

Summary

Hall A – BigBite

Mindy Leffel

- Cut 82 of 272 DAQ cables: RG-58, 12' long, LEMO-to-BNC

Hall A – SoLID Magnet Controls

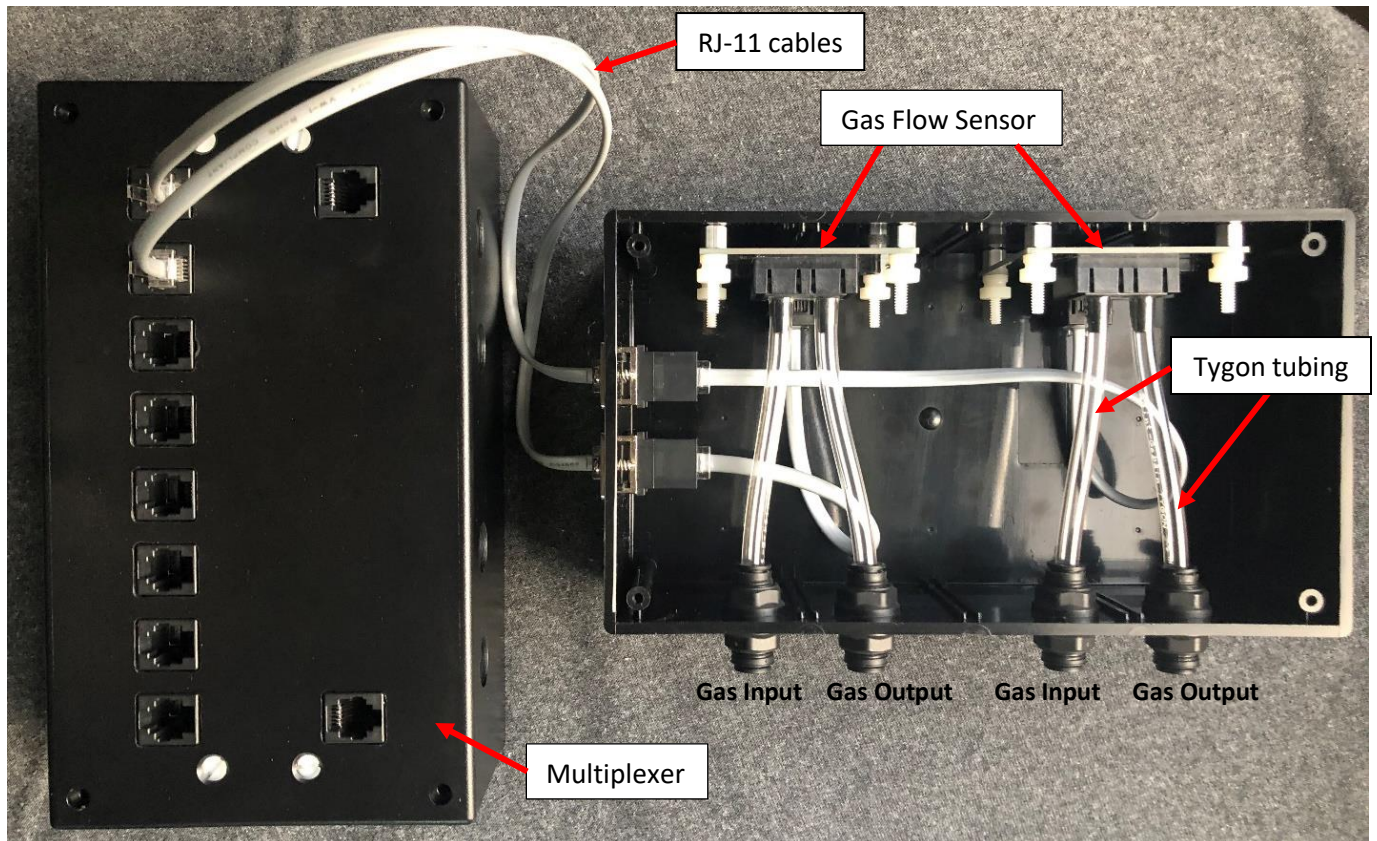
Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Tyler Lemon, Marc McMullen

- Completed SoLID Valve Setup and SoLID Valve Position Proportional (POSP) CSS-BOY screens

Hall A – GEM Detector Gas Distribution System

Peter Bonneau, Brian Eng, George Jacobs, Mindy Leffel, Tyler Lemon, Marc McMullen

- Assembled, and checked for fit, manufacturer's samples of the prototype Exhaust Gas Flow Sensor and Multiplexer enclosures designed by DSG



Prototype multiplexer and gas flow sensor chassis for the GEM detector gas distribution system



Detector Support Group

We choose to do these things "not because they are easy, but because they are hard".

Weekly Report, 2021-01-06

Hall B – RICH-II

Peter Bonneau, Tyler Lemon

- Estimated 134 aerogel tiles need to be stored for RICH-II
 - ★ Compiled summary of dry box features to procure new unit
 - ★ Cost of dry box: \$22,640
- Determined equipment needed for the temperature and humidity measurement system

Hall C – NPS

Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, George Jacobs, Mindy Leffel, Tyler Lemon

- Generated fault condition flowcharts for the Hardware Interlock System
- Generated 806 of 1080 PMT Settings screens
- Terminated Radiall 52-pin connector end of one 140' multi-conductor cable
- Labeled 1000 of 1100 high voltage divider cables
- Compiled, and posted to DSG website, current and voltage trip testing data for each channel of the 33 CAEN HV modules tested