

DSG Meeting Minutes – 3/25/14

Mary Ann – Completed signal names spreadsheet for EPICS; needs VME card serial numbers. Completed flatness analysis of CMM data of the production modules P6, P7, P8, and P9. Continued work on HV distribution box, 5 of 7 rows completed. Updated costpoint spreadsheet.

Dave – Worked on gas system of FDC/CDC. Flow rate is around 200cc/s. Programming controls for the solenoid and pressure flow system. (Will distribute a copy of the procedure. Will incorporate digital resistor for quench detection.

Brian – Continued database work on production modules. Plans to link sensor data to database. Performed gain scans on modules P1, P2, P4, and P5. Completed reception tests on modules P6, P7, and P9. All modules have noise levels $< 2000e^{-}$ s.

Mindy – Continued work on VME patch panels. Completed five D sub, 25-pin, cables. Fabricated humidity/temperature sensor boards.

Tina – Worked on 45' long cables, which have D sub-50 connectors. Worked with Dave on installation and hook-up. Will email specs on pencil solderer.

Marc – Worked on “via” changes on HFCB. Finished testing data cables.

Werth – Updated the bias scan plotting function in LabVIEW. Worked on fixing memory leak.

Anatoly – Checked FDC (528 connectors, ~12,672 channels). Noted from current readings, ~200 channels were damaged. Repaired damaged connectors/channels. Only 53 channels bad; 0.4% are damaged. Assisted with pulling out the FDC and pushing it back (takes about 6 hours.) Noted that some grommets for the barrel calorimeter are conductive (0.6Ω instead of $1 M\Omega$). Decided not to use grommets