

Hall A Gas Distribution Meeting

Date: August 18, 2020

Time: 10:30 – 11:30

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Tyler Lemon, Marc McMullen, Brad Sawatzky

1. **Gas Distribution Panel: Tyler presented the following designs and gave details on gas and data connections**
 - 1.1. Gas flow sensor chassis
 - 1.1.1. Gas flow sensor chassis has eight gas flow sensors, one I²C multiplexer, and panel connections for those parts
 - 1.2. Super BigBite gas panel
 - 1.2.1. Brad approved the designs
 - 1.2.2. Brad suggested DSG send a copy of the presentation to Jack
 - 1.2.3. Brad gave the project/organization code (AEXP/PHALLA) to use for procurement
 - 1.2.4. Brad requested an email as soon as the PRs were written to expedite procurement
2. **Flow Readback**
 - 2.1. Marc reported on progress of I²C multiplexer board
 - 2.1.1. Board is expected to be received at Jlab by end of August
 - 2.1.2. Board components have been marked as received by Jlab shipping and receiving
 - 2.2. Brian has received the level shifters needed to test the gas flow sensor boards
 - 2.3. Marc and Brian received phone cables from Jack to test the boards
3. **GEM detector progress for SBS/BB**
 - 3.1. Kondo and Evaristo sent the GEM detector schedules (UVA and INFN) to DSG
4. **Open discussion**
 - 4.1. The group discussed cable management trays as the area for exhaust gas flow sensors
 - 4.1.1. Some general dimensions were given (photographs and cable tray part dimensions)
 - 4.1.2. DSG will use this information to design boxes for exhaust gas flow sensors and multiplexers