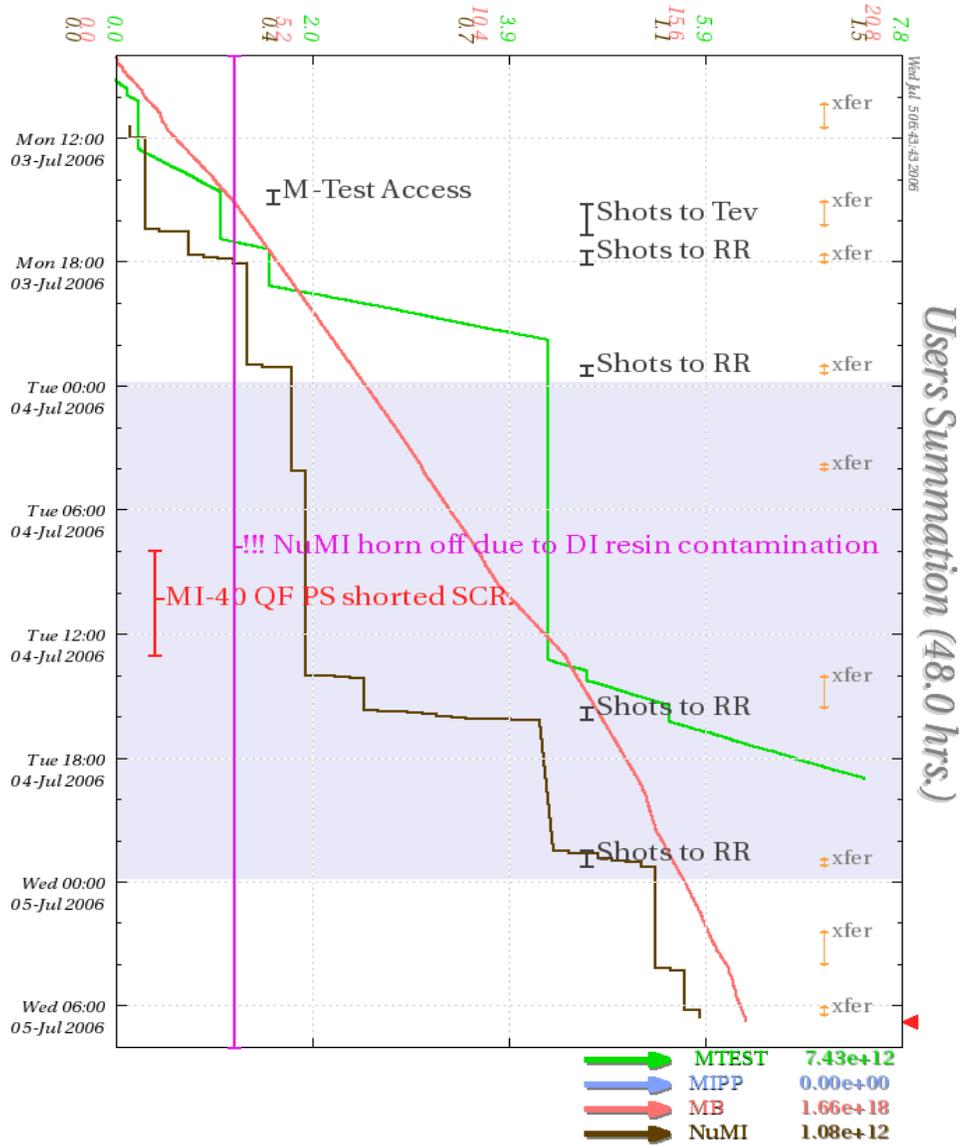
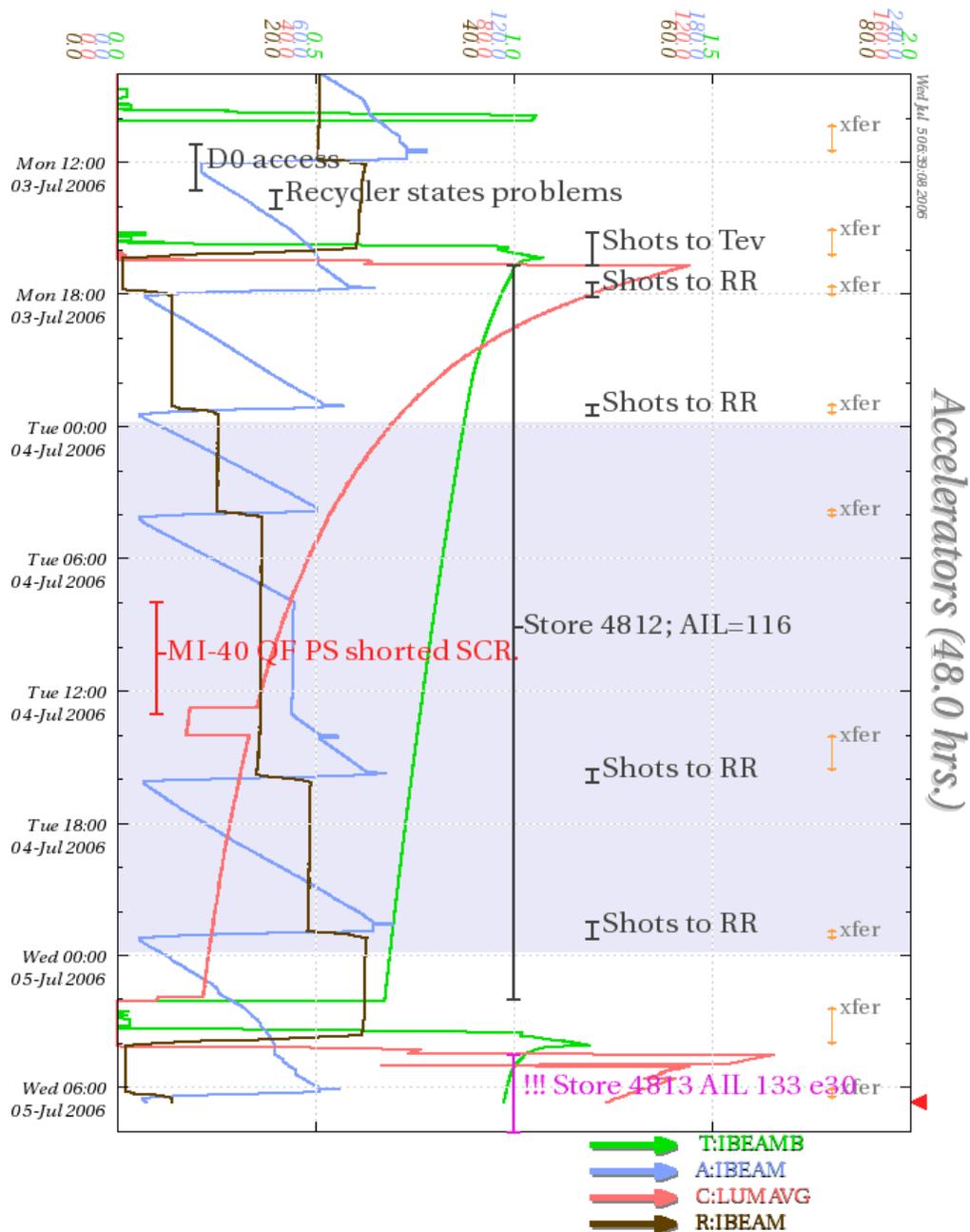


• **Crew Chief Summary:**





- Booster high losses
- **Notes from Run Coordinator:**
 - Through holiday period is pretty good shape, though EE support had to be called in a few times.
 - Booster is down a bit, due to RF.
 - The store Monday was low due to Pbar closure in the Tevatron.
 - Still limited by volume of Pbars.
- **Machine Summaries:**
 - **Linac**
 - Summary:
 - Running OK
 - No significant downtime over the weekend
 -
 - Requests:
 - NMR probe installation in spectrometer magnet. 1 hour.
 - **Booster**

- Summary:
 - High losses
 - Pre transition or post-transition cog fallout.
 - Chopper problems started late last night. Reservoir change on one of the tube. Jim has a scope setup if it acts up again.
 - Noker trigger moves a couple buckets occasionally, resulting in high losses
 - BRF2 and 18 tripping off the last couple of shifts.
 -
 - Requests:
 - Half day access to replace 3 or 4 Pas. After lunch today.
 - **Main Injector**
 - Summary:
 - Monday coal eff. Was low on first 7 transfers - 81 to 83%.
 - During the shot, MI bend bus offset. Error is as big as 10MeV.
 - Transfer 1 and 2 have higher long emittance (e- beam was turned off for first two shots)
 - H emittance was big.
 - First bunch of first transfer is 70. 1st bunch of last transfer is 15. last bunch on all transfers similar.
 - Will continue to tune on loss on Acc->RR transfers
 - Requests:
 - MI60N BPM will be converted tomorrow.
 - **Pbar**
 - Summary:
 - Pbar Stacking Numbers
 - ◆ Best Stacking = 13.9, 13.5mA/hr
 - ◆ Production = 14.9, 13.5e-6/proton
 - ◆ Beam on target = 5,0-6.0e12
 - Transfers to RR - efficiency has varied from 84% to 94%?
 - Beamline BPMs. What does it need to fix it.
 - Requests:
 - PreTarget access - FESS needs to do two hours of work on target exhaust fan. Could do this in parallel with Booster.
 - Rings access - 3 to 4 hours.
 - **Tevatron**
 - Summary:
 - Performance of the Tevatron is good.
 - Still have to optimize tunes.
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 - Requests:
 - Take time between store for proton only work. Tomorrow during the day?
 - **Recycler**
 - Summary:
 - Got to test transverse emittance growth during mining. Part of plan to give Tevatron uniform bunches
 - LLRF didn't get command. STATE issue. When command was going to STATES front end. VMS has a queue length. Request to update STATE from TLG happened to hit the queue when it was full due to occasional burst of changes to STATES front end.
 - Can shorten the unstacking time - working with Pbar.
 - Will talk on Friday on how to get more.
 - Requests:
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 - **SY120**
 - Summary:
 - CMX pixel group running 9 to 9,
 - Requests:

- Requests:
 - 4 second spill requested today.
- **MiniBooNE**
 - Summary:
 - Lots of trips due to B:CHOP.
 - Detector - HVAC problems.
 - N2 gas flow system died.
 - Requests:
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 - IF downtime, can do service on HVAC in MI12 SB. Have to work with FESS. Wouldi Install remote reset switches.
- **NuMI**
 - Summary:
 - More bench testing - tried using air vacuum. That was successful. Will try this first.
 - Today remove shielding and put in crane electronics.
 - Requests:
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- **CDF**
 - Summary:
 - 83%.
 - A little less eff. - clock problems due to LLRF reset in morning.
 - Running now.
 - Requests:
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- **DO**
 - Summary:
 - Thanks for letting them fix muon power supply (25% of forward muon system)
 - 84% 4812. small losses -
 - Couple beam glitches - thought they had a PDT FE problem. Another on tripped off muon chambers.
 - Had a luminosity vertex board replaced. No lum for a few hours.
 - 15KHz - losses on the edge.
 - Requests:
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- **FESS**
 - Summary:
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 - Requests:
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- **Mechanical**
 - Summary:
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 - Requests:
 -
- **Other**
 - Summary:
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 - Requests:
 -
- **The Plan**
 - Summary:
 - Booster access today.
 - Requests:
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