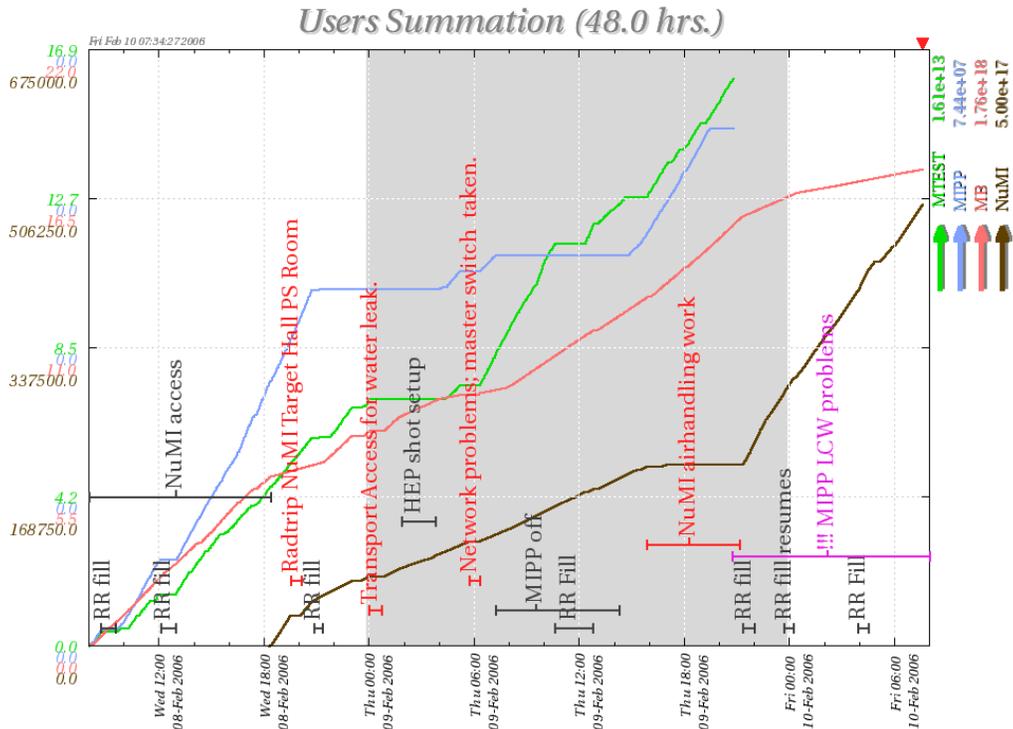
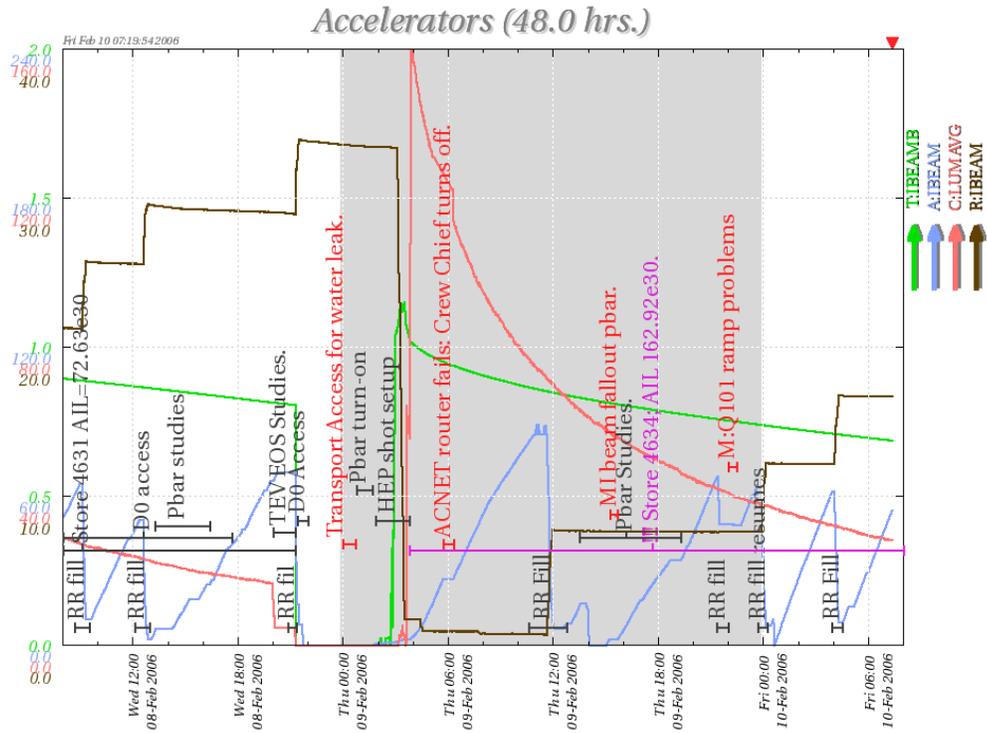
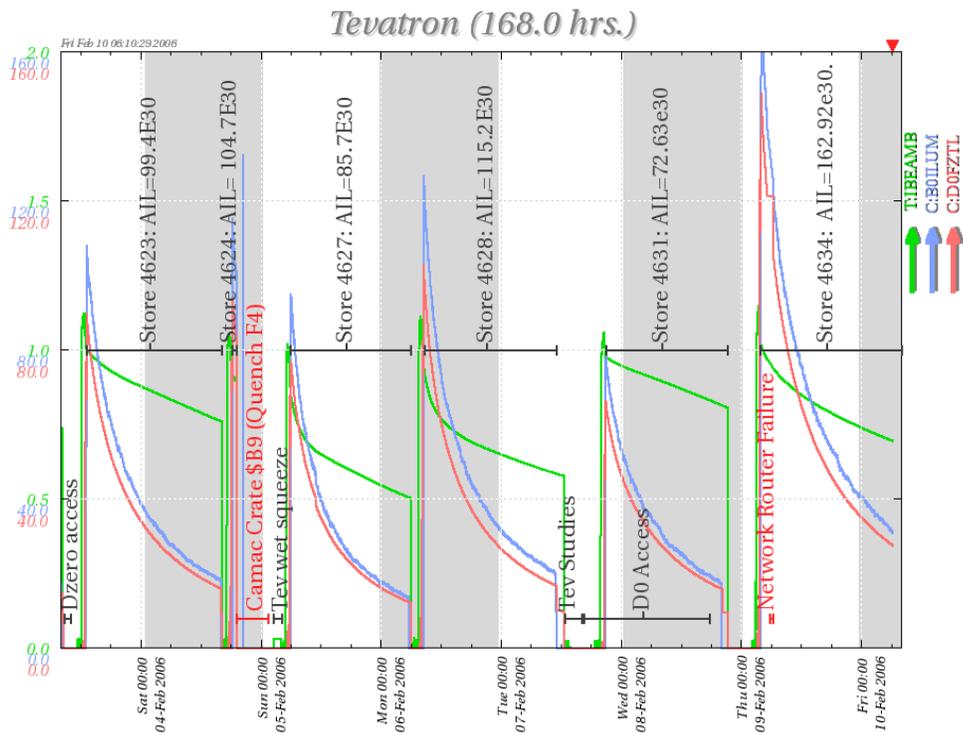


2006-02-10 Integration Scheduling Meeting

Friday, February 10, 2006
9:01 AM

- Crew Chief Summary:**





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- **Notes from Integration:**
 - Stacking Record -
 - NuMI doing better
 - Low luminosity store early next week. Will look for the first opportunity on Monday. Will synchronize with Accumulator aperture studies.
 - Gradually dropping intensity prior to the shutdown to minimize radiation levels.
- **Machine Summaries:**
 - **Linac**
 - Summary:
 - Running fine
 - Requests:
 - Regulator module in LRF5
 - **Booster**
 - Summary:
 - 85% efficiency at 11 turns
 - DOG3 has phase imbalance - need 30 minutes to repair.
 - Requests:
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 - **Main Injector**
 - Summary:
 - Backed out of the mid-level RF, to minimize confusion of why Pbar coalescing was down.
 - Protons 90%
 - Pbars low 80%
 - Bigger long. Emittance at 8 GeV
 - Flying wire numbers in SDA, but they are failed.
 - Requests:
 - 11 batch slip stacking on \$2E
 - Lambertson scans. 8 GeV to Pbar, so need to coordinate with

- Pbar.
 - 30 minutes to take down center anode PS.
- **Pbar**
 - Summary:
 - Pbar Stacking Numbers
 - ◆ New record 20.12 mA/hr.
 - ◆ Pushed gain up on 4-8GHz.
 - ◆ More work on core 4-8GHz - doesn't have bandwidth or gain that we need. Accumulator aperture.
 - ◆ Q101 not ramping.
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 - Requests:
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- **Tevatron**
 - Summary:
 - Trouble with lifetime at 150GeV for protons.
 - Store 4634 - problem came back
 - Experts will continue to investigate
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 - Requests:
 - 4631 EOS study - tune tracker - phase response has shifted - needs time at 150GeV.
 - Request from CDF for angle bumps. Won't be able to make the vertical change since they have run out of corrector range. Same with vertical position.
 - Tevatron injection kicker has not yet pulled the permit. Needs Fluorinert filled.
- **Recycler**
 - Summary:
 - Transfers coming into the machine, smooth.
 - After last Tev shot, checked energy match with Pbars and e-s. Had an energy offset.
 - Fixed problem with emittance monitor.
 - 4635 - mined out 95%
 - Made some cooling sequence changes. Lifetime now ~350 hrs at extraction.
 - Requests:
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- **SY120**
 - Summary:
 - JGG started leaking again.
 - May run the weekend at zero current.
 - Mtest will run.
 - Rick Colement will be the SY coordinator until Monday morning.
 - Requests:
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- **MiniBoONE**
 - Summary:
 - Running well.
 - Requests:
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- **NuMI**
 - Summary:
 - Back to normal intensity.
 - Two Problems
 - ◆ Rad sampling monitor, the return line disconnected, so target hall air was being vented into the ps room
 - ◆ Pressure relief on horn 2 water skid, was outgassing.
 - Horn RAW skid has problems returning water back to the skid.
 - Requests:
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- **CDF**
 - Summary:
 - 4631 - last three hours of store debugging stereo track trigger .
 - 83% on this store.
 - Downtime this morning due to a bad power supply.
 - One of the TDC modules is also giving them some problems.
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 - Requests:
 - Access to replace Silicon power supply that trips frequently.
- **DO**
 - Summary:
 - Wednesday ran at 90%
 - Took some special muon runs.
 - After 4631 - access to take back out the AFE2 board that they were testing.
 - 4634 - had problems with tracking trigger. Lost 4 of 80 sectors (5%). Were off for high luminosity.
 - Need end limit test before low luminosity run.
 - Would be ready by Tuesday for low luminosity run.
 - Requests:
 - Access to fix tracking trigger
- **FESS**
 - Summary:
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 - Requests:
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- **Mechanical**
 - Summary:
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 - Requests:
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- **Other**
 - Summary:
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 - Requests:
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- **The Plan**
 - Summary:
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 - Requests:
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