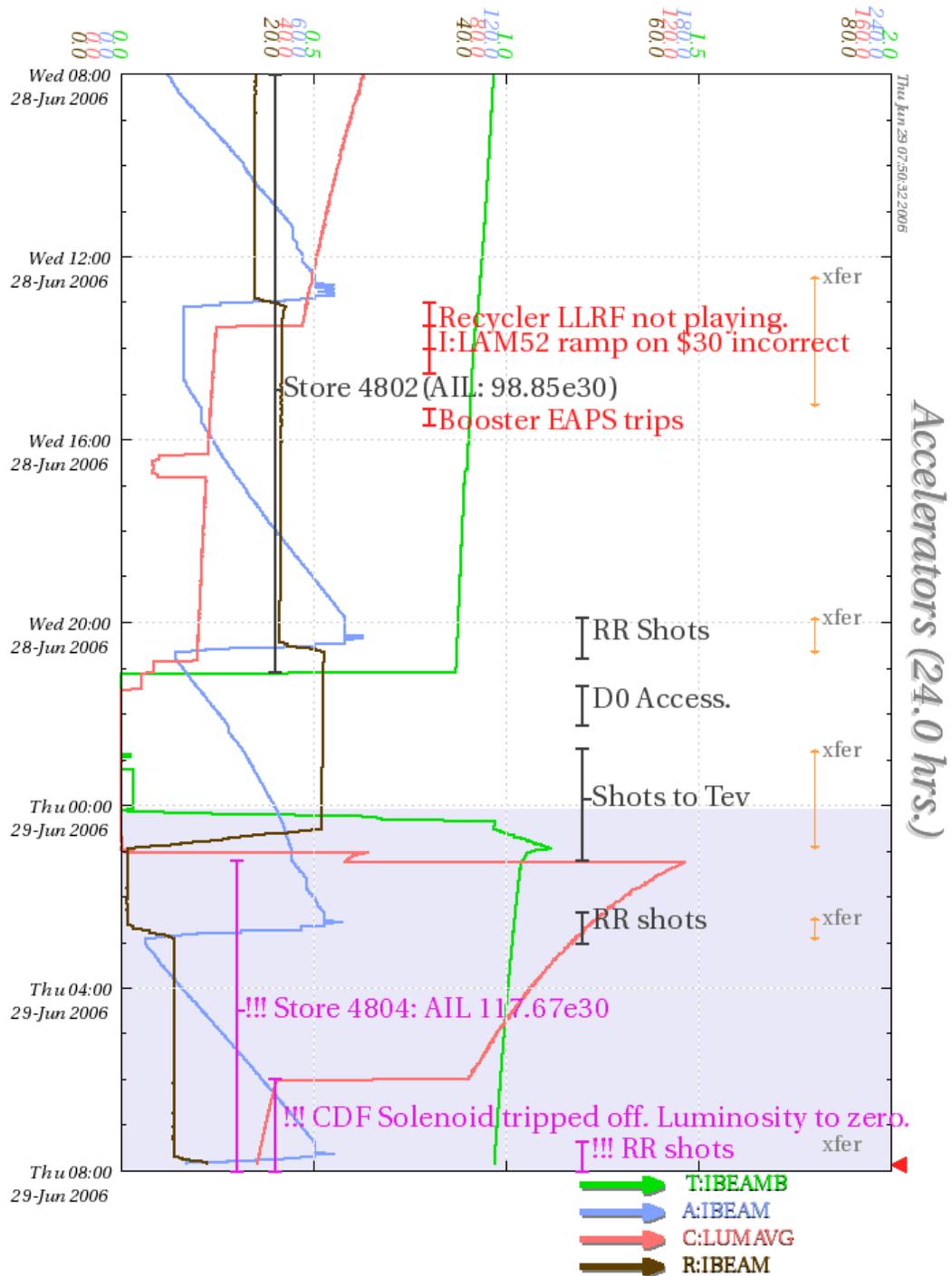
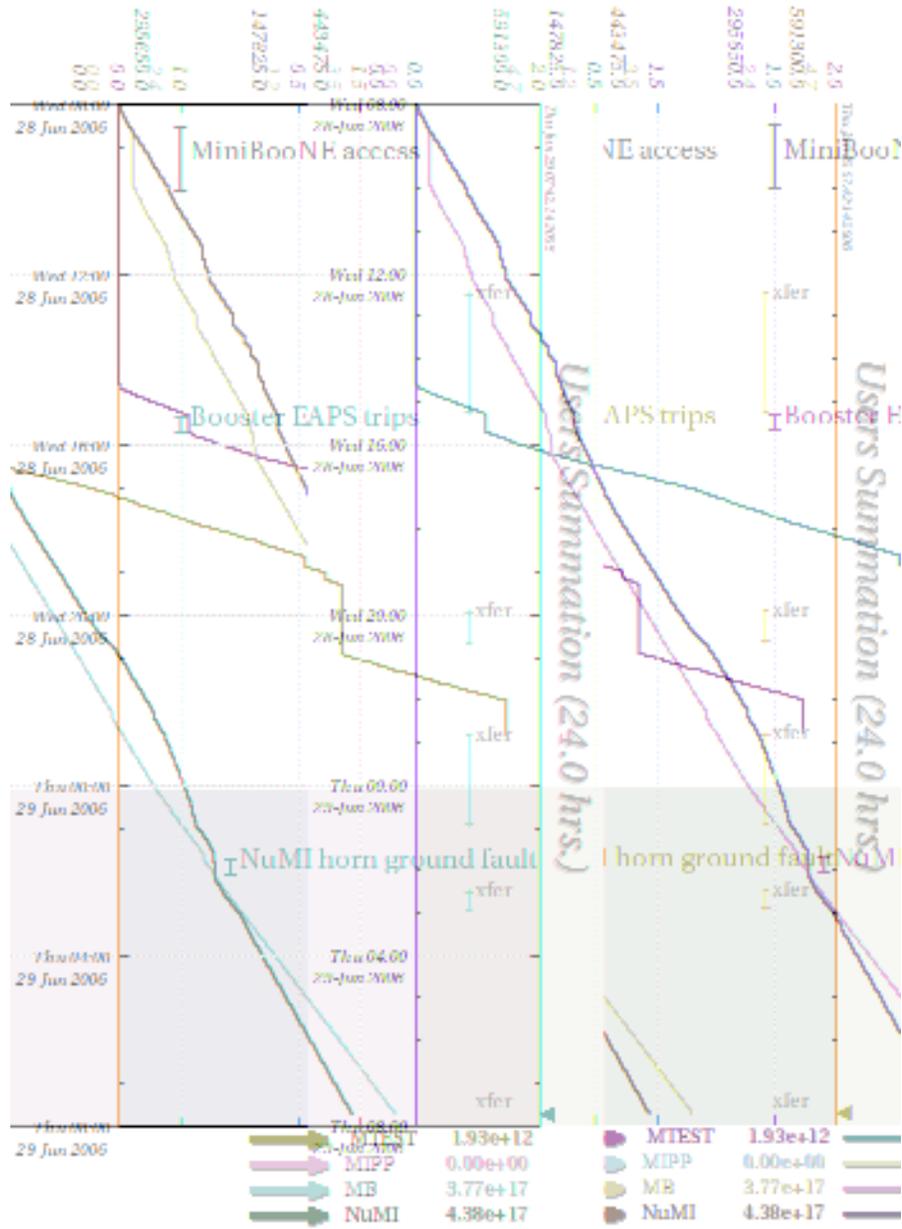


# 2006-06-29 9am Scheduling Meeting

Thursday, June 29, 2006  
8:01 AM

- Crew Chief Summary:**





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- **Notes from Run Coordinator:**
  - Store 4804 had the largest initial luminosity ( $117.67 \times 10^{30} \text{ cm}^{-2} \text{ s}^{-1}$ ) since the shutdown, but there is still a lot more work to do to get back to the  $160 \times 10^{30} \text{ cm}^{-2} \text{ s}^{-1}$  and above level.
  - Integrated for last 7 days is  $\sim 16 \text{ pb}^{-1}$ . We need to get to the  $20+\text{pb}^{-1}$  consistently.
  - Stacking rates need to increase, which should benefit from more beam on target.
  - Recycler transfers have been more efficient, 90%; however, the we are not able to put as many Pbars into the RR yet.
  - In addition
    - RR LLRF
    - Tev blowup.
    - HP3DS
    - Numi
- **Machine Summaries:**

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  - **Linac**
    - Summary:
      - Running fine
    - Requests:
      - Access NMR probe in spectrometer magnet.
  - **Booster**
    - Summary:
      - Continued to tune
      - Higher losses. Cogging problems. Troubleshoot LLRF - problem went away
      - AC in LLRF room problems, - after AC fixed, better.
      - Crate 24 V, 26V. - need to replace crate 30 minutes
      - Noker firing every other pulse,
      - 1/4 of IP tripped off. Pumped down really quickly. There was work in the room at the time.
    - Requests:
      -
  - **Main Injector**
    - Summary:
      - Shot
      - Sda tran emitt garbage,
      - Long emit looked pretty good. Best for
      - 86% coal eff. Good since larger pbar stack
      - JD adjust 2.5MHz alignment.
      - Trans to rr
      - Torf16 and Tor714 offsets adjusted.
      - Tor521D reporting bad.
      - Need to look at slip stacking. - work
      - Slow spill efficiency lower. - need to work on those.
    - Requests:
      -
  - **Pbar**
    - Summary:
      - Pbar Stacking Numbers
        - ◆ Best Stacking = 13.2 mA/hr
        - ◆ <Production> = 14.4 e-6/proton
        - ◆ <Beam on Target> = 5.5e12
      - RR 90%, 90%
    - Requests:
      -
  - **Tevatron**
    - Summary:
      - Afternoon - large emittance growth. Looks like an separator spark. - points to C49, where there is a separator.
      - No history.
      - Something very fast, blew bunches up.
      - Had to rescrape, since spikes in proton halo
      - This store, looks good
      - Halo losses beginning of store good
      - Smooth, and orbits looked better
      - E17 proton shottkies not reporting data, experts will investigate.
      - D0 reported proton halo losses were higher, but were in the expected range for the higher D0 vacuum.
    - Requests:
      -
  - **Recycler**
    - Summary:
      - Didn't lose any pbars during RF glitch.

- Experts reset the system
    - Caught after two parcels injected with no 2.5MHz.
    - Beam behavior
    - Pelletron
    - One of two Acs off. Back on.
    - running well.
    - Efficiency for transfers is up, but
  - Requests:
    -
- **SY120**
  - Summary:
    - three problems
    - P1 ramps on 21 cycles
    - Extraction efficiency
    - HP3DS
  - Requests:
    -
- **MiniBooNE**
  - Summary:
    - Down for an hour and a half - dehumidifier problem.
    - $2e16$  /hr at 5 turns good.
  - Requests:
    -
- **NuMI**
  - Summary:
    - Pleased - 7 to 8 turns
    - 8 back down to 6
    - NuMI trips. Nickel coating on horn. Nickel flakings on horn. Transient recorder on circuit, if something else. New housing is being built without Ni plating - few months!
  - Requests:
    - 
    -
- **CDF**
  - Summary:
    - Back end of 4802 - 81%
    - No signif. Beam losses.
    - Downtime
    - Beam blowup and during scraping
    - Changed L3 filter from rh linux to sci linux
    - Lum. Counters are still being worked on. Still looking into it.
    - 4804 -
    - Have bus with I3 filters
    - 6am - solinoid problems
    - Dry engine failed, li he level low.
    - New dry engine,
    - Found a problem with cold value in wet engine.
    - Wont be taking data until noon.
  - Requests:
    -
- **DO**
  - Summary:
    - 90%
    - Tev
    - Ran without silicon after blowup
    - Took special runs.
    - Could not ramp up one octant in Si, broken wire.
    - Fixed in controlled access.
    - Asked for re-scraping - put Si back in.

- Looking at the data.
      - Quiet time showed no damage to silicon.
    - Requests:
      -
  - **FESS**
    - Summary:
      -
    - Requests:
      -
  - **Mechanical**
    - Summary:
      -
    - Requests:
      -
  - **Other**
    - Summary:
      -
    - Requests:
      -
- **The Plan**
  - Summary:
    -
  - Requests:
    -