

# 2011-06-06 Monday Morning Notes

Monday, June 06, 2011  
8:18 AM

## Stacking and Transfers

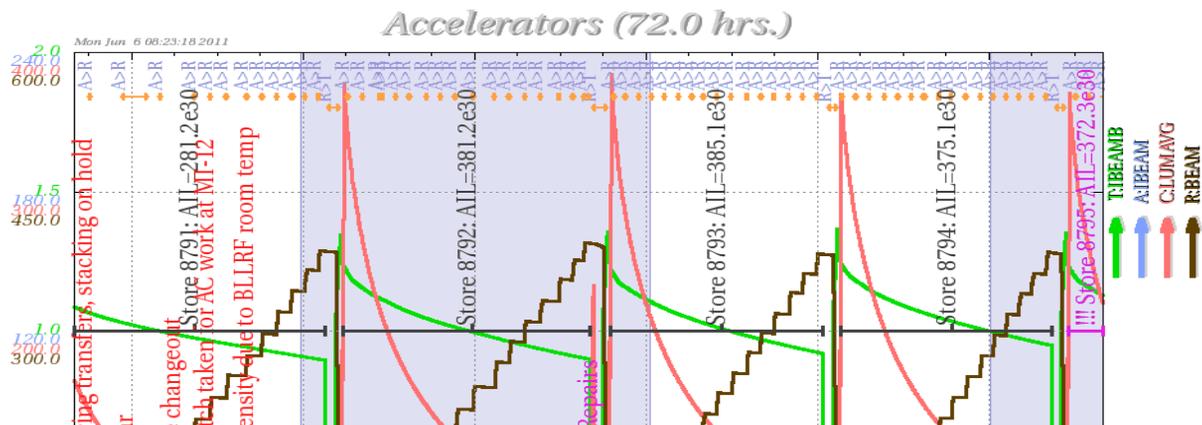
### Operational Notes

- I:VT701 out of limits trips

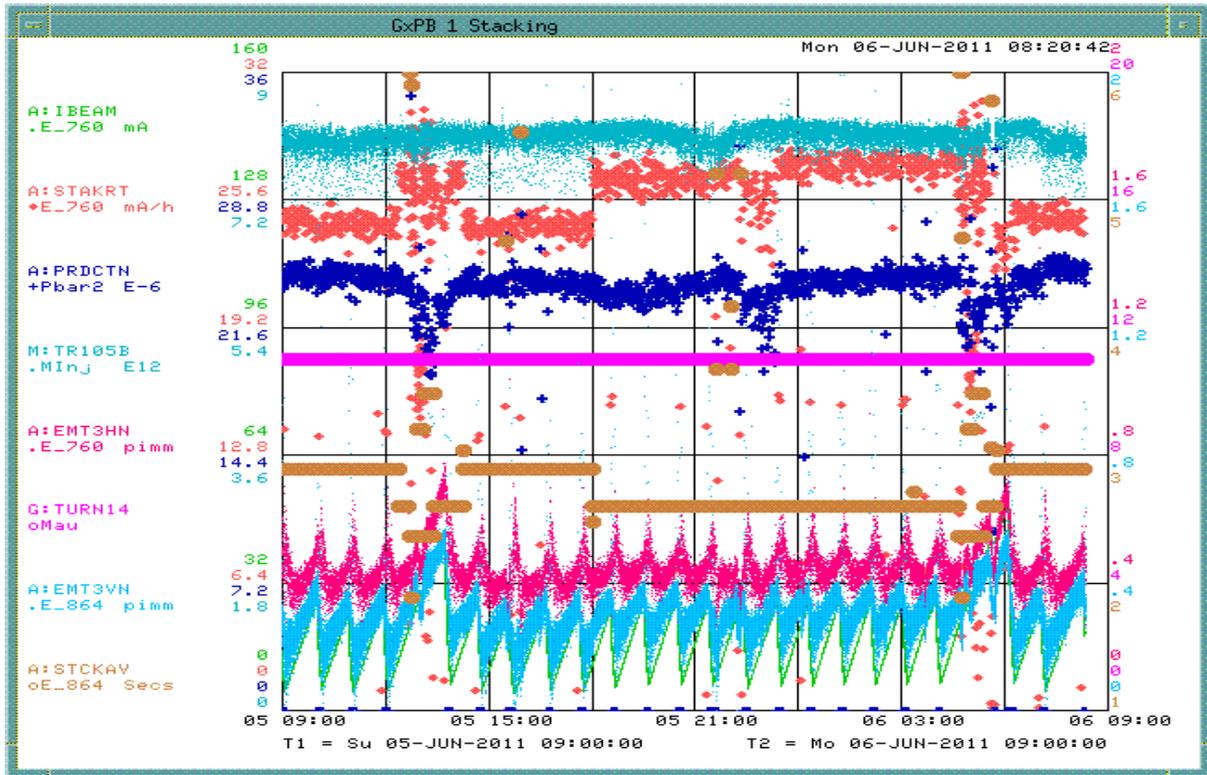
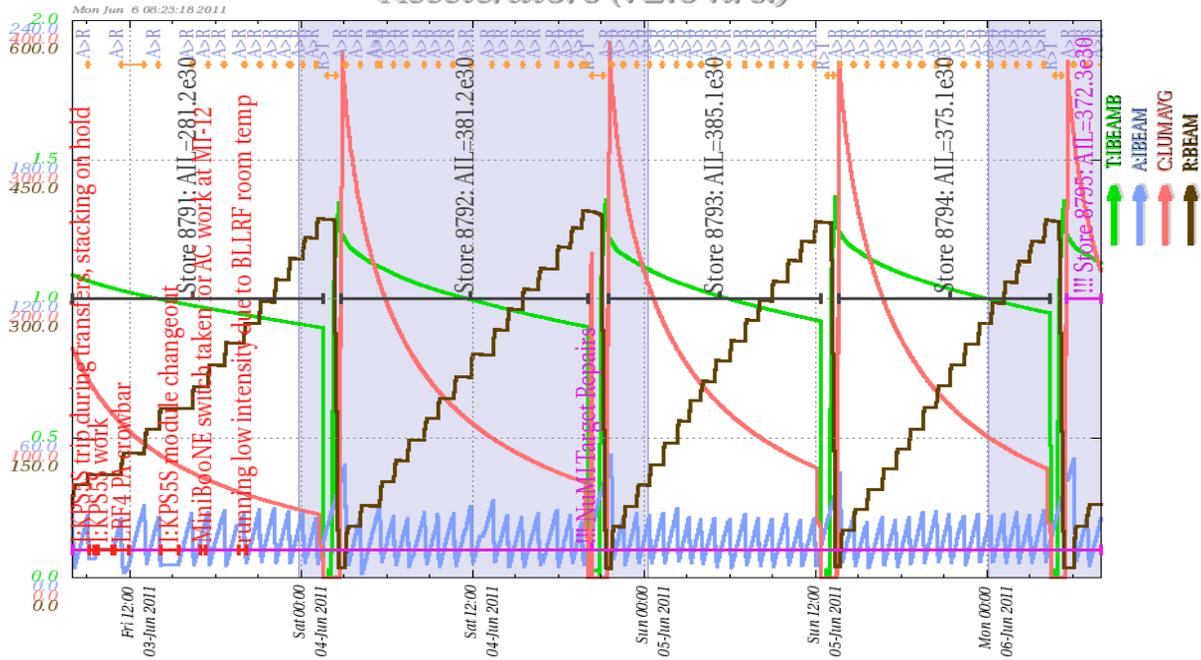
### Numbers

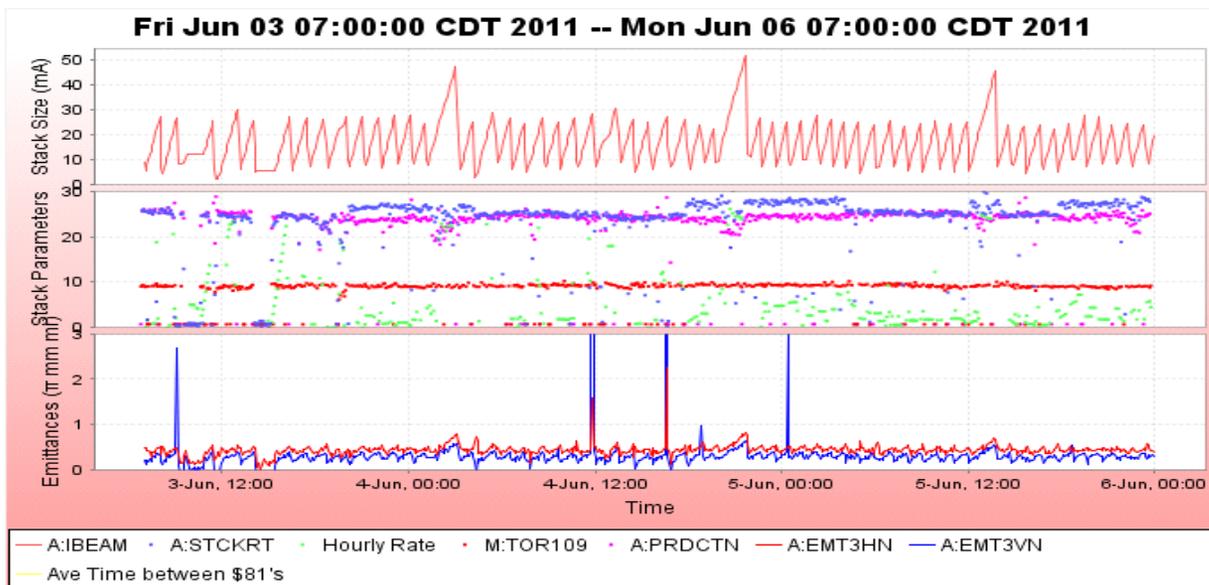
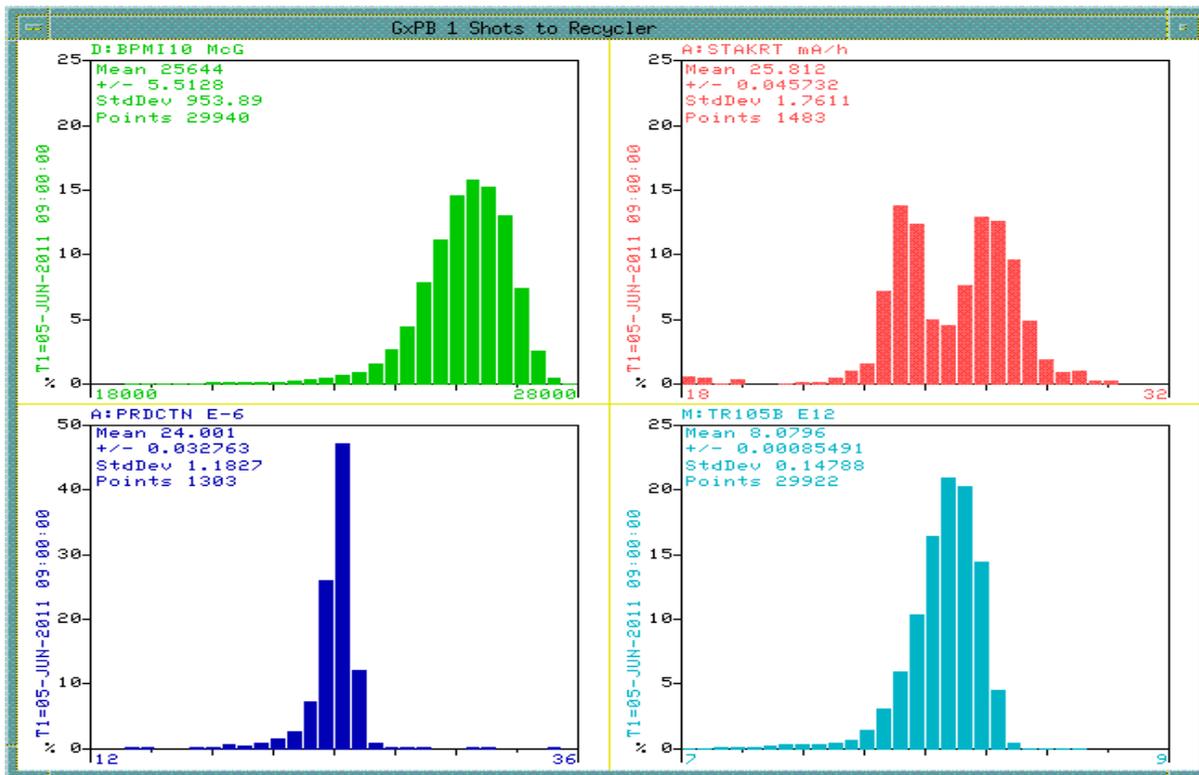
- Stacking
  - Pbars stacked: 1656.35 E10
  - Time stacking: 68.78 Hr
  - Average stacking rate: 24.08 E10/Hr
- Uptime
  - Number of pulses while in stacking mode: 89165
  - Number of pulses with beam: 86074
  - Fraction of up pulses was: 96.53%
- The uptime's effect on the stacking numbers
  - Corrected time stacking: 66.39 Hr
  - Possible average stacking rate: 24.95 E10/Hr
  - Could have stacked: 1715.83 E10/Hr
- Recycler Transfers
  - Pbars sent to the Recycler: 1632.81 E10
  - Number of transfers : 205
  - Number of transfer sets: 65
  - Average Number of transfer per set: 3.15
  - Time taken to shoot including reverse proton tuneup: 00.72 Hr
  - Transfer efficiency: 95.06%
- Other Info
  - Average POT : 8.08 E12
  - Average production: 23.81 pbars/E6 protons

### Plots



### Accelerators (72.0 hrs.)





Horizontal Area New	<b>11.86</b>	Intensity
Horizontal Area Calc	<b>210.28</b>	Intensity
Horizontal Sigma New	<b>3.08</b>	mm
Horizontal Sigma Calc	<b>2.91</b>	mm
Horizontal Mean	<b>23.76</b>	mm
Vertical Area New	<b>12.51</b>	Intensity
Vertical Area Calc	<b>216.38</b>	Intensity
Vertical Sigma New	<b>2.9</b>	mm
Vertical Sigma Calc	<b>2.73</b>	mm
Vertical Mean	<b>8.96</b>	mm

