

Operability Report

4/4/2007

Accelerator

2L04 removed from machine

- It has been taken to test lab for refurbishment

1L05 should be brought on line by the end of this week

- Special instructions are still pending

The present accelerator setup is 774 MeV/pass

- We will change energy to 939 MeV/pass sometime next week

South linac path length monitor fixed

- EDM Phase Control slider incorrectly mapped with Amplitude Control
 - Alternate procedure has been written and will be released soon

The Hall C laser has been removed

Hall A

(Elastic Electron Scattering Off ^3He and ^4He)

- Setup Friday or Saturday at 1 pass 818 MeV (depends on cryo target work)
 - Scale to 1 pass 992 MeV sometime next week
- Up to 100 uA
- FFB position and energy

Hall B

Kaon Photoproduction on the Deuteron Using Polarized Photons

- 5 pass 3914 MeV
 - Scale to 5 pass 4748 MeV sometime next week
 - Aspect ratio
 - Use smart knobs, viewers, and harps (Hall B procedure)
- Up to 30nA
- Current stability
 - Caused by 60 Hz noise on the beam
 - Try adjusting the Hall B laser phase, atten, and slit position
- Position stability at nA BPM
 - Caused by dispersion leaking into the Hall B line
 - Use CS tool and arc 9 dispersion quads (ORFP)

Hall C

Off Line

- Reconfigure for E05-017 (4/28)