGHT
CELL  5 =   30
CELL  5 =   30
-56 056 CONDITION AT 182,                    CONTINUE TO THE RIGHT
CELL 15 =    0
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 244
SW55 - LOADED CELL:  3 WITH VALUE:     1, VBRELP = 10
CELL  3 =    1
-56 056 CONDITION AT 254,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =  315
-66 056 CONDITION AT 263,                    CONTINUE TO THE RIGHT
SCON( 39,-82) =    0
SCON( 42,-82) =    0
-66 056 CONDITION AT 273,                    CONTINUE TO THE RIGHT
SCON( 62,-82) =    0
SCON( 62,-82) =    0
-66 056 CONDITION AT 283,                    CONTINUE TO THE RIGHT
SCON(  1,-82) =    1
-66 056 CONDITION AT 290,                    CONTINUE TO THE RIGHT
SCON( 31,-82) =  315
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 453
SCON( 19,-81) =    1
SCON( 19,-81) =    1
SCON( 19,-81) =    1
SCON( 19,-81) =    1
SCON( 19,-81) =    1
SCON( 19,-81) =    1
-66 056 CONDITION AT  30,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  9
SW55 - LOADED CELL:  3 WITH VALUE:     1, VBRELP =  9
CELL  3 =    1
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  5 =    1
CELL  5 =    1
CELL  5 =    1
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3:  64
SW55 - LOADED CELL:  5 WITH VALUE:     4, VBRELP =  9
SW55 - LOADED CELL:  6 WITH VALUE:     1, VBRELP = 10
CELL 18 =   34
CELL  6 =    1
-56 056 CONDITION AT  82,                    CONTINUE TO THE RIGHT
CELL  5 =    4
CELL  6 =    1
-56 056 CONDITION AT  92,                    CONTINUE TO THE RIGHT
CELL  5 =    4
-56 056 CONDITION AT  98,                    CONTINUE TO THE RIGHT
CELL  6 =    1
-56 056 CONDITION AT 104,                    CONTINUE TO THE RIGHT
CELL  5 =    4
```

```
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  7   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 146
 SW57 - VTR BREAK POINT, K3: 162
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  168
 SW57 - VTR BREAK POINT, K3: 168

Main 40 table #183
   -66 499  56 -82  31 315 777 -82   5   2 777 -82  46   0  60
   -66  56 599 -82  31 115 777 -82  46   0 777 -81  31   0  60 -55   6 -82   5
   -56   3 499  56  15 446 777 777   6   2
   -56   1 235  56  15 446
   -66 345  56 -81   2 162 777 -82   5   2  60
   -66 345  56 -81   2 162 777 -82  13  11  60
   -66 125  56 -81   2 162  60
   -66 235  56 -81   2 814 -81   2 596  60
   -66 345  56 -81   2 130 777 -82   5   2  60
   -66 345  56 -81   2 130 777 -82  13  11  60
   -66 125  56 -81   2 130  60 -55   5 -81 351 -55   7 -81   2 -55   8 -82  13 -55   9 -82  40
   -56   5 235  56   5  20 777 777   7 778 777 777   9   0
   -56   5 235  56   5  20 777 777   7 611 777 777   9   0
   -56   1  56 599   5  20
   -56   1 345  56   8  11
   -56   1 345 125   6   2
   -57   1 -44 -82 107 621   0 -54   1 -82  46 621 -48  43 -82   3
   -57   2 -44 -82 107 341   0 -54   1 -82  46 341 -48  43 -82   6
   -57   3 -44 -82 107 456   0 -54   1 -82  46 456 -48  43 -82   3
   -57   4 -44 -82 107 140   0 -54   1 -82  46 140 -48  43 -82   9
   -57   5 999


 SCON( 31,-82) =  315
 SCON(  5,-82) =    0
 -66 056 CONDITION AT  12,                    CONTINUE TO THE RIGHT
 SCON( 31,-82) =  315
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 245

***** A MATCH STARTING AT   9 LEVEL   1       ON ELEMENT 10jj       tran4
Tran rule #96, ID: 95
(MC) V(FUT) = -1 ST985 EGSP4
 1  (2 851 34)
   -63   0  28   1 999    -1  -1


Main 30 table #28
   -66 123 299 -81  19 140  60
   -57   1  -1 140
   -57   2 -65   0 241   0
   -57   3 999


 SCON( 19,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  12

Main 50 table #241
   -55   9 -81  56
   -56   9 950 585  21 893 777 777 450 111 777 777 450 122 777 777 450 121 777 777 409 140
   -56   3 950 585  21 893 777 777  67 909 -55   5 -81  20
   -56   1 950 839   5 140 -55   4 -81  53
```

```
  -56   1 950 585   4 912 -55   3 -81  19
  -56   1 950 575   3  65
  -56   1 950 576   3  66
  -56   1 950 518   3  54 -65 100 501   0  -1   0 999


 SW55 - LOADED CELL:  9 WITH VALUE:     0, VBRELP =  9
 CELL 21  =  894
 CELL 50  =  111
 CELL 50  =  111
 CELL 50  =  111
 CELL  9  =    0
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL 21  =  894
 CELL 67  =    0
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP =  9
 CELL  5  =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SW55 - LOADED CELL:  4 WITH VALUE:     0, VBRELP =  9
 CELL  4  =    0
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SW55 - LOADED CELL:  3 WITH VALUE:     1, VBRELP =  9
 CELL  3  =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL  3  =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL  3  =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR

Main 50 table #501
  -64   0  80   1 -81
  -66 950 840 -81  59 336  60 -55   3 -81  12
  -56   2 126  56   3   3   3   5
  -56   1 236  56   3   4
  -56   1 347  56   3   7
  -56   1 457  56   3   8
  -56   1 567 699   3   9
  -57   1 -11  81 271   0 -16   1 -81 -81   3 271
  -57   2 -11  81 271   0 -16   1 -81 -81   4 271
  -57   3 -11  92 -38   4  -1   0 -11  82 330   0 -16 -81 -81 -81   1 330
  -57   4 -11  92 -38   4  -1   0 -11  82 330   0 -16 -81 -81 -81   1 330 -11  81 271   0 -16   1 -81 -81   3 271
  -57   5 -11  92 -38   4  -1   0 -11  82 330   0 -16 -81 -81 -81   1 330 -11  81 271   0 -16   1 -81 -81   4 271
  -57   6 -11  82 -38   1  -1   0
  -57   7 -11  91 -27 -81
  -57   8
  -66 950 514 -81  48  16  60
  -66 950 517 -81  48  19  60 999



Main 40 table #80
  -66 399  56 -81  60 140 -81  59   0  60
  -66 123  56 -81  15   1 -81  15   2  60
  -66 123  56 -81  59   9 -81  59  13 -81  59  14 -81  59  15 -81  59  16 -81  59  32  60
  -66 123  56 -81  59  33 -81  59  34 -81  59  35 -81  59  36 -81  59  37 -81  59  38  60
  -66 123  56 -81  59  39 -81  59  40 -81  59  41 -81  59  42 -81  59  43 -81  59  44  60
  -66 123  56 -81  59  45 -81  59  46 -81  59  48 -81  59  49 -81  59  58 -81  59  66  60
  -66 123  56 -81  59  80 -81  59 100 -81  59 121 -81  59 130 -81  59 133 -81  59 136  60
  -66 123  56 -81  59 150 -81  59 151 -81  59 152 -81  59 153 -81  59 154 -81  59 155  60
  -66 123  56 -81  59 156 -81  59 157 -81  59 169 -81  59 171 -81  59 181 -81  59 182  60
  -66 123  56 -81  59 267 -81  59 269 -81  59 271 -81  59 273 -81  59 278 -81  59 281  60
  -66 123  56 -81  59 283 -81  59 287 -81  59 289 -81  59 290 -81  59 291 -81  59 293  60
```

```
 -66 123  56 -81  59 296 -81  59 301 -81  59 303 -81  59 306 -81  59 308 -81  59 309  60
 -66 123  56 -81  59 310 -81  59 311 -81  59 316 -81  59 319 -81  59 325 -81  59 328  60
 -66 123 299 -81  59 510 -81  59 530 -81  59 543 -81  59 544 -81  59 545  60
 -57   1 -54   1 -81  59 336 -55  59 336   0
 -57   2 -64   0 393   1 -81
 -57   3 999


SCON( 60,-81) =    0
SCON( 59,-81) =  187
-66 056 CONDITION AT   7,                    CONTINUE TO THE RIGHT
SCON( 15,-81) =    0
SCON( 15,-81) =    0
-66 056 CONDITION AT  17,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT  39,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT  61,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT  83,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 105,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 127,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 149,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 171,                    CONTINUE TO THE RIGHT
```

SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 193, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 215, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 237, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 259, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 293

Main 40 table #393
-66 199 56 -81 59 188 -81 59 189 -81 59 196 -81 59 203 -81 59 205 -81 59 206 60
-66 199 56 -81 59 207 -81 59 209 -81 59 210 -81 59 229 -81 59 231 -81 59 237 60
-66 199 56 -81 59 240 -81 59 246 -81 59 248 -81 59 250 -81 59 253 -81 59 256 60
-66 199 56 -81 59 330 -81 59 331 -81 59 333 -81 59 338 -81 59 340 -81 59 343 60
-66 199 56 -81 59 346 -81 59 348 -81 59 350 -81 59 352 -81 59 355 -81 59 358 60
-66 199 56 -81 59 360 -81 59 363 -81 59 365 -81 59 368 -81 59 371 -81 59 375 60
-66 199 56 -81 59 378 -81 59 384 -81 59 387 -81 59 388 -81 59 389 -81 59 391 60
-66 199 56 -81 59 394 -81 59 396 -81 59 397 -81 59 398 -81 59 399 -81 59 400 60
-66 199 56 -81 59 401 -81 59 402 -81 59 403 -81 59 405 -81 59 406 -81 59 407 60
-66 199 56 -81 59 408 -81 59 409 -81 59 410 -81 59 413 -81 59 438 -81 59 430 60
-66 199 56 -81 59 435 -81 59 436 -81 59 439 -81 59 441 -81 59 442 -81 59 444 60
-66 199 56 -81 59 445 -81 59 447 -81 59 448 -81 59 450 -81 59 451 -81 59 452 60
-66 199 56 -81 59 454 -81 59 456 -81 59 459 -81 59 462 -81 59 480 -81 59 481 60
-66 199 56 -81 59 139 -81 59 199 -81 59 234 -81 59 243 -81 59 259 -81 59 299 60
-66 199 299 -81 59 313 -81 59 322 -81 59 596 -81 59 602 -81 59 643 60
-57   1 -54   1 -81 59 336 -55 59 336   0
-57   2 999

SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187

-66 056 CONDITION AT 19, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 41, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 63, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 85, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 107, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 129, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 151, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 173, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
-66 056 CONDITION AT 195, CONTINUE TO THE RIGHT
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187
SCON(59,-81) = 187

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-66 056 CONDITION AT 217,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 239,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 261,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 283,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 056 CONDITION AT 305,                    CONTINUE TO THE RIGHT
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
SCON( 59,-81) =  187
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 339
SW57 - VTR BREAK POINT, K3: 300
SCON( 59,-81) =  187
-66 CONDITION FALSE, CONTINUE THIS VTR
SW55 - LOADED CELL:  3 WITH VALUE:     1, VBRELP =  9
CELL  3 =    1
CELL  3 =    1
-56 056 CONDITION AT  23,                    CONTINUE TO THE RIGHT
CELL  3 =    1
-56 056 CONDITION AT  29,                    CONTINUE TO THE RIGHT
CELL  3 =    1
-56 056 CONDITION AT  35,                    CONTINUE TO THE RIGHT
CELL  3 =    1
-56 056 CONDITION AT  41,                    CONTINUE TO THE RIGHT
CELL  3 =    1
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 147
SW57 - VTR BREAK POINT, K3: 155
SW57 - VTR BREAK POINT, K3: 161
SCON( 48,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 48,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT  10 LEVEL   2       ON ELEMENT 12jj       tran4
Tran rule #689, ID: 688
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```
(MC) N PUNC(CB) = -2(SIC?) / (MC)CHAIN JV582 EGSP4
 2  (6 -1 -1)  (20 -1 -1)
  -63   1 948   3 -46 -82  16   0   0 -46 -81   1 851   0 -41   2 999     0   0


Main 30 table #1948
  -64   0 357   2 -81 -82 -64   0 382   2 -81 -82
  -66 127  56 -81   2 733 777 -81  31 102 777 -82   2 887 777 -81 205   2  60
  -66 457  56 -82   2 947  60 -55   5 -81 351
  -56   1  56 399   5  50
  -66 235  56 -81   2 596 777 -81  11  90 777 -82   2 968  60
  -66 456 399 -82  11  20 -82   1  20  60
  -57   1 -44 -81 107 140   0 -36 750 -81 -13 -81
  -57   2 -32 -99   8 -36 933 -81 -13 -81 -64   0  83   0 122   0
  -57   3
  -66 599  56 -82   2 410  60
  -66 567  56 -81   2 873  60
  -66 699  56 -82 246   0  60
  -66 457  56 -82  11  20  60
  -66 499  56 -82   2   1 -82   2 909 -82   2 186 -82   2 185 -82   2 189 -82   2 887  60
  -66 499  56 -82   2 886 -82   2 884 -82   2   5 -82   2 866 -82   2 386 -82   2 877  60
  -66 499  56 -82   2 885 -82   2 387 -82   2 777 -82   2 130 -82   2 826  60
  -66 499  56 -82   2 829 -82   2 830  60
  -66  56 799 -82   2 850  60
  -66 457 799 -81  45   2 -81  12   2  60
  -57   4 -54   1 -82  46 140
  -57   5 -54   1 -81  48  16
  -57   6 -54   1 -82   4 -81 -54   1 -82   5 -81
  -57   7
  -66  56 899 -82   2 888  60 -55   5 -81 351
  -56   1 899  56   5  53
  -56   1  56 899 505  85
  -56   2  56 899  18   5  18  35 -54   1 -82  82   0 -54   1 -82  83  21
  -57   8 999


Main 40 table #357
  -55   5 -81 351
  -56   1  56 299   5  43
  -66 126 299 -81   2 274 777 -81   1   6 777 -82   1  19 777 -82   2 911  60
  -57   1 -36 673 -81
  -57   2
  -66 346 499 -81  13  12 777 -81   2 945 777 -82   2 915 777 -82  60 309  60
  -57   3 -54   1 -82  46 309 -33 -81
  -57   4
  -66  56 699 -82   2 887  60
  -66  56 699 -81   1  11 -81   1  13 -81   1   3  60
  -66 599 699 -81   2 481 -81   2 945 -81   2 703 -81   2 132 -81   2 159 -81   2 522  60
  -57   5 -54   1 -81  20  93
  -57   6 999


 SW55 - LOADED CELL:  5 WITH VALUE:    30, VBRELP = 10
 CELL  5  =   30
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  35
 SCON( 13,-81) =   11
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  65
 SCON(  2,-82) =   10
```

-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 6   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 116

Main 40 table #382
  -66 199 299 -81 46 144 60
  -57   1 -54   1 -82 46 144
  -57   2 999

SCON(46,-81) =   0
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 2   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 15
SCON(2,-81) =   43
-66 056 CONDITION AT 28,   CONTINUE TO THE RIGHT
SCON(2,-82) =   10
-66 056 CONDITION AT 35,   CONTINUE TO THE RIGHT
SW55 - LOADED CELL: 5 WITH VALUE: 30, VBRELP = 10
CELL 5 =   30
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 3   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 102
SCON(2,-82) =   10
-66 056 CONDITION AT 107,   CONTINUE TO THE RIGHT
SCON(2,-81) =   43
-66 056 CONDITION AT 114,   CONTINUE TO THE RIGHT
SCON(46,-82) =   0
-66 056 CONDITION AT 121,   CONTINUE TO THE RIGHT
SCON(11,-82) =   0
-66 056 CONDITION AT 128,   CONTINUE TO THE RIGHT
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
-66 056 CONDITION AT 150,   CONTINUE TO THE RIGHT
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
-66 056 CONDITION AT 172,   CONTINUE TO THE RIGHT
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
SCON(2,-82) =   10
-66 056 CONDITION AT 191,   CONTINUE TO THE RIGHT
SCON(2,-82) =   10
SCON(2,-82) =   10
-66 056 CONDITION AT 201,   CONTINUE TO THE RIGHT
SCON(2,-82) =   10
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 7   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 248
SCON(2,-82) =   10
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57 8   EXECUTE UNTIL -57 99 JUMP -57 99
SW57 - VTR BREAK POINT, K3: 291

***** A MATCH STARTING AT 10 LEVEL   1   ON ELEMENT 12jj   tran4
Tran rule #37, ID: 36
(MC) N(D.O.) = (N) MD ST586 EGSP4
 1 (1 851 94)
  -63   0   9   1 999   -1 -1

Main 30 table #9
  -64   0 252   1 -81 -64   0 281   1 -81 -64   0 392   1 -81
  -66 128 56 -81 20 140 60
  -66 950 901 -81   2 175 777 -81 13   0 60 -55   5 -81 20
  -56   3 348 56 19   2 777 777   5 141
  -56   3 348 56 19   3 777 777   5 141
  -56   3 348 56 19   4 777 777   5 141
  -66 236 499 -81 13 15 60
  -57   1 -11 99 -1   0 -31 11
  -57   2 -64   0 88   1 -81
  -57   3 -65   0 962   0
  -57   4
  -66 599 699 -81 60 488 777 -81   1 16 777 -81   2 123 60
  -57   5 -36 532 -81
  -57   6 -65   0 227   0
  -57   7
  -66 56 899 -81   2 454 -81   2 286 -81   2 590 -81   2 582 -81   2 415 -81   2 496 -81   2 631 60 -55 24 -81 456
  -57   8
  -66 950 514 -81 48 16 60
  -66 950 517 -81 48 19 60 999

Main 40 table #252
  -55   5 -81 351
  -56   1 399 56   5 96
  -66 399 56 -81   1   3 -81   1   6 60
  -66 399 56 -81   2 175 777 -81 13   0 60 -55   5 -81 13 -55   4 -81 62
  -56   3 399 56 424   0 777 777   5   6
  -56   3 399 56 424   0 777 777   5   4
  -56   3 399 56 424   0 777 777   5   7
  -56   3 399 56 424   0 777 777   4 864
  -56   3 399 56 444   0 777 777   5   6
  -56   3 399 56 444   0 777 777   5   4
  -56   3 399 56 444   0 777 777   5   7
  -56   3 399 56 444   0 777 777   4 864
  -66 399 56 -81   1   5 777 -81 202 303 60
  -66 399 56 -81   1 11 -81   1 13 60 -55   1 -81 351
  -56   1 399 56   1 66 -55   5 -81 352
  -56   1 56 399 505 71
  -66 399 56 -81   4   0 60
  -66 399 56 -81   2 350 777 -81 11   0 60
  -56   1 399 56 37 117
  -66 399 56 -81   5   2 -81   2 865 60
  -66 399 56 -81 46 293 -81 60 293 60
  -66 399 199 -81 13   5 777 -81 211 94 60
  -57   1 -55 24 -81 456
  -56   3 299 399 97   0 777 777 98   0
  -57   2 -55 97 -81   4 -55 98 -81   5 -67   6 97 98 -96 -81
  -57   3 999

 SW55 - LOADED CELL: 5 WITH VALUE: 30, VBRELP = 10
 CELL 5 =   30
 -56 056 CONDITION AT   9,   CONTINUE TO THE RIGHT
 SCON(1,-81) =   1

```
SCON(  1,-81) =    1
-66 056 CONDITION AT  17,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =   43
-66 056 CONDITION AT  28,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:    11, VBRELP = 10
SW55 - LOADED CELL:  4 WITH VALUE:     0, VBRELP = 10
CELL 24  =    0
CELL  5  =   11
-56 056 CONDITION AT  48,                    CONTINUE TO THE RIGHT
CELL 24  =    0
CELL  5  =   11
-56 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
CELL 24  =    0
CELL  5  =   11
-56 056 CONDITION AT  68,                    CONTINUE TO THE RIGHT
CELL 24  =    0
CELL  4  =    0
-56 056 CONDITION AT  78,                    CONTINUE TO THE RIGHT
CELL 44  =  213
CELL  5  =   11
-56 056 CONDITION AT  88,                    CONTINUE TO THE RIGHT
CELL 44  =  213
CELL  5  =   11
-56 056 CONDITION AT  98,                    CONTINUE TO THE RIGHT
CELL 44  =  213
CELL  5  =   11
-56 056 CONDITION AT 108,                    CONTINUE TO THE RIGHT
CELL 44  =  213
CELL  4  =    0
-56 056 CONDITION AT 118,                    CONTINUE TO THE RIGHT
SCON(  1,-81) =    1
-66 056 CONDITION AT 127,                    CONTINUE TO THE RIGHT
SCON(  1,-81) =    1
SCON(  1,-81) =    1
-66 056 CONDITION AT 137,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  1 WITH VALUE:    30, VBRELP = 10
CELL  1  =   30
-56 056 CONDITION AT 149,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP = 10
CELL  5  =    1
-56 056 CONDITION AT 159,                    CONTINUE TO THE RIGHT
SCON(  4,-81) =    1
-66 056 CONDITION AT 164,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =   43
-66 056 CONDITION AT 175,                    CONTINUE TO THE RIGHT
CELL 37  =    0
-56 056 CONDITION AT 183,                    CONTINUE TO THE RIGHT
SCON(  5,-81) =    0
SCON(  2,-81) =   43
-66 056 CONDITION AT 191,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
SCON( 60,-81) =    0
-66 056 CONDITION AT 201,                    CONTINUE TO THE RIGHT
SCON( 13,-81) =   11
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 216
SW55 - LOADED CELL: 24 WITH VALUE:   113, VBRELP = 10
CELL 97  =    0
CELL 98  =    0
-56 SWITCH TEST: CONDITION TRUE AT 230
BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 232
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 SW55 - LOADED CELL: 97 WITH VALUE:     1, VBRELP = 10
 SW55 - LOADED CELL: 98 WITH VALUE:     0, VBRELP = 10
 SW57 - VTR BREAK POINT, K3: 248

Main 40 table #281
   -66 599  56 -81   2 175 777 -81  13   0  60
   -56   1 199  56  50   0
   -56   2 599  56  27   5  27  35
   -56   1 599  56  50 122
   -66 199 599 -81  13   5 -81  11  94  60
   -57   1 -55   5 -81 351
   -56   1 235 399   5  66
   -57   2 -55  50 123   0 -67   6  50  50 -96 -81
   -57   3
   -66 499 599 -81  13   5 -81  11  35 -81  11  94  60
   -57   4 -55  50 -81 456 -67   6  50  50 -96 -81
   -57   5 999


 SCON(  2,-81) =   43
 -66 056 CONDITION AT   8,                      CONTINUE TO THE RIGHT
 CELL 50  =  111
 -56 056 CONDITION AT  16,                      CONTINUE TO THE RIGHT
 CELL 27  =    5
 -56 SWITCH TEST: CONDITION TRUE AT  22
 BRANCH TO -57  5   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  93

Main 40 table #392
   -66 199 299 -81   1  18 777 -81   2 103 777 -81   4   0  60
   -57   1 -54   1 -81   4   3 -54   1 -81   6   3
   -57   2 999


 SCON(  1,-81) =    1
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  28
 SCON( 20,-81) =    1
 -66 056 CONDITION AT  19,                      CONTINUE TO THE RIGHT
 SCON(  2,-81) =   43
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP = 10
 CELL 19  =    1
 CELL  5  =    1
 -56 056 CONDITION AT  46,                      CONTINUE TO THE RIGHT
 CELL 19  =    1
 CELL  5  =    1
 -56 056 CONDITION AT  56,                      CONTINUE TO THE RIGHT
 CELL 19  =    1
 CELL  5  =    1
 -56 056 CONDITION AT  66,                      CONTINUE TO THE RIGHT
 SCON( 13,-81) =   11
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  96
 SCON( 60,-81) =    0
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  6   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 118

Main 50 table #227
   -55   1 -81  20
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```
  -56   7 950 954   1  52 777 777 419   2 777 777 419   3 777 777 419   4
  -56   3 950 720 618  55 777 777  19   2
  -56   3 950 720 618  55 777 777  19   3
  -56   3 950 720 618  55 777 777  19   4
  -66 678  56 -81  20 140  60
  -66 950 650 -81  20 141  60
  -66 950 901 -81   2 175 777 -81  13   0  60 -65   0 951   1 -81
  -66 950 721 -81  19  90  60
  -66 128  56 -81  20  81  60
  -66 950 707 -81  20  90  60 -65   0 107   1 -81 -55  57   0   0
  -66 950 629 -81  20 291  60 -55   3 -81  19 -55   5 -81  20 -55   6 -81  11
  -66 678  56 -81  19 140 -81  20 140  60
  -66 568  56 -81  20 100 -81  20 101 -81  20 102 -81  20 103  60 -55   7 -81  13
  -56  11 950 799   6  89 777 777 407   4 777 777 407   7 777 777 405  52 777 777 405  53 777 777 405  54
  -56   3 950 553   5  82   5  83   5  84
  -56   3 950 797   5  52   5  53   5  54
  -56   3 238  56   3  92  43   2  43   6
  -56   3 348  56   3  93   5  93   5  83
  -56   1 128  56   5  91
  -66 950 626 -81  20  87  60
  -56   1 238  56   5  92
  -56   3 128  56  11  60 777 777   5   0
  -56   3 128  56  11  60 777 777   5   1
  -66 348  56 -81  20   0 777 -81  19   0 777 -81   7   3  60
  -56   2 348 458  43   3  43   7
  -57   1 -55  29  88   0 -11  88 -38   1  -1   0
  -57   2 -55  29  88   0 -65   0 105   0
  -57   3 -55  29  83   0 -55  43   0   0 -11  83 -38   3  -1   0
  -57   4 -55  29  88   0 -11  88 -38   4  -1   0
  -57   5 -55  29  91   0 -11  91 122   0 149   0 -38   1  -1   0
  -57   6 -65   0 951   1 -81 -11  99  -1   0
  -57   7 -55  29  88   0 -31 -81 -11  88 302   0 -16 -81 -81 -81   4 302
  -57   8
  -66 950 514 -81  48  16  60
  -66 950 517 -81  48  19  60 999


 SW55 - LOADED CELL:  1 WITH VALUE:     1, VBRELP = 10
 CELL  1 =    1
 CELL 19 =    1
 CELL 19 =    1
 CELL 19 =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL 18 =   34
 CELL 19 =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL 18 =   34
 CELL 19 =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 CELL 18 =   34
 CELL 19 =    1
 -56 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 20,-81) =    1
 -66 056 CONDITION AT  56,                      CONTINUE TO THE RIGHT
 SCON( 20,-81) =    1
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON(  2,-81) =   43
 -66 CONDITION FALSE, CONTINUE THIS VTR

Main 50 table #951
  -56   1 399  56  22 303
  -56   1  56 399  13   0
  -66 399  56 -81   2 175 777 -81   1  16  60 -55   5 -81 352
```

```
 -56   1  56 399 505  71
 -66 399  56 -81   4   0  60
 -56   1 399  56  37 117
 -66 399  56 -81   2 350 777 -81  11   0  60
 -66 399  56 -81  13   5 777 -81 211  51 777 -81 211  94  60 -55   5 -81   2 -55   6 -81   1 -55   7 -81  13
 -56   5 399  56   5 303 777 777   6   5 777 777  13   0
 -56   3 399  56   7   5 777 777   6   5
 -56   3 399  56   5 102 777 777   6   5
 -66 399  56 -81  46 293 -81  60 293  60
 -66 399 199 -81   5   2 -81   2 865  60
 -57   1 -55  13 -81   4
 -56   3 299 399  97   0 777 777  98   0
 -57   2 -55  97 -81   4 -55  98 -81   5 -67   6  97  98 -96 -81
 -57   3 999


CELL 22  =    0
-56 056 CONDITION AT   5,                    CONTINUE TO THE RIGHT
CELL 13  =    0
-56 056 CONDITION AT  11,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =   43
-66 056 CONDITION AT  20,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP = 10
CELL  5  =    1
-56 056 CONDITION AT  32,                    CONTINUE TO THE RIGHT
SCON(  4,-81) =    1
-66 056 CONDITION AT  37,                    CONTINUE TO THE RIGHT
CELL 37  =    0
-56 056 CONDITION AT  45,                    CONTINUE TO THE RIGHT
SCON(  2,-81) =   43
-66 056 CONDITION AT  54,                    CONTINUE TO THE RIGHT
SCON( 13,-81) =   11
-66 056 CONDITION AT  69,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:    43, VBRELP = 10
SW55 - LOADED CELL:  6 WITH VALUE:     1, VBRELP = 10
SW55 - LOADED CELL:  7 WITH VALUE:    11, VBRELP = 10
CELL  5  =   43
CELL  6  =    1
CELL 13  =    0
-56 056 CONDITION AT  97,                    CONTINUE TO THE RIGHT
CELL  7  =   11
CELL  6  =    1
-56 056 CONDITION AT 107,                    CONTINUE TO THE RIGHT
CELL  5  =   43
CELL  6  =    1
-56 056 CONDITION AT 117,                    CONTINUE TO THE RIGHT
SCON( 46,-81) =    0
SCON( 60,-81) =    0
-66 056 CONDITION AT 125,                    CONTINUE TO THE RIGHT
SCON(  5,-81) =    0
SCON(  2,-81) =   43
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 139
SW55 - LOADED CELL: 13 WITH VALUE:     1, VBRELP = 10
CELL 97  =    1
CELL 98  =    0
-56 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 171
SCON( 19,-81) =    0
-66 CONDITION FALSE, CONTINUE THIS VTR
SCON( 20,-81) =    1
```

```
-66 056 CONDITION AT  93,                    CONTINUE TO THE RIGHT
SCON( 20,-81) =    1
-66 CONDITION FALSE, CONTINUE THIS VTR

Main 50 table #107
  -57   1
  -66 899  56 -81 246   0 -81 247   0 -81  20 140 -81  19 140 -81   1   5 -81   1  -5  60 -55   5 -81  31 -55   6 -81   5
  -66 238  56 -81  31 115 777 -81  35 153 777 -81 205   2  60
  -56   5 348  56  15 446 777 777   5 115 777 777   6   2
  -66 799  56 -81  31 115 777 -81  82 814  60
  -56   5 348  56  15 928 777 777   5 115 777 777   6   2
  -56   3 238  56  15 446 777 777   5 115
  -66 348  56 -81  31 115 777 -81   2 123  60
  -66 348  56 -81  31 115 777 -81  35 153  60
  -66 238  56 -81  31 315 777 -81   2 733 777 -81   5   2 777 -81  46   0 777 -81  20   0  60
  -66 348  56 -81  31 315 777 -81   5   2 777 -81 246 101 777 -81  20   0  60
  -66  56 899 -81  31 115  60
  -56   3 799  56  67 909 777 777   6   2
  -56   1 238  56  67 909
  -66 348  56 -81  13  11  60
  -56   5  56 599  15 968  15 977  15 967  15 976  15 942
  -66 458  56 -81 240   0  60
  -66  56 899 -81  31 115 -81  31 315  60
  -66 348 238 -81   5   2  60
  -57   2 -44 -81 107 532   0 -48  43 -81   6 -54   1 -81  46 532 -54   1 -81   5   1
  -57   3 -44 -81 107 140   0 -54   1 -81  46 140 -48  43 -81   9
  -57   4 -44 -81 107 621   0 -48  43 -81   6 -54   1 -81  46 621
  -57   5
  -66 678  56 -81  31 115 777 -81   5   2  60
  -66 899  56 -81 240   0  60 -55   5 -81  31 -55   6 -81  13
  -56   5 678  56  18  20 777 777   5 115 777 777   6  11
  -56   5 678  56  18  20 777 777   5 115 777 777   6   2 -55   8 -81 351
  -56   1 799  56  67 909
  -56   3 899  56   5 115 777 777   8  91
  -66 799 899 -81  31 115  60
  -57   6 -44 -81 107 456   0 -48  43 -81   6
  -57   7 -44 -81 107 341   0 -48  43 -81   6 -54   1 -81  46 341
  -57   8 999


SW57 - VTR BREAK POINT, K3:   1
SCON( 46,-81) =    0
SCON( 47,-81) =    0
SCON( 20,-81) =    1
SCON( 19,-81) =    0
SCON(  1,-81) =    1
SCON(  1,-81) =    1
-66 056 CONDITION AT  21,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  5 WITH VALUE:   315, VBRELP = 10
SW55 - LOADED CELL:  6 WITH VALUE:     0, VBRELP = 10
SCON( 31,-81) =  315
-66 056 CONDITION AT  44,                    CONTINUE TO THE RIGHT
CELL 15  =    0
CELL  5  =  315
CELL  6  =    0
-56 056 CONDITION AT  60,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =  315
-66 056 CONDITION AT  69,                    CONTINUE TO THE RIGHT
CELL 15  =    0
CELL  5  =  315
CELL  6  =    0
-56 056 CONDITION AT  85,                    CONTINUE TO THE RIGHT
CELL 15  =    0
```

```
CELL  5  =  315
-56 056 CONDITION AT  95,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =  315
-66 056 CONDITION AT 104,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =  315
-66 056 CONDITION AT 115,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =  315
SCON(  2,-81) =   43
-66 056 CONDITION AT 138,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =  315
SCON(  5,-81) =    0
-66 056 CONDITION AT 157,                    CONTINUE TO THE RIGHT
SCON( 31,-81) =  315
-66 SWITCH TEST: CONDITION FALSE
BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
SW57 - VTR BREAK POINT, K3: 392
SW55 - LOADED CELL: 57 WITH VALUE:   0
SCON( 20,-81) =    1
-66 CONDITION FALSE, CONTINUE THIS VTR
SW55 - LOADED CELL:  3 WITH VALUE:     0, VBRELP = 10
SW55 - LOADED CELL:  5 WITH VALUE:     1, VBRELP = 10
SW55 - LOADED CELL:  6 WITH VALUE:    43, VBRELP = 10
SCON( 19,-81) =    0
SCON( 20,-81) =    1
-66 056 CONDITION AT 138,                    CONTINUE TO THE RIGHT
SCON( 20,-81) =    1
SCON( 20,-81) =    1
SCON( 20,-81) =    1
SCON( 20,-81) =    1
-66 056 CONDITION AT 154,                    CONTINUE TO THE RIGHT
SW55 - LOADED CELL:  7 WITH VALUE:    11, VBRELP = 10
CELL  6  =   43
CELL  7  =   11
CELL  7  =   11
CELL  5  =    1
CELL  5  =    1
CELL  5  =    1
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  5  =    1
CELL  5  =    1
CELL  5  =    1
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  5  =    1
CELL  5  =    1
CELL  5  =    1
-56 CONDITION FALSE, CONTINUE THIS VTR
CELL  3  =    0
CELL 43  =    4
CELL 43  =    4
-56 056 CONDITION AT 216,                    CONTINUE TO THE RIGHT
CELL  3  =    0
CELL  5  =    1
CELL  5  =    1
-56 056 CONDITION AT 226,                    CONTINUE TO THE RIGHT
CELL  5  =    1
-56 056 CONDITION AT 232,                    CONTINUE TO THE RIGHT
SCON( 20,-81) =    1
-66 CONDITION FALSE, CONTINUE THIS VTR
CELL  5  =    1
-56 056 CONDITION AT 245,                    CONTINUE TO THE RIGHT
CELL 11  =   41
CELL  5  =    1
-56 056 CONDITION AT 255,                    CONTINUE TO THE RIGHT
```

```
 CELL 11  =   41
 CELL  5  =    1
 -56 056 CONDITION AT 265,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    1
 -66 056 CONDITION AT 278,                    CONTINUE TO THE RIGHT
 CELL 43  =    4
 CELL 43  =    4
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  4   EXECUTE UNTIL -57  5  JUMP -57  8
 SW57 - VTR BREAK POINT, K3: 328
 SW55 - LOADED CELL: 29 WITH VALUE:  88
 SW57 - VTR BREAK POINT, K3: 340
 SW57 - CONDITIONAL EXECUTION COMPLETED, BRANCH TO:  385
 SW57 - VTR BREAK POINT, K3: 385
 SCON( 48,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 48,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SW57 - VTR BREAK POINT, K3: 124
 SCON(  2,-81) =   43
 SCON(  2,-81) =   43
 SCON(  2,-81) =   43
 SCON(  2,-81) =   43
 SCON(  2,-81) =   43
 SCON(  2,-81) =   43
 SCON(  2,-81) =   43
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  8   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 155
 SCON( 48,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR
 SCON( 48,-81) =    0
 -66 CONDITION FALSE, CONTINUE THIS VTR

***** A MATCH STARTING AT  11 LEVEL   1       ON ELEMENT 13jj       tran4
Tran rule #1598, ID: 1597
(MC) CB = -1 (SIC) / UNLOAD SLOTS STS1085 EGSP4
 1  (16 -1 -1)
   -46 -81  20   0   0
   -63   0 460   1 -41   1 999     0   0


Main 30 table #460
   -55   5 -81 350 -55   6 -81 351
   -56   1 199  56   6  16
   -66 199  56 -81  20 961  60
   -66 199  56 -81  20  93 777 -81   1  13  60
   -66 199  56 -81  20  93 777 -81   1  11  60
   -66 299  56 -81  60 140 777 -81  46 140  60
   -66 299  56 -81  46 144  60
   -66  56 199 -81   2 820 -81   2 828  60
   -66 299 199 -81  20  88 -81  20  92 -81  20  53  60
   -57   1  91   0  82   0  81   0  85   0 113   0  83   0 118   0 111   0 115   0  88   0 119   0  96   0  89   0 114   0  84   0 116
0  86   0 120   0 -27   1  90   0  87   0  92   0  97   0  98   0  93   0 -55  29   0   0
   -57   2 -55  22   0   0 -55  42   0   0 -55  16   0   0 -55   5 -81 350
   -56   2 499 399   5 888   5 900
   -57   3 -55  15 -81 350
   -57   4 999


 SW55 - LOADED CELL:  5 WITH VALUE:    10, VBRELP = 11
 SW55 - LOADED CELL:  6 WITH VALUE:     1, VBRELP = 11
 CELL  6  =    1
```

```
 -56 056 CONDITION AT  13,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  18,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  29,                    CONTINUE TO THE RIGHT
 SCON( 20,-81) =    0
 -66 056 CONDITION AT  40,                    CONTINUE TO THE RIGHT
 SCON( 60,-81) =    0
 -66 056 CONDITION AT  51,                    CONTINUE TO THE RIGHT
 SCON( 46,-81) =    0
 -66 056 CONDITION AT  58,                    CONTINUE TO THE RIGHT
 SCON(  2,-81) =   10
 SCON(  2,-81) =   10
 -66 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  1   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  85
 SW38    32   42    1    1   10   10
 SW38    28   30    1    1    8    8
 SW38    43   54    1    1   12   12
 SW55 - LOADED CELL: 29 WITH VALUE:   0
 SW57 - VTR BREAK POINT, K3: 141
 SW55 - LOADED CELL: 22 WITH VALUE:   0
 SW55 - LOADED CELL: 42 WITH VALUE:   0
 SW55 - LOADED CELL: 16 WITH VALUE:   0
 SW55 - LOADED CELL:  5 WITH VALUE:    10, VBRELP = 11
 CELL  5  =   10
 CELL  5  =   10
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  3   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 167
 SW55 - LOADED CELL: 15 WITH VALUE:    10, VBRELP = 11
 SW57 - VTR BREAK POINT, K3: 173

***** A MATCH STARTING AT  11 LEVEL   1      ON ELEMENT 13jj      tran4
Tran rule #1975, ID: 1974
EOS = EOS / EMPTY SLOTS ST286 EGSP4
 1  (20 10 -1)
   -63   0 533   1 999     0   0


Main 30 table #533
   -64   0 199   0
   -56   1 123 299  67 909
   -57   1  72   0  91   0  82   0  81   0  85   0  83   0  88   0  96   0  89   0  84   0  86   0  90   0  87   0  92   0  97   0  98   0
93   0  -1   0
   -57   2  72   0  91   0  81   0  85   0  83   0  88   0  89   0  96   0  84   0  86   0  90   0  87   0  92   0  82   0  97   0  98   0
93   0  -1   0
   -57   3 999



Main 40 table #199
   -56   9 299  56 418   0 777 777 418  35 777 777 418  38 777 777 418  28 777 777 418   5
   -56   9 299 199 438   0 777 777 438  35 777 777 438  38 777 777 438  28 777 777 438   5
   -57   1 -67  55  18  18   1 -67  55  38  38   1
   -56   9 299  56 418   0 777 777 418  35 777 777 418  38 777 777 418  28 777 777 418   5
   -56   9 299 399 438   0 777 777 438  35 777 777 438  38 777 777 438  28 777 777 438   5
   -57   2 -67   6  18  38 -96 -81
   -57   3 999


 CELL 18  =   34
 CELL 18  =   34
```

```
 CELL 18  =   34
 CELL 18  =   34
 CELL 18  =   34
 -56 SWITCH TEST: CONDITION TRUE AT  21
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3: 101
 SW57 - VTR BREAK POINT, K3: 109
 CELL 67  =    0
 -56 SWITCH TEST: CONDITION FALSE
 BRANCH TO -57  2   EXECUTE UNTIL -57 99  JUMP -57 99
 SW57 - VTR BREAK POINT, K3:  49
 SW57 - VTR BREAK POINT, K3:  87


        ------------  tran4  PARSING COMPLETE   -------------

    ----   BEFORE CLEANING UP THE OUTPUT   ----
 TOTAL NUMBER OF CLAUSES IN SENTENCE =   1
 TOTAL NUMBER OF PHRASES (PHCTO)      =   1
 TOTAL NUMBER OF OPADR2 ELEMENTS (OPO)=  80
CLSNFO ARRAYS - NUMBER OF CLAUSES IDENTIFIED   (INCLUDING MAIN CLAUSE) = 1
             NUMBER OF CLAUSES MOVED        (EXCLUDING MAIN CLAUSE) = 0
             NUMBER OF CLAUSES STILL TO BE MOVED                 =  0
           BEGIN  ENDING BEGIN  ENDING
      CLAUSE INPUT  INPUT  OUTPUT OUTPUT PARENT CLMRKR ANTCDN ANTCDN ANTCDN ANTCDN
RELPRO
       ID   SWORK  SWORK  SWORK  SWORK  CLAUSE SCONS  SWORK  SCONPT OPIBEG OPIEND SCON
         1     1    11     1     1     0     0     0     0     0     0     0
      CLAUSE  PARENT
       ID    CELLS    ( TRAILING ZEROES ARE NOT PRINTED )

CURRENT CLAUSE ID =  1
CLSCON ARRAYS   (CLSID IS INITIALIZED TO 1. ENTRY NOT PRINTED IF CLSID=1 AND BOTH CMCHLD
AND ACHILD = 0

PHRBEG: STARTING OPADRO POSITION OF EACH PHRASE
    1

PHREND: ENDING OPADRO POSITION OF EACH PHRASE
   80

OPADRO
 -113  -118  -111  -115  -119  -114  -120  -116  -108    -1     2  -102     3  -114  -113  -118  -111  -115  -102  -107
 -103  -105  -101  -108  -106     6  -119  -114  -116  -120  -109  -109  -113  -118  -111  -115  -120  -114  -116     5
 -109  -117  -110  -117  -122  -113  -118  -111  -115  -120  -114  -116     9  -109  -117  -110  -102     7  -114  -113
 -118  -111  -115  -102  -107  -107  -103  -105  -108  -106  -101    11  -104  -112  -110  -119  -114  -116  -120    12


SCONPO
   75   76   77   78   79   80   81   82   33    1    2   34    3   35   83   84   85   86   46   47
   48   49   50   51   52    6   87   88   89   90   91   92   36   37   38   39   40   41   42    5
   43   44   45   93    7   55   56   57   58   59   60   61   10   62   63   64   53    8   54   94
   95   96   97   65   11   66   67   68   69   70   71   12   72   73   74   98   99  100  101   13


HFDOPO
    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
    0    0    0    0   10    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

--- T4CLRTRN: ONLY 1 CLAUSE. NO REPOSITIONING NEEDED ---

********** tran4 PROCESSING COMPLETE **********

THE SCON FOR tran4

```
       1   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20
   1  20   1   0   0   0   0   0   0   0   1   0   0   1   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0
      1   0   1   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0   0   0
   2  19 942   1   0   0   0   0   0   0   2  90   0   1   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   1   0   0   0   0   0   0   0   0   1   0   0   0   0   0   0
      2   0   1   0   0   0   0   0   0   2   0   1   0   0   0   0   0   0   0   0
   3   5 798   2   2   1   3   1   0   0   3  89   1   5   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  36   0  91   0
      2   0   1  11   0   0   0   0   0   2   0   1   0   0   0   0   0   0   0   0
   4  12 894   1   2   1   3   0   0   0   4  20   1   4   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   0   0   0 140
      2 848   1  11   0   0   0   0   0   2   0   0   0   0   0   0   0   0   0   1
      0   0   0   0   0  12  74   0   1   2   0   0   0   0   0   9  37   0   1   0
   5   2 835   4   2   1   3  10   0   0   5  54   1  13   0   0   0   1   1   1   1
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  84   0 315   0
      2 846  54  11   1   0   0   0 835   2   0  11   0   0   0   0   0   0   0   2
      0   0   0   0   0  12  31   0   1   0   0   0   0   0   0   0   0   0   0   0
   6   1  18   9   1   2   3   4   0   0   6  18   1   3   0   0   0   8   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  16   0  51   0
      2   0  54  11   1   0   0   0 835   2   0   1   0   0   0   0   0   0   0   0
   7  20 888   0   1   2   3   0   0   0   0   8   0   8   0   0   0   8   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0 122
   8   5 795   1   1   1   1   1   0   0   7  89   1   5   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  36   0  91   0
      1 850   1   2   0   0   0   0 835   0   0   0   0   0   0   0   0   0   0  16
      2   0  54  11   1   4  92   0   1   1   0   0   0   0   0   1   1   0  33   0
   9  12 894   1   1   1   1   0   0   0   8  20   1   4   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   0   0 140
      1 848   1   2   0   0   0   0 835   0   0   0   0   0   0   0   0   0   0   1
      2   0  54  11   1  12  74   0   1   2   0   0   0   0   0   9  37   0   1   0
  10   2 354   4   1   1   1   1   0   0   9  41   1   9   0   0   0   1   1   1   1
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   2   0 187   0
      1 846  41   2   1   0   0   0 354   0   0  11   0   0   0   0   0   0   0   2
      2   0  54  11   1  12  31   0   1   0   0   0   0   0   0   0   0   0   0   0
  11  15 315   6   1   0   3   4   0   0  10  42   2  10   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0   0   0  93   0
      1   0  41   2   1   0   0   0 354   0   0   0   0   0   0   0   0   0   0   1
      2   0  54  11   1   1   1   0  33   0   0   0   0   0   0   0   0   0   0   0
  12   1  43   6   1   0   3   4   0   0  11  43   1  11   0   0   0   0   0   0   1
      0   0   0   0   0   0   0   0   0   0 315   0  42   0   0   0   0   0   0   0
      0   0   0   0   0   0   0   0   0   0   0   0   0   1   0   0  16   0  73   0
      1   0  41   2   1   0   0   0 354   0   0   4   0   0   0   0   0   0   0   2
      2   0  54  11   1  12  31   0   1   2   0   0   0   0   0   7  59   0   1   0
  13  20  10   0   0   0   0   0   0   0  12   0   0  10   0   0   0   0   0   0   0
```

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	41	2	1	0	0	0	354	0	0	1	0	0	0	0	0	0	0	0
	2	0	54	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	113	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	118	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	111	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	115	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	120	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	114	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	116	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	109	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	117	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	110	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	102	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
47	107	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
48	103	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
49	105	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
50	101	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
51	108	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
52	106	0	9	1	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
55	113	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	118	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	111	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	115	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	120	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	114	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	116	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	109	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	117	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	110	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	102	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
66	107	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
67	103	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
68	105	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
69	108	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
70	106	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
71	101	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
72	104	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
73	112	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0
74	110	0	6	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0

PHRBEG: STARTING OPADRO POSITION OF EACH PHRASE

1

PHREND: ENDING OPADRO POSITION OF EACH PHRASE
80

OPADRO
-1 2 3 6 5 -122 9 7 10 11 12

SCONPO
1 2 3 6 5 7 10 8 11 12 13

HFDOPO
0 0 0 0 0 0 0 0 0 0 0

EOS

TRANSL OUT

Scon Information

OPADR	CASE	DECL	DEGR	GEND	NUMB	PERS	TENS	PAT	WC	SC08	SSU	CC	SMC		
-1	0	0	0	0	0	0	0	20	0	0	LOG				
2	0	1	0	0	0	0	0	19	0	0	LOG	001		wenn	
3	1	2	1	2	1	3	1	91	5	0	LOG	001		sie	
6	4	9	1	1	2	3	4	51	1	0	LOG	001		Apfel	
5	10	4	1	2	1	3	10	315	2	0	LOG	001		essen	
-122	0	0	0	1	2	3	0	0	20	0	LOG			,	
9	1	4	1	1	1	1	1	187	2	0	LOG	001		backen	
7	1	1	1	1	1	1	1	91	5	0	LOG	001		ich	
10	4	6	2	1	1	3	4	93	14	0	LOG	001		ein	
11	4	6	1	1	1	3	4	73	1	0	LOG	001		Kuchen	
12	0	0	0	0	0	0	0	0	20	0	LOG	001		.	

From Dictionary
wenn sie Apfel essen , backen ich ein Kuchen.

After Stemgen
wenn sie ?pfel isst , backe ich einen Kuchen.

After Black Hole
wenn sie ?pfel isst , backe ich einen Kuchen.

After Finish Rules
wenn sie ?pfel isst, backe ich einen Kuchen.

After deleteEmptyUnits
wenn sie ?pfel isst, backe ich einen Kuchen.

After Capitalization
Wenn sie ?pfel isst, backe ich einen Kuchen.

After adjustFinalSpaces
Wenn sie ?pfel isst, backe ich einen Kuchen.

After Pattern Matcher

Pattern matcher has no rules

After Complete Generate
Wenn sie ?pfel isst, backe ich einen Kuchen.

Output
Wenn sie ?pfel isst, backe ich einen Kuchen.

*EOS