

S7 operation update

Eric Dufresne, TRR group meeting, May. 1, 2007

- We have an extensive list of tasks to complete in preparation for the next run of laser experiments in 7ID-C and 7ID-D this summer.
- 4 new standard APS PCs and two BW laser printers were received recently and will be installed on the new network.
- The new network is operational. Things looks great and we are all very impressed by the rapid progress of the IT group.
- An extensive electrical distribution system reorganization is ongoing to enhance our ability to add new AC circuits in the future, both clean and dirty. We had very little room to add clean power circuits. The power on the experimental floor is down since Tuesday April 24 and will be returned by the end of Friday May 4, 2007.
- We started to plan the 7ID schedule for this summer's run yesterday.

S7 May shutdown

- On Jan. 26, we had an XOR Safety Inspection. Mitigation of deficiencies found is underway.
- The new control station will be added for 7ID-C next to the new 7ID-D workstation on the Wrightline wall likely this shutdown.
- DA and ED tried to integrate the 7ID-A monochromator encoder in EPICS during the start-up week but the new Heidenhain decoder box doesn't seem to read the monochromator encoder pulses. We will work with BCDA to integrate the encoder in EPICS.
- We will develop a plan to bring Air Conditioning in the 7ID-C hutch.
- We plan to install also a new cable tray near 7ID-D (awaiting funding).

Sector 7 Development and R&D

- JW and partners are developing a plan to complete the 7BM beamline for imaging of fuel sprays. JW, ED and Mark Erdmann (AES) are working on a draft design and equipment need for the beamline. Good progress has been made in the past month.
- Several group members (ED,DW,BA) attended SRI07 last week. The conference and workshops were excellent.