



Downtime was Booster MP02 change-out and GMPS ground fault.

Current Issues

- Maintenance
  - Stepper motor crate; - now fixed
    - Swapped cards, looked at connections.
    - Is working again.
  - D:IB - cap bank shorted out.
- Existing Problems
  - BV728
    - Closed twice.
    - If happens, reset air bits and then try to open remotely.
    - Controls experts investigating.
  - TOR724
    - Good chance it will be fixed today.
    - This bit of code - was added by controls. This command does a query command. Disabled the OAC pounding on the scope to setup a test command. Commented out offending line of code....will investigate.
  - SEM806
    - See elog....
- Cooling
  - Debuncher Momentum
    - Equalizer ready for installation; need characterization meas.
    - Double Optical Notch installed- initial foray
  - Core Transverse Systems
    - Measurements made
  - Delta Kickers
    - Wait until the end
- Rapid/Rapid Transfers
  - Want to make operational
  - On-calls should learn

- Lens
  - 10mm-2 installed
  - Recovery of 10mm-3:
  - New: filled; *installed* in transformer; ready after testing by mid/ late April
  - Stripline study continues
- Back Burner
  - Debuncher Tunes
  - Lens Gradient
  - Proton Spot Size
- Leave Calendar
  - Monthly: please fill out effort report on Friday
- On-Call coverage
- Electronics Studies List

### **Accumulator Emittances**

- Betatron Equalizers are being designed/built
- Delta Kickers
  - Horizontal in use part of the time
    - Is there any gain?
  - Vertical – more measurements
- Tank Moves
  - Procedure for electrical centering
    - Want to have more people involved & make faster