Hall A – CLEO Magnet

Aaron Brown, Brian Eng, Marc McMullen

- Completed 3D prints for prototype mapping unit enclosure parts, using Detector Imaging lab's printers
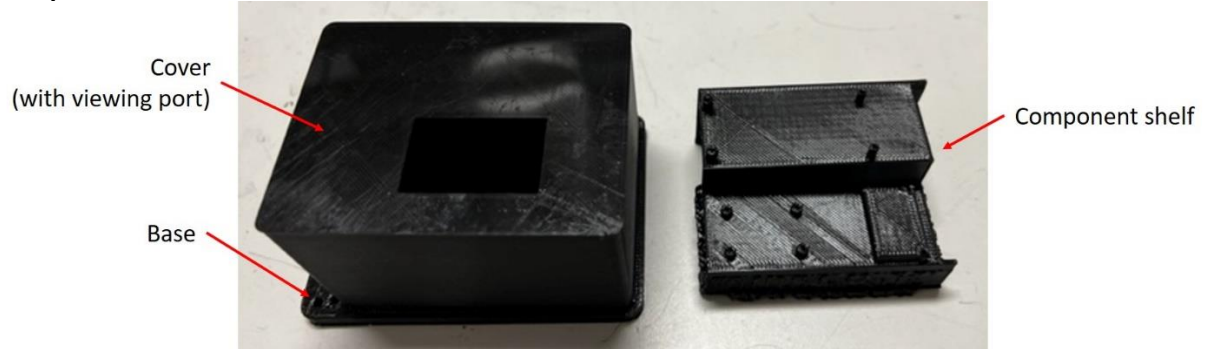
- First print of enclosure failed, probably due to containments in resin
    - ✱ Still waiting on filter parts to try to clean resin; in the meantime emptied resin tank and filled with new resin
    - ✱ Attempted to print slightly modified design (screw standoffs vs clips for PCBs) using Medical Imaging's printer; worse quality and some features didn't print at all (clips to mount shelf to base)

Hall A – ECAL

Marc McMullen

- Requested networking change for the DAQ elements of the heater test stand (cRIO, Agilent 6700B supply)
- Mounted heater to supermodule

Hall A – Møller

Brian Eng

- Received first quotes from Siemens; cost more than 2x less than Allen Bradley
    - ✱ Need to get estimate and order evaluation system (controller + one of each type of module + software)

Hall A – SoLID

Mary Ann Antonioli, Pablo Campero, Mindy Leffel

- Soldered turret flanges D-F, all six are complete
- Provided expert support during automatic controlled ramp down
    - ✱ Investigated reason for ramp down; no voltage tap went over the limits
    - ✱ Made log entry: https://logbooks.jlab.org/entry/4076739
- Confirmed that the KepServerEX software license in use by Hall C cannot be used in another computer server
    - ✱ Software allows transfer of data between PLC controller and EPICS

Hall C – NPS

Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Brian Eng, Tyler Lemon, Marc McMullen

- Tested 17/17 control and monitoring Phoebus screens; debugged; began retesting
- Completed low voltage Phoebus screen
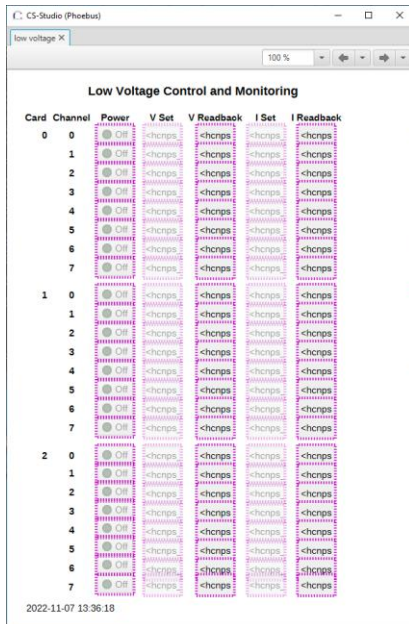
- Revised monitoring and control Phoebus screens and the manual for testing of NPS
- Wrote instructions to load DSG-developed software to control and monitor NPS systems during testing in the EEL building
- Making spreadsheet of hardware needed for NPS testing; began procurements
- Created application and IOC based on example templates for the VLD
  - ✶ Still getting errors when trying to initialize VLD from IOC startup script

Hall D – JEF

Mindy Leffel

- Wrapped 16 crystals

EIC

Pablo Campero, Brian Eng, George Jacobs, Marc McMullen

- Machined 3.5" O.D. pipe to hold four, ½" gas line adapters