```
123456789112345678921234567893123456789412345678951234567896123456789712345678 98
         0         0         0         0         0         0         0         0
VENDOR         MODEL #               DESCRIPTION                  (AVE) YR/MO/DY
                                                                  |AVE = # in average
 [north]  [ east]  [  up ]                                        | L1 Offset (mm)
 [90]  [85]  [80]  [75]  [70]  [65]  [60]  [55]  [50]  [45]       | L1 Phase at
 [40]  [35]  [30]  [25]  [20]  [15]  [10]  [ 5]  [ 0]             | Elevation (mm)
 [north]  [ east]  [  up ]                                        | L2 Offset (mm)
 [90]  [85]  [80]  [75]  [70]  [65]  [60]  [55]  [50]  [45]       | L2 Phase at
 [40]  [35]  [30]  [25]  [20]  [15]  [10]  [ 5]  [ 0]             | Elevation (mm)

TURBOROGUE     DORNE MARGOLIN T          OLD NAME                 (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
TURBOROGUE     AOAD/M_T                                            (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
TURBOROGUE     AOAD/M_TA_NGS                                       (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ROGUE          DORNE MARGOLIN B        OLD NAME                 (  0) 96/06/30
       0.0       0.0      78.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0      96.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ROGUE          AOAD/M_B                                            (  0) 96/06/30
       0.0       0.0      78.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0      96.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ROGUE          DORNE MARGOLIN R        OLD NAME                 (  0) 96/06/30
       0.0       0.0      78.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0      96.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ROGUE          JPLD/M_R                                            (  0) 96/06/30
       0.0       0.0      78.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0      96.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
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   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ROGUE          JPLD/M_RA_SOP                                    (  0) 96/06/30
       0.0       0.0      78.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0      96.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
TRIMBLE        TRM23903.00                                  NGS (  1) 97/10/27
       1.2        .4      77.0
    .0   4.8   9.3  13.1  16.4  18.8  20.5  21.5  21.7  21.3
  20.3  18.9  17.2  15.6  14.2  13.4  13.4    .0    .0
        .5       4.0      75.6
    .0    .1    .5   1.1   1.7   2.2   2.7   3.0   3.1   3.0
   2.8   2.4   1.9   1.3    .8    .5    .4    .0    .0
TRIMBLE        TRM29659.00                                     (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
TRIMBLE        TRM33429.00+GP                               NGS (  8) 97/10/27
       -.2       1.2      74.0
    .0   3.9   7.6  11.1  14.1  16.5  18.3  19.2  19.5  19.1
  18.1  16.6  14.9  13.0  11.5  10.4  10.2    .0    .0
        .6        .9      70.3
    .0    .6   1.4   2.4   3.4   4.4   5.1   5.6   5.8   5.7
   5.3   4.7   3.9   3.0   2.1   1.4    .9    .0    .0
TRIMBLE        TRM33429.20+GP                               NGS (  3) 01/08/29
       -.4      -1.0      72.9
    .0   4.8   9.3  13.3  16.6  19.3  21.2  22.3  22.7  22.5
  21.8  20.6  19.3  18.0  16.9  16.4  16.7    .0    .0
       -.4      -1.3      75.0
    .0    .3    .9   1.6   2.2   2.9   3.4   3.8   4.0   4.1
   3.9   3.6   3.2   2.7   2.2   1.8   1.5    .0    .0
TRIMBLE        DORNE MARGOLIN TRIM        OLD NAME              (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
TRIMBLE        4000ST L1/L2 GEOD       OLD NAME Mod. 14532      ( 10) 96/06/30
       0.0      -3.0      78.0
   0.0   1.1   3.1   6.3  10.2  13.7  15.7  16.4  16.3  15.8
  14.6  13.0  11.4  10.2   8.5   7.3   7.0   0.0   0.0
      -3.1      -1.3      74.4
   0.0   0.1   0.5   0.7   1.2   2.2   3.4   4.2   4.2   3.9
   3.6   3.3   2.7   2.0   1.5   1.0   0.2   0.0   0.0
TRIMBLE        TRM14177.00                                     ( 10) 96/06/30
       0.0      -3.0      78.0
   0.0   1.1   3.1   6.3  10.2  13.7  15.7  16.4  16.3  15.8
  14.6  13.0  11.4  10.2   8.5   7.3   7.0   0.0   0.0
      -3.1      -1.3      74.4
   0.0   0.1   0.5   0.7   1.2   2.2   3.4   4.2   4.2   3.9
   3.6   3.3   2.7   2.0   1.5   1.0   0.2   0.0   0.0
TRIMBLE        TRM14532.00           Mod. 14532                ( 10) 96/06/30
       0.0      -3.0      78.0
   0.0   1.1   3.1   6.3  10.2  13.7  15.7  16.4  16.3  15.8
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  14.6  13.0  11.4  10.2   8.5   7.3   7.0   0.0   0.0
      -3.1      -1.3      74.4
   0.0   0.1   0.5   0.7   1.2   2.2   3.4   4.2   4.2   3.9
   3.6   3.3   2.7   2.0   1.5   1.0   0.2   0.0   0.0
TRIMBLE        TRM14532.10           Mod. 14532.10                ( 10) 96/06/30
      -1.6        .9      96.0
    .0    .0    .7   1.7   3.0   4.3   5.6   6.6   7.3   7.5
   7.3   6.6   5.3   3.6   1.3  -1.4  -4.5    .0    .0
       1.6       4.1      94.4
    .0  -1.0  -1.3  -1.1   -.6    .2    .9   1.6   2.1   2.3
   2.1   1.6    .6   -.8  -2.6  -4.8  -7.3    .0    .0
TRIMBLE        TR GEOD L1/L2 GP        OLD NAME Mod. 22020        ( 13) 96/06/30
       1.5      -1.2      75.1
   0.0   1.8   4.6   8.1  11.7  14.5  16.1  16.9  16.9  16.2
  14.9  13.4  11.9  10.4   9.0   7.9   8.2   0.0   0.0
      -1.1       1.7      69.2
   0.0   0.3   0.9   1.8   3.0   4.1   4.9   5.4   5.6   5.6
   5.3   4.5   3.6   2.8   2.1   1.2   0.1   0.0   0.0
TRIMBLE        TRM22020.00+GP        Mod. 22020                   ( 13) 96/06/30
       1.5      -1.2      75.1
   0.0   1.8   4.6   8.1  11.7  14.5  16.1  16.9  16.9  16.2
  14.9  13.4  11.9  10.4   9.0   7.9   8.2   0.0   0.0
      -1.1       1.7      69.2
   0.0   0.3   0.9   1.8   3.0   4.1   4.9   5.4   5.6   5.6
   5.3   4.5   3.6   2.8   2.1   1.2   0.1   0.0   0.0
TRIMBLE        TR GEOD L1/L2 W/O GP  OLD NAME 22020 w/o gp        (  4) 96/06/30
       3.1       0.9      86.6
   0.0   0.2   0.4   1.2   2.5   3.6   4.5   5.1   5.6   5.8
   5.5   5.0   4.2   2.7   0.6  -1.5  -2.6   0.0   0.0
       1.2      -0.1      81.7
   0.0   0.0   0.5   1.2   2.0   2.9   3.5   3.9   4.3   4.7
   4.9   4.5   3.5   2.2   1.0  -1.1  -4.8   0.0   0.0
TRIMBLE        TRM22020.00-GP        Mod. 22020 w/o gndplane      (  4) 96/06/30
       3.1       0.9      86.6
   0.0   0.2   0.4   1.2   2.5   3.6   4.5   5.1   5.6   5.8
   5.5   5.0   4.2   2.7   0.6  -1.5  -2.6   0.0   0.0
       1.2      -0.1      81.7
   0.0   0.0   0.5   1.2   2.0   2.9   3.5   3.9   4.3   4.7
   4.9   4.5   3.5   2.2   1.0  -1.1  -4.8   0.0   0.0
TRIMBLE        TRM41249.00            Zephyr Geodetic with GP NGS (  4) 01/04/11
        .3        .5      71.4
    .0    .6   1.4   2.3   3.2   4.1   4.9   5.6   6.1   6.4
   6.4   6.1   5.5   4.5   3.1   1.3   -.9    .0    .0
      -.4        .1      68.2
    .0   -.5   -.6   -.5   -.2    .1    .5    .8   1.0   1.1
   1.0    .9    .6    .2   -.2   -.6   -.8    .0    .0
TRIMBLE        TRM55971.00           Zephyr GNSS Geod. Model2 NGS (  2) 06/06/12
       1.6       0.7      85.0
   0.0   0.7   1.6   2.8   3.9   4.9   5.9   6.6   7.0   7.2
   6.8   6.2   5.2   3.7   1.8  -0.5  -3.2   0.0   0.0
       0.8       1.2      70.1
   0.0  -0.1  -0.1   0.1   0.4   0.7   1.0   1.2   1.4   1.5
   1.4   1.1   0.8   0.2  -0.4  -1.3  -2.2   0.0   0.0
TRIMBLE        TRM55971.00     TZGD  Zephyr GNSS Geod. Model2 NGS (  2) 06/07/14
       1.1       0.9      85.6
   0.0   0.9   1.9   3.0   4.0   5.0   5.8   6.4   6.8   6.9
   6.7   6.0   5.0   3.5   1.6  -0.9  -3.8   0.0   0.0
       0.7       0.9      70.0
   0.0  -0.4  -0.5  -0.3   0.0   0.4   0.7   1.0   1.2   1.3
   1.2   0.9   0.4  -0.2  -1.1  -2.0  -3.1   0.0   0.0
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ASHTECH         700228                                                  (  3) 96/06/30
       0.5       0.3      79.9
   0.0   0.1   0.5   1.2   1.8   2.1   2.1   2.4   3.0   3.3
   3.0   2.8   2.6   2.3   1.5   0.7   0.9   0.0   0.0
      -1.2       0.8      79.2
   0.0   0.4   1.1   1.5   1.6   1.8   2.2   2.3   2.1   2.0
   1.9   1.7   1.5   1.8   2.4   1.6  -1.8   0.0   0.0
ASHTECH         ASH700228A                                              (  3) 96/06/30
       0.5       0.3      79.9
   0.0   0.1   0.5   1.2   1.8   2.1   2.1   2.4   3.0   3.3
   3.0   2.8   2.6   2.3   1.5   0.7   0.9   0.0   0.0
      -1.2       0.8      79.2
   0.0   0.4   1.1   1.5   1.6   1.8   2.2   2.3   2.1   2.0
   1.9   1.7   1.5   1.8   2.4   1.6  -1.8   0.0   0.0
ASHTECH         ASH700228B                                              (  3) 96/06/30
       0.5       0.3      79.9
   0.0   0.1   0.5   1.2   1.8   2.1   2.1   2.4   3.0   3.3
   3.0   2.8   2.6   2.3   1.5   0.7   0.9   0.0   0.0
      -1.2       0.8      79.2
   0.0   0.4   1.1   1.5   1.6   1.8   2.2   2.3   2.1   2.0
   1.9   1.7   1.5   1.8   2.4   1.6  -1.8   0.0   0.0
ASHTECH         ASH700228C                                              (  3) 96/06/30
       0.5       0.3      79.9
   0.0   0.1   0.5   1.2   1.8   2.1   2.1   2.4   3.0   3.3
   3.0   2.8   2.6   2.3   1.5   0.7   0.9   0.0   0.0
      -1.2       0.8      79.2
   0.0   0.4   1.1   1.5   1.6   1.8   2.2   2.3   2.1   2.0
   1.9   1.7   1.5   1.8   2.4   1.6  -1.8   0.0   0.0
ASHTECH         ASH700228D                                              (  3) 96/06/30
       0.5       0.3      79.9
   0.0   0.1   0.5   1.2   1.8   2.1   2.1   2.4   3.0   3.3
   3.0   2.8   2.6   2.3   1.5   0.7   0.9   0.0   0.0
      -1.2       0.8      79.2
   0.0   0.4   1.1   1.5   1.6   1.8   2.2   2.3   2.1   2.0
   1.9   1.7   1.5   1.8   2.4   1.6  -1.8   0.0   0.0
ASHTECH         700228 NOTCH                                            (  1) 96/06/30
      -0.2      -1.0      80.8
   0.0   0.7   1.3   1.7   2.1   2.4   2.6   2.9   3.0   3.1
   3.0   2.8   2.4   1.8   1.0  -0.3  -2.0   0.0   0.0
      -1.9       3.8      77.8
   0.0  -1.7  -2.5  -2.8  -2.6  -2.3  -2.0  -1.7  -1.5  -1.6
  -1.8  -2.1  -2.5  -2.9  -3.1  -3.0  -2.3   0.0   0.0
ASHTECH         700228 RINGS                                            (  1) 96/06/30
      -2.2       0.0      86.0
   0.0   1.7   3.0   4.0   4.8   5.3   5.7   5.9   5.9   5.9
   5.7   5.3   4.8   4.0   3.0   1.7  -0.1   0.0   0.0
      -3.7       3.2      78.2
   0.0  -1.7  -2.5  -2.7  -2.5  -2.0  -1.6  -1.2  -1.0  -1.0
  -1.2  -1.6  -2.1  -2.7  -3.1  -3.1  -2.6   0.0   0.0
ASHTECH         700578                                                  (  1) 96/06/30
      -1.2      -1.0      79.5
   0.0  -0.2  -0.1   1.1   2.7   3.2   2.7   2.5   3.4   4.2
   4.0   3.5   3.3   2.7   1.4   0.9   3.0   0.0   0.0
      -4.6       1.6      78.3
   0.0   0.5   1.4   1.6   1.4   1.5   2.0   2.1   1.9   2.1
   2.5   2.2   1.3   1.2   2.3   2.0  -2.4   0.0   0.0
ASHTECH         700718                                                  (  3) 96/06/30
       3.4       1.0      87.3
   0.0   1.3   2.9   4.6   6.2   7.7   8.8   9.4   9.6   9.2
   8.4   7.1   5.4   3.5   1.4  -0.6  -2.4   0.0   0.0
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       3.1      -1.3      63.4
   0.0  -2.4  -4.0  -5.2  -5.9  -6.4  -6.8  -7.0  -7.2  -7.3
  -7.4  -7.3  -7.0  -6.3  -5.2  -3.5  -0.8   0.0   0.0
ASHTECH        ASH700699.L1                                    IGEX      98/11/12
       0.0       0.0      51.5
   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       0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700718A                                          (  3) 96/06/30
       3.4       1.0      87.3
   0.0   1.3   2.9   4.6   6.2   7.7   8.8   9.4   9.6   9.2
   8.4   7.1   5.4   3.5   1.4  -0.6  -2.4   0.0   0.0
       3.1      -1.3      63.4
   0.0  -2.4  -4.0  -5.2  -5.9  -6.4  -6.8  -7.0  -7.2  -7.3
  -7.4  -7.3  -7.0  -6.3  -5.2  -3.5  -0.8   0.0   0.0
ASHTECH        ASH700718B                                          (  3) 96/06/30
       3.4       1.0      87.3
   0.0   1.3   2.9   4.6   6.2   7.7   8.8   9.4   9.6   9.2
   8.4   7.1   5.4   3.5   1.4  -0.6  -2.4   0.0   0.0
       3.1      -1.3      63.4
   0.0  -2.4  -4.0  -5.2  -5.9  -6.4  -6.8  -7.0  -7.2  -7.3
  -7.4  -7.3  -7.0  -6.3  -5.2  -3.5  -0.8   0.0   0.0
ASHTECH        700829                                              (  4) 96/06/30
      -0.7       0.4      92.0
   0.0   1.5   3.3   5.3   7.1   8.7  10.0  10.8  11.0  10.7
   9.9   8.6   6.8   4.8   2.6   0.5  -1.5   0.0   0.0
      -0.1      -0.8      60.1
   0.0  -2.5  -4.2  -5.4  -6.1  -6.6  -6.9  -7.1  -7.1  -7.1
  -7.0  -6.8  -6.3  -5.5  -4.2  -2.4   0.3   0.0   0.0
ASHTECH        DORNE MARGOLIN ASH      OLD NAME (no radom)         (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701933A_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701933B_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701933C_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701941.1                                     NGS (  4) 00/10/26
```

```
       -.2        .1     108.0
    .0   -.3   -.5   -.5   -.4   -.3   -.2   -.1    .0    .1
    .1    .0    .0   -.1   -.2   -.2   -.2    .0    .0
       -.3        .2     126.7
    .0  -2.2  -3.3  -3.5  -3.3  -2.9  -2.5  -2.2  -2.1  -2.2
  -2.5  -2.9  -3.2  -3.2  -2.7  -1.3   1.3    .0    .0
ASHTECH        ASH701941.2                                    NGS (  4) 00/10/26
       -.2        .1     108.0
    .0   -.3   -.5   -.5   -.4   -.3   -.2   -.1    .0    .1
    .1    .0    .0   -.1   -.2   -.2   -.2    .0    .0
       -.3        .2     126.7
    .0  -2.2  -3.3  -3.5  -3.3  -2.9  -2.5  -2.2  -2.1  -2.2
  -2.5  -2.9  -3.2  -3.2  -2.7  -1.3   1.3    .0    .0
ASHTECH        ASH701941.A                                    NGS (  4) 00/10/26
       -.2        .1     108.0
    .0   -.3   -.5   -.5   -.4   -.3   -.2   -.1    .0    .1
    .1    .0    .0   -.1   -.2   -.2   -.2    .0    .0
       -.3        .2     126.7
    .0  -2.2  -3.3  -3.5  -3.3  -2.9  -2.5  -2.2  -2.1  -2.2
  -2.5  -2.9  -3.2  -3.2  -2.7  -1.3   1.3    .0    .0
ASHTECH        ASH701941.B                                    NGS (  4) 00/10/26
       -.2        .1     108.0
    .0   -.3   -.5   -.5   -.4   -.3   -.2   -.1    .0    .1
    .1    .0    .0   -.1   -.2   -.2   -.2    .0    .0
       -.3        .2     126.7
    .0  -2.2  -3.3  -3.5  -3.3  -2.9  -2.5  -2.2  -2.1  -2.2
  -2.5  -2.9  -3.2  -3.2  -2.7  -1.3   1.3    .0    .0
ASHTECH        ASH701945B_M          (no radom)                (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701945.02B         (no radom)                (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701945C_M          (no radom)                (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701945E_M          (no radom)                (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701945E_M    SCIS  with radome               NGS (  2) 03/07/25
       -.1        .5     107.8
    .0   -.2   -.5   -.8   -.9  -1.3  -1.4  -1.6  -1.6  -1.6
  -1.6  -1.4  -1.4  -1.3  -1.1  -1.1  -1.1    .0    .0
       -.5        .6     126.9
```

```
    .0   -.3   -.5   -.7   -.8   -.8   -.8   -.8   -.9  -1.0
  -1.0  -1.0  -1.1  -1.0   -.9   -.7   -.3    .0    .0
ASHTECH        ASH701945G_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701946.022         (no radom)                NGS  ( 2) 99/09/02
        .6        .8     109.8
    .0   -.1   -.2   -.2   -.1   -.1    .0    .1    .2    .2
    .2    .2    .3    .2    .2    .1    .1    .0    .0
        .7       1.4     128.4
    .0   -.2   -.3   -.3   -.3   -.3   -.3   -.3   -.2   -.2
   -.2   -.3   -.3   -.3   -.2   -.2    .0    .0    .0
ASHTECH        ASH701946.012         (no radom)                NGS  ( 2) 99/09/02
        .6        .8     109.8
    .0   -.1   -.2   -.2   -.1   -.1    .0    .1    .2    .2
    .2    .2    .3    .2    .2    .1    .1    .0    .0
        .7       1.4     128.4
    .0   -.2   -.3   -.3   -.3   -.3   -.3   -.3   -.2   -.2
   -.2   -.3   -.3   -.3   -.2   -.2    .0    .0    .0
ASHTECH        ASH701946.2           (no radom)                NGS  ( 2) 99/09/02
        .6        .8     109.8
    .0   -.1   -.2   -.2   -.1   -.1    .0    .1    .2    .2
    .2    .2    .3    .2    .2    .1    .1    .0    .0
        .7       1.4     128.4
    .0   -.2   -.3   -.3   -.3   -.3   -.3   -.3   -.2   -.2
   -.2   -.3   -.3   -.3   -.2   -.2    .0    .0    .0
ASHTECH        ASH701946.3           (no radom)                NGS  ( 2) 99/09/02
        .6        .8     109.8
    .0   -.1   -.2   -.2   -.1   -.1    .0    .1    .2    .2
    .2    .2    .3    .2    .2    .1    .1    .0    .0
        .7       1.4     128.4
    .0   -.2   -.3   -.3   -.3   -.3   -.3   -.3   -.2   -.2
   -.2   -.3   -.3   -.3   -.2   -.2    .0    .0    .0
ASHTECH        ASH700936A_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700936B_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700936C_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700936D_M          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
```

```
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700936E_C          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700936F_C          (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH700936E            (no radom)                    (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        700936 RADOM          Mod.700936 (Radom)            (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701073.1                                         (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701073.3                                         (  0) 96/06/30
       0.0       0.0     110.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     128.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
ASHTECH        ASH701975.01A         Geodetic IV, Rev.A       NGS (  3) 01/03/13
      -2.1      -4.1      56.4
    .0   1.0   2.0   3.1   4.2   5.1   5.9   6.5   6.9   7.1
   7.0   6.6   5.9   5.0   3.8   2.4    .7    .0    .0
      -1.7      -3.2      62.2
    .0   -.3   -.2    .2    .8   1.5   2.3   2.9   3.3   3.6
   3.7   3.4   2.8   2.0    .8   -.7  -2.5    .0    .0
ASHTECH        ASH701975.01Agp       Geo IV, Rev.A w/grndpln  NGS (  3) 01/03/13
      -2.0      -3.3      56.0
    .0   3.5   7.1  10.5  13.5  16.1  18.1  19.5  20.2  20.3
  19.7  18.8  17.4  15.9  14.2  12.9  11.9    .0    .0
      -2.0      -2.7      46.1
    .0  -1.7  -2.9  -3.8  -4.5  -4.9  -5.4  -5.6  -5.9  -6.0
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  -6.1  -6.1  -5.9  -5.5  -4.8  -3.6  -1.8    .0    .0
JAVAD          JPSREGANT_DD_E                                NGS (  1) 99/04/07
       1.1        .2     113.1
    .0    .5   1.3   2.1   3.0   3.8   4.6   5.2   5.6   5.8
   5.8   5.5   5.0   4.3   3.4   2.3   1.1    .0    .0
       1.0       1.3     118.6
    .0   -.2    .0    .4   1.0   1.6   2.1   2.5   2.7   2.8
   2.7   2.3   1.9   1.3    .7    .2   -.2    .0    .0
JAVAD          JPSREGANT_SD_E        single depth c/r, Ext.   NGS (  3) 99/02/05
       1.0      -1.1     106.0
    .0    .8   1.6   2.3   3.1   3.7   4.3   4.7   5.0   5.2
   5.3   5.1   4.8   4.4   3.8   2.9   2.0    .0    .0
       1.4        .5     119.6
    .0   -.3   -.3    .1    .6   1.1   1.7   2.1   2.3   2.4
   2.3   2.1   1.7   1.2    .7    .2   -.2    .0    .0
LEICA          LEIAT504                                          (  2) 99/02/05
        .3       -.3     109.3
    .0    .0   -.1   -.1    .0    .0    .0    .1    .1    .1
    .1    .2    .2    .3    .4    .5    .6    .0    .0
       1.1       1.1     128.2
    .0   -.1   -.1   -.1    .0    .0    .0    .0    .0   -.1
   -.2   -.2   -.3   -.3   -.2   -.1    .3    .0    .0
LEICA          LEIAT504        LEIS  with radome              NGS (  2) 04/01/07
       2.5       1.3     106.5
    .0   -.3   -.7  -1.0  -1.2  -1.4  -1.6  -1.8  -1.9  -1.9
  -1.9  -1.8  -1.6  -1.4  -1.1   -.8   -.3    .0    .0
       -.7       1.3     125.4
    .0    .1    .2    .2    .2    .1    .1    .0   -.1   -.1
   -.2   -.2   -.1    .0    .2    .5    .8    .0    .0
LEICA          INTERNAL              OLD NAME SR299/SR399int      (  4) 96/06/30
       3.1      -0.2     113.1
   0.0   0.5   1.0   2.0   3.3   4.5   5.7   7.1   8.5   9.0
   8.3   7.0   5.8   4.7   3.4   1.8   0.8   0.0   0.0
       1.3      -3.5     117.2
   0.0   0.2   0.4   0.8   1.5   2.6   3.6   4.2   4.5   5.0
   5.3   5.0   3.8   2.5   1.4  -0.8  -5.1   0.0   0.0
LEICA          LEISR299_INT          SR299/SR399 int. antenna     (  4) 96/06/30
       3.1      -0.2     113.1
   0.0   0.5   1.0   2.0   3.3   4.5   5.7   7.1   8.5   9.0
   8.3   7.0   5.8   4.7   3.4   1.8   0.8   0.0   0.0
       1.3      -3.5     117.2
   0.0   0.2   0.4   0.8   1.5   2.6   3.6   4.2   4.5   5.0
   5.3   5.0   3.8   2.5   1.4  -0.8  -5.1   0.0   0.0
LEICA          LEISR399_INT          SR299/SR399 int. antenna     (  4) 96/06/30
       3.1      -0.2     113.1
   0.0   0.5   1.0   2.0   3.3   4.5   5.7   7.1   8.5   9.0
   8.3   7.0   5.8   4.7   3.4   1.8   0.8   0.0   0.0
       1.3      -3.5     117.2
   0.0   0.2   0.4   0.8   1.5   2.6   3.6   4.2   4.5   5.0
   5.3   5.0   3.8   2.5   1.4  -0.8  -5.1   0.0   0.0
LEICA          EXTERNAL WITHOUT GP   OLD NAME SR299/399w/o gp     (  4) 96/06/30
       0.5       0.1      68.5
   0.0   1.2   2.6   4.3   5.8   6.5   7.1   8.3  10.3  11.8
  11.1   8.6   6.2   5.6   5.6   2.9  -3.8   0.0   0.0
       0.3      -1.9      52.1
   0.0  -0.2  -0.7  -0.9  -0.9  -1.1  -1.4  -1.2  -0.4   0.6
   1.0   0.9   0.9   0.6  -1.2  -5.5 -12.0   0.0   0.0
LEICA          LEIAT202-GP           SR299/SR399 ext. w/o g.p.    (  4) 96/06/30
       0.5       0.1      68.5
   0.0   1.2   2.6   4.3   5.8   6.5   7.1   8.3  10.3  11.8
```

```
  11.1   8.6   6.2   5.6   5.6   2.9  -3.8   0.0   0.0
       0.3      -1.9      52.1
   0.0  -0.2  -0.7  -0.9  -0.9  -1.1  -1.4  -1.2  -0.4   0.6
   1.0   0.9   0.9   0.6  -1.2  -5.5 -12.0   0.0   0.0
LEICA          LEIAT302-GP           SR299/SR399 ext. w/o g.p.    (  4) 96/06/30
       0.5       0.1      68.5
   0.0   1.2   2.6   4.3   5.8   6.5   7.1   8.3  10.3  11.8
  11.1   8.6   6.2   5.6   5.6   2.9  -3.8   0.0   0.0
       0.3      -1.9      52.1
   0.0  -0.2  -0.7  -0.9  -0.9  -1.1  -1.4  -1.2  -0.4   0.6
   1.0   0.9   0.9   0.6  -1.2  -5.5 -12.0   0.0   0.0
LEICA          LEIAT303                                           (  4) 96/06/30
       1.0       -.5      78.2
    .0   1.4   2.4   3.2   3.8   4.2   4.4   4.6   4.7   4.8
   4.7   4.5   4.2   3.7   3.0   2.0    .7    .0    .0
       1.8        .8      93.9
    .0    .6   1.1   1.5   1.9   2.3   2.5   2.7   2.8   2.9
   2.7   2.5   2.2   1.7   1.0    .1   -.9    .0    .0
LEICA          EXTERNAL WITH GP      OLD NAME SR299/SR399w/gp     (  1) 96/06/30
       4.8       1.9      49.2
   0.0   0.0   0.4   1.7   3.4   4.4   4.6   4.9   5.9   6.7
   6.6   5.6   4.6   3.7   2.6   1.7   1.9   0.0   0.0
       3.4      -5.2      41.8
   0.0  -0.2  -0.6  -0.8  -0.6  -0.2   0.1   0.1   0.0   0.0
   0.2   0.7   0.9   0.5  -0.6  -1.8  -2.5   0.0   0.0
LEICA          LEIAT202+GP           SR299/SR399 ext. w/ g.p.     (  1) 96/06/30
       4.8       1.9      49.2
   0.0   0.0   0.4   1.7   3.4   4.4   4.6   4.9   5.9   6.7
   6.6   5.6   4.6   3.7   2.6   1.7   1.9   0.0   0.0
       3.4      -5.2      41.8
   0.0  -0.2  -0.6  -0.8  -0.6  -0.2   0.1   0.1   0.0   0.0
   0.2   0.7   0.9   0.5  -0.6  -1.8  -2.5   0.0   0.0
LEICA          LEIAT302+GP           SR299/SR399 ext. w/ g.p.     (  1) 96/06/30
       4.8       1.9      49.2
   0.0   0.0   0.4   1.7   3.4   4.4   4.6   4.9   5.9   6.7
   6.6   5.6   4.6   3.7   2.6   1.7   1.9   0.0   0.0
       3.4      -5.2      41.8
   0.0  -0.2  -0.6  -0.8  -0.6  -0.2   0.1   0.1   0.0   0.0
   0.2   0.7   0.9   0.5  -0.6  -1.8  -2.5   0.0   0.0
LEICA          LEIAX1202                                          (  3) 04/06/16
       2.8      -0.7      83.4
   0.0   0.9   2.0   3.2   4.4   5.6   6.7   7.5   8.1   8.3
   8.1   7.4   6.2   4.4   2.1  -0.8  -4.4   0.0   0.0
      -0.9      -0.3      76.9
   0.0  -1.1  -1.3  -1.0  -0.3   0.6   1.4   2.1   2.6   2.8
   2.6   2.0   1.1  -0.2  -1.8  -3.5  -5.2   0.0   0.0
MACROMETER     MACROMETER X-DIPOLE   Mod.4647942                  (  1) 96/06/30
       2.2      -8.2     163.1
   0.0  -3.7  -3.3  -0.3   3.9   8.5  12.3  15.0  15.9  14.8
  11.6   6.6   0.1  -7.4 -15.1 -22.0 -27.0   0.0   0.0
       4.3       2.0      91.3
   0.0  -3.0  -2.9  -0.9   2.1   5.4   8.3  10.6  11.9  12.2
  11.6  10.3   8.8   7.6   7.6   9.6  14.8   0.0   0.0
MACROMETER     MAC4647942                                         (  1) 96/06/30
       2.2      -8.2     163.1
   0.0  -3.7  -3.3  -0.3   3.9   8.5  12.3  15.0  15.9  14.8
  11.6   6.6   0.1  -7.4 -15.1 -22.0 -27.0   0.0   0.0
       4.3       2.0      91.3
   0.0  -3.0  -2.9  -0.9   2.1   5.4   8.3  10.6  11.9  12.2
  11.6  10.3   8.8   7.6   7.6   9.6  14.8   0.0   0.0
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TOPCON          TOP700779A                                          (  3) 96/06/30
       3.4       1.0      87.3
   0.0   1.3   2.9   4.6   6.2   7.7   8.8   9.4   9.6   9.2
   8.4   7.1   5.4   3.5   1.4  -0.6  -2.4   0.0   0.0
       3.1      -1.3      63.4
   0.0  -2.4  -4.0  -5.2  -5.9  -6.4  -6.8  -7.0  -7.2  -7.3
  -7.4  -7.3  -7.0  -6.3  -5.2  -3.5  -0.8   0.0   0.0
TOPCON          72110                                               (  1) 96/06/30
      -3.9       7.3     147.1
   0.0  -1.1  -1.1  -0.3   0.9   2.3   3.7   4.8   5.3   5.3
   4.5   2.9   0.3  -3.2  -7.6 -12.9 -19.0   0.0   0.0
      -4.4       6.5     127.8
   0.0  -0.5  -0.7  -0.8  -0.7  -0.6  -0.5  -0.5  -0.6  -1.0
  -1.6  -2.5  -3.7  -5.3  -7.3  -9.7 -12.5   0.0   0.0
TOPCON          TOP72110                                            (  1) 96/06/30
      -3.9       7.3     147.1
   0.0  -1.1  -1.1  -0.3   0.9   2.3   3.7   4.8   5.3   5.3
   4.5   2.9   0.3  -3.2  -7.6 -12.9 -19.0   0.0   0.0
      -4.4       6.5     127.8
   0.0  -0.5  -0.7  -0.8  -0.7  -0.6  -0.5  -0.5  -0.6  -1.0
  -1.6  -2.5  -3.7  -5.3  -7.3  -9.7 -12.5   0.0   0.0
TOPCON          TOPCR3_GGD                                      NGS (  3) 02/03/11
        .1        .0      80.5
    .0    .8   1.3   1.6   1.7   1.8   1.8   1.8   1.8   1.8
   1.9   2.0   2.0   1.8   1.5    .9   -.1    .0    .0
        .7        .8     103.5
    .0   -.5   -.5   -.2    .2    .7   1.1   1.5   1.8   1.8
   1.7   1.5   1.1    .7    .2   -.1   -.3    .0    .0
TOPCON          TPSCR3_GGD                                      NGS (  3) 02/03/11
        .1        .0      80.5
    .0    .8   1.3   1.6   1.7   1.8   1.8   1.8   1.8   1.8
   1.9   2.0   2.0   1.8   1.5    .9   -.1    .0    .0
        .7        .8     103.5
    .0   -.5   -.5   -.2    .2    .7   1.1   1.5   1.8   1.8
   1.7   1.5   1.1    .7    .2   -.1   -.3    .0    .0
TOPCON          TPSCR3_GGD      CONE  Radome                    NGS (  3) 02/03/11
        .2        .1      80.3
    .0   1.2   1.9   2.4   2.6   2.6   2.6   2.5   2.5   2.4
   2.4   2.4   2.4   2.4   2.3   2.1   1.6    .0    .0
        .4        .6     102.7
    .0   -.8  -1.0   -.7   -.1    .5   1.1   1.7   2.0   2.1
   1.9   1.6   1.1    .5    .0   -.4   -.5    .0    .0
TRIMBLE         M-PULSE L1/L2 SURVEY    OLD NAME Micropulse ant     (  1) 96/06/30
       0.0       0.0      79.6
   0.0   0.4   0.4   0.9   2.1   3.1   3.5   3.6   3.9   3.8
   3.0   2.2   1.8   1.7   0.9   0.9   2.6   0.0   0.0
       0.0       0.0      93.2
   0.0   0.1   0.1   0.0   0.0   0.6   1.3   1.7   1.5   1.2
   0.9   0.7   0.6   0.7   0.7  -0.6  -4.1   0.0   0.0
MPL             MPLL1/L2_SURV                                       (  1) 96/06/30
       0.0       0.0      79.6
   0.0   0.4   0.4   0.9   2.1   3.1   3.5   3.6   3.9   3.8
   3.0   2.2   1.8   1.7   0.9   0.9   2.6   0.0   0.0
       0.0       0.0      93.2
   0.0   0.1   0.1   0.0   0.0   0.6   1.3   1.7   1.5   1.2
   0.9   0.7   0.6   0.7   0.7  -0.6  -4.1   0.0   0.0
TRIMBLE         MPLL1/L2SURV          Micropulse antenna            (  1) 96/06/30
       0.0       0.0      79.6
   0.0   0.4   0.4   0.9   2.1   3.1   3.5   3.6   3.9   3.8
   3.0   2.2   1.8   1.7   0.9   0.9   2.6   0.0   0.0
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       0.0       0.0      93.2
   0.0   0.1   0.1   0.0   0.0   0.6   1.3   1.7   1.5   1.2
   0.9   0.7   0.6   0.7   0.7  -0.6  -4.1   0.0   0.0
GEOTRACER      2200                                              (  1) 96/06/30
       0.8      -1.7      95.4
   0.0   1.3   2.7   4.4   6.0   7.2   8.0   9.1  10.2  10.4
   9.4   8.3   7.8   7.4   6.3   4.6   3.7   0.0   0.0
       0.4       0.1      73.9
   0.0  -0.3  -1.7  -3.9  -5.8  -6.3  -6.1  -6.4  -7.3  -7.8
  -7.5  -6.9  -6.0  -4.1  -1.7  -1.7  -6.4   0.0   0.0
AEROANTENNA    AERAT2775_43        Choke Ring Geodetic L1/L2  NGS (  3) 01/05/09
       2.3       -.6      88.3
    .0    .1    .6   1.3   2.0   2.7   3.4   3.8   4.1   4.2
   4.0   3.7   3.2   2.6   2.1   1.6   1.3    .0    .0
      -.2        .2      94.1
    .0   -.7  -1.0  -1.2  -1.3  -1.3  -1.3  -1.4  -1.4  -1.6
  -1.7  -1.7  -1.7  -1.4   -.8    .3   1.8    .0    .0
THREE-S        3S-02-TSADM         TSA-100 w/ Dorne Margolin  NGS (  1) 00/05/08
       1.7       3.6     272.5
    .0    .0    .2    .5   1.0   1.5   2.0   2.5   2.9   3.3
   3.6   3.9   4.2   4.5   4.9   5.4   6.0   0.0   0.0
        .8       4.2     291.6
    .0    .1    .3    .4    .6    .9   1.1   1.5   1.8   2.2
   2.5   2.9   3.3   3.6   3.9   4.2   4.3   0.0   0.0
THREE-S        3S-02-TSATE         TSA- w/ TECOM              IGEX      98/11/12
       0.0       0.0     171.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
       0.0       0.0     171.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0
NOV            NOV503+CR             L1/L2 w/ Choke Ring      NGS (  2) 00/08/22
       2.3      -1.4      86.5
    .0    .3    .8   1.5   2.3   3.0   3.7   4.2   4.5   4.6
   4.6   4.2   3.7   3.0   2.3   1.6   1.0    .0    .0
      -.1        .3      92.3
    .0  -1.5  -2.3  -2.5  -2.6  -2.5  -2.3  -2.2  -2.1  -2.2
  -2.3  -2.5  -2.5  -2.4  -1.8   -.8   1.0    .0    .0
NOV            NOV503+CR       SPKE  L1/L2,chokerings,radome  NGS (  2) 00/08/22
       2.0      -2.6      87.1
    .0   -.1    .5   1.4   2.4   3.4   4.4   5.1   5.6   5.6
   5.5   5.0   4.2   3.3   2.4   1.5    .9    .0    .0
      -.8       -.2      94.6
    .0  -1.1  -1.7  -1.9  -1.8  -1.5  -1.3  -1.0   -.8   -.8
   -.9   -.9  -1.1  -1.1   -.9   -.5    .5    .0    .0
NOV            NOV600                L1/L2                    NGS (  3) 01/03/13
      -1.3        .3      90.5
    .0    .7   1.6   2.7   4.0   5.2   6.2   7.1   7.8   8.1
   8.1   7.6   6.7   5.4   3.6   1.4  -1.2    .0    .0
        .2       -.4      91.8
    .0   -.6   -.6   -.2    .5   1.4   2.2   2.9   3.3   3.6
   3.5   3.1   2.4   1.4    .2  -1.2  -2.7    .0    .0
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