

DSG-GEM R&D Meeting Minutes

Date: September 28, 2020

Time: 10:00 – 10:30

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, George Jacobs, Tyler Lemon, Marc McMullen, Amrit Yegneswaran

1. Procurement status for the gas flow distribution prototype system
 - 1.1. Chassis delivered, panels outstanding
 - 1.2. The standoffs have been partially delivered (32 of 40)
 - 1.3. I²C pressure transducers procured
 - 1.4. Multiplexer board revision ordered
 - 1.5. Machine work for exhaust system project boxes has not been procured

2. Marc has procured prototype project boxes specified by Tyler's design for the exhaust flow readout enclosures
 - 2.1. Six project boxes procured for prototype system, which is built to support the exhaust of the BigBite gas distribution system
 - 2.2. Four boxes used for gas flow sensors (two per box)
 - 2.3. One box used for the multiplexer
 - 2.4. One box spare

3. Prototype completion date is anticipated to be in early to mid December, 2020