DSG Meeting Minutes – Wednesday, November 5, 2014

Antonioli, Mary Ann:

Vacation

Arslan, Sahin:

Hall B

- QC-ing at Fermi, SVT module production.
  - QC-ed backing structures and performed electrical tests on 070A, 071A, 072A.
- Completed tests on modules P67, P68.
  - Working on modules P69, P70, P71.

Bonneau, Peter:

Medical Leave

Butler, Dave:

Hall D

- Troubleshooting Hall D FDC chiller.
  - Chiller with the new compressor has been running without any faults since 10/31/14.
  - Prepared an effective troubleshooting plan with the chiller manufacturer (SMC) for the new compressor that was installed.
  - Ordered a new controller and temperature sensor for the chiller to aid in troubleshooting or to be a spare.
  - Prepared instructions for installation of new controller and sensor, if required.
- Preparing an overview presentation of the Hall D Central Drift Chamber (CDC) for the weekly DSG meeting.
- Attended the FDC/CDC meeting, daily DSG Slow control meeting, and the daily Hall D beam readiness meeting.
- Updated the FDC/CDC gas system fault handler tags for EPICS monitoring and forwarded them to Hovanes.
- Building a PLC Compact Logix system for Hall D offline PLC software and hardware development.

Eng, Brian:

Hall B

- Located and sent travelers for HFCBs 38 and 72 to FNAL.
- Attended SVT Directors Review.

Hall D

- Attended FDC meeting, with Dave and other Hall D personnel. Met with chiller representative (who turned out to be more sales, less technical).

- Walked through Hall D with Dave, noting in particular, the locations of all the PLC systems.
- Started reviewing Hall D FDC PLC code.

DSG

- Swapped larger hard drive in Marc's computer.

Jacobs, George:

Hall B

- Performed QA on super conductor at AES in Allentown, PA, 2-8 Nov 2014.
- Performed pre-job planning and made HBlist entry for re-allocating gas lines from 96B to Hall B.
- Determined correct relief valves to use on gas lines that run from Hall B gas shed, 96B, to equipment in Hall B and requested quote from Circle Seal Controls.
- Performed QA on CLAS12 R1 DC HV cable soldering.
  - Determined that there are boards on each of the 6 R1 detectors that require re-work to meet specifications.
- Performed pre-job walkthrough with cryo tech Dano Oprisko for gas line re-allocation job in Hall B gas shed, 96B.
- Determined correct model of flow meter for use in HTCC testing in TED clean room and ordered same for Youri Sharabian.
- Determined and ordered correct model of pressure regulator to install in gas shed for HTCC CO_2 Hall supply line.
- Determined correct model of check valve for use on the HTCC CO_2 supply line and ordered same.

Leffel, Mindy:

Hall B

- Wrapped, with Tina, 26 PMTs to be shipped to Temple University, where the faces will be re-coated with P-Terphenyl.
- Wrapped and packaged 14 Winston Cones and labeled the boxes with the serial numbers.
- Inventoried, with Tina, the Winston Cones: small 118, plastic 23, and large 72.
- Terminated two and prepped six more SVT slow controls patch panel cables.
- Coordinated cutting of DIN rails for SVT slow controls patch panel with machine shop.
  - Eight pieces delivered.

Hall D

- Went to Hall D for systems check/walk-through.

Mann, Tina:

Hall B

- Realigned laser through pin holes.
- Packed up small Winston cones to be shipped out to Evaporated Coating Inc (ECI) for resurfacing.

- Repacked PMTs to be shipped to Temple University in Philly for the faces to be re-coated with P-Terphenyl.
- Counted all Winston cones and made an Excel spreadsheet to track inventory.
- Tested 13 plastic Winston cones.

Hall D

- Hall D System Check: inspected cable connection on LV connectors on breakout boxes (each one of the cables go to at least 3 or 4 pre amp cards; there are 4 breakout boxes total)

McMullen, Marc:

Hall B

- Wrote a document which will provide information on the SVT module cables for the upcoming reviews.
  - Document provides information on cable manufacturing and quality assurance and connection and care during detector assembly and transport.
- Attended Director's Review SVT Technical Status presentation.
  - Answered questions pertaining to the HFCB delivery status and vendor competency.

Hall D

- Attended Hall D Run status meeting all week to become familiar with Hall personnel and issues.
- Supplied Hall D with a bench top multimeter to monitor current in the counting house, from a beamline PMT.

Sitnikov, Anatoly:

Hall B

- Polished 46 (diameter 0.32 mm, 4.8 m long) boron silicon fibers for the CTOF calibration system.

Teachey, Robert Werth:

Hall D

- Specified an ambient pressure sensor to be placed on the FDC gas system and to be read back with a PLC.

DSG

- Installed software for the first PC (Hall D subnet) for the DSG monitoring system.
  - Connected PC to the monitoring display switch in the control room.
- Checking operation of the new DSG Monitoring System PC (Hall B subnet) from the computer center.