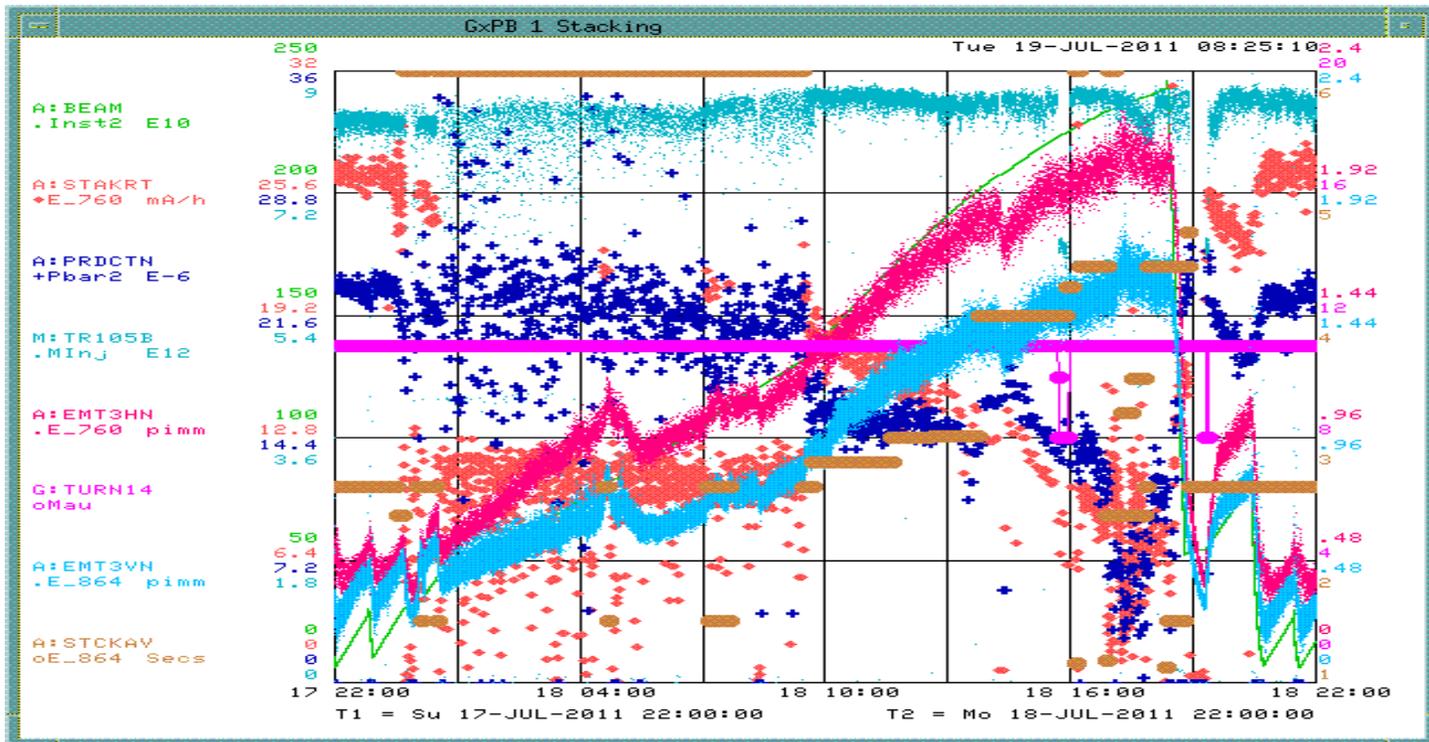
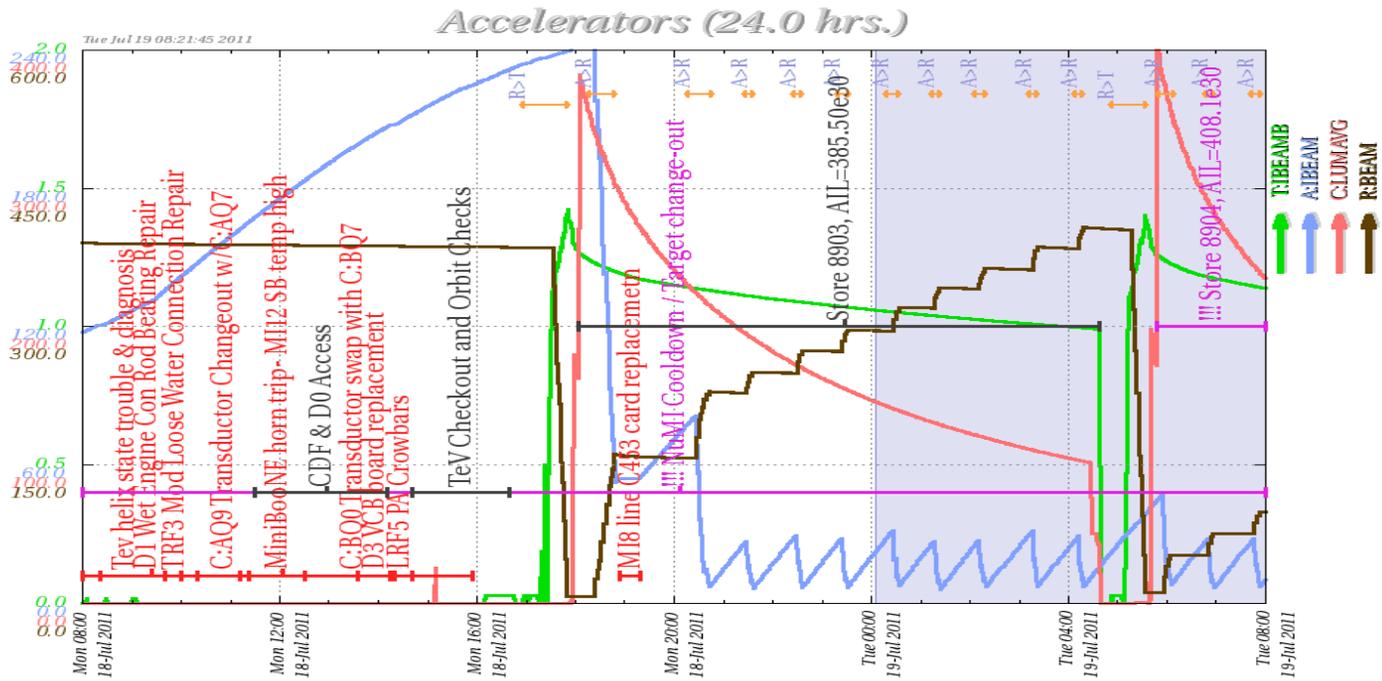
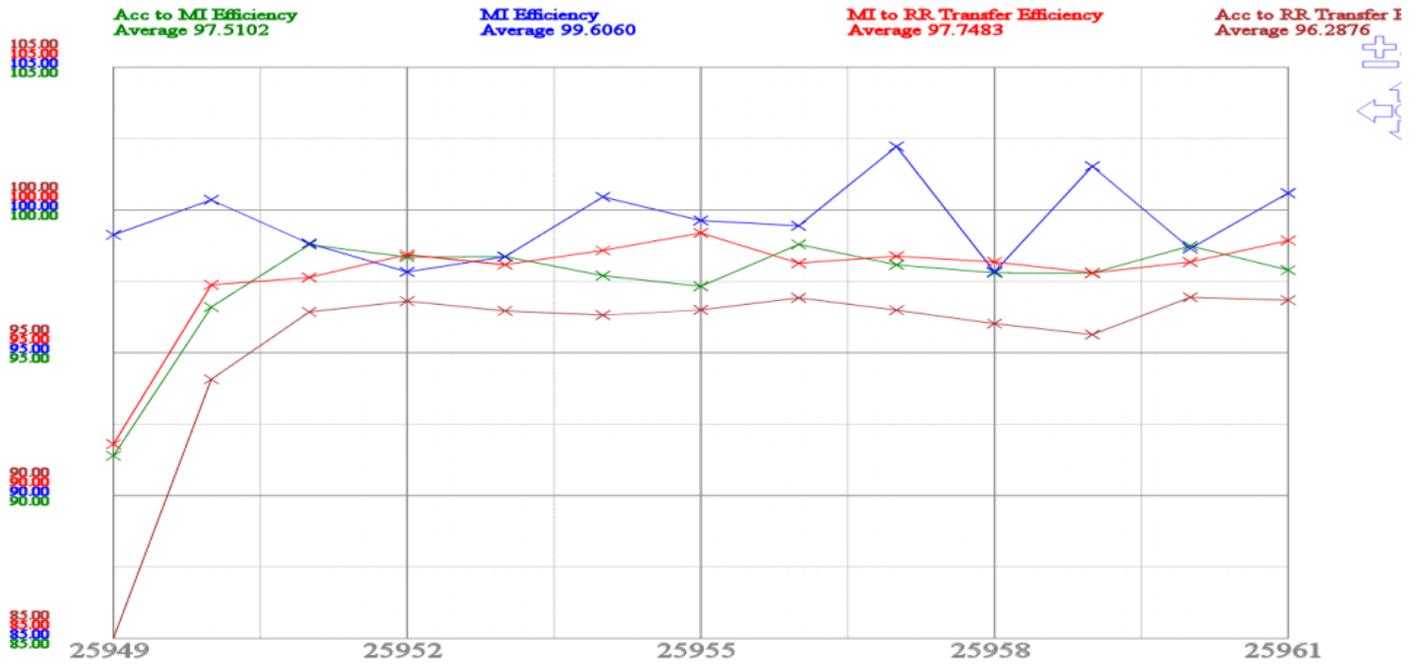


2011-07-19 Tuesday Morning Notes

Tuesday, July 19, 2011
8:20 AM



243mA stack at ~18:22



| Column 1 Number _0_Pbar Transfer Shot # | Column 4 Number_3_ Transfer Time | Column 21 Number _20_A:1 BEAMB sampled on \$91 (A:BEA M7), E10 | Column 22 Number _21_A:1 BEAMB sampled on \$94 (A:BEA M9), E10 | Unstacked (mA) | Column 23 Number _22_R:B EAMS (R:BEA ME0[0]) pre fer E10 | Column 24 Number _23_R:B EAM (R:BEA ME0[1]) post fer, E10 | Stashed | Acc to RR Eff | Acc to MI Eff | Acc to MI2 Eff | Acc to MI * Acc to MI2 Efficiency | Trans fers | Sets | Column 5 Number _4_Acc Horizont al Emittanc e | Column 6 Number _5_Acc Vertical Emittanc e | Column 8 Number _7_Acc Longitu dinal Emittanc e | | | | |
|---|-------------------------------------|---|---|-------------------|--|--|---------------|------------------|---------------|----------------|---|---------------|-----------|--|--|--|-----------|-----------|--|--|
| Totals => | | | | 566.87 | | | 518.80 | 91.52% | 95.43% | 95.04% | 90.69% | 48 | 13 | 5.603 | 4.0198 | 1.9978 | | | | |
| Daily Average => | | | | 566.87 | | | 518.80 | | | | | | | | | | 48 | 13 | | |
| 25961 | Tuesday, July 19, 2011 | 7:45 | 28.29 | 6.75 | 24.10 | 75.90 | 99.09 | 23.34 | 96.86% | 97.75% | 98.30% | 96.09% | 3 | 1 | 4.688 | 3.003 | 2.04 | | | |
| 25960 | Tuesday, July 19, 2011 | 6:50 | 28.31 | 6.15 | 24.57 | 52.44 | 76.12 | 23.81 | 96.92% | 98.74% | 97.22% | 95.99% | 3 | 1 | 4.552 | 3.022 | 2.018 | | | |
| 25959 | Tuesday, July 19, 2011 | 5:55 | 47.85 | 7.78 | 43.63 | 11.67 | 52.75 | 41.49 | 95.09% | 97.30% | 98.55% | 95.89% | 4 | 1 | 5.634 | 4.043 | 2.033 | | | |
| 25958 | Tuesday, July 19, 2011 | 4:12 | 29.41 | 6.81 | 24.78 | 384.69 | 407.97 | 23.82 | 96.14% | 97.98% | 96.63% | 94.68% | 3 | 1 | 4.315 | 3.011 | 2.05 | | | |
| 25957 | Tuesday, July 19, 2011 | 3:16 | 31.80 | 7.29 | 26.65 | 361.68 | 386.86 | 25.68 | 96.37% | 97.87% | 99.66% | 97.53% | 3 | 1 | 4.681 | 3.466 | 2.046 | | | |
| 25956 | Tuesday, July 19, 2011 | 2:11 | 27.78 | 6.72 | 23.90 | 341.08 | 363.73 | 23.17 | 96.91% | 99.29% | 99.14% | 98.44% | 3 | 1 | 4.607 | 3.141 | 2.054 | | | |
| 25955 | Tuesday, July 19, 2011 | 1:16 | 27.29 | 5.84 | 23.59 | 320.19 | 342.57 | 22.76 | 96.47% | 97.98% | 97.10% | 95.14% | 3 | 1 | 4.295 | 3.18 | 2.051 | | | |
| 25954 | Tuesday, July 19, 2011 | 0:26 | 32.02 | 7.70 | 27.20 | 295.44 | 321.23 | 26.20 | 96.34% | 97.65% | 98.14% | 95.83% | 3 | 1 | 4.505 | 3.273 | 2.027 | | | |
| 25953 | Monday, July 18, 2011 | 23:24 | 28.54 | 6.68 | 24.39 | 273.26 | 296.48 | 23.53 | 96.47% | 97.87% | 96.95% | 94.88% | 3 | 1 | 4.436 | 3.185 | 2.044 | | | |
| 25952 | Monday, July 18, 2011 | 22:29 | 30.03 | 6.72 | 25.74 | 249.71 | 274.19 | 24.89 | 96.67% | 98.22% | 96.93% | 95.21% | 3 | 1 | 4.423 | 3.318 | 2.041 | | | |
| 25951 | Monday, July 18, 2011 | 21:28 | 27.32 | 6.15 | 23.97 | 228.17 | 250.84 | 23.07 | 96.24% | 98.41% | 97.31% | 95.76% | 3 | 1 | 4.396 | 3.22 | 2.033 | | | |
| 25950 | Monday, July 18, 2011 | 20:26 | 81.52 | 6.86 | 80.47 | 157.29 | 229.86 | 74.77 | 92.91% | 95.91% | 95.77% | 91.85% | 6 | 1 | 6.53 | 4.685 | 1.985 | | | |
| 25949 | Monday, July 18, 2011 | 18:23 | 242.60 | 52.36 | 193.88 | 7.78 | 162.31 | 162.28 | 83.70% | 91.28% | 90.47% | 82.58% | 8 | 1 | 15.777 | 11.711 | 1.549 | | | |

| Column 1 Number _0_Pbar Transfer Shot # | Column 4 Number_3_ Transfer Time | Column 21 Number _20_A:1 BEAMB sampled on \$91 (A:BEA M7), E10 | Column 22 Number _21_A:1 BEAMB sampled on \$94 (A:BEA M9), E10 | Unstacked (mA) | Column 23 Number _22_R:B EAMS (R:BEA ME0[0]) pre xfer E10 | Column 24 Number _23_R:B EAM (R:BEA ME0[1]) post xfer, E10 | Stashed | Acc to RR Eff | Acc to MI Eff | Acc to MI2 Eff | Acc to MI * Acc to MI2 Efficiency | Tran sfers | Sets | Column 5 Number_ 4_Acc Horizont al Emittanc e | Column 6 Number _5_Acc Vertical Emittanc e | Column 8 Number _7_Acc Longitu dinal Emittanc e | |
|---|----------------------------------|---|---|-------------------|--|---|---------------|------------------|---------------|----------------|---|---------------|-----------|---|---|---|-------|
| | Totals => | | | 248.88 | | | 240.26 | 96.54% | 98.17% | 97.75% | 95.96% | 30 | 10 | 4.4898 | 3.1819 | 2.0404 | |
| | Daily Average => | | | 248.88 | | | 240.26 | | | | | 30 | 10 | | | | |
| 25961 | Tuesday, July 19, 2011 | 7:45 | 28.29 | 6.75 | 24.10 | 75.90 | 99.09 | 23.34 | 96.86% | 97.75% | 98.30% | 96.09% | 3 | 1 | 4.688 | 3.003 | 2.04 |
| 25960 | Tuesday, July 19, 2011 | 6:50 | 28.31 | 6.15 | 24.57 | 52.44 | 76.12 | 23.81 | 96.92% | 98.74% | 97.22% | 95.99% | 3 | 1 | 4.552 | 3.022 | 2.018 |
| 25958 | Tuesday, July 19, 2011 | 4:12 | 29.41 | 6.81 | 24.78 | 384.69 | 407.97 | 23.82 | 96.14% | 97.98% | 96.63% | 94.68% | 3 | 1 | 4.315 | 3.011 | 2.05 |
| 25957 | Tuesday, July 19, 2011 | 3:16 | 31.80 | 7.29 | 26.65 | 361.68 | 386.86 | 25.68 | 96.37% | 97.87% | 99.66% | 97.53% | 3 | 1 | 4.681 | 3.466 | 2.046 |
| 25956 | Tuesday, July 19, 2011 | 2:11 | 27.78 | 6.72 | 23.90 | 341.08 | 363.73 | 23.17 | 96.91% | 99.29% | 99.14% | 98.44% | 3 | 1 | 4.607 | 3.141 | 2.054 |
| 25955 | Tuesday, July 19, 2011 | 1:16 | 27.29 | 5.84 | 23.59 | 320.19 | 342.57 | 22.76 | 96.47% | 97.98% | 97.10% | 95.14% | 3 | 1 | 4.295 | 3.18 | 2.051 |
| 25954 | Tuesday, July 19, 2011 | 0:26 | 32.02 | 7.70 | 27.20 | 295.44 | 321.23 | 26.20 | 96.34% | 97.65% | 98.14% | 95.83% | 3 | 1 | 4.505 | 3.273 | 2.027 |
| 25953 | Monday, July 18, 2011 | 23:24 | 28.54 | 6.68 | 24.39 | 273.26 | 296.48 | 23.53 | 96.47% | 97.87% | 96.95% | 94.88% | 3 | 1 | 4.436 | 3.185 | 2.044 |
| 25952 | Monday, July 18, 2011 | 22:29 | 30.03 | 6.72 | 25.74 | 249.71 | 274.19 | 24.89 | 96.67% | 98.22% | 96.93% | 95.21% | 3 | 1 | 4.423 | 3.318 | 2.041 |
| 25951 | Monday, July 18, 2011 | 21:28 | 27.32 | 6.15 | 23.97 | 228.17 | 250.84 | 23.07 | 96.24% | 98.41% | 97.31% | 95.76% | 3 | 1 | 4.396 | 3.22 | 2.033 |