ProtoDUNE Single Phase Construction Weekly Summary

June 19,2017

Issue with welds from vendor on APA2,3 frames has been resolved. FNAL weld shop went to PSL to reweled bad parts.

CR Board replacement underway with previous solder issues resolve; they should be able to be installed at PSL before shipping.

Good progress on the UK winder commissioning ; a few issues to resolve and then winding should begin.

P1 ADC ASICs for APA#1 are now at BNL and being tested. Testing shifts at BNL have started with collaborators from Florida, MSU and Houston participating; more groups will participate as the summer progresses. FE ASIC warm testing has been completed. Cold test boxes from MSU will be at BNL on Monday; these will expedite the testing time.

Photon detectors (6 Eljin bars, 6 dipped bars) almost ready to ship ; will ship mid-July to be there when needed.

Safety Analysis documentation for the APA and CPA/FC have been submitted to CERN HSE group.

DSS analysis and documentation is now complete and should be submitted on Tuesday.

Phase 2 HV test at PC4 is now being configured.