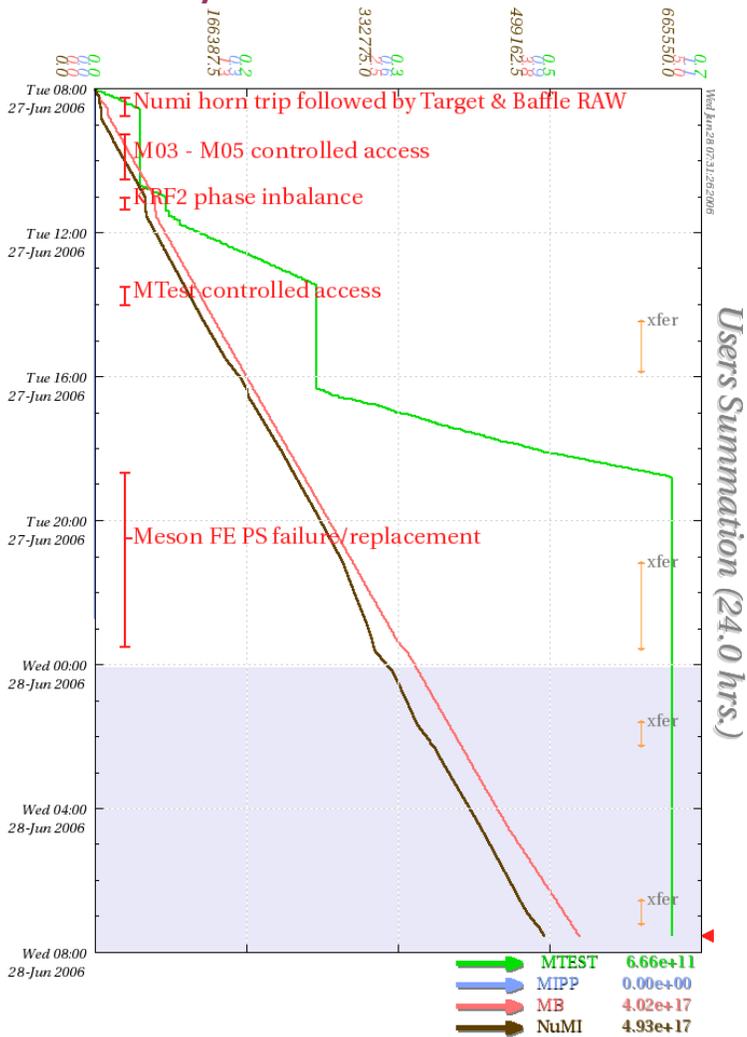
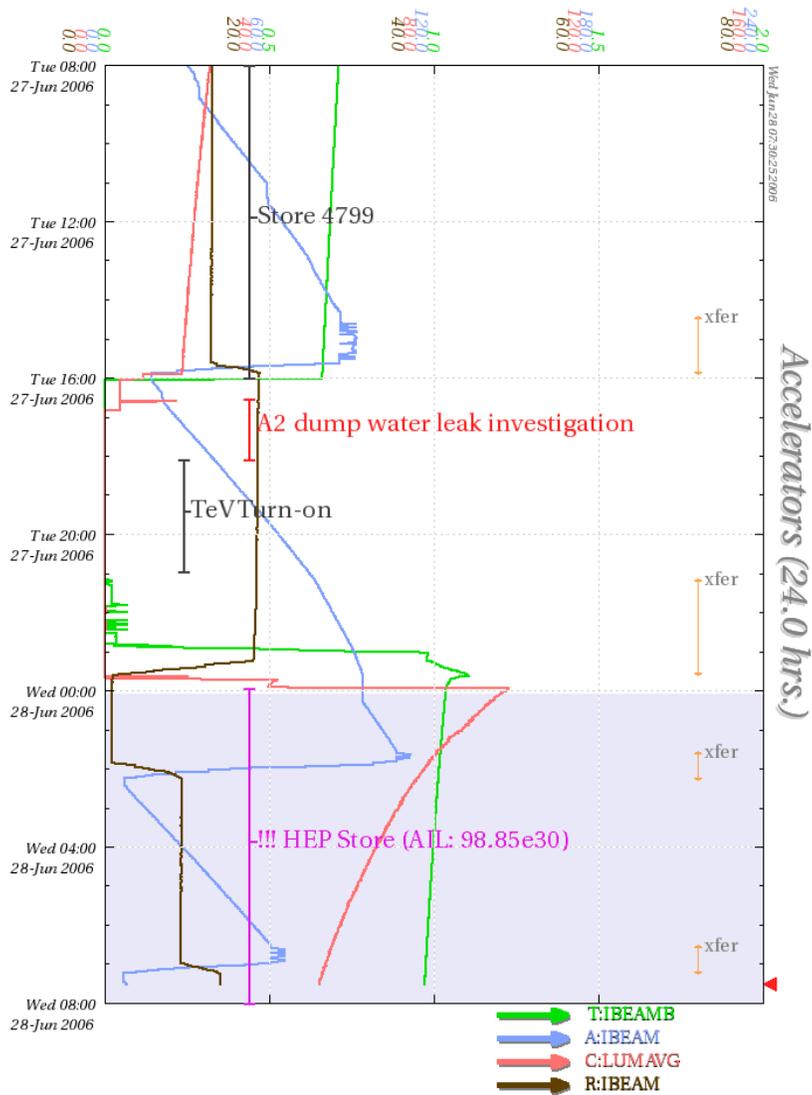


Crew Chief Summary:



- Meson - FE problem



Pasted from <http://www-bd.fnal.gov/mcr/plots/24hr_plot_Accelerators_7_30_31.png>

- A2 dump water leak
- Store 4802
-
- **Notes from Run Coordinator:**
 - Problems with Alarms - this needs to be addressed.
 - Luminosity was 10% low. RR emittances up a couple pi, Coalescing down a bit.
 - No stashes above 200 yet.
 - CDF changed calibration. Luminosity has been diverging since start of store?
 - Continue to make progress.
 - Protocol for SY120. 12 hour windows - noon to midnight. 9am to 9am. 2 cycles per minute during these times.
 - Need holiday call-in lists.
- **Machine Summaries:**
 - **Linac**
 - Summary:
 - KRF2 was a broken water valve on cavity water system
 - Requests:
 -
 - **Booster**
 - Summary:

- 86-87% - continue to tune. Working on intensity.
 - Requests:
 - 15 minutes. Replace sample and hold for phase lock
 - 15 minutes - balancing BRF19. It is a spare, but not currently usable.
- **Main Injector**
 - Summary:
 - Long. Damper - damper relay switch may be intermittent.
 - SY120 mixed mode - ran into a technical problem with the beam line ramps.
 - Requests:
 - MI-20 BPM upgrade. Would like \$2B in TLG to commission new BPMs.
 - 2.5MHz RF - needs 30 minutes without transfers
- **Pbar**
 - Summary:
 - Pbar Stacking Numbers
 - ◆ Best Stacking = 13.5 mA/hr
 - ◆ <Production> = 14.6 e-6/proton
 - ◆ <M:TOR109> = 5.5e12
 - Combination of factors to improve stacking.
 - ◆ DRF2 ramping to DC
 - ◆ AP2 tuning
 - ◆ Improved beam quality from Booster and MI.
 - Studies for DRF2 change from DC to ramping system.
 - D:IKIK module #1 - may be arching on cable to module #1.
 - Requests:
 - Short access after RR transfer to find location of arching and repair it. Other short jobs. Repair shunt Q732.
- **Tevatron**
 - Summary:
 - Store looked pretty good.
 - Losses low.
 - D49 collimator is out of synch, but working
 - Pbar emittance blowup at collisions
 - First store after the smooth. The smooths appear to have helped.
 - Requests:
 -
- **Recycler**
 - Summary:
 - Reasonably well.
 - Ecool - work on AC for building.
 - Will need more cooling time if we want to empty Accumulator this time around.
 - Requests:
 -
- **SY120**
 - Summary:
 - Will need to tune-up better for next week.
 - Requests:
 -
- **MiniBooNE**
 - Summary:
 - Running 6-7 turns
 - Access this morning - investigate dehumidifier problem. Had a high level alarm on a holding tank.
 - Requests:
 -

- **NuMI**
 - Summary:
 - Also running 7 turns
 - Intensity is inching up.
 - Ran steadily
 - Made interleaving work.
 - Requests:
 -
 -
- **CDF**
 - Summary:
 - Started running in current store.
 - Ave efficiency was 77%
 - Went in controlled access yesterday.
 - Got their quiet time work done also.
 - Fixed hardware problems on CLC hardware readout. They still have one calibration step left.
 - Requests:
 -
- **DO**
 - Summary:
 - Ran in the low 80%
 - CFT crate problem.
 - SMT readout crate - took 45 minutes to solve.
 - Fixed a few PDT channels. Fixed some bad trigger channels.
 - After access, L0 HV channel was tripping - may be a short in the hall, but not sure?
 - Requests:
 -
- **FESS**
 - Summary:
 -
 - Requests:
 -
- **Mechanical**
 - Summary:
 -
 - Requests:
 -
- **Other**
 - Summary:
 -
 - Requests:
 -
- **The Plan**
 - Summary:
 -
 - Keep store into owl shift
 - Pbar - stack not as high, so access is earlier.
 - Requests:
 -