

DSG-Hall A ECAL Weekly Meeting

Date: February 08, 2024

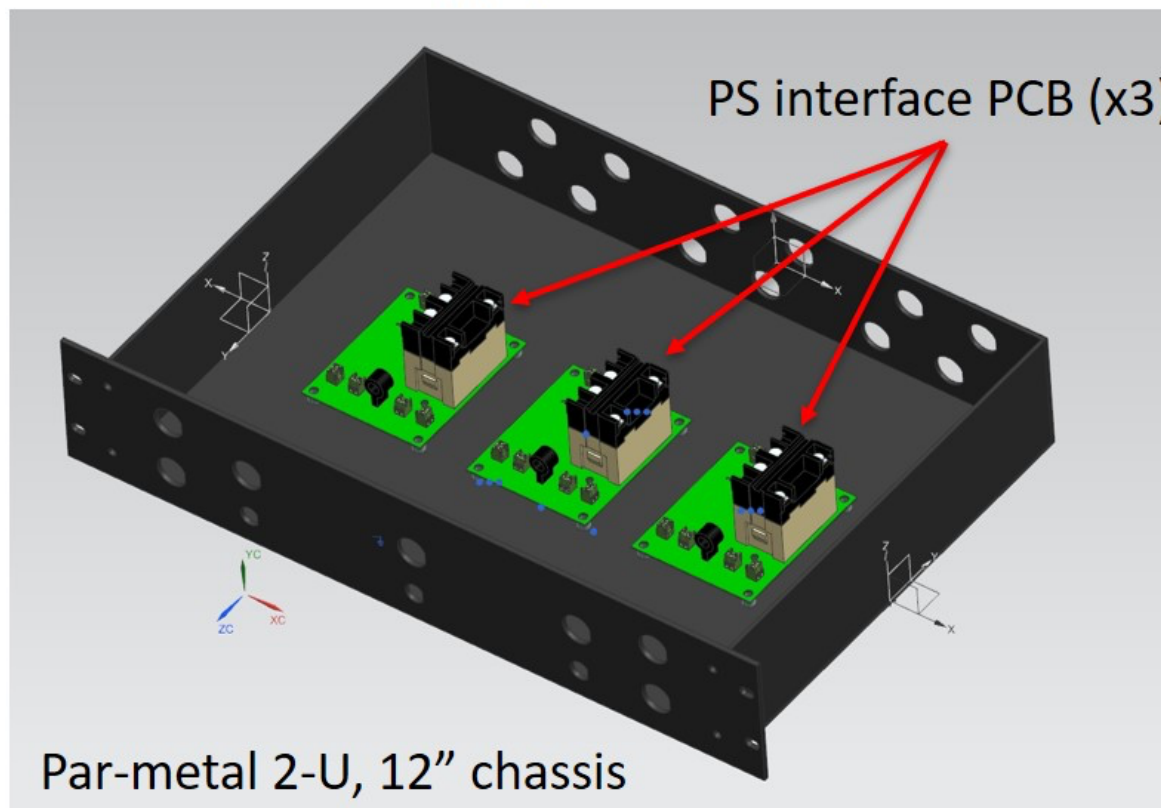
Time: 09:00 – 10:00

Attendees: Jimmy Caylor, Brian Eng, Lars Gustavson, Donald Jones, Mark Jones, Simona Malice, Marc McMullen, Albert Shahinya, Bogdan Wojtsekhowski,

1. DSG – ECAL controls development

1. PS interface chassis design is complete and parts have been submitted for procurement
2. PCB for the PS interface chassis has been reviewed and ordered with components

Power Supply Interface Chassis



2. Six-supermodule test stand

1. cRIO and expansion chassis have been assigned IP addresses on Hall A subnet
2. Marc is testing connectivity before installing the cRIO in the counting house and expansion chassis in the hall
3. Marc verified that just the controls for the prototype (six-supermodule) is what is needed for G-nrp in April

3. Full system installation update

1. All supermodule stacking that can be done is completed
 - Supermodules still need lightguide repair
2. Next, Don will start connecting heaters and thermocouples

3. Simona and Jimmy are conducting PMT installation tests on the supermodule lightguides



Figure 1 shows a single PMT installed on one of the lightguides of a supermodule.

4. Foam glass insulation material will be used for the detector enclosure
 - Black plastic will be used for enclosure cover
5. Currently there is enough mu-metal shielding to make three supermodules
6. A work-planning spreadsheet has been added to the [sharepoint](#) directory