

2011-05-13 Friday Morning Notes

Friday, May 13, 2011
7:34 AM

Stacking and Transfers

Operational Notes

Numbers

- Stacking
 - Pbars stacked: 296.07 E10
 - Time stacking: 12.73 Hr
 - Average stacking rate: 23.26 E10/Hr

- Uptime
 - Number of pulses while in stacking mode: 20151
 - Number of pulses with beam: 19829
 - Fraction of up pulses was: 98.40%

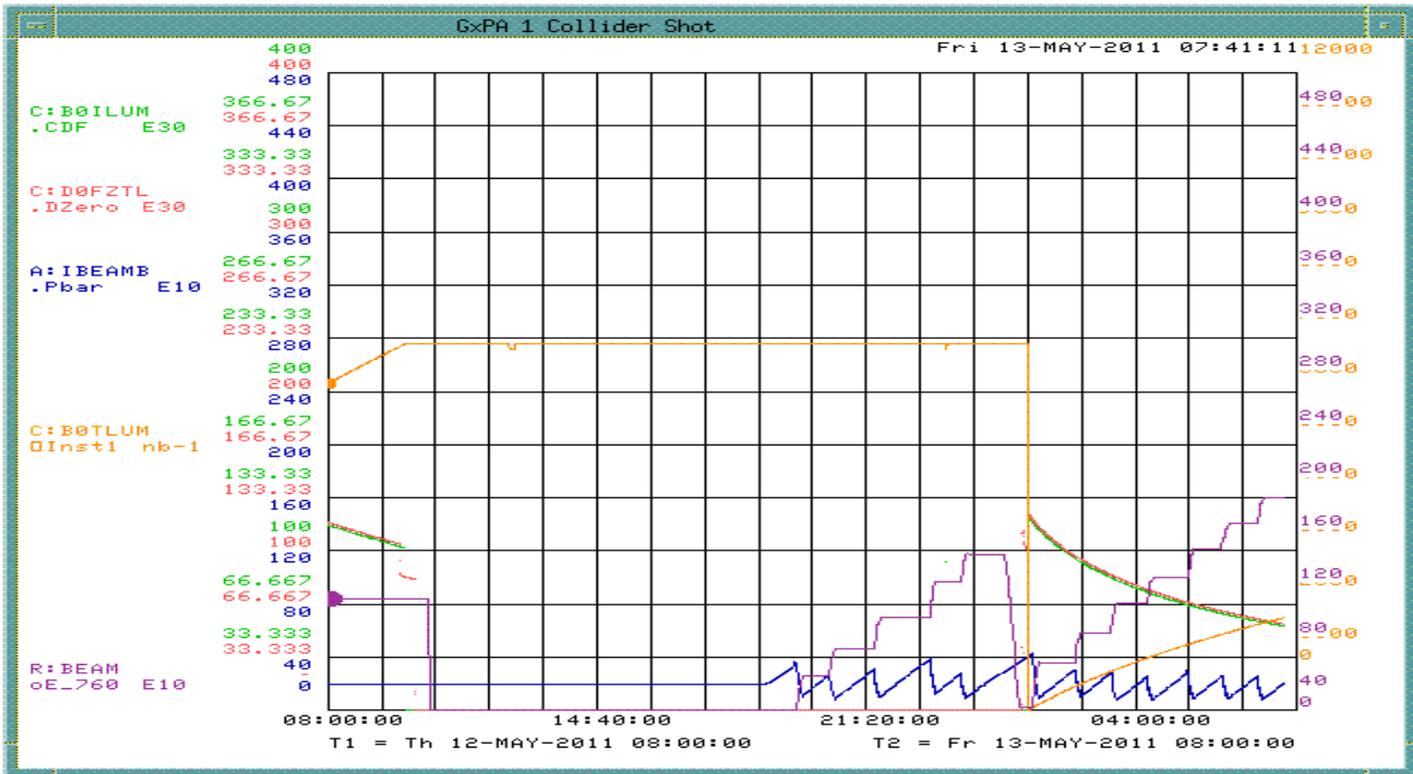
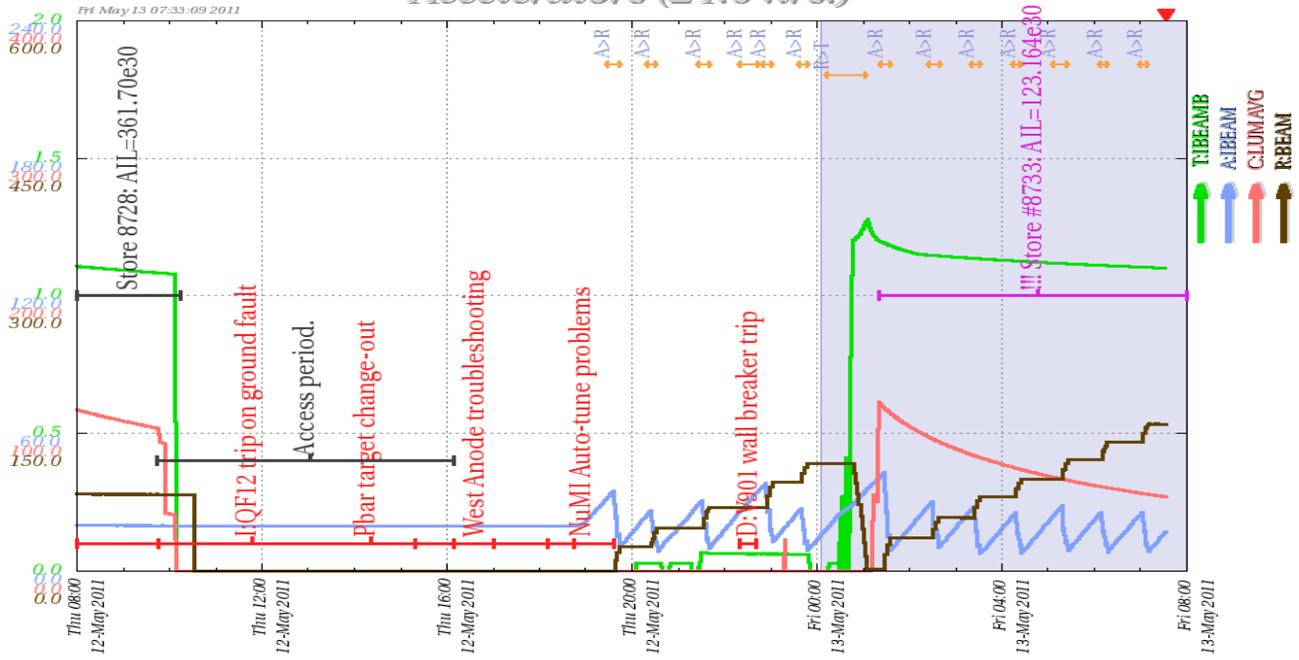
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 12.53 Hr
 - Possible average stacking rate: 23.64 E10/Hr
 - Could have stacked: 300.88 E10/Hr

- Recycler Transfers
 - Pbars sent to the Recycler: 289.15 E10
 - Number of transfers : 36
 - Number of transfer sets: 13
 - Average Number of transfer per set: 2.77
 - Time taken to shoot including reverse proton tuneup: 00.13 Hr
 - Transfer efficiency: 96.06%

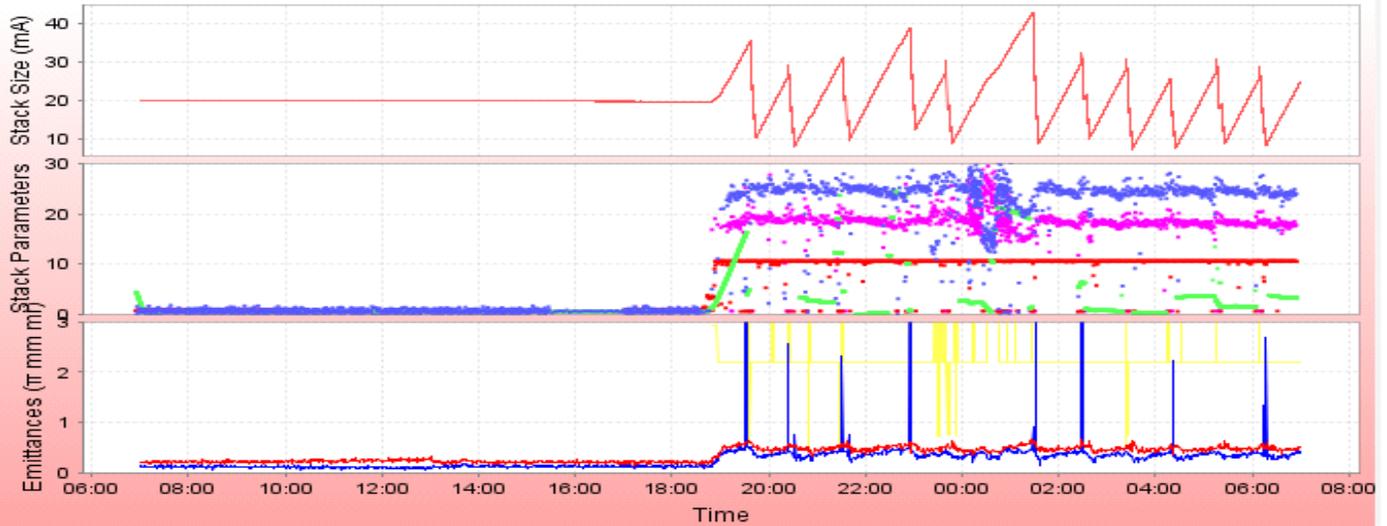
- Other Info
 - Average POT : 8.19 E12
 - Average production: 18.24 pbars/E6 protons

Plots

Accelerators (24.0 hrs.)



Thu May 12 07:00:00 CDT 2011 -- Fri May 13 07:00:00 CDT 2011



— A:IBEAM
 • A:STCKRT
 • Hourly Rate
 • M:TOR109
 • A:PRDCTN
 — A:EMT3HN
 — A:EMT3VN
— Ave Time between \$81's

