

DSG-Hall A ECAL Weekly Meeting

Date: March 7, 2024

Time: 09:30 – 10:30

Attendees: Jimmy Caylor, Lawrence Hurt, Donald Jones, Simona Malice, Marc McMullen, and Bogdan Wojtsekhowski

1. DSG – ECAL controls development

1. PR427288 (Crystal and lightguide temperature monitoring cRIO modules) has been ordered ([24-P0677-0](#))
2. Marc will continue ordering infrastructure for full system controls
 - Expansion chassis half rack
 - Mounting panels for expansion chassis and Omegas
 - Cabling for between expansion chassis and power supply interface chassis

2. Six-supermodule test stand

1. EPICS process variables are in the process of being added to the archive
2. Two power supply interface chassis are being assembled by Mindy Leffel

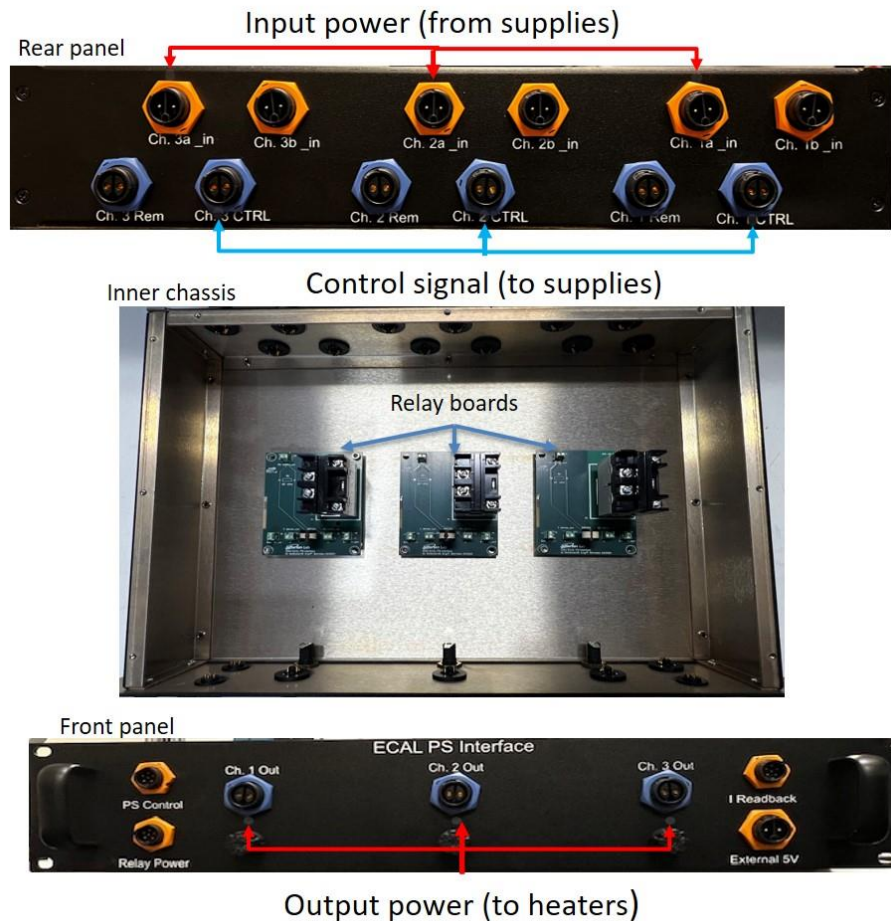


Figure 1. Rear, top, and front views of the power supply interface chassis

3. Full system installation

1. Fourteen supermodules have had the PMTs and mu-metal shielding installed
2. A frame to make a light-tight enclosure for the PMT side of the supermodules is being discussed
3. Don made a tool that allows a single person to apply the mu-metal shield to the lightguide and PMT
4. A plan to route the cables was discussed to determine the most efficient path

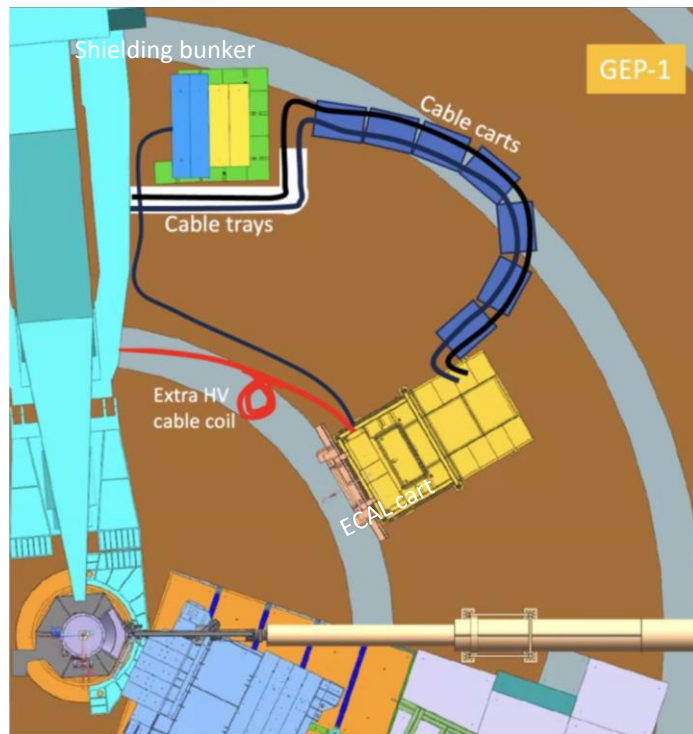


Figure 2. Birdseye view of the ECAL cart and shielding bunker with proposed cable routing