

DSG-Hall A ECAL Weekly Meeting

Date: March 21, 2024

Time: 09:00 – 10:00

Attendees: Deb Biwas, Jimmy Caylor, Donald Jones, Simona Malice, Marc McMullen, Albert Shahinyan, and Bogdan Wojtsekhowski

1. Six-supermodule test stand

1. Mindy Leffel has completed two power supply interface chassis
 - Marc will test on the bench and start installation in the hall
2. Marc will give the heater input, output, and control voltage connectors to Don with a pinout
3. Marc will prepare a pinout for the control cables for Mindy for the current monitoring, coil power, and control voltage

2. ECAL heater controls

1. Marc has started the selection of a controls equipment rack to mount the expansion chassis and thermocouple terminal blocks
2. Marc has measured the space available on the power supply rack (21.5" w x 3.75" h x 4" d)
 - Production power supply interface chassis will be reduced in depth
 - Mounting extension will be required (~ 8" d)

3. Full system installation

1. Don is installing the heaters and thermocouples on the supermodules in the detector stack
2. Don is inquiring of Hall A mechanical and EHS&Q about the materials to make the lighttight enclosure; he is working with safety and the deputy work coordinator
3. Deb presented the progress of the cable connections
4. Production for mu-metal shields is on-going
5. Jimmy gave an update on the cooling system for the full detector; flexible tubing will be used to make the connection between hard piping that has shifted to accommodate supermodule installation position