

2011-02-04 Friday Morning Notes

Friday, February 04, 2011
6:00 AM

Stacking and Transfers

- Stacked 25.9mA/hr with a production of 21.1 pbars/Mp with 8.01 Tp on target.
- Unstacked 346E10 in 33 transfers over 10 sets with an overall average efficiency of 94.75%.
 - Take out last three transfers - 96.0%

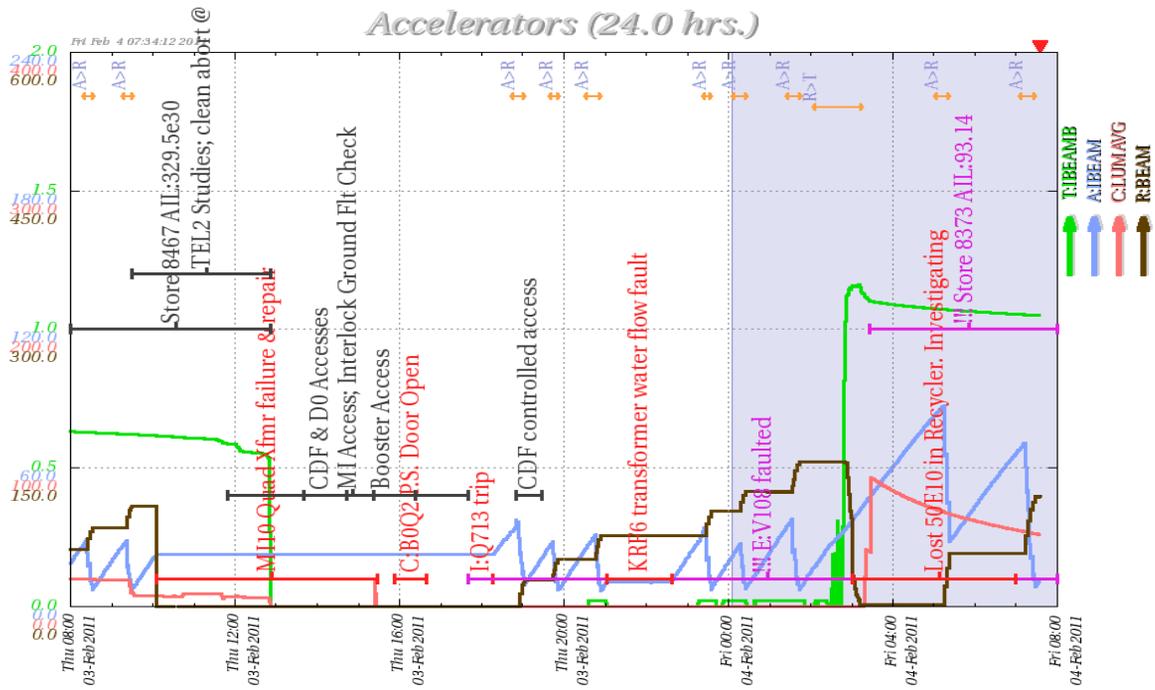
Interesting Happenings

- D:QS704 taking small step function changes

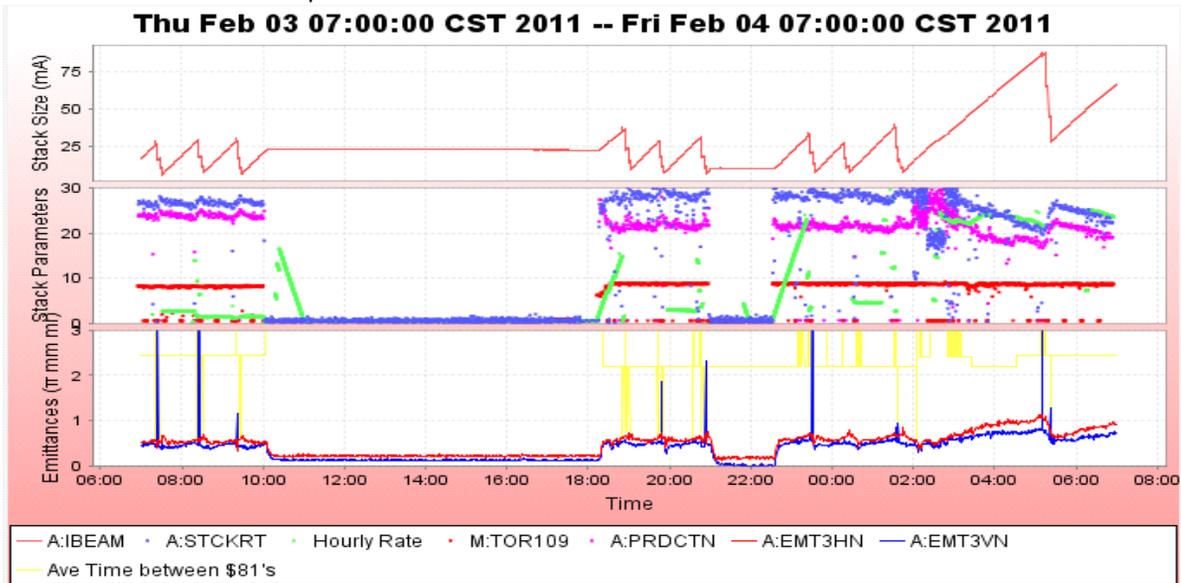
Numbers

- Stacking
 - Pbars stacked: 356.99 E10
 - Time stacking: 14.74 Hr
 - Average stacking rate: 24.21 E10/Hr
- Uptime
 - Number of pulses while in stacking mode: 22553
 - Number of pulses with beam: 20927
 - Fraction of up pulses was: 92.79%
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 13.68 Hr
 - Possible average stacking rate: 26.09 E10/Hr
 - Could have stacked: 384.73 E10/Hr
- Recycler Transfers
 - Pbars sent to the Recycler: 344.94 E10
 - Number of transfers : 33
 - Number of transfer sets: 10
 - Average Number of transfer per set: 3.30
 - Time taken to shoot including reverse proton tuneup: 00.12 Hr
 - Transfer efficiency: 94.13%
- Other Info
 - Average POT : 7.96 E12
 - Average production: 21.42 pbars/E6 protons

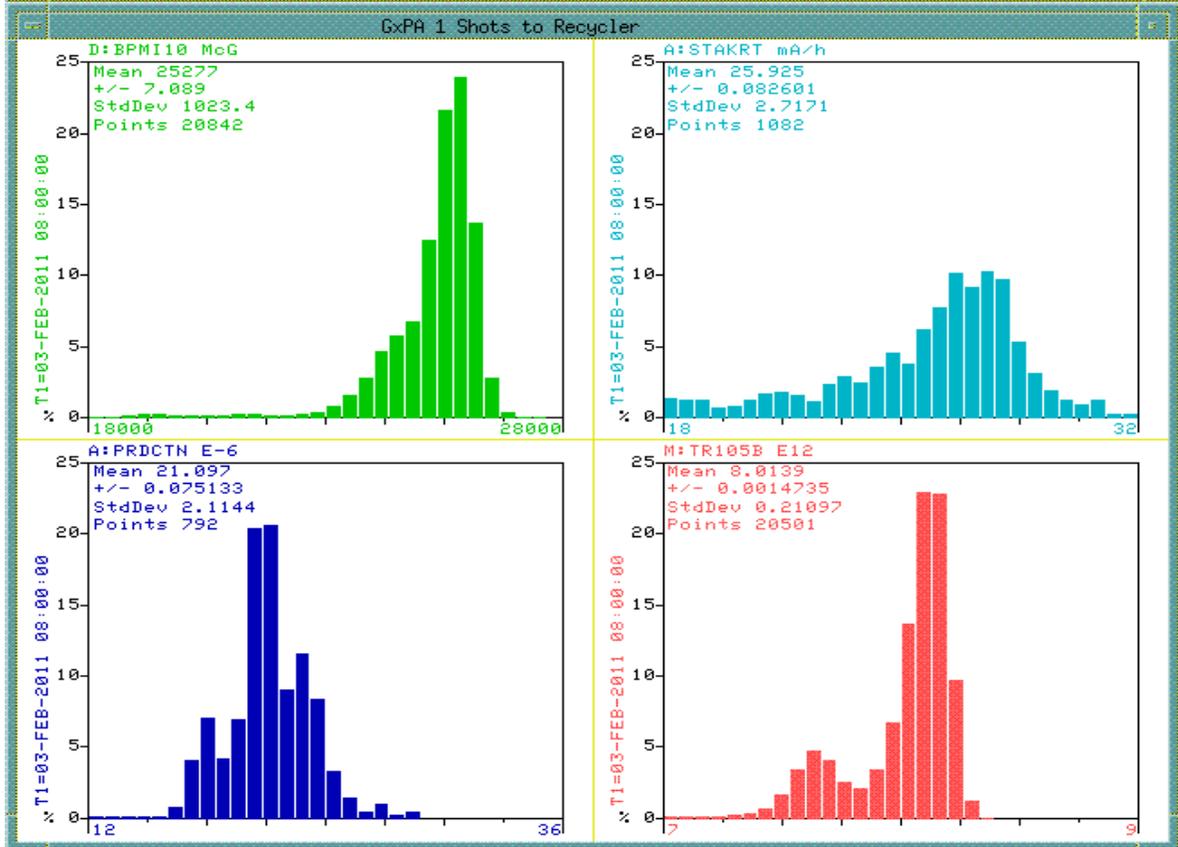
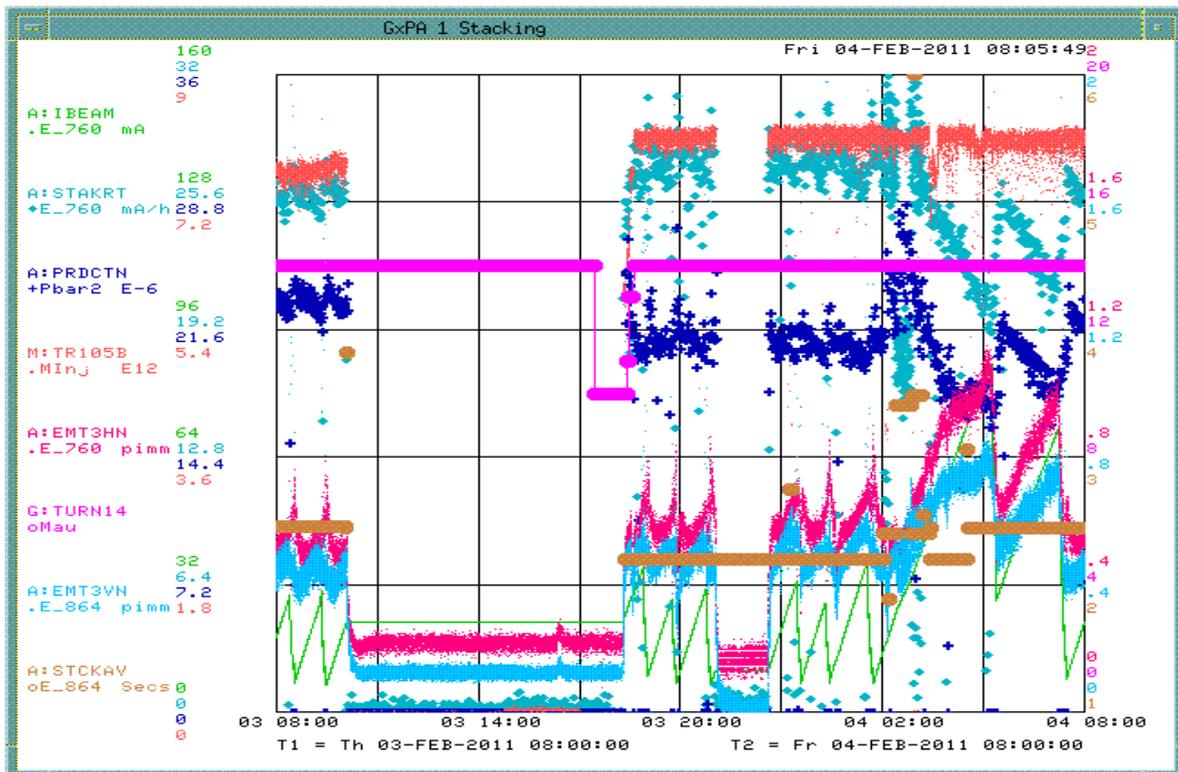
Plots

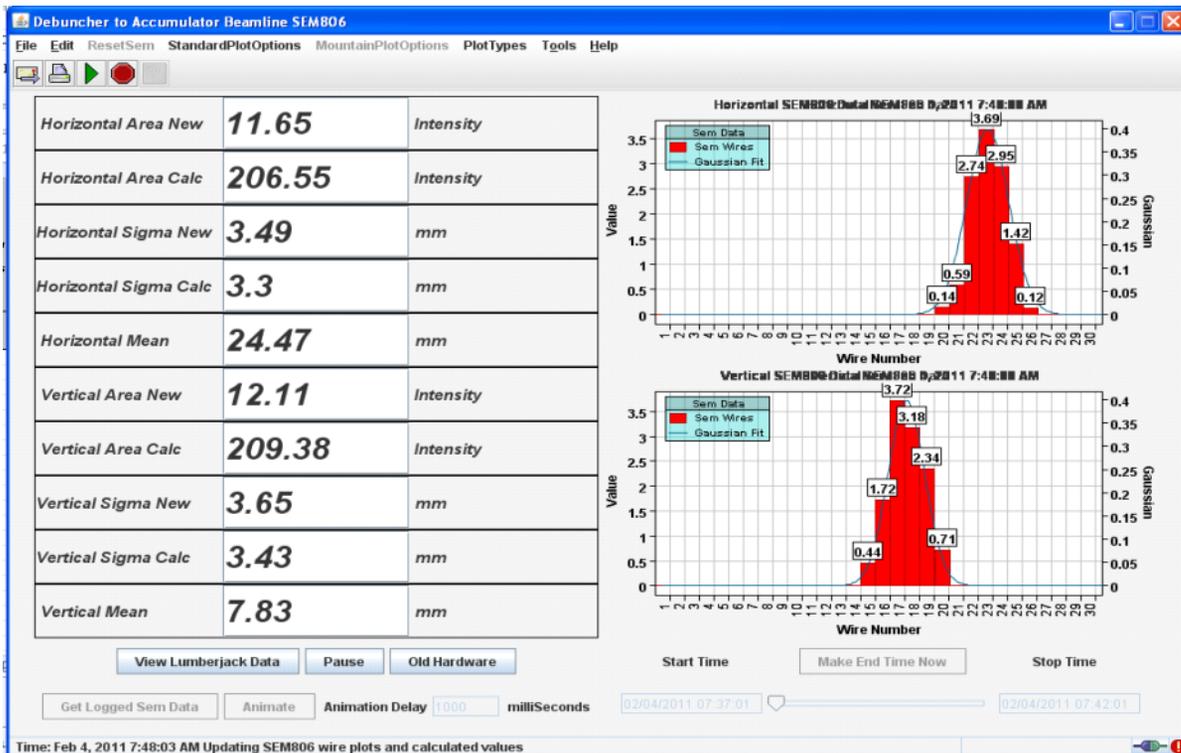


Last 24 hours of collider operations

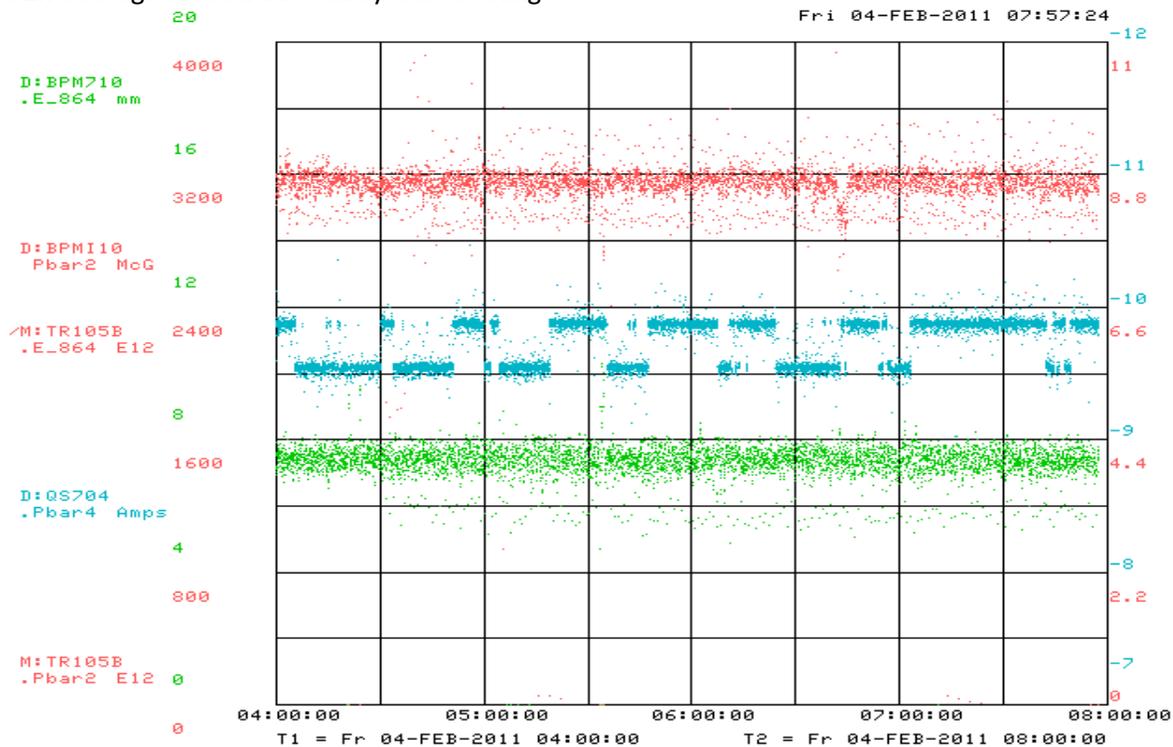


24 hours of stacking

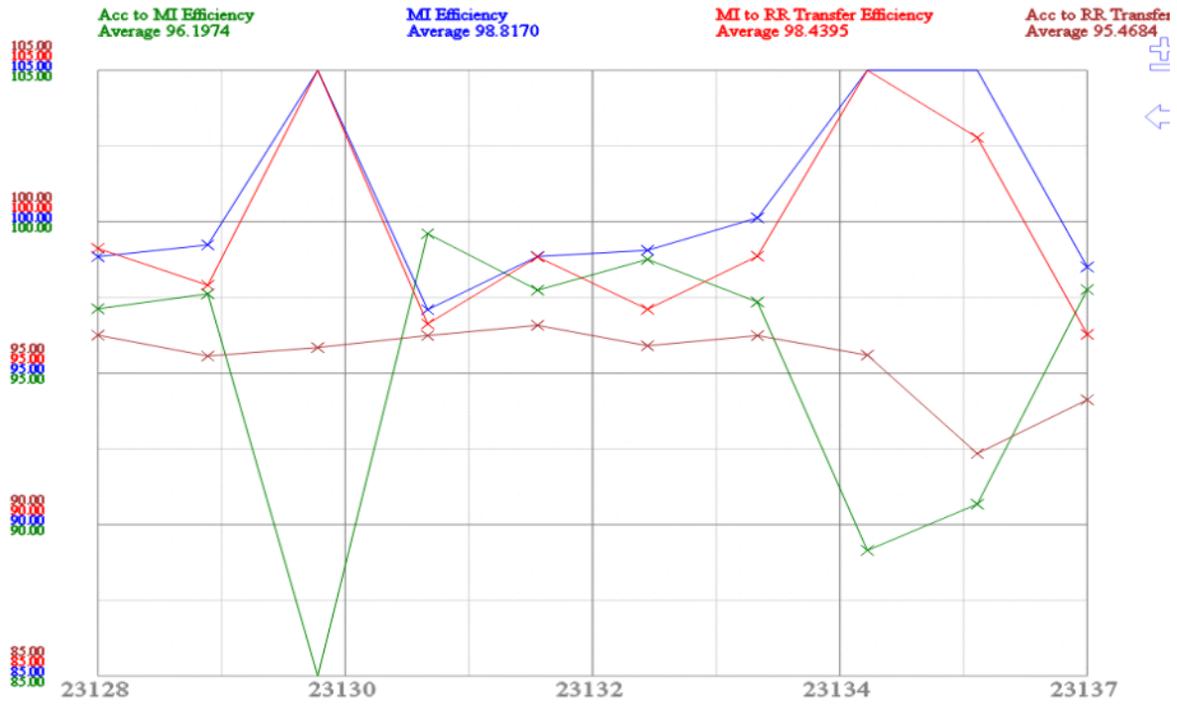




SEM806 sigmas look a bit tubby this morning



D:QS704 changes



Transfer over the last 24 hours

