

Operability Report

2/6/2008

Accelerator

Machine energy at 811 MeV/pass

- Keep KREST running
- Keep pathlength errors as low as possible to minimize energy spread
 - Monitor FFB signals and run tune beam if needed
- No CW beam to the BSY dump
 - VESDA has been masked
 - Raster power supply failed FSD test

Hall A

Off line

Hall B

FROST

- **3 Pass 2.478 GeV, Max current 30 nA**
- Take 2C24 harp scans and fopt data to the hall B tagger dump before and after any Hall pass changes
- Keep the Tagger viewer on. Set the “Hall B T Dump” input to MaxVid 1 Data on the Video Cross point Switcher whenever it is not in use elsewhere.
 - **Remember to run the setup script for Hall B Tagger Dump if needed**
- Current instabilities may be caused by A1, A2 steering
- Hall B controls their own Asymmetry feedback loop (IA)

Hall C

GEP/GMp via recoil polarization

- **5 pass 4.100 GeV; Max current 50 uA**
 - **May change to 2 pass on Sunday 2/10 for Moeller running**
- When setting up a Moller run, you do not need to load the Moller combined optics, just turn on the two Moller quads and steer the hall line. The Moller quads settings are provided by the hall. Leave the Moller quads off after the Moller run is complete. Q2 power supply may require access by hall expert to turn on.
- **FFB on in position and energy mode**
 - **Slow target lock on**
- **Hall C vacuum leak downstream of the target chamber**
 - **Was the dump Be window**
 - **Replaced with an Aluminum window with a lower cw current limit (50uA cw)**
- **Target valve 3H00C FSD bugged**
 - **3H00B will still close and pull the FSD**