

DSG-Ecal Meeting Minutes

Date: September 27, 2021

Time: 11:00 – 12:00

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Mindy Leffel, Tyler Lemon, Marc McMullen, Albert Shahiny, Bihn Ton, and Bogdan Wjtsekhowski

1. Scope of work

1. Hall A has requested that the DSG help with the assembly of the Electronic Calorimeter (Ecal) supermodules
 - a. 135 super modules have been assembled
 - b. 57 super modules are needed to complete the project
 - c. Previously assembled super module frames need to be inspected for defects which would cause misalignment of the lead-glass blocks
 - d. A video meeting will be set up to do a guided assembly of a super module
 - e. Super module assembly tolerance is maximum ± 2 mm along the long axis, light guide assemblies should be matched in groups of nine to ensure the tolerance is met

2. Documentation

1. The current assembly procedure is up to date
2. Mechanical drawings have been provided
3. All tooling is standard and at the lab

3. Photos



Figure 1 Supermodule frame_top view. The frame is about 2' long.



Figure 2. Supermodule frame top view, width is just over 5".



Figure 3. Inside view of the base direction. These bases should be checked for planarity across the top surface and misalignment with the base flange

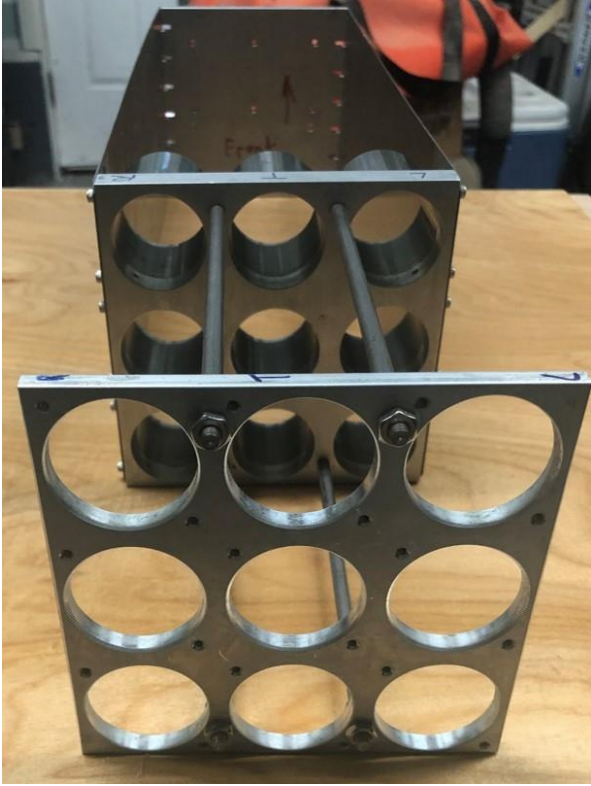


Figure 4. Rear view.

4.