

## DSG-GEM R&D Meeting Minutes

**Date: November 30, 2020**

**Time: 11:00 – 12:00**

*Attendees: Aaron Brown, Pablo Campero, George Jacobs, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran*

1. Reviewed changes to the Gas Flow Sensor chassis design
  - 1.1. Marc McMullen will resend Tyler Lemon's latest fabrication drawing to DSG for review, and then it will be discussed during the DSG status meeting on 12/2
  - 1.2. After any necessary changes have been made, drawings will be sent to Par-Metal for chassis fabrication
  - 1.3. George Jacobs drew a hand sketch diagram of the gas flow connections. Marc McMullen will modify the diagram and table to match George's diagram; the diagram and table will be used in the label scheme for the gas lines, gas flow sensor chassis and panels
2. Cardinal Machine is still having issues with new CNC software; they will e-mail when they send the first two exhaust Gas Flow Sensor and Multiplexer board enclosures to Jlab; the new estimated delivery date is 12/1
3. Marc McMullen will deliver the prototype Gas Flow Sensor chassis to the lab this week, and install the Raspberry Pi on the EEL Hall B subnet
  - 3.1. The upcoming test of the UVA tracker in TEDF will be on the 36 subnet
  - 3.2. Marc McMullen will contact the computer center to get a hostname for the Raspberry Pi so that it can be accessed via the network when the prototype GEM gas distribution system is moved