

```

BLOCK=OLD
DATASET=ISOTXS
BLOCK=STP027,3
DATASET=A.STP027
01      0      0      0      1      0      0      0      0      0      0      1
02      0      1      0      2      0      0      0      0      0      0      0
03      1      0      1      0      0      1      0      0000000010000
DATASET=A.DIF3D
01      RINSC  LEU    9/30/98
02      20000900000      0
03      0      0      0      0      150      0      0      8      0      0      50
04      0      0      0      01      000      10      000      0      0      0000      0
05      1.0E-7      5.0E-5      5.0E-5
06      1.00000E-0      0.001      0.004      2.000-6      1.0000
DATASET=A.HMG4C
01      RINSC LEU Eq. Core at step 9c, rearrange 4 innermost FAs ALL RODS 100% OUT      2-2010
02      500000      1      0      0      0      0      0      0
DATASET=A.NIP3
01      RINSC LEU STARTUP CORE
01      ALL CONTROL BLADES FULL OUT
01      REG ROD FULL OUT
02      1 25000      1
03      44
04      2      2      2      2      2      2
06      H2ORFO 0.0      113.03      0      37 0.0      160.0
06      TCB1 0.0      113.03      0      37 0.0      29.527
06      TCB2 11.43      101.60      5      33 0.0      52.387
06      TC1 0.0      113.03      0      37 0.0      26.987
06      TC2 13.97      99.06      6      32 26.987      49.847
06      GSBOX 26.352      86.678      5      28 52.387      63.187
06      SHIELD 27.940      85.090      8      27 53.977      61.597
06      GRID 26.085      86.945      2      4 63.822      135.146
06      GBOX 26.085      86.945      4      31 63.822      135.146
06      H2ORFI 26.720      86.310      4      31 64.457      134.511
06      AXREFT 26.773      86.257      26      31 64.51      134.458
06      AXREFB 26.773      86.257      4      9 64.51      134.458
06      POST1 26.085      34.545      4      31 63.822      72.282
06      POST2 26.085      34.545      4      31 126.686      135.146
06      POST3 78.485      86.945      4      31 63.822      72.282
06      POST4 78.485      86.945      4      31 126.686      135.146
06      GRAF1 44.857      68.173      7      29 64.51      72.282
01 moved 5 Be to core boundary E8 D8 C8 E2 C2 11/98
06      BEEC8 44.857      68.173      7      29 118.914      126.686
06      BE-E2 44.857      52.629      7      29 72.282      80.054
06      BE-C2 60.401      68.173      7      29 72.282      80.054
06      GRAF5 34.545      42.317      7      29 64.51      126.686
06      BEF5A 34.545      42.317      9      26 80.054      118.914      Be
06      GRAF6 70.713      78.485      7      29 64.51      126.686
06      BEF6A 70.713      78.485      9      26 80.054      118.914      Be
01 move 2 BE away BE1 26.773      34.545      9      26 72.282      126.686      126.686
06      GRAG1 26.773      34.545      9      26 72.282      126.686      G
01 move 2 Be away BE2 78.485      86.257      9      26 72.282      126.686      126.686
06      GRAG2 78.485      86.257      9      26 72.282      126.686      G
06      FC 78.485      86.257      35      37 126.686      134.458
06      CIC 26.773      34.545      35      37 126.686      134.458
01 RBBL1S to BE-F9 11/98
06      BE-F9 34.545      42.317      9      26 126.686      134.458
01 RBBL2S to BE-E9 updated from rinsc info 8/98
01 removed RB box 11/98 06 RBBL2E 45.351      52.135      9      26 126.686      134.458
01 removed 06 RB2 45.351      52.135      9      26 127.0417      134.1023
06      G-E9 44.857      52.629      9      26 126.686      134.458
06      RBBL3S 52.629      60.401      9      26 126.686      134.458
06      RBBL3E 53.123      59.907      9      26 126.686      134.458
06      RB3 53.123      59.907      9      26 127.0417      134.1023
06      RBBL4S 60.401      68.173      9      26 126.686      134.458
06      RBBL4E 60.895      67.679      9      26 126.686      134.458
06      RB4 60.895      67.679      9      26 127.0417      134.1023
06      RBBL5S 70.713      78.485      9      26 126.686      134.458
06      RBBL5E 71.207      77.991      9      26 126.686      134.458
06      RB5 71.207      77.991      9      26 127.0417      134.1023
06      E3A 44.857      52.629      9      13 80.054      87.826
06      E4A 44.857      52.629      9      13 87.826      95.598
06      E5A 44.857      52.629      9      13 95.598      103.370
06      E6A 44.857      52.629      9      13 103.370      111.142
06      E7A 44.857      52.629      9      13 111.142      118.914
06      D3A 52.629      60.401      9      13 80.054      87.826
06      D4A 52.629      60.401      9      13 87.826      95.598
06      D6A 52.629      60.401      9      13 103.370      111.142
06      D7A 52.629      60.401      9      13 111.142      118.914
06      C3A 60.401      68.173      9      13 80.054      87.826
06      C4A 60.401      68.173      9      13 87.826      95.598

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| | | | | | | | |
|----|------------------------------------|----------|----------|---------|-----|----------|------------------|
| 06 | C5A | 60.401 | 68.173 | 9 | 13 | 95.598 | 103.370 |
| 06 | C6A | 60.401 | 68.173 | 9 | 13 | 103.370 | 111.142 |
| 06 | C7A | 60.401 | 68.173 | 9 | 13 | 111.142 | 118.914 |
| 06 | E3B | 44.857 | 52.629 | 13 | 17 | 80.054 | 87.826 |
| 06 | E4B | 44.857 | 52.629 | 13 | 17 | 87.826 | 95.598 |
| 06 | E5B | 44.857 | 52.629 | 13 | 17 | 95.598 | 103.370 |
| 06 | E6B | 44.857 | 52.629 | 13 | 17 | 103.370 | 111.142 |
| 06 | E7B | 44.857 | 52.629 | 13 | 17 | 111.142 | 118.914 |
| 06 | D3B | 52.629 | 60.401 | 13 | 17 | 80.054 | 87.826 |
| 06 | D4B | 52.629 | 60.401 | 13 | 17 | 87.826 | 95.598 |
| 06 | D6B | 52.629 | 60.401 | 13 | 17 | 103.370 | 111.142 |
| 06 | D7B | 52.629 | 60.401 | 13 | 17 | 111.142 | 118.914 |
| 06 | C3B | 60.401 | 68.173 | 13 | 17 | 80.054 | 87.826 |
| 06 | C4B | 60.401 | 68.173 | 13 | 17 | 87.826 | 95.598 |
| 06 | C5B | 60.401 | 68.173 | 13 | 17 | 95.598 | 103.370 |
| 06 | C6B | 60.401 | 68.173 | 13 | 17 | 103.370 | 111.142 |
| 06 | C7B | 60.401 | 68.173 | 13 | 17 | 111.142 | 118.914 |
| 06 | E3C | 44.857 | 52.629 | 17 | 21 | 80.054 | 87.826 |
| 06 | E4C | 44.857 | 52.629 | 17 | 21 | 87.826 | 95.598 |
| 06 | E5C | 44.857 | 52.629 | 17 | 21 | 95.598 | 103.370 |
| 06 | E6C | 44.857 | 52.629 | 17 | 21 | 103.370 | 111.142 |
| 06 | E7C | 44.857 | 52.629 | 17 | 21 | 111.142 | 118.914 |
| 06 | D3C | 52.629 | 60.401 | 17 | 21 | 80.054 | 87.826 |
| 06 | D4C | 52.629 | 60.401 | 17 | 21 | 87.826 | 95.598 |
| 06 | D6C | 52.629 | 60.401 | 17 | 21 | 103.370 | 111.142 |
| 06 | D7C | 52.629 | 60.401 | 17 | 21 | 111.142 | 118.914 |
| 06 | C3C | 60.401 | 68.173 | 17 | 21 | 80.054 | 87.826 |
| 06 | C4C | 60.401 | 68.173 | 17 | 21 | 87.826 | 95.598 |
| 06 | C5C | 60.401 | 68.173 | 17 | 21 | 95.598 | 103.370 |
| 06 | C6C | 60.401 | 68.173 | 17 | 21 | 103.370 | 111.142 |
| 06 | C7C | 60.401 | 68.173 | 17 | 21 | 111.142 | 118.914 |
| 06 | E3D | 44.857 | 52.629 | 21 | 26 | 80.054 | 87.826 |
| 06 | E4D | 44.857 | 52.629 | 21 | 26 | 87.826 | 95.598 |
| 06 | E5D | 44.857 | 52.629 | 21 | 26 | 95.598 | 103.370 |
| 06 | E6D | 44.857 | 52.629 | 21 | 26 | 103.370 | 111.142 |
| 06 | E7D | 44.857 | 52.629 | 21 | 26 | 111.142 | 118.914 |
| 06 | D3D | 52.629 | 60.401 | 21 | 26 | 80.054 | 87.826 |
| 06 | D4D | 52.629 | 60.401 | 21 | 26 | 87.826 | 95.598 |
| 06 | D6D | 52.629 | 60.401 | 21 | 26 | 103.370 | 111.142 |
| 06 | D7D | 52.629 | 60.401 | 21 | 26 | 111.142 | 118.914 |
| 06 | C3D | 60.401 | 68.173 | 21 | 26 | 80.054 | 87.826 |
| 06 | C4D | 60.401 | 68.173 | 21 | 26 | 87.826 | 95.598 |
| 06 | C5D | 60.401 | 68.173 | 21 | 26 | 95.598 | 103.370 |
| 06 | C6D | 60.401 | 68.173 | 21 | 26 | 103.370 | 111.142 |
| 06 | C7D | 60.401 | 68.173 | 21 | 26 | 111.142 | 118.914 |
| 06 | S1 | 44.857 | 45.7015 | 9 | 26 | 80.054 | 118.914 |
| 06 | S2 | 51.7845 | 52.629 | 9 | 26 | 80.054 | 118.914 |
| 06 | S3 | 52.629 | 53.4735 | 9 | 26 | 80.054 | 118.914 |
| 06 | S4 | 59.5565 | 60.401 | 9 | 26 | 80.054 | 118.914 |
| 06 | S5 | 60.401 | 61.2455 | 9 | 26 | 80.054 | 118.914 |
| 06 | S6 | 67.3285 | 68.173 | 9 | 26 | 80.054 | 118.914 |
| 06 | G1 | 42.317 | 44.857 | 9 | 26 | 64.51 | 70.086 |
| 06 | G2 | 42.317 | 44.857 | 9 | 26 | 98.090 | 100.878 |
| 06 | G3 | 42.317 | 44.857 | 9 | 26 | 128.882 | 134.458 |
| 06 | G4 | 68.173 | 70.713 | 9 | 26 | 64.51 | 70.086 |
| 06 | G5 | 68.173 | 70.713 | 9 | 26 | 98.090 | 100.878 |
| 06 | G6 | 68.173 | 70.713 | 9 | 26 | 128.882 | 134.458 |
| 06 | TRAP | 52.629 | 60.401 | 9 | 26 | 95.598 | 103.370 |
| 01 | flux trap size different 9/98 ** | | | | | | |
| 01 | 06 | HOLE | 54.8265 | 58.2035 | 9 | 26 | 97.7955 101.1725 |
| 06 | HOLE | 54.6861 | 58.3439 | 9 | 26 | 97.6551 | 101.3130 |
| 01 | G1 to G6 CR guide tubes | | | | | | |
| 06 | CNTL1O | 68.173 | 70.713 | 7 | 30 | 100.878 | 128.882 |
| 06 | CNTL2O | 68.173 | 70.713 | 7 | 30 | 70.086 | 98.090 |
| 06 | CNTL3O | 42.317 | 44.857 | 7 | 30 | 70.086 | 98.090 |
| 06 | CNTL4O | 42.317 | 44.857 | 7 | 30 | 100.878 | 128.882 |
| 06 | CNTL1I | 68.173 | 70.713 | 30 | 37 | 100.878 | 128.882 |
| 06 | CNTL2I | 68.173 | 70.713 | 30 | 37 | 70.086 | 98.090 |
| 06 | CNTL3I | 42.317 | 44.857 | 30 | 37 | 70.086 | 98.090 |
| 06 | CNTL4I | 42.317 | 44.857 | 30 | 37 | 100.878 | 128.882 |
| 06 | BLADE1 | 69.11915 | 69.76685 | 30 | 37 | 101.507 | 128.253 |
| 06 | BLADE2 | 69.11915 | 69.76685 | 30 | 37 | 70.715 | 97.461 |
| 06 | BLADE3 | 43.26315 | 43.91085 | 30 | 37 | 70.715 | 97.461 |
| 06 | BLADE4 | 43.26315 | 43.91085 | 30 | 37 | 101.507 | 128.253 |
| 06 | REGOUT | 52.629 | 60.401 | 7 | 37 | 72.282 | 80.054 |
| 01 | make the reg rod fully out 9/98 ** | | | | | | |
| 06 | REGIN1 | 52.629 | 60.401 | 30 | 37 | 72.282 | 80.054 |
| 06 | ROD1 | 53.816 | 59.214 | 30 | 37 | 73.46925 | 78.86675 |
| 06 | REGIN2 | 54.451 | 58.579 | 30 | 37 | 74.10425 | 78.23175 |
| 07 | E3 | E3A | E3B | E3C | E3D | | |
| 07 | E4 | E4A | E4B | E4C | E4D | | |

| | | | | | | | | | |
|----|------|-----|-----|------------|-----|---|-----------|---|------------|
| 07 | E5 | E5A | E5B | E5C | E5D | | | | |
| 07 | E6 | E6A | E6B | E6C | E6D | | | | |
| 07 | E7 | E7A | E7B | E7C | E7D | | | | |
| 07 | D3 | D3A | D3B | D3C | D3D | | | | |
| 07 | D4 | D4A | D4B | D4C | D4D | | | | |
| 07 | D6 | D6A | D6B | D6C | D6D | | | | |
| 07 | D7 | D7A | D7B | D7C | D7D | | | | |
| 07 | C3 | C3A | C3B | C3C | C3D | | | | |
| 07 | C4 | C4A | C4B | C4C | C4D | | | | |
| 07 | C5 | C5A | C5B | C5C | C5D | | | | |
| 07 | C6 | C6A | C6B | C6C | C6D | | | | |
| 07 | C7 | C7A | C7B | C7C | C7D | | | | |
| 07 | FUEL | E3A | E3B | E3C | E3D | | | | |
| 07 | FUEL | E4A | E4B | E4C | E4D | | | | |
| 07 | FUEL | E5A | E5B | E5C | E5D | | | | |
| 07 | FUEL | E6A | E6B | E6C | E6D | | | | |
| 07 | FUEL | E7A | E7B | E7C | E7D | | | | |
| 07 | FUEL | D3A | D3B | D3C | D3D | | | | |
| 07 | FUEL | D4A | D4B | D4C | D4D | | | | |
| 07 | FUEL | D6A | D6B | D6C | D6D | | | | |
| 07 | FUEL | D7A | D7B | D7C | D7D | | | | |
| 07 | FUEL | C3A | C3B | C3C | C3D | | | | |
| 07 | FUEL | C4A | C4B | C4C | C4D | | | | |
| 07 | FUEL | C5A | C5B | C5C | C5D | | | | |
| 07 | FUEL | C6A | C6B | C6C | C6D | | | | |
| 07 | FUEL | C7A | C7B | C7C | C7D | | | | |
| 09 | | X | 1 | 11.430000 | | 1 | 13.970000 | 1 | 26.085000 |
| 09 | | X | 1 | 26.352000 | | 1 | 26.720000 | 1 | 26.773000 |
| 09 | | X | 1 | 27.940000 | | 1 | 34.545000 | 1 | 35.039000 |
| 09 | | X | 1 | 41.823000 | | 1 | 42.317000 | 1 | 43.263150 |
| 09 | | X | 2 | 43.910850 | | 1 | 44.857000 | 1 | 45.351000 |
| 09 | | X | 1 | 45.701500 | | 3 | 51.784500 | 1 | 52.135000 |
| 09 | | X | 1 | 52.629000 | | 1 | 53.123000 | 1 | 53.473500 |
| 09 | | X | 1 | 53.816000 | | 2 | 54.451000 | 1 | 54.686100 |
| 09 | | X | 2 | 58.343900 | | 1 | 58.579000 | 2 | 59.214000 |
| 09 | | X | 1 | 59.556500 | | 1 | 59.907000 | 1 | 60.401000 |
| 09 | | X | 1 | 60.895000 | | 1 | 61.245500 | 3 | 67.328500 |
| 09 | | X | 1 | 67.679000 | | 1 | 68.173000 | 1 | 69.119150 |
| 09 | | X | 2 | 69.766850 | | 1 | 70.713000 | 1 | 71.207000 |
| 09 | | X | 1 | 77.991000 | | 1 | 78.485000 | 1 | 85.090000 |
| 09 | | X | 1 | 86.257000 | | 1 | 86.310000 | 1 | 86.678000 |
| 09 | | X | 1 | 86.945000 | | 1 | 99.060000 | 1 | 101.600000 |
| 09 | | X | 1 | 113.030000 | | | | | |
| 09 | | Y | 1 | 26.987 | | 1 | 29.527 | 3 | 49.847 |
| 09 | | Y | 1 | 52.387 | | 1 | 53.977 | 2 | 61.597 |
| 09 | | Y | 1 | 63.187 | | 1 | 63.822 | 1 | 64.457 |
| 09 | | Y | 1 | 64.51 | | 3 | 70.086 | 1 | 70.715 |
| 09 | | Y | 1 | 72.282 | | 1 | 73.46925 | 2 | 74.10425 |
| 09 | | Y | 3 | 78.23175 | | 2 | 78.86675 | | |
| 09 | | Y | 2 | 80.054 | | 2 | 82.8145 | 1 | 85.0655 |
| 09 | | Y | 2 | 87.826 | | 2 | 90.5865 | 1 | 92.8375 |
| 09 | | Y | 2 | 95.598 | | 2 | 97.461 | 1 | 97.6551 |
| 09 | | Y | 1 | 98.090 | | 1 | 100.878 | 1 | 101.3130 |
| 09 | | Y | 1 | 101.507 | | | | | |
| 09 | | Y | 2 | 103.370 | | 2 | 106.1305 | 1 | 108.3815 |
| 09 | | Y | 2 | 111.142 | | 2 | 113.9025 | 1 | 116.1535 |
| 09 | | Y | 2 | 118.914 | | | | | |
| 09 | | Y | 1 | 119.2697 | | 3 | 126.33 | | |

| | | | | | | | | | |
|--|-------|------|---|-----------------|---|-----------------|---|-------------|----------------------------|
| 15 | MNEW | E3B | | | | | | | |
| 15 | MNEW | E3C | | | | | | | |
| 15 | MNEW | E3D | | | | | | | |
| 15 | MNEW | E7A | | | | | | | |
| 15 | MNEW | E7B | | | | | | | |
| 15 | MNEW | E7C | | | | | | | |
| 15 | MNEW | E7D | | | | | | | |
| 15 | MNEW | C3A | | | | | | | |
| 15 | MNEW | C3B | | | | | | | |
| 15 | MNEW | C3C | | | | | | | |
| 15 | MNEW | C3D | | | | | | | |
| 15 | MNEW | C7A | | | | | | | |
| 15 | MNEW | C7B | | | | | | | |
| 15 | MNEW | C7C | | | | | | | |
| 15 | MNEW | C7D | | | | | | | |
| Material composition from EOC at Doppler T600 of rbsc3-step9a run 5-2010 | | | | | | | | | |
| 13 | MTE3A | U5D6 | 0 | 1.67636E-03U6D6 | 0 | 1.39298E-05U8D6 | 0 | 7.03477E-03 | \$ E3A step9a Doppler T600 |
| 13 | MTE3A | P9D6 | 0 | 2.89854E-07P0D6 | 0 | 1.10772E-08P1D6 | 0 | 2.34409E-06 | |
| 13 | MTE3A | P2D6 | 0 | 1.07177E-07FXEB | 0 | 1.15167E-18FI5B | 0 | 1.75473E-18 | |
| 13 | MTE3A | FPMB | 0 | 2.36321E-08FSMB | 0 | 1.36502E-07PFP1 | 0 | 7.14534E-05 | |
| 13 | MTE3A | ODUM | 0 | 3.10848E-06 | | | | | |
| 13 | MTE3B | U5D6 | 0 | 1.63950E-03U6D6 | 0 | 2.06349E-05U8D6 | 0 | 7.03060E-03 | \$ E3B step9a Doppler T600 |
| 13 | MTE3B | P9D6 | 0 | 4.36836E-07P0D6 | 0 | 2.46912E-08P1D6 | 0 | 3.95250E-06 | |
| 13 | MTE3B | P2D6 | 0 | 2.72615E-07FXEB | 0 | 1.33512E-18FI5B | 0 | 2.56648E-18 | |
| 13 | MTE3B | FPMB | 0 | 3.46085E-08FSMB | 0 | 1.34972E-07PFP1 | 0 | 1.05028E-04 | |
| 13 | MTE3B | ODUM | 0 | 4.19805E-06 | | | | | |
| 13 | MTE3C | U5D6 | 0 | 1.63887E-03U6D6 | 0 | 2.07413E-05U8D6 | 0 | 7.03060E-03 | \$ E3C step9a Doppler T600 |
| 13 | MTE3C | P9D6 | 0 | 4.38860E-07P0D6 | 0 | 2.49346E-08P1D6 | 0 | 3.97900E-06 | |
| 13 | MTE3C | P2D6 | 0 | 2.75967E-07FXEB | 0 | 1.33720E-18FI5B | 0 | 2.57907E-18 | |
| 13 | MTE3C | FPMB | 0 | 3.47796E-08FSMB | 0 | 1.34937E-07PFP1 | 0 | 1.05570E-04 | |
| 13 | MTE3C | ODUM | 0 | 4.21509E-06 | | | | | |
| 13 | MTE3D | U5D6 | 0 | 1.67462E-03U6D6 | 0 | 1.42434E-05U8D6 | 0 | 7.03477E-03 | \$ E3D step9a Doppler T600 |
| 13 | MTE3D | P9D6 | 0 | 2.95848E-07P0D6 | 0 | 1.15563E-08P1D6 | 0 | 2.41739E-06 | |
| 13 | MTE3D | P2D6 | 0 | 1.13088E-07FXEB | 0 | 1.16259E-18FI5B | 0 | 1.79221E-18 | |
| 13 | MTE3D | FPMB | 0 | 2.41391E-08FSMB | 0 | 1.36565E-07PFP1 | 0 | 7.30320E-05 | |
| 13 | MTE3D | ODUM | 0 | 3.16120E-06 | | | | | |
| | | | | | | | | | |
| 13 | MTE4A | U5D6 | 0 | 1.52406E-03U6D6 | 0 | 4.12524E-05U8D6 | 0 | 7.01947E-03 | \$ E4A step9a Doppler T600 |
| 13 | MTE4A | P9D6 | 0 | 8.27190E-07P0D6 | 0 | 9.25661E-08P1D6 | 0 | 6.38866E-06 | |
| 13 | MTE4A | P2D6 | 0 | 9.33380E-07FXEB | 0 | 1.15786E-18FI5B | 0 | 1.97754E-18 | |
| 13 | MTE4A | FPMB | 0 | 2.66961E-08FSMB | 0 | 1.26363E-07PFP1 | 0 | 2.09277E-04 | |
| 13 | MTE4A | ODUM | 0 | 1.09068E-05 | | | | | |
| 13 | MTE4B | U5D6 | 0 | 1.42170E-03U6D6 | 0 | 6.01453E-05U8D6 | 0 | 7.00695E-03 | \$ E4B step9a Doppler T600 |
| 13 | MTE4B | P9D6 | 0 | 1.16954E-06P0D6 | 0 | 1.91683E-07P1D6 | 0 | 9.91168E-06 | |
| 13 | MTE4B | P2D6 | 0 | 2.25967E-06FXEB | 0 | 1.26718E-18FI5B | 0 | 2.81599E-18 | |
| 13 | MTE4B | FPMB | 0 | 3.81168E-08FSMB | 0 | 1.19367E-07PFP1 | 0 | 3.02065E-04 | |
| 13 | MTE4B | ODUM | 0 | 1.59478E-05 | | | | | |
| 13 | MTE4C | U5D6 | 0 | 1.42010E-03U6D6 | 0 | 6.04367E-05U8D6 | 0 | 7.00695E-03 | \$ E4C step9a Doppler T600 |
| 13 | MTE4C | P9D6 | 0 | 1.17371E-06P0D6 | 0 | 1.93338E-07P1D6 | 0 | 9.96384E-06 | |
| 13 | MTE4C | P2D6 | 0 | 2.28547E-06FXEB | 0 | 1.26794E-18FI5B | 0 | 2.82802E-18 | |
| 13 | MTE4C | FPMB | 0 | 3.82816E-08FSMB | 0 | 1.19249E-07PFP1 | 0 | 3.03526E-04 | |
| 13 | MTE4C | ODUM | 0 | 1.60341E-05 | | | | | |
| 13 | MTE4D | U5D6 | 0 | 1.51940E-03U6D6 | 0 | 4.21099E-05U8D6 | 0 | 7.01878E-03 | \$ E4D step9a Doppler T600 |
| 13 | MTE4D | P9D6 | 0 | 8.41446E-07P0D6 | 0 | 9.60918E-08P1D6 | 0 | 6.55424E-06 | |
| 13 | MTE4D | P2D6 | 0 | 9.80459E-07FXEB | 0 | 1.16460E-18FI5B | 0 | 2.01273E-18 | |
| 13 | MTE4D | FPMB | 0 | 2.71752E-08FSMB | 0 | 1.26134E-07PFP1 | 0 | 2.13512E-04 | |
| 13 | MTE4D | ODUM | 0 | 1.11175E-05 | | | | | |
| | | | | | | | | | |
| 13 | MTE5A | U5D6 | 0 | 1.49534E-03U6D6 | 0 | 4.64159E-05U8D6 | 0 | 7.01669E-03 | \$ E5A step9a Doppler T600 |
| 13 | MTE5A | P9D6 | 0 | 8.92768E-07P0D6 | 0 | 1.14478E-07P1D6 | 0 | 7.40960E-06 | |
| 13 | MTE5A | P2D6 | 0 | 1.23950E-06FXEB | 0 | 1.19388E-18FI5B | 0 | 2.20369E-18 | |
| 13 | MTE5A | FPMB | 0 | 2.97663E-08FSMB | 0 | 1.24179E-07PFP1 | 0 | 2.35174E-04 | |
| 13 | MTE5A | ODUM | 0 | 1.21780E-05 | | | | | |
| 13 | MTE5B | U5D6 | 0 | 1.38324E-03U6D6 | 0 | 6.71975E-05U8D6 | 0 | 7.00209E-03 | \$ E5B step9a Doppler T600 |
| 13 | MTE5B | P9D6 | 0 | 1.24458E-06P0D6 | 0 | 2.31690E-07P1D6 | 0 | 1.11307E-05 | |
| 13 | MTE5B | P2D6 | 0 | 2.91245E-06FXEB | 0 | 1.27809E-18FI5B | 0 | 3.08081E-18 | |
| 13 | MTE5B | FPMB | 0 | 4.17371E-08FSMB | 0 | 1.16502E-07PFP1 | 0 | 3.36592E-04 | |
| 13 | MTE5B | ODUM | 0 | 1.81224E-05 | | | | | |
| 13 | MTE5C | U5D6 | 0 | 1.38150E-03U6D6 | 0 | 6.75250E-05U8D6 | 0 | 7.00209E-03 | \$ E5C step9a Doppler T600 |
| 13 | MTE5C | P9D6 | 0 | 1.24882E-06P0D6 | 0 | 2.33644E-07P1D6 | 0 | 1.11864E-05 | |
| 13 | MTE5C | P2D6 | 0 | 2.94513E-06FXEB | 0 | 1.27858E-18FI5B | 0 | 3.09346E-18 | |
| 13 | MTE5C | FPMB | 0 | 4.19117E-08FSMB | 0 | 1.16384E-07PFP1 | 0 | 3.38213E-04 | |
| 13 | MTE5C | ODUM | 0 | 1.82295E-05 | | | | | |
| 13 | MTE5D | U5D6 | 0 | 1.49013E-03U6D6 | 0 | 4.73693E-05U8D6 | 0 | 7.01530E-03 | \$ E5D step9a Doppler T600 |
| 13 | MTE5D | P9D6 | 0 | 9.07789E-07P0D6 | 0 | 1.18727E-07P1D6 | 0 | 7.58901E-06 | |
| 13 | MTE5D | P2D6 | 0 | 1.30056E-06FXEB | 0 | 1.19910E-18FI5B | 0 | 2.23880E-18 | |
| 13 | MTE5D | FPMB | 0 | 3.02462E-08FSMB | 0 | 1.23915E-07PFP1 | 0 | 2.39875E-04 | |
| 13 | MTE5D | ODUM | 0 | 1.24228E-05 | | | | | |
| | | | | | | | | | |
| 13 | MTE6A | U5D6 | 0 | 1.58373E-03U6D6 | 0 | 3.06029E-05U8D6 | 0 | 7.02503E-03 | \$ E6A step9a Doppler T600 |
| 13 | MTE6A | P9D6 | 0 | 6.31377E-07P0D6 | 0 | 5.19054E-08P1D6 | 0 | 5.12163E-06 | |

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|----|-------|------|---|-----------------|---|-----------------|---|-------------|----|-----|---------------------|
| 13 | MTE6A | P2D6 | 0 | 5.36697E-07FXEB | 0 | 1.21467E-18FI5B | 0 | 2.10612E-18 | | | |
| 13 | MTE6A | FPMB | 0 | 2.84145E-08FSMB | 0 | 1.30876E-07PFP1 | 0 | 1.55424E-04 | | | |
| 13 | MTE6A | ODUM | 0 | 7.35675E-06 | | | | | | | |
| 13 | MTE6B | U5D6 | 0 | 1.50633E-03U6D6 | 0 | 4.49026E-05U8D6 | 0 | 7.01599E-03 | \$ | E6B | step9a Doppler T600 |
| 13 | MTE6B | P9D6 | 0 | 9.15160E-07P0D6 | 0 | 1.10688E-07P1D6 | 0 | 8.13143E-06 | | | |
| 13 | MTE6B | P2D6 | 0 | 1.31161E-06FXEB | 0 | 1.34791E-18FI5B | 0 | 3.03331E-18 | | | |
| 13 | MTE6B | FPMB | 0 | 4.10139E-08FSMB | 0 | 1.25821E-07PFP1 | 0 | 2.25994E-04 | | | |
| 13 | MTE6B | ODUM | 0 | 1.04166E-05 | | | | | | | |
| 13 | MTE6C | U5D6 | 0 | 1.50501E-03U6D6 | 0 | 4.51328E-05U8D6 | 0 | 7.01599E-03 | \$ | E6C | step9a Doppler T600 |
| 13 | MTE6C | P9D6 | 0 | 9.18915E-07P0D6 | 0 | 1.11725E-07P1D6 | 0 | 8.17942E-06 | | | |
| 13 | MTE6C | P2D6 | 0 | 1.32733E-06FXEB | 0 | 1.34910E-18FI5B | 0 | 3.04722E-18 | | | |
| 13 | MTE6C | FPMB | 0 | 4.12051E-08FSMB | 0 | 1.25730E-07PFP1 | 0 | 2.27142E-04 | | | |
| 13 | MTE6C | ODUM | 0 | 1.04694E-05 | | | | | | | |
| 13 | MTE6D | U5D6 | 0 | 1.58004E-03U6D6 | 0 | 3.12914E-05U8D6 | 0 | 7.02503E-03 | \$ | E6D | step9a Doppler T600 |
| 13 | MTE6D | P9D6 | 0 | 6.43526E-07P0D6 | 0 | 5.40688E-08P1D6 | 0 | 5.26878E-06 | | | |
| 13 | MTE6D | P2D6 | 0 | 5.65953E-07FXEB | 0 | 1.22281E-18FI5B | 0 | 2.14673E-18 | | | |
| 13 | MTE6D | FPMB | 0 | 2.89659E-08FSMB | 0 | 1.30730E-07PFP1 | 0 | 1.58853E-04 | | | |
| 13 | MTE6D | ODUM | 0 | 7.49791E-06 | | | | | | | |
| | | | | | | | | | | | |
| 13 | MTE7A | U5D6 | 0 | 1.66912E-03U6D6 | 0 | 1.52684E-05U8D6 | 0 | 7.03407E-03 | \$ | E7A | step9a Doppler T600 |
| 13 | MTE7A | P9D6 | 0 | 3.15730E-07P0D6 | 0 | 1.32135E-08P1D6 | 0 | 2.65278E-06 | | | |
| 13 | MTE7A | P2D6 | 0 | 1.33275E-07FXEB | 0 | 1.19624E-18FI5B | 0 | 1.91356E-18 | | | |
| 13 | MTE7A | FPMB | 0 | 2.57789E-08FSMB | 0 | 1.36419E-07PFP1 | 0 | 7.80668E-05 | | | |
| 13 | MTE7A | ODUM | 0 | 3.32955E-06 | | | | | | | |
| 13 | MTE7B | U5D6 | 0 | 1.62921E-03U6D6 | 0 | 2.25800E-05U8D6 | 0 | 7.02990E-03 | \$ | E7B | step9a Doppler T600 |
| 13 | MTE7B | P9D6 | 0 | 4.74374E-07P0D6 | 0 | 2.93275E-08P1D6 | 0 | 4.41217E-06 | | | |
| 13 | MTE7B | P2D6 | 0 | 3.34402E-07FXEB | 0 | 1.37281E-18FI5B | 0 | 2.79228E-18 | | | |
| 13 | MTE7B | FPMB | 0 | 3.76683E-08FSMB | 0 | 1.34471E-07PFP1 | 0 | 1.14499E-04 | | | |
| 13 | MTE7B | ODUM | 0 | 4.50730E-06 | | | | | | | |
| 13 | MTE7C | U5D6 | 0 | 1.62851E-03U6D6 | 0 | 2.27024E-05U8D6 | 0 | 7.02990E-03 | \$ | E7C | step9a Doppler T600 |
| 13 | MTE7C | P9D6 | 0 | 4.76676E-07P0D6 | 0 | 2.96314E-08P1D6 | 0 | 4.44263E-06 | | | |
| 13 | MTE7C | P2D6 | 0 | 3.38693E-07FXEB | 0 | 1.37490E-18FI5B | 0 | 2.80675E-18 | | | |
| 13 | MTE7C | FPMB | 0 | 3.78644E-08FSMB | 0 | 1.34423E-07PFP1 | 0 | 1.15125E-04 | | | |
| 13 | MTE7C | ODUM | 0 | 4.52705E-06 | | | | | | | |
| 13 | MTE7D | U5D6 | 0 | 1.66704E-03U6D6 | 0 | 1.56495E-05U8D6 | 0 | 7.03407E-03 | \$ | E7D | step9a Doppler T600 |
| 13 | MTE7D | P9D6 | 0 | 3.22747E-07P0D6 | 0 | 1.38394E-08P1D6 | 0 | 2.74332E-06 | | | |
| 13 | MTE7D | P2D6 | 0 | 1.41391E-07FXEB | 0 | 1.20807E-18FI5B | 0 | 1.95911E-18 | | | |
| 13 | MTE7D | FPMB | 0 | 2.63950E-08FSMB | 0 | 1.36439E-07PFP1 | 0 | 7.99861E-05 | | | |
| 13 | MTE7D | ODUM | 0 | 3.39242E-06 | | | | | | | |
| | | | | | | | | | | | |
| 13 | MTD3A | U5D6 | 0 | 1.60362E-03U6D6 | 0 | 2.69743E-05U8D6 | 0 | 7.02782E-03 | \$ | D3A | step9a Doppler T600 |
| 13 | MTD3A | P9D6 | 0 | 5.61885E-07P0D6 | 0 | 4.06898E-08P1D6 | 0 | 4.33630E-06 | | | |
| 13 | MTD3A | P2D6 | 0 | 3.98873E-07FXEB | 0 | 1.14645E-18FI5B | 0 | 1.80946E-18 | | | |
| 13 | MTD3A | FPMB | 0 | 2.43971E-08FSMB | 0 | 1.32656E-07PFP1 | 0 | 1.37378E-04 | | | |
| 13 | MTD3A | ODUM | 0 | 6.62399E-06 | | | | | | | |
| 13 | MTD3B | U5D6 | 0 | 1.53470E-03U6D6 | 0 | 3.96405E-05U8D6 | 0 | 7.01947E-03 | \$ | D3B | step9a Doppler T600 |
| 13 | MTD3B | P9D6 | 0 | 8.22879E-07P0D6 | 0 | 8.76634E-08P1D6 | 0 | 7.03547E-06 | | | |
| 13 | MTD3B | P2D6 | 0 | 9.90542E-07FXEB | 0 | 1.29771E-18FI5B | 0 | 2.60994E-18 | | | |
| 13 | MTD3B | FPMB | 0 | 3.52587E-08FSMB | 0 | 1.28199E-07PFP1 | 0 | 2.00146E-04 | | | |
| 13 | MTD3B | ODUM | 0 | 9.25800E-06 | | | | | | | |
| 13 | MTD3C | U5D6 | 0 | 1.53352E-03U6D6 | 0 | 3.98401E-05U8D6 | 0 | 7.01947E-03 | \$ | D3C | step9a Doppler T600 |
| 13 | MTD3C | P9D6 | 0 | 8.26286E-07P0D6 | 0 | 8.84771E-08P1D6 | 0 | 7.07858E-06 | | | |
| 13 | MTD3C | P2D6 | 0 | 1.00236E-06FXEB | 0 | 1.29923E-18FI5B | 0 | 2.62225E-18 | | | |
| 13 | MTD3C | FPMB | 0 | 3.54263E-08FSMB | 0 | 1.28122E-07PFP1 | 0 | 2.01154E-04 | | | |
| 13 | MTD3C | ODUM | 0 | 9.30181E-06 | | | | | | | |
| 13 | MTD3D | U5D6 | 0 | 1.60042E-03U6D6 | 0 | 2.75654E-05U8D6 | 0 | 7.02712E-03 | \$ | D3D | step9a Doppler T600 |
| 13 | MTD3D | P9D6 | 0 | 5.72684E-07P0D6 | 0 | 4.23700E-08P1D6 | 0 | 4.46252E-06 | | | |
| 13 | MTD3D | P2D6 | 0 | 4.20188E-07FXEB | 0 | 1.15577E-18FI5B | 0 | 1.84611E-18 | | | |
| 13 | MTD3D | FPMB | 0 | 2.48936E-08FSMB | 0 | 1.32538E-07PFP1 | 0 | 1.40327E-04 | | | |
| 13 | MTD3D | ODUM | 0 | 6.74444E-06 | | | | | | | |
| | | | | | | | | | | | |
| 13 | MTD4A | U5D6 | 0 | 1.44611E-03U6D6 | 0 | 5.55014E-05U8D6 | 0 | 7.01043E-03 | \$ | D4A | step9a Doppler T600 |
| 13 | MTD4A | P9D6 | 0 | 1.07462E-06P0D6 | 0 | 1.61433E-07P1D6 | 0 | 8.21905E-06 | | | |
| 13 | MTD4A | P2D6 | 0 | 1.68505E-06FXEB | 0 | 1.15348E-18FI5B | 0 | 2.08519E-18 | | | |
| 13 | MTD4A | FPMB | 0 | 2.81857E-08FSMB | 0 | 1.21495E-07PFP1 | 0 | 2.79715E-04 | | | |
| 13 | MTD4A | ODUM | 0 | 1.57942E-05 | | | | | | | |
| 13 | MTD4B | U5D6 | 0 | 1.31530E-03U6D6 | 0 | 7.99235E-05U8D6 | 0 | 6.99305E-03 | \$ | D4B | step9a Doppler T600 |
| 13 | MTD4B | P9D6 | 0 | 1.47086E-06P0D6 | 0 | 3.17643E-07P1D6 | 0 | 1.21085E-05 | | | |
| 13 | MTD4B | P2D6 | 0 | 3.93060E-06FXEB | 0 | 1.22031E-18FI5B | 0 | 2.87775E-18 | | | |
| 13 | MTD4B | FPMB | 0 | 3.90264E-08FSMB | 0 | 1.12232E-07PFP1 | 0 | 3.97552E-04 | | | |
| 13 | MTD4B | ODUM | 0 | 2.42872E-05 | | | | | | | |
| 13 | MTD4C | U5D6 | 0 | 1.31321E-03U6D6 | 0 | 8.02990E-05U8D6 | 0 | 6.99305E-03 | \$ | D4C | step9a Doppler T600 |
| 13 | MTD4C | P9D6 | 0 | 1.47538E-06P0D6 | 0 | 3.20146E-07P1D6 | 0 | 1.21634E-05 | | | |
| 13 | MTD4C | P2D6 | 0 | 3.97337E-06FXEB | 0 | 1.22045E-18FI5B | 0 | 2.88915E-18 | | | |
| 13 | MTD4C | FPMB | 0 | 3.91836E-08FSMB | 0 | 1.12079E-07PFP1 | 0 | 3.99367E-04 | | | |
| 13 | MTD4C | ODUM | 0 | 2.44409E-05 | | | | | | | |
| 13 | MTD4D | U5D6 | 0 | 1.44033E-03U6D6 | 0 | 5.65737E-05U8D6 | 0 | 7.00974E-03 | \$ | D4D | step9a Doppler T600 |
| 13 | MTD4D | P9D6 | 0 | 1.09138E-06P0D6 | 0 | 1.66975E-07P1D6 | 0 | 8.40195E-06 | | | |
| 13 | MTD4D | P2D6 | 0 | 1.76335E-06FXEB | 0 | 1.15779E-18FI5B | 0 | 2.11565E-18 | | | |
| 13 | MTD4D | FPMB | 0 | 2.86022E-08FSMB | 0 | 1.21182E-07PFP1 | 0 | 2.84937E-04 | | | |
| 13 | MTD4D | ODUM | 0 | 1.61161E-05 | | | | | | | |

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|----|-------|------|---|-----------------|---|-----------------|---|-------------|----|-----|---------------------|
| 13 | MTD6A | U5D6 | 0 | 1.42865E-03U6D6 | 0 | 5.88755E-05U8D6 | 0 | 7.00765E-03 | \$ | D6A | step9a Doppler T600 |
| 13 | MTD6A | P9D6 | 0 | 1.12775E-06P0D6 | 0 | 1.79923E-07P1D6 | 0 | 8.76704E-06 | | | |
| 13 | MTD6A | P2D6 | 0 | 1.93338E-06FXEB | 0 | 1.16280E-18FI5B | 0 | 2.16843E-18 | | | |
| 13 | MTD6A | FPMB | 0 | 2.93227E-08FSMB | 0 | 1.20223E-07PFP1 | 0 | 2.95675E-04 | | | |
| 13 | MTD6A | ODUM | 0 | 1.67983E-05 | | | | | | | |
| 13 | MTD6B | U5D6 | 0 | 1.29228E-03U6D6 | 0 | 8.45271E-05U8D6 | 0 | 6.98957E-03 | \$ | D6B | step9a Doppler T600 |
| 13 | MTD6B | P9D6 | 0 | 1.53046E-06P0D6 | 0 | 3.49917E-07P1D6 | 0 | 1.27058E-05 | | | |
| 13 | MTD6B | P2D6 | 0 | 4.44033E-06FXEB | 0 | 1.21885E-18FI5B | 0 | 2.98248E-18 | | | |
| 13 | MTD6B | FPMB | 0 | 4.04701E-08FSMB | 0 | 1.10501E-07PFP1 | 0 | 4.18498E-04 | | | |
| 13 | MTD6B | ODUM | 0 | 2.61836E-05 | | | | | | | |
| 13 | MTD6C | U5D6 | 0 | 1.29013E-03U6D6 | 0 | 8.49374E-05U8D6 | 0 | 6.98957E-03 | \$ | D6C | step9a Doppler T600 |
| 13 | MTD6C | P9D6 | 0 | 1.53505E-06P0D6 | 0 | 3.52705E-07P1D6 | 0 | 1.27629E-05 | | | |
| 13 | MTD6C | P2D6 | 0 | 4.48978E-06FXEB | 0 | 1.21892E-18FI5B | 0 | 2.99451E-18 | | | |
| 13 | MTD6C | FPMB | 0 | 4.06363E-08FSMB | 0 | 1.10341E-07PFP1 | 0 | 4.20487E-04 | | | |
| 13 | MTD6C | ODUM | 0 | 2.63623E-05 | | | | | | | |
| 13 | MTD6D | U5D6 | 0 | 1.42211E-03U6D6 | 0 | 6.01043E-05U8D6 | 0 | 7.00765E-03 | \$ | D6D | step9a Doppler T600 |
| 13 | MTD6D | P9D6 | 0 | 1.14604E-06P0D6 | 0 | 1.86474E-07P1D6 | 0 | 8.97288E-06 | | | |
| 13 | MTD6D | P2D6 | 0 | 2.03004E-06FXEB | 0 | 1.16690E-18FI5B | 0 | 2.20195E-18 | | | |
| 13 | MTD6D | FPMB | 0 | 2.97809E-08FSMB | 0 | 1.19854E-07PFP1 | 0 | 3.01634E-04 | | | |
| 13 | MTD6D | ODUM | 0 | 1.71801E-05 | | | | | | | |
| 13 | MTD7A | U5D6 | 0 | 1.59159E-03U6D6 | 0 | 2.93602E-05U8D6 | 0 | 7.02573E-03 | \$ | D7A | step9a Doppler T600 |
| 13 | MTD7A | P9D6 | 0 | 6.10960E-07P0D6 | 0 | 4.78303E-08P1D6 | 0 | 4.80911E-06 | | | |
| 13 | MTD7A | P2D6 | 0 | 4.83150E-07FXEB | 0 | 1.18581E-18FI5B | 0 | 1.95612E-18 | | | |
| 13 | MTD7A | FPMB | 0 | 2.63860E-08FSMB | 0 | 1.32357E-07PFP1 | 0 | 1.48547E-04 | | | |
| 13 | MTD7A | ODUM | 0 | 7.10570E-06 | | | | | | | |
| 13 | MTD7B | U5D6 | 0 | 1.51857E-03U6D6 | 0 | 4.29541E-05U8D6 | 0 | 7.01739E-03 | \$ | D7B | step9a Doppler T600 |
| 13 | MTD7B | P9D6 | 0 | 8.89152E-07P0D6 | 0 | 1.01627E-07P1D6 | 0 | 7.65925E-06 | | | |
| 13 | MTD7B | P2D6 | 0 | 1.17615E-06FXEB | 0 | 1.32691E-18FI5B | 0 | 2.79694E-18 | | | |
| 13 | MTD7B | FPMB | 0 | 3.78067E-08FSMB | 0 | 1.27643E-07PFP1 | 0 | 2.15243E-04 | | | |
| 13 | MTD7B | ODUM | 0 | 9.98957E-06 | | | | | | | |
| 13 | MTD7C | U5D6 | 0 | 1.51739E-03U6D6 | 0 | 4.31822E-05U8D6 | 0 | 7.01669E-03 | \$ | D7C | step9a Doppler T600 |
| 13 | MTD7C | P9D6 | 0 | 8.92907E-07P0D6 | 0 | 1.02608E-07P1D6 | 0 | 7.70723E-06 | | | |
| 13 | MTD7C | P2D6 | 0 | 1.19082E-06FXEB | 0 | 1.32844E-18FI5B | 0 | 2.81092E-18 | | | |
| 13 | MTD7C | FPMB | 0 | 3.79972E-08FSMB | 0 | 1.27559E-07PFP1 | 0 | 2.16377E-04 | | | |
| 13 | MTD7C | ODUM | 0 | 1.00410E-05 | | | | | | | |
| 13 | MTD7D | U5D6 | 0 | 1.58776E-03U6D6 | 0 | 3.00730E-05U8D6 | 0 | 7.02503E-03 | \$ | D7D | step9a Doppler T600 |
| 13 | MTD7D | P9D6 | 0 | 6.23519E-07P0D6 | 0 | 4.99826E-08P1D6 | 0 | 4.96106E-06 | | | |
| 13 | MTD7D | P2D6 | 0 | 5.11627E-07FXEB | 0 | 1.19583E-18FI5B | 0 | 2.00014E-18 | | | |
| 13 | MTD7D | FPMB | 0 | 2.69833E-08FSMB | 0 | 1.32197E-07PFP1 | 0 | 1.52079E-04 | | | |
| 13 | MTD7D | ODUM | 0 | 7.25174E-06 | | | | | | | |
| 13 | MTC3A | U5D6 | 0 | 1.67622E-03U6D6 | 0 | 1.39548E-05U8D6 | 0 | 7.03477E-03 | \$ | C3A | step9a Doppler T600 |
| 13 | MTC3A | P9D6 | 0 | 2.91113E-07P0D6 | 0 | 1.11439E-08P1D6 | 0 | 2.34882E-06 | | | |
| 13 | MTC3A | P2D6 | 0 | 1.07566E-07FXEB | 0 | 1.15271E-18FI5B | 0 | 1.75772E-18 | | | |
| 13 | MTC3A | FPMB | 0 | 2.36725E-08FSMB | 0 | 1.36523E-07PFP1 | 0 | 7.15577E-05 | | | |
| 13 | MTC3A | ODUM | 0 | 3.11252E-06 | | | | | | | |
| 13 | MTC3B | U5D6 | 0 | 1.63936E-03U6D6 | 0 | 2.06752E-05U8D6 | 0 | 7.03060E-03 | \$ | C3B | step9a Doppler T600 |
| 13 | MTC3B | P9D6 | 0 | 4.39235E-07P0D6 | 0 | 2.48693E-08P1D6 | 0 | 3.95960E-06 | | | |
| 13 | MTC3B | P2D6 | 0 | 2.73560E-07FXEB | 0 | 1.33630E-18FI5B | 0 | 2.57121E-18 | | | |
| 13 | MTC3B | FPMB | 0 | 3.46725E-08FSMB | 0 | 1.34993E-07PFP1 | 0 | 1.05181E-04 | | | |
| 13 | MTC3B | ODUM | 0 | 4.20417E-06 | | | | | | | |
| 13 | MTC3C | U5D6 | 0 | 1.63873E-03U6D6 | 0 | 2.07816E-05U8D6 | 0 | 7.03060E-03 | \$ | C3C | step9a Doppler T600 |
| 13 | MTC3C | P9D6 | 0 | 4.41280E-07P0D6 | 0 | 2.51154E-08P1D6 | 0 | 3.98616E-06 | | | |
| 13 | MTC3C | P2D6 | 0 | 2.76926E-07FXEB | 0 | 1.33839E-18FI5B | 0 | 2.58387E-18 | | | |
| 13 | MTC3C | FPMB | 0 | 3.48442E-08FSMB | 0 | 1.34958E-07PFP1 | 0 | 1.05723E-04 | | | |
| 13 | MTC3C | ODUM | 0 | 4.22135E-06 | | | | | | | |
| 13 | MTC3D | U5D6 | 0 | 1.67448E-03U6D6 | 0 | 1.42691E-05U8D6 | 0 | 7.03477E-03 | \$ | C3D | step9a Doppler T600 |
| 13 | MTC3D | P9D6 | 0 | 2.97156E-07P0D6 | 0 | 1.16273E-08P1D6 | 0 | 2.42225E-06 | | | |
| 13 | MTC3D | P2D6 | 0 | 1.13498E-07FXEB | 0 | 1.16363E-18FI5B | 0 | 1.79534E-18 | | | |
| 13 | MTC3D | FPMB | 0 | 2.41808E-08FSMB | 0 | 1.36586E-07PFP1 | 0 | 7.31363E-05 | | | |
| 13 | MTC3D | ODUM | 0 | 3.16530E-06 | | | | | | | |
| 13 | MTC4A | U5D6 | 0 | 1.59402E-03U6D6 | 0 | 2.87337E-05U8D6 | 0 | 7.02643E-03 | \$ | C4A | step9a Doppler T600 |
| 13 | MTC4A | P9D6 | 0 | 5.98846E-07P0D6 | 0 | 4.62357E-08P1D6 | 0 | 4.72510E-06 | | | |
| 13 | MTC4A | P2D6 | 0 | 4.59861E-07FXEB | 0 | 1.19889E-18FI5B | 0 | 2.02267E-18 | | | |
| 13 | MTC4A | FPMB | 0 | 2.72809E-08FSMB | 0 | 1.31592E-07PFP1 | 0 | 1.46134E-04 | | | |
| 13 | MTC4A | ODUM | 0 | 6.97427E-06 | | | | | | | |
| 13 | MTC4B | U5D6 | 0 | 1.52072E-03U6D6 | 0 | 4.22163E-05U8D6 | 0 | 7.01808E-03 | \$ | C4B | step9a Doppler T600 |
| 13 | MTC4B | P9D6 | 0 | 8.72323E-07P0D6 | 0 | 9.91933E-08P1D6 | 0 | 7.58762E-06 | | | |
| 13 | MTC4B | P2D6 | 0 | 1.13609E-06FXEB | 0 | 1.33943E-18FI5B | 0 | 2.91732E-18 | | | |
| 13 | MTC4B | FPMB | 0 | 3.94305E-08FSMB | 0 | 1.26843E-07PFP1 | 0 | 2.12816E-04 | | | |
| 13 | MTC4B | ODUM | 0 | 9.81572E-06 | | | | | | | |
| 13 | MTC4C | U5D6 | 0 | 1.51961E-03U6D6 | 0 | 4.24249E-05U8D6 | 0 | 7.01808E-03 | \$ | C4C | step9a Doppler T600 |
| 13 | MTC4C | P9D6 | 0 | 8.75869E-07P0D6 | 0 | 1.00090E-07P1D6 | 0 | 7.63213E-06 | | | |
| 13 | MTC4C | P2D6 | 0 | 1.14937E-06FXEB | 0 | 1.34068E-18FI5B | 0 | 2.93039E-18 | | | |
| 13 | MTC4C | FPMB | 0 | 3.96092E-08FSMB | 0 | 1.26759E-07PFP1 | 0 | 2.13860E-04 | | | |
| 13 | MTC4C | ODUM | 0 | 9.86161E-06 | | | | | | | |
| 13 | MTC4D | U5D6 | 0 | 1.59068E-03U6D6 | 0 | 2.93338E-05U8D6 | 0 | 7.02643E-03 | \$ | C4D | step9a Doppler T600 |
| 13 | MTC4D | P9D6 | 0 | 6.09854E-07P0D6 | 0 | 4.80542E-08P1D6 | 0 | 4.85334E-06 | | | |

| | | | | | | | | | |
|----|---|---------------------------------|------|-----------------|-------------|-----------------|---|-------------|----------------------------|
| 13 | MTC4D | P2D6 | 0 | 4.83220E-07FXEB | 0 | 1.20695E-18FI5B | 0 | 2.06001E-18 | |
| 13 | MTC4D | FPMB | 0 | 2.77879E-08FSMB | 0 | 1.31474E-07PFP1 | 0 | 1.49117E-04 | |
| 13 | MTC4D | ODUM | 0 | 7.09666E-06 | | | | | |
| 13 | MTC5A | U5D6 | 0 | 1.50494E-03U6D6 | 0 | 4.46530E-05U8D6 | 0 | 7.01739E-03 | \$ C5A step9a Doppler T600 |
| 13 | MTC5A | P9D6 | 0 | 8.66203E-07P0D6 | 0 | 1.06919E-07P1D6 | 0 | 7.08762E-06 | |
| 13 | MTC5A | P2D6 | 0 | 1.12385E-06FXEB | 0 | 1.19910E-18FI5B | 0 | 2.20716E-18 | |
| 13 | MTC5A | FPMB | 0 | 2.98088E-08FSMB | 0 | 1.24875E-07PFP1 | 0 | 2.26453E-04 | |
| 13 | MTC5A | ODUM | 0 | 1.17288E-05 | | | | | |
| 13 | MTC5B | U5D6 | 0 | 1.39659E-03U6D6 | 0 | 6.47191E-05U8D6 | 0 | 7.00417E-03 | \$ C5B step9a Doppler T600 |
| 13 | MTC5B | P9D6 | 0 | 1.21293E-06P0D6 | 0 | 2.17559E-07P1D6 | 0 | 1.07385E-05 | |
| 13 | MTC5B | P2D6 | 0 | 2.66266E-06FXEB | 0 | 1.28776E-18FI5B | 0 | 3.09193E-18 | |
| 13 | MTC5B | FPMB | 0 | 4.18776E-08FSMB | 0 | 1.17497E-07PFP1 | 0 | 3.24576E-04 | |
| 13 | MTC5B | ODUM | 0 | 1.73296E-05 | | | | | |
| 13 | MTC5C | U5D6 | 0 | 1.39492E-03U6D6 | 0 | 6.50243E-05U8D6 | 0 | 7.00417E-03 | \$ C5C step9a Doppler T600 |
| 13 | MTC5C | P9D6 | 0 | 1.21704E-06P0D6 | 0 | 2.19367E-07P1D6 | 0 | 1.07914E-05 | |
| 13 | MTC5C | P2D6 | 0 | 2.69207E-06FXEB | 0 | 1.28825E-18FI5B | 0 | 3.10473E-18 | |
| 13 | MTC5C | FPMB | 0 | 4.20535E-08FSMB | 0 | 1.17371E-07PFP1 | 0 | 3.26106E-04 | |
| 13 | MTC5C | ODUM | 0 | 1.74270E-05 | | | | | |
| 13 | MTC5D | U5D6 | 0 | 1.50021E-03U6D6 | 0 | 4.55271E-05U8D6 | 0 | 7.01669E-03 | \$ C5D step9a Doppler T600 |
| 13 | MTC5D | P9D6 | 0 | 8.80389E-07P0D6 | 0 | 1.10744E-07P1D6 | 0 | 7.25382E-06 | |
| 13 | MTC5D | P2D6 | 0 | 1.17656E-06FXEB | 0 | 1.20466E-18FI5B | 0 | 2.24277E-18 | |
| 13 | MTC5D | FPMB | 0 | 3.02935E-08FSMB | 0 | 1.24652E-07PFP1 | 0 | 2.30751E-04 | |
| 13 | MTC5D | ODUM | 0 | 1.19492E-05 | | | | | |
| 13 | MTC6A | U5D6 | 0 | 1.50967E-03U6D6 | 0 | 4.40675E-05U8D6 | 0 | 7.01739E-03 | \$ C6A step9a Doppler T600 |
| 13 | MTC6A | P9D6 | 0 | 8.77469E-07P0D6 | 0 | 1.04889E-07P1D6 | 0 | 6.89736E-06 | |
| 13 | MTC6A | P2D6 | 0 | 1.08853E-06FXEB | 0 | 1.16801E-18FI5B | 0 | 2.04645E-18 | |
| 13 | MTC6A | FPMB | 0 | 2.76363E-08FSMB | 0 | 1.25348E-07PFP1 | 0 | 2.22594E-04 | |
| 13 | MTC6A | ODUM | 0 | 1.15932E-05 | | | | | |
| 13 | MTC6B | U5D6 | 0 | 1.40229E-03U6D6 | 0 | 6.40362E-05U8D6 | 0 | 7.00417E-03 | \$ C6B step9a Doppler T600 |
| 13 | MTC6B | P9D6 | 0 | 1.23171E-06P0D6 | 0 | 2.14847E-07P1D6 | 0 | 1.05299E-05 | |
| 13 | MTC6B | P2D6 | 0 | 2.59152E-06FXEB | 0 | 1.26871E-18FI5B | 0 | 2.90716E-18 | |
| 13 | MTC6B | FPMB | 0 | 3.93700E-08FSMB | 0 | 1.17969E-07PFP1 | 0 | 3.19944E-04 | |
| 13 | MTC6B | ODUM | 0 | 1.71120E-05 | | | | | |
| 13 | MTC6C | U5D6 | 0 | 1.40056E-03U6D6 | 0 | 6.43588E-05U8D6 | 0 | 7.00417E-03 | \$ C6C step9a Doppler T600 |
| 13 | MTC6C | P9D6 | 0 | 1.23616E-06P0D6 | 0 | 2.16739E-07P1D6 | 0 | 1.05862E-05 | |
| 13 | MTC6C | P2D6 | 0 | 2.62197E-06FXEB | 0 | 1.26933E-18FI5B | 0 | 2.91975E-18 | |
| 13 | MTC6C | FPMB | 0 | 3.95431E-08FSMB | 0 | 1.17844E-07PFP1 | 0 | 3.21544E-04 | |
| 13 | MTC6C | ODUM | 0 | 1.72135E-05 | | | | | |
| 13 | MTC6D | U5D6 | 0 | 1.50424E-03U6D6 | 0 | 4.50605E-05U8D6 | 0 | 7.01669E-03 | \$ C6D step9a Doppler T600 |
| 13 | MTC6D | P9D6 | 0 | 8.93324E-07P0D6 | 0 | 1.09152E-07P1D6 | 0 | 7.08693E-06 | |
| 13 | MTC6D | P2D6 | 0 | 1.14791E-06FXEB | 0 | 1.17455E-18FI5B | 0 | 2.08414E-18 | |
| 13 | MTC6D | FPMB | 0 | 2.81502E-08FSMB | 0 | 1.25070E-07PFP1 | 0 | 2.27483E-04 | |
| 13 | MTC6D | ODUM | 0 | 1.18421E-05 | | | | | |
| 13 | MTC7A | U5D6 | 0 | 1.67017E-03U6D6 | 0 | 1.50869E-05U8D6 | 0 | 7.03407E-03 | \$ C7A step9a Doppler T600 |
| 13 | MTC7A | P9D6 | 0 | 3.12399E-07P0D6 | 0 | 1.29200E-08P1D6 | 0 | 2.60925E-06 | |
| 13 | MTC7A | P2D6 | 0 | 1.29458E-07FXEB | 0 | 1.19033E-18FI5B | 0 | 1.89089E-18 | |
| 13 | MTC7A | FPMB | 0 | 2.54729E-08FSMB | 0 | 1.36460E-07PFP1 | 0 | 7.71488E-05 | |
| 13 | MTC7A | ODUM | 0 | 3.29951E-06 | | | | | |
| 13 | MTC7B | U5D6 | 0 | 1.63060E-03U6D6 | 0 | 2.23248E-05U8D6 | 0 | 7.02990E-03 | \$ C7B step9a Doppler T600 |
| 13 | MTC7B | P9D6 | 0 | 4.69103E-07P0D6 | 0 | 2.86752E-08P1D6 | 0 | 4.35070E-06 | |
| 13 | MTC7B | P2D6 | 0 | 3.25800E-07FXEB | 0 | 1.36794E-18FI5B | 0 | 2.76092E-18 | |
| 13 | MTC7B | FPMB | 0 | 3.72441E-08FSMB | 0 | 1.34548E-07PFP1 | 0 | 1.13241E-04 | |
| 13 | MTC7B | ODUM | 0 | 4.46648E-06 | | | | | |
| 13 | MTC7C | U5D6 | 0 | 1.62990E-03U6D6 | 0 | 2.24451E-05U8D6 | 0 | 7.02990E-03 | \$ C7C step9a Doppler T600 |
| 13 | MTC7C | P9D6 | 0 | 4.71370E-07P0D6 | 0 | 2.89708E-08P1D6 | 0 | 4.38074E-06 | |
| 13 | MTC7C | P2D6 | 0 | 3.29972E-07FXEB | 0 | 1.37003E-18FI5B | 0 | 2.77517E-18 | |
| 13 | MTC7C | FPMB | 0 | 3.74374E-08FSMB | 0 | 1.34506E-07PFP1 | 0 | 1.13853E-04 | |
| 13 | MTC7C | ODUM | 0 | 4.48588E-06 | | | | | |
| 13 | MTC7D | U5D6 | 0 | 1.66808E-03U6D6 | 0 | 1.54631E-05U8D6 | 0 | 7.03407E-03 | \$ C7D step9a Doppler T600 |
| 13 | MTC7D | P9D6 | 0 | 3.19318E-07P0D6 | 0 | 1.35306E-08P1D6 | 0 | 2.69847E-06 | |
| 13 | MTC7D | P2D6 | 0 | 1.37344E-07FXEB | 0 | 1.20216E-18FI5B | 0 | 1.93588E-18 | |
| 13 | MTC7D | FPMB | 0 | 2.60807E-08FSMB | 0 | 1.36481E-07PFP1 | 0 | 7.90403E-05 | |
| 13 | MTC7D | ODUM | 0 | 3.36175E-06 | | | | | |
| 01 | water in Be, G and Radiation Basket different from Ken's setup 9/98 | | | | | | | | |
| 13 | FALSI | ALF4 | 0 | 3.88984E-02SIF4 | 0 | 5.94365E-03 | | | |
| 13 | H2OBE | BE-H | 0 | 6.68610E-02BE-O | 0 | 3.34305E-02 | | | |
| 13 | H2OG | G-H | 0 | 6.68610E-02G-O | 0 | 3.34305E-02 | | | |
| 13 | H2ORB | RB-H | 0 | 6.68610E-02RB-O | 0 | 3.34305E-02 | | | |
| 13 | H2OR | HH2O | 0 | 6.68610E-02OH2O | 0 | 3.34305E-02 | | | |
| 01 | 13 | different Graphite density 9/98 | | | | | | | |
| 01 | 13 | GRAF | GRAF | 0 | 8.52340E-02 | | | | |
| 13 | GRAF | GRAF | 0 | 8.02300E-02 | | | | | |
| 13 | H2OS | HS4 | 0 | 6.68610E-02OS4 | 0 | 3.34305E-02 | | | |
| 13 | H2OCR | CRH | 0 | 6.68610E-02CRO | 0 | 3.34305E-02 | | | |
| 13 | ALS | ALS4 | 0 | 6.02669E-02B10S | 0 | 2.98636E-07B11S | 0 | 1.21115E-06 | |
| 13 | ALCR | CRA4 | 0 | 6.02669E-02B10S | 0 | 2.98636E-07B11S | 0 | 1.21115E-06 | |

| | | | | | | | | |
|----|------|-------|---------|-----------------|---------|-----------------|---------|-------------|
| 13 | ALB | ALB | 0 | 6.02669E-02B10B | 0 | 2.98636E-07B11B | 0 | 1.21115E-06 |
| 13 | ALBX | ALB | 0 | 5.60774E-02SIB | 0 | 4.06809E-03MGB | 0 | 2.01411E-04 |
| 13 | LEAD | PBS | 0 | 3.29620E-02 | | | | |
| 13 | BE | BET | 0 | 1.23640E-01 | | | | |
| 13 | ALP | ALT | 0 | 6.02669E-02 | | | | |
| 14 | FE3A | MTE3A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE3A | FALSI | 0.14380 | | | | | |
| 14 | FE3B | MTE3B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE3B | FALSI | 0.14380 | | | | | |
| 14 | FE3C | MTE3C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE3C | FALSI | 0.14380 | | | | | |
| 14 | FE3D | MTE3D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE3D | FALSI | 0.14380 | | | | | |
| 14 | FE7A | MTE7A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE7A | FALSI | 0.14380 | | | | | |
| 14 | FE7B | MTE7B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE7B | FALSI | 0.14380 | | | | | |
| 14 | FE7C | MTE7C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE7C | FALSI | 0.14380 | | | | | |
| 14 | FE7D | MTE7D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE7D | FALSI | 0.14380 | | | | | |
| 14 | FC3A | MTC3A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC3A | FALSI | 0.14380 | | | | | |
| 14 | FC3B | MTC3B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC3B | FALSI | 0.14380 | | | | | |
| 14 | FC3C | MTC3C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC3C | FALSI | 0.14380 | | | | | |
| 14 | FC3D | MTC3D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC3D | FALSI | 0.14380 | | | | | |
| 14 | FC7A | MTC7A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC7A | FALSI | 0.14380 | | | | | |
| 14 | FC7B | MTC7B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC7B | FALSI | 0.14380 | | | | | |
| 14 | FC7C | MTC7C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC7C | FALSI | 0.14380 | | | | | |
| 14 | FC7D | MTC7D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FC7D | FALSI | 0.14380 | | | | | |
| 14 | FE4A | MTE4A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE4A | FALSI | 0.14380 | | | | | |
| 14 | FE4B | MTE4B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE4B | FALSI | 0.14380 | | | | | |
| 14 | FE4C | MTE4C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE4C | FALSI | 0.14380 | | | | | |
| 14 | FE4D | MTE4D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE4D | FALSI | 0.14380 | | | | | |
| 14 | FE5A | MTE5A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE5A | FALSI | 0.14380 | | | | | |
| 14 | FE5B | MTE5B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE5B | FALSI | 0.14380 | | | | | |
| 14 | FE5C | MTE5C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE5C | FALSI | 0.14380 | | | | | |
| 14 | FE5D | MTE5D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE5D | FALSI | 0.14380 | | | | | |
| 14 | FE6A | MTE6A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE6A | FALSI | 0.14380 | | | | | |
| 14 | FE6B | MTE6B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE6B | FALSI | 0.14380 | | | | | |
| 14 | FE6C | MTE6C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE6C | FALSI | 0.14380 | | | | | |
| 14 | FE6D | MTE6D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FE6D | FALSI | 0.14380 | | | | | |
| 14 | FD3A | MTD3A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD3A | FALSI | 0.14380 | | | | | |
| 14 | FD3B | MTD3B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD3B | FALSI | 0.14380 | | | | | |
| 14 | FD3C | MTD3C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD3C | FALSI | 0.14380 | | | | | |
| 14 | FD3D | MTD3D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD3D | FALSI | 0.14380 | | | | | |
| 14 | FD4A | MTD4A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD4A | FALSI | 0.14380 | | | | | |
| 14 | FD4B | MTD4B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD4B | FALSI | 0.14380 | | | | | |
| 14 | FD4C | MTD4C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 | |
| 14 | FD4C | FALSI | 0.14380 | | | | | |

| | | | | | | | |
|----|------|-------|---------|------|---------|-----|---------|
| 14 | FD4D | MTD4D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD4D | FALSI | 0.14380 | | | | |
| 14 | FD6A | MTD6A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD6A | FALSI | 0.14380 | | | | |
| 14 | FD6B | MTD6B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD6B | FALSI | 0.14380 | | | | |
| 14 | FD6C | MTD6C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD6C | FALSI | 0.14380 | | | | |
| 14 | FD6D | MTD6D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD6D | FALSI | 0.14380 | | | | |
| 14 | FD7A | MTD7A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD7A | FALSI | 0.14380 | | | | |
| 14 | FD7B | MTD7B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD7B | FALSI | 0.14380 | | | | |
| 14 | FD7C | MTD7C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD7C | FALSI | 0.14380 | | | | |
| 14 | FD7D | MTD7D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FD7D | FALSI | 0.14380 | | | | |
| 14 | FC4A | MTC4A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC4A | FALSI | 0.14380 | | | | |
| 14 | FC4B | MTC4B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC4B | FALSI | 0.14380 | | | | |
| 14 | FC4C | MTC4C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC4C | FALSI | 0.14380 | | | | |
| 14 | FC4D | MTC4D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC4D | FALSI | 0.14380 | | | | |
| 14 | FC5A | MTC5A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC5A | FALSI | 0.14380 | | | | |
| 14 | FC5B | MTC5B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC5B | FALSI | 0.14380 | | | | |
| 14 | FC5C | MTC5C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC5C | FALSI | 0.14380 | | | | |
| 14 | FC5D | MTC5D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC5D | FALSI | 0.14380 | | | | |
| 14 | FC6A | MTC6A | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC6A | FALSI | 0.14380 | | | | |
| 14 | FC6B | MTC6B | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC6B | FALSI | 0.14380 | | | | |
| 14 | FC6C | MTC6C | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC6C | FALSI | 0.14380 | | | | |
| 14 | FC6D | MTC6D | 0.14380 | CLAD | 0.21570 | MOD | 0.64050 |
| 14 | FC6D | FALSI | 0.14380 | | | | |
| | | | | | | | |
| 14 | ME3A | FE3A | 1.00000 | | | | |
| 14 | ME3B | FE3B | 1.00000 | | | | |
| 14 | ME3C | FE3C | 1.00000 | | | | |
| 14 | ME3D | FE3D | 1.00000 | | | | |
| 14 | ME7A | FE7A | 1.00000 | | | | |
| 14 | ME7B | FE7B | 1.00000 | | | | |
| 14 | ME7C | FE7C | 1.00000 | | | | |
| 14 | ME7D | FE7D | 1.00000 | | | | |
| 14 | MC3A | FC3A | 1.00000 | | | | |
| 14 | MC3B | FC3B | 1.00000 | | | | |
| 14 | MC3C | FC3C | 1.00000 | | | | |
| 14 | MC3D | FC3D | 1.00000 | | | | |
| 14 | MC7A | FC7A | 1.00000 | | | | |
| 14 | MC7B | FC7B | 1.00000 | | | | |
| 14 | MC7C | FC7C | 1.00000 | | | | |
| 14 | MC7D | FC7D | 1.00000 | | | | |
| | | | | | | | |
| 14 | ME4A | FE4A | 1.00000 | | | | |
| 14 | ME4B | FE4B | 1.00000 | | | | |
| 14 | ME4C | FE4C | 1.00000 | | | | |
| 14 | ME4D | FE4D | 1.00000 | | | | |
| 14 | ME5A | FE5A | 1.00000 | | | | |
| 14 | ME5B | FE5B | 1.00000 | | | | |
| 14 | ME5C | FE5C | 1.00000 | | | | |
| 14 | ME5D | FE5D | 1.00000 | | | | |
| 14 | ME6A | FE6A | 1.00000 | | | | |
| 14 | ME6B | FE6B | 1.00000 | | | | |
| 14 | ME6C | FE6C | 1.00000 | | | | |
| 14 | ME6D | FE6D | 1.00000 | | | | |
| 14 | MD3A | FD3A | 1.00000 | | | | |
| 14 | MD3B | FD3B | 1.00000 | | | | |
| 14 | MD3C | FD3C | 1.00000 | | | | |
| 14 | MD3D | FD3D | 1.00000 | | | | |
| 14 | MD4A | FD4A | 1.00000 | | | | |
| 14 | MD4B | FD4B | 1.00000 | | | | |
| 14 | MD4C | FD4C | 1.00000 | | | | |
| 14 | MD4D | FD4D | 1.00000 | | | | |
| 14 | MD6A | FD6A | 1.00000 | | | | |

```

14      MD6B  FD6B  1.00000
14      MD6C  FD6C  1.00000
14      MD6D  FD6D  1.00000
14      MD7A  FD7A  1.00000
14      MD7B  FD7B  1.00000
14      MD7C  FD7C  1.00000
14      MD7D  FD7D  1.00000
14      MC4A  FC4A  1.00000
14      MC4B  FC4B  1.00000
14      MC4C  FC4C  1.00000
14      MC4D  FC4D  1.00000
14      MC5A  FC5A  1.00000
14      MC5B  FC5B  1.00000
14      MC5C  FC5C  1.00000
14      MC5D  FC5D  1.00000
14      MC6A  FC6A  1.00000
14      MC6B  FC6B  1.00000
14      MC6C  FC6C  1.00000
14      MC6D  FC6D  1.00000
01 Be block, Graphite block, and Be plug composition are different 9/18
01 14      BEBLK H2OBE 0.04178 BE 0.95822
01 14      BETRP H2OBE 0.03873 BE 0.96127
01 14      REFGR H2OG 0.14165 ALB 0.07113 GRAF 0.78722
14      BEBLK H2OBE 0.04620 BE 0.95380
14      BETPI H2OBE 0.08942 BE 0.91058
14      BETPO H2OBE 0.02478 BE 0.97522
14      REFGR H2OG 0.07348 ALB 0.03922 GRAF 0.88730
01 sideplate composition is different 9/98
01 14      SIDES H2OS 0.32360 ALS 0.67640
14      SIDES H2OS 0.29235 ALS 0.70765
14      AXH2O H2ORB 0.77100 ALB 0.05315 ALBX 0.17585
14      CNTL H2OS 0.76496 ALS 0.23504
01 Reg rod out composition is different 9/98
01 14      REGO H2OS 0.68347 ALS 0.31653
14      REGO H2OCR 0.84580 ALCR 0.15420
14      REGI1 H2OCR 0.16000 ALCR 0.84000
14      REGI2 H2OCR 0.91000 ALCR 0.09000
14      ROD CRSS 0 1.81655E-02MNSS 0 1.44994E-03FESS 0 5.75879E-02
14      ROD NISS 0 7.81564E-03
01 CNTLO use detail CR xs for water, composition same 9/98
14      CNTLO H2OCR 0.76496 ALCR 0.23504
14      CNTLI H2OS 0.53238 ALS 0.46762
14      BLADE B10C 0 7.92800E-03B11C 0 3.21530E-02C12C 0 1.00200E-02
14      BLADE ALC 0 3.81090E-02
14      POSTS H2ORB 0.50 ALB 0.50
14      BLOK1 H2ORB 0.04316 ALS 0.95684
14      BLOK2 H2ORB 0.57127 ALS 0.42873
14      BLOK3 H2ORB 0.01065 BE 0.98935
01 plug not used 14 PLUG ALP 1.0
14      GBOX H2ORB 0.37264 ALB 0.62726
14      GRID H2ORB 0.60 ALB 0.40
14      REFH2OH2OR 1.0
14      GUIDE ALCR 1.0
14      BOX ALB 1.0
14      SHIELDLEAD 1.0
14      THERM GRAF 1.0
15      SIDES S1 S2 S3 S4 S5 S6
15      REFH2OH2ORFOH2ORFIFC RB3 RB4 RB5 CIC
15      BETPO TRAP
15      BETPI HOLE
15      REGO REGOUT
15      REGI1 REGIN1
15      REGI2 REGIN2
15      ROD ROD1
01 removed RBBL2S & RBBL2E, replace with G-E9
15      BLOK1 RBBL3SRBBL4SRBBL5S
15      BLOK2 RBBL3ERBBL4ERBBL5E
15      BEBLK BEF5A BEF6A BEEC8 BE-E2
15      BEBLK BE-C2 BE-F9
15      GRID GRID
15      AXH2O AXREFTAXREFB
15      GUIDE G1 G2 G3 G4 G5 G6
15      CNTLO CNTL10CNTL20CNTL30CNTL40
15      CNTLI CNTL11CNTL21CNTL31CNTL41
15      BLADE BLADE1BLADE2BLADE3BLADE4
15      REFGR GRAF1 GRAF5 GRAF6 GRAG1 GRAG2
15      REFGR G-E9
15      GBOX GSBOX
15      SHIELDSHIELD
15      THERM TC1 TC2
15      POSTS POST3 POST4 POST1 POST2

```

```
15    BOX    GBOX  TCB1  TCB2
1  move E4  to D4, E5
15    ME4A   E5A
15    ME4B   E5B
15    ME4C   E5C
15    ME4D   E5D
```

Take E5 out

```
15    ME5A   D4A
15    ME5B   D4B
15    ME5C   D4C
15    ME5D   D4D
```

2 MOVE E6 TO E5, D6

```
15    ME6A   D6A
15    ME6B   D6B
15    ME6C   D6C
15    ME6D   D6D
```

3 MOVE D3 TO E4

```
15    MD3A   E4A
15    MD3B   E4B
15    MD3C   E4C
15    MD3D   E4D
```

TAKE D4 OUT

```
15    MD4A   D4A
15    MD4B   D4B
15    MD4C   D4C
15    MD4D   D4D
```

TAKE D6 OUT

```
15    MD6A   D6A
15    MD6B   D6B
15    MD6C   D6C
15    MD6D   D6D
```

4 MOVE D7 TO C6

```
15    MD7A   D7A
15    MD7B   D7B
15    MD7C   D7C
15    MD7D   D7D
15    MD7A   C6A
15    MD7B   C6B
15    MD7C   C6C
15    MD7D   C6D
```

5 Move C4 to D4

```
15    MC4A   D4A
15    MC4B   D4B
15    MC4C   D4C
15    MC4D   D4D
```

TAKE C5 OUT

```
15    MC5A   C5A
15    MC5B   C5B
15    MC5C   C5C
15    MC5D   C5D
```

6 MOVE C6 TO D6, C5

```
15    MC6A   C5A
15    MC6B   C5B
15    MC6C   C5C
15    MC6D   C5D
```

7 MOVE E7 TO E6

```
15    ME7A   E6A
15    ME7B   E6B
15    ME7C   E6C
15    ME7D   E6D
```

8 MOVE C3 TO C4

```
15    MC3A   C4A
15    MC3B   C4B
15    MC3C   C4C
15    MC3D   C4D
```

9 MOVE C7 TO D7

```
15    MC7A   D7A
15    MC7B   D7B
15    MC7C   D7C
```

```

15      MC7D  D7D

10 MOVE E3 TO D3
15      ME3A  D3A
15      ME3B  D3B
15      ME3C  D3C
15      ME3D  D3D

34      BLADE -4.11428E-01      3      2.57877E+00      4
34      BLADE  9.15215E+01      5      2.02441E+03      6
34      BLADE  4.19631E+05      7
35      ADJB  0.0      .44189 0.0      .44189 0.0      .44189      3
35      ADJB  0.0      .10218 0.0      .10218 0.0      .10218      4
35      ADJB  0.0      .08354 0.0      .08354 0.0      .08354      5
35      ADJB  0.0      .07663 0.0      .07663 0.0      .07663      6
35      ADJB  0.0      .07598 0.0      .07598 0.0      .07598      7
36      ADJB  BLADE
DATASET=A.BURN
01      RINSC  LEU
      core3+4 new fuel, 2MW 1 days rundown
02      0280000      0      0.001      1.000      1.0000      1      1
03      0      0.0      0.0      1.00      -1.000      1      0
09      U235      1U236
09      U235      2XE135      2.4200-03 PM149      1.0666-02
09      U235      2I135      6.2966-02 ETFP      1.000
09      U235      5U234
09      U236      1DUMP
09      U236      2XE135      1.5847-03 PM149      1.3691-02
09      U236      2I135      5.6307-02 ETFP      1.000
09      U236      5U235
09      U238      1PU239
09      U238      2XE135      2.8000-04 PM149      1.6100-02
09      U238      2I135      6.8349-02 ETFP      1.000
09      U238      5DUMP
09      PU239      1PU240
09      PU239      2XE135      1.1524-02 PM149      1.2390-02
09      PU239      2I135      6.4494-02 ETFP      1.000
09      PU239      5DUMP
09      PU239      8U235
09      PU240      1PU241
09      PU240      2XE135      6.9843-03 PM149      1.3690-02
09      PU240      2I135      6.7476-02 ETFP      1.000
09      PU240      8U236
09      PU241      1PU242
09      PU241      2XE135      2.3140-03 PM149      1.5240-02
09      PU241      2I135      7.0698-02 ETFP      1.000
09      PU241      8DUMP
09      PU242      1DUMP
09      PU242      2XE135      2.6448-03 PM149      1.6152-02
09      PU242      2I135      6.9001-02 ETFP      1.000
09      PU242      5PU241
09      PU242      8U238
09      XE135      6DUMP
09      XE135      1DUMP
09      I135      1DUMP
09      I135      6XE135
09      PM149      6SM149
09      SM149      1DUMP
09      ETFP      1DUMP
09      DUMP      0
10      U235      U5D6 0
10      U236      U6D6 0
10      U238      U8D6 0
10      PU239      P9D6 0
10      PU240      P0D6 0
10      PU241      P1D6 0
10      PU242      P2D6 0
10      XE135      FXEB 0
10      PM149      FPMB 0
10      I135      FI5B 0
10      SM149      FSMB 0
10      ETFP      PFP1 0
10      DUMP      ODUM 0
24      U235      1      235.04
24      U236      0      236.04
24      U238      0      238.05
24      PU239      1      239.05
24      PU240      0      240.05
24      PU241      1      241.06
24      PU242      0      242.06
24      XE135      0      134.90

```

| | | | |
|----|-------|--------|----------|
| 24 | I135 | 0 | 134.90 |
| 24 | PM149 | 0 | 148.92 |
| 24 | SM149 | 0 | 148.92 |
| 24 | ETFP | 0 | 100.00 |
| 24 | DUMP | 0 | 100.00 |
| 25 | PU239 | 8U235 | 9.110-13 |
| 25 | PU240 | 8U236 | 3.348-12 |
| 25 | PU241 | 6DUMP | 1.6633-9 |
| 25 | PU241 | 8DUMP | 1.665-12 |
| 25 | PU242 | 8U238 | 5.842-14 |
| 25 | XE135 | 6DUMP | 2.0930-5 |
| 25 | PM149 | 6SM149 | 3.6260-6 |
| 25 | I135 | 6XE135 | 2.8740-5 |

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | NFC3A | MNEW | FMC3A | 1 | 1 |
| 35 | NFC3B | MNEW | FMC3B | 1 | 1 |
| 35 | NFC3C | MNEW | FMC3C | 1 | 1 |
| 35 | NFC3D | MNEW | FMC3D | 1 | 1 |
| 35 | NFC7A | MNEW | FMC7A | 1 | 1 |
| 35 | NFC7B | MNEW | FMC7B | 1 | 1 |
| 35 | NFC7C | MNEW | FMC7C | 1 | 1 |
| 35 | NFC7D | MNEW | FMC7D | 1 | 1 |
| 35 | NFE3A | MNEW | FME3A | 1 | 1 |
| 35 | NFE3B | MNEW | FME3B | 1 | 1 |
| 35 | NFE3C | MNEW | FME3C | 1 | 1 |
| 35 | NFE3D | MNEW | FME3D | 1 | 1 |
| 35 | NFE7A | MNEW | FME7A | 1 | 1 |
| 35 | NFE7B | MNEW | FME7B | 1 | 1 |
| 35 | NFE7C | MNEW | FME7C | 1 | 1 |
| 35 | NFE7D | MNEW | FME7D | 1 | 1 |

8 MOVE C3 TO C4

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAC3A | MC3A | FMC3A | 1 | 1 |
| 35 | PAC3B | MC3B | FMC3B | 1 | 1 |
| 35 | PAC3C | MC3C | FMC3C | 1 | 1 |
| 35 | PAC3D | MC3D | FMC3D | 1 | 1 |
| 35 | PAC3A | MC3A | FMC4A | 1 | 1 |
| 35 | PAC3B | MC3B | FMC4B | 1 | 1 |
| 35 | PAC3C | MC3C | FMC4C | 1 | 1 |
| 35 | PAC3D | MC3D | FMC4D | 1 | 1 |

10 E3 TO D3

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAE3A | ME3A | FME3A | 1 | 1 |
| 35 | PAE3B | ME3B | FME3B | 1 | 1 |
| 35 | PAE3C | ME3C | FME3C | 1 | 1 |
| 35 | PAE3D | ME3D | FME3D | 1 | 1 |
| 35 | PAE3A | ME3A | FMD3A | 1 | 1 |
| 35 | PAE3B | ME3B | FMD3B | 1 | 1 |
| 35 | PAE3C | ME3C | FMD3C | 1 | 1 |
| 35 | PAE3D | ME3D | FMD3D | 1 | 1 |

7 E7 TO E6

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAE7A | ME7A | FME7A | 1 | 1 |
| 35 | PAE7B | ME7B | FME7B | 1 | 1 |
| 35 | PAE7C | ME7C | FME7C | 1 | 1 |
| 35 | PAE7D | ME7D | FME7D | 1 | 1 |
| 35 | PAE7A | ME7A | FME6A | 1 | 1 |
| 35 | PAE7B | ME7B | FME6B | 1 | 1 |
| 35 | PAE7C | ME7C | FME6C | 1 | 1 |
| 35 | PAE7D | ME7D | FME6D | 1 | 1 |

1 E4 moved to D4, E5

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAE4A | ME4A | FME5A | 1 | 1 |
| 35 | PAE4B | ME4B | FME5B | 1 | 1 |
| 35 | PAE4C | ME4C | FME5C | 1 | 1 |
| 35 | PAE4D | ME4D | FME5D | 1 | 1 |

Remove E5

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAE5A | ME5A | FMD4A | 1 | 1 |
| 35 | PAE5B | ME5B | FMD4B | 1 | 1 |
| 35 | PAE5C | ME5C | FMD4C | 1 | 1 |
| 35 | PAE5D | ME5D | FMD4D | 1 | 1 |

2 E6 to E5, D6

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAE6A | ME6A | FMD6A | 1 | 1 |
| 35 | PAE6B | ME6B | FMD6B | 1 | 1 |
| 35 | PAE6C | ME6C | FMD6C | 1 | 1 |
| 35 | PAE6D | ME6D | FMD6D | 1 | 1 |

3 D3 to E4

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAD3A | MD3A | FMD3A | 1 | 1 |
|----|-------|------|-------|---|---|

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAD3B | MD3B | FMD3B | 1 | 1 |
| 35 | PAD3C | MD3C | FMD3C | 1 | 1 |
| 35 | PAD3D | MD3D | FMD3D | 1 | 1 |
| 35 | PAD3A | MD3A | FME4A | 1 | 1 |
| 35 | PAD3B | MD3B | FME4B | 1 | 1 |
| 35 | PAD3C | MD3C | FME4C | 1 | 1 |
| 35 | PAD3D | MD3D | FME4D | 1 | 1 |

REMOVE D4

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAD4A | MD4A | FMD4A | 1 | 1 |
| 35 | PAD4B | MD4B | FMD4B | 1 | 1 |
| 35 | PAD4C | MD4C | FMD4C | 1 | 1 |
| 35 | PAD4D | MD4D | FMD4D | 1 | 1 |

REMOVE D6

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAD6A | MD6A | FMD6A | 1 | 1 |
| 35 | PAD6B | MD6B | FMD6B | 1 | 1 |
| 35 | PAD6C | MD6C | FMD6C | 1 | 1 |
| 35 | PAD6D | MD6D | FMD6D | 1 | 1 |

4 D7 to C6

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAD7A | MD7A | FMD7A | 1 | 1 |
| 35 | PAD7B | MD7B | FMD7B | 1 | 1 |
| 35 | PAD7C | MD7C | FMD7C | 1 | 1 |
| 35 | PAD7D | MD7D | FMD7D | 1 | 1 |
| 35 | PAD7A | MD7A | FMC6A | 1 | 1 |
| 35 | PAD7B | MD7B | FMC6B | 1 | 1 |
| 35 | PAD7C | MD7C | FMC6C | 1 | 1 |
| 35 | PAD7D | MD7D | FMC6D | 1 | 1 |

5 C4 to D4

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAC4A | MC4A | FMD4A | 1 | 1 |
| 35 | PAC4B | MC4B | FMD4B | 1 | 1 |
| 35 | PAC4C | MC4C | FMD4C | 1 | 1 |
| 35 | PAC4D | MC4D | FMD4D | 1 | 1 |

REMOVE C5

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAC5A | MC5A | FMC5A | 1 | 1 |
| 35 | PAC5B | MC5B | FMC5B | 1 | 1 |
| 35 | PAC5C | MC5C | FMC5C | 1 | 1 |
| 35 | PAC5D | MC5D | FMC5D | 1 | 1 |

6 C6 TO D6, C5

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAC6A | MC6A | FMC5A | 1 | 1 |
| 35 | PAC6B | MC6B | FMC5B | 1 | 1 |
| 35 | PAC6C | MC6C | FMC5C | 1 | 1 |
| 35 | PAC6D | MC6D | FMC5D | 1 | 1 |

9 C7 TO D7

| | | | | | |
|----|-------|------|-------|---|---|
| 35 | PAC7A | MC7A | FMC7A | 1 | 1 |
| 35 | PAC7B | MC7B | FMC7B | 1 | 1 |
| 35 | PAC7C | MC7C | FMC7C | 1 | 1 |
| 35 | PAC7D | MC7D | FMC7D | 1 | 1 |
| 35 | PAC7A | MC7A | FMD7A | 1 | 1 |
| 35 | PAC7B | MC7B | FMD7B | 1 | 1 |
| 35 | PAC7C | MC7C | FMD7C | 1 | 1 |
| 35 | PAC7D | MC7D | FMD7D | 1 | 1 |

| | | |
|----|-------|-----|
| 45 | FME3A | E3A |
| 45 | FME3B | E3B |
| 45 | FME3C | E3C |
| 45 | FME3D | E3D |
| 45 | FME4A | E4A |
| 45 | FME4B | E4B |
| 45 | FME4C | E4C |
| 45 | FME4D | E4D |
| 45 | FME5A | E5A |
| 45 | FME5B | E5B |
| 45 | FME5C | E5C |
| 45 | FME5D | E5D |
| 45 | FME6A | E6A |
| 45 | FME6B | E6B |
| 45 | FME6C | E6C |
| 45 | FME6D | E6D |
| 45 | FME7A | E7A |
| 45 | FME7B | E7B |
| 45 | FME7C | E7C |
| 45 | FME7D | E7D |
| 45 | FMD3A | D3A |
| 45 | FMD3B | D3B |
| 45 | FMD3C | D3C |
| 45 | FMD3D | D3D |

| | | |
|----|-------|---|
| 45 | FMD4A | D4A |
| 45 | FMD4B | D4B |
| 45 | FMD4C | D4C |
| 45 | FMD4D | D4D |
| 45 | FMD6A | D6A |
| 45 | FMD6B | D6B |
| 45 | FMD6C | D6C |
| 45 | FMD6D | D6D |
| 45 | FMD7A | D7A |
| 45 | FMD7B | D7B |
| 45 | FMD7C | D7C |
| 45 | FMD7D | D7D |
| 45 | FMC3A | C3A |
| 45 | FMC3B | C3B |
| 45 | FMC3C | C3C |
| 45 | FMC3D | C3D |
| 45 | FMC4A | C4A |
| 45 | FMC4B | C4B |
| 45 | FMC4C | C4C |
| 45 | FMC4D | C4D |
| 45 | FMC5A | C5A |
| 45 | FMC5B | C5B |
| 45 | FMC5C | C5C |
| 45 | FMC5D | C5D |
| 45 | FMC6A | C6A |
| 45 | FMC6B | C6B |
| 45 | FMC6C | C6C |
| 45 | FMC6D | C6D |
| 45 | FMC7A | C7A |
| 45 | FMC7B | C7B |
| 45 | FMC7C | C7C |
| 45 | FMC7D | C7D |
| 26 | U5D60 | U5D60 U6D60 U8D60 P9D60 P0D60 P1D60 P2D60 FXEB0 FPMB0 FSMB0 |
| 26 | U5D60 | FI5B0 PFF10 |
| 39 | U5D60 | 5 7U6D60 5 7U8D60 5 7 |
| 39 | P9D60 | 5 7P0D60 5 7P1D60 5 7 |
| 39 | P2D60 | 5 7FXEB0 5 7FPMB0 5 7 |
| 39 | FSMB0 | 5 7FI5B0 5 7PFP10 1 7 |
| 40 | U5D60 | 2 1.00000E-03 3U6D60 2 1.00000E-03 3 |
| 40 | U8D60 | 2 1.00000E-03 3P9D60 2 1.00000E-03 3 |
| 40 | P0D60 | 2 1.00000E-03 3P1D60 2 1.00000E-03 3 |
| 40 | P2D60 | 2 1.00000E-03 3FXEB0 0 1.00000E-03 3 |
| 40 | FPMB0 | 0 1.00000E-03 3FSMB0 0 1.00000E-03 3 |
| 40 | FI5B0 | 0 1.00000E-03 3PFP10 0 1.00000E-03 3 |
| 41 | U5D60 | U5D60 2.52427E-04 1.0000 U5D61 2.52090E-04 1.0000 |
| 41 | U5D60 | U5D62 2.48755E-04 1.0000 U5D63 2.35673E-04 1.0000 |
| 41 | U5D60 | U5D64 2.10551E-04 1.0000 U5D65 9.30573E-05 1.0000 |
| 41 | U6D60 | U6D60 2.52427E-04 1.0000 U6D61 2.52090E-04 1.0000 |
| 41 | U6D60 | U6D62 2.48755E-04 1.0000 U6D63 2.35673E-04 1.0000 |
| 41 | U6D60 | U6D64 2.10551E-04 1.0000 U6D65 9.30573E-05 1.0000 |
| 41 | U8D60 | U8D60 2.52427E-04 1.0000 U8D61 2.52090E-04 1.0000 |
| 41 | U8D60 | U8D62 2.48755E-04 1.0000 U8D63 2.35673E-04 1.0000 |
| 41 | U8D60 | U8D64 2.10551E-04 1.0000 U8D65 9.30573E-05 1.0000 |
| 41 | P9D60 | P9D60 2.52427E-04 1.0000 P9D61 2.52090E-04 1.0000 |
| 41 | P9D60 | P9D62 2.48755E-04 1.0000 P9D63 2.35673E-04 1.0000 |
| 41 | P9D60 | P9D64 2.10551E-04 1.0000 P9D65 9.30573E-05 1.0000 |
| 41 | P0D60 | P0D60 2.52427E-04 1.0000 P0D61 2.52090E-04 1.0000 |
| 41 | P0D60 | P0D62 2.48755E-04 1.0000 P0D63 2.35673E-04 1.0000 |
| 41 | P0D60 | P0D64 2.10551E-04 1.0000 P0D65 9.30573E-05 1.0000 |
| 41 | P1D60 | P1D60 2.52427E-04 1.0000 P1D61 2.52090E-04 1.0000 |
| 41 | P1D60 | P1D62 2.48755E-04 1.0000 P1D63 2.35673E-04 1.0000 |
| 41 | P1D60 | P1D64 2.10551E-04 1.0000 P1D65 9.30573E-05 1.0000 |
| 41 | P2D60 | P2D60 2.52427E-04 1.0000 P2D61 2.52090E-04 1.0000 |
| 41 | P2D60 | P2D62 2.48755E-04 1.0000 P2D63 2.35673E-04 1.0000 |
| 41 | P2D60 | P2D64 2.10551E-04 1.0000 P2D65 9.30573E-05 1.0000 |
| 41 | FXEB0 | FXEB0 2.52427E-04 1.0000 FXEB1 2.52090E-04 1.0000 |
| 41 | FXEB0 | FXEB2 2.48755E-04 1.0000 FXEB3 2.35673E-04 1.0000 |
| 41 | FXEB0 | FXEB4 2.10551E-04 1.0000 FXEB5 9.30573E-05 1.0000 |
| 41 | FPMB0 | FPMB0 2.52427E-04 1.0000 FPMB1 2.52090E-04 1.0000 |
| 41 | FPMB0 | FPMB2 2.48755E-04 1.0000 FPMB3 2.35673E-04 1.0000 |
| 41 | FPMB0 | FPMB4 2.10551E-04 1.0000 FPMB5 9.30573E-05 1.0000 |
| 41 | FSMB0 | FSMB0 2.52427E-04 1.0000 FSMB1 2.52090E-04 1.0000 |
| 41 | FSMB0 | FSMB2 2.48755E-04 1.0000 FSMB3 2.35673E-04 1.0000 |
| 41 | FSMB0 | FSMB4 2.10551E-04 1.0000 FSMB5 9.30573E-05 1.0000 |
| 41 | FI5B0 | FI5B0 2.52427E-04 1.0000 FI5B1 2.52090E-04 1.0000 |
| 41 | FI5B0 | FI5B2 2.48755E-04 1.0000 FI5B3 2.35673E-04 1.0000 |
| 41 | FI5B0 | FI5B4 2.10551E-04 1.0000 FI5B5 9.30573E-05 1.0000 |
| 41 | PFP10 | PFP10 2.52427E-04 0.0000 PFP11 2.52090E-04 1.0000 |
| 41 | PFP10 | PFP12 2.48755E-04 1.0000 PFP13 2.35673E-04 1.0000 |
| 41 | PFP10 | PFP14 2.10551E-04 1.0000 PFP15 9.30573E-05 0.5000 |