

DSG Meeting Minutes – 3/13/14

DSG members introduced themselves.

Patrizia stated the scope and responsibilities of the group.

Amrit announced that in his absence, Brian would be in charge of the group and that the DSG meeting will be held every Thursday at 1:15 in room 2561B in the TEDF building.

Each member explained what they were working on:

Mary Ann – AutoCAD design of the slow controls hardware, analysis and documentation of test data, writing CLAS-Notes and technical design reports, updating progress reports for CLAS12, assisting with fabrication of cables and multiplexing boxes, and procurement.

Peter – Development of testing hardware and software for the FSSR ASICs of the SVT, in particular differential control lines tests; development of EPICS controllers (IOCs), and development of the slow controls hardware.

Marc – Refinement of the HFCBs and bus cables, quality control of the above; testing and visiting vendors to ensure quality.

Mindy – Fabrication of cables, humidity and temperature sensor boards, inspection under the microscope of backing structures of the SVT modules and photographing them for quality control and documentation.

Brian – Integration of front end electronics with back end electronics, development of code for analysis of test data (cosmic, source, and beam), and development of data basing procedures.

Werth – Development of LabVIEW slow controls and test stations to be used at Fermi for burn-in and testing of production modules and HFCBs, and for acceptance tests at JLab.

George – Stringing CLAS12 drift chambers (DC), development of gas systems for DC, high threshold Čerenkov counters (HTCC), and low threshold Čerenkov counters (LTCC); quality assurance of soldering of solenoid coils at vendor site.

Dave – PLC programming for slow controls for the Hall D detectors, including magnet; assistance with the installation of the forward drift chambers (FDC).

Tina – Testing cables and FADCs; fabrication of cables; assistance with work on FDC and barrel calorimeter.

Anatoly – Epoxying of scintillators for the pair spectrometer, work on FDC helping with installation.