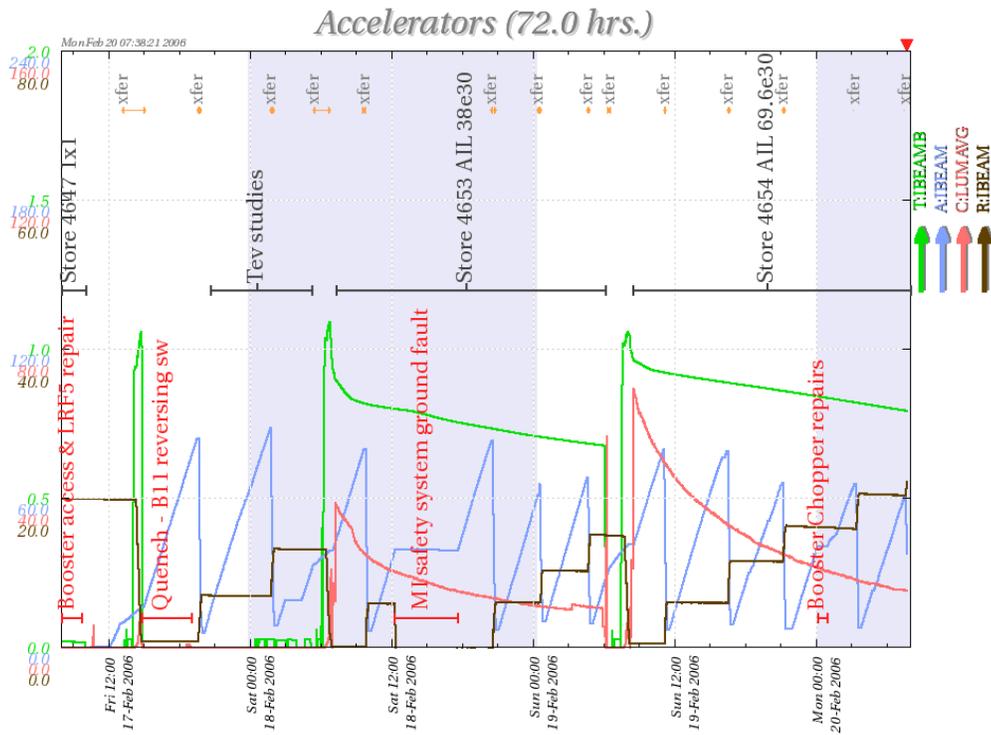


2006-02-20 Integration Scheduling Meeting

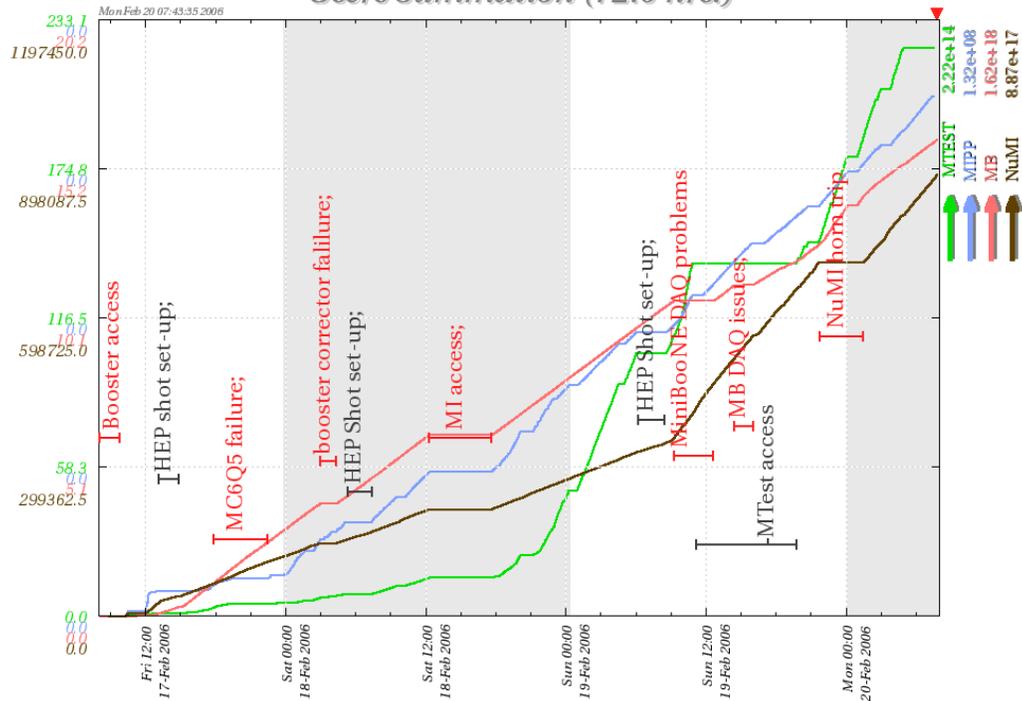
Monday, February 20, 2006
8:59 AM

- Crew Chief Summary:**



- 1x1 low luminosity store
- Store 464? - quench B11 separator in wrong polarity.
- Store 4653 - only 38e30. Rad trip, lost a pbar transfer.
- MI Safety system ground fault.
- Store 4654 - 69.6e30
- Chopper repairs for an hour

Users Summation (72.0 hrs.)



- MC6Q5 failed - polarity switch failed. Can only run in negative mode.
- NuMI ran at three turns, and then back to normal intensity.
- MiniBooNE turned off due to DAQ problems.
- NuMI horn tripped.
- Killed the store at 8am, in access.
- **Notes from Integration:**
 - Sub standard weekend,
 - Quench and instability. - low luminosity.
 - MI electrical safety system dropout.
 - High Initial Luminosity Stores.
 - MI efficiency has been low. Coalescing, but also others...Losing several percent at injection and in acceleration.
 - Pbar stacking - down, quad shunt.
 - Pbar transfer efficiency has been poor. Equivalent of losing $2e10$ in stack rate.
- **Machine Summaries:**
 - **Linac**
 - Summary:
 - LRF5 PA was replaced on Friday.
 - Requests:
 -
 - **Booster**
 - Summary:
 - QL1 was not following its reference
 - Chopper was sparking. Jim Lackey replaced some resistors.
 - Power supply DogL3 tripped. May need time to look at it. It trips with no indication.
 - Requests:
 - PreAcc notching - timing board. Notch on the \$1Ds
 - Phase lock module on Booster - 10-15 minutes to time in.
 - **Main Injector**
 - Summary:
 - Coalescing is not good.
 - Large emittance at 8 GeV. Most of this is believed to come from

- Recycler.
 - Requests:
 - 2 Lambertson Scans - one for Pbar extraction and one for NuMI extraction. Both with take out beam to that area for two hours.
 - MultiBatch slip stacked to NuMI and Pbar.
- **Pbar**
 - Summary:
 - Stacking was stable, but down.
 - Lost shunt in AP2 line
 - Voltage on DRF1 is now below 4MV.
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 - Requests:
 - Tunnel access to fix shunt.
 - Want to get tor721 working.
- **Tevatron**
 - Summary:
 - Terminated 1x1 store
 - TEL studies.
 - Quenched - separator polarity switch B11V.
 - Studies
 - ◆ IPM
 - ◆ OTR
 - ◆ AC Dipole
 - Have now completed all required studies.
 - 4653 - tunes coherent. Moved the tunes further apart.
 - Went coherent just before the ramp.
 - Suspect that drift compensation could be not working well.
 - Requests:
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- **Recycler**
 - Summary:
 - Transfers in. 10% drop in overall efficiency. 3-6mm closure oscillation. Offset files may need an update.
 - Transfers out. Longitudinal emittance - getting down to target values.
 - Larger beam due in part to e- being moved out of the beam.
 - Requests:
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- **SY120**
 - Summary:
 - Friday night, MIPP did low energy measurements until the polarity switch broke.
 - MIPP at +40GeV until shutdown.
 - Requests:
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- **MiniBooNE**
 - Summary:
 - DAQ problems.
 - Will start a new run for notcher studies
 - Will be requesting low intensity beam.
 - Requests:
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- **NuMI**
 - Summary:
 - Finished low intensity test run.
 - Will take what the machine can give us.
 - The horn problem was a ground fault, were able to burn it off.
 - Horn water cooling system is deteriorating. Hope it lasts until shutdown.
 - One last access for a Tritium measurements. Tomorrow

- dayshift is likely.
 - Requests:
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 - **CDF**
 - Summary:
 - Tev abort on Friday. Excess of 5R/sec. Checkout of Silicon showed that it was ok.
 - Ave effic. Was 80%
 - 4656 - 90%
 - Would like to see a high luminosity store.
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 - Requests:
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 - **D0**
 - Summary:
 - Controlled access to installed CTT board. Was a success.
 - During squeeze on Friday, pulled the abort. Everything seems to be ok.
 - 4653 - beam spot off. Y is 250micron higher than it should be.
 - 87% on Saturday
 - End of 4653 -
 - During shot setup 4654
 - Lost two silicon crates. Missed 1/6of Si for that store
 - Access to fix supply.
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 - Requests:
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 - **Controls**
 - Summary:
 - Today the MCR consoles will all be Duplex consoles.
 - Requests:
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 - **Long Shutdown**
 - Summary:
 - Road closing to install feeder 24 (pbar) Feb 27 to April 17th
 - Road closing to install feeder 48 (Tev RF) April 24-May12th
 - Requests:
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 - **John Anderson**
 - Summary:
 - Long term issue keys. Safety will verify that everyone has training.
 - Requests:
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 - **Other**
 - Summary:
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 - Requests:
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- **The Plan**
 - Summary:
 - Tev guys get to do a checkout after the D0 access
 - Shot setup.
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 - Requests:
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