

Operability Report

4/9/2008

Accelerator

Machine energy at 1130 MeV/pass

- Arc 1 Box Supply has trouble turning on
 - Continuing investigation by EES in progress
- AT07A BLM faults
 - AT07B relocated, hardware replaced on both BLM's. May be related to Arc 1 box supply problems. Additional info to follow.
- Arc 1 valve
 - VBV1A04
- Keep KREST running

Hall A

E04-007: Precision Measurement of Electro production of π^0 Near Threshold

- 1 pass 1.193 GeV; max current 15 μ A
- Compton on
- FFB in Position mode
 - Slow target lock on

Hall B

g12

- 5 Pass 5.713 GeV, max current 80 nA
- 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 or loss of accelerator orbits when Hall C is not running.
- Fast current ramp after FSD trips (<10 seconds)
 - Use the current lock

Hall C

GEp/GMp via recoil polarization and Two-Photon Exchange

- 5 pass 5.713 GeV; max current 80 μ A
- Follow the new procedures for Moeller runs or energy measurements.
- FFB on in position and energy mode
 - Slow target lock on