

## DSG-GEM R&D Meeting Minutes

**Date: August 31, 2020**

**Time: 10:00 – 10:30**

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

### 1. Gas flow sensor chassis components procurement

- 1.1. Marc presented a list of components that will be needed to build one prototype chassis and nine operational models
  - 1.1.1. George stated that he would provide part numbers for tubing and push-to-lock gas line connections for the exhaust system
  - 1.1.2. Marc has received components list from George and the parts have been added to the [procurement list](#)

### 2. Gas line bracket

- 2.1. Tyler presented a 3D print design for a guide for the gas line inside of the chassis, prior to connecting it to the gas flow sensor
- 2.2. Marc requested information from Brian on the status of necessary consumables for 3D printing

### 3. Cables and connectors

- 3.1. Brian suggested that Marc contact Hall A on availability of phone cable and connectors to be used to build the gas flow chassis and full system connectivity
  - 3.1.1. Three hundred connectors should be purchased, along with 1000' of cable
  - 3.1.2. Hall A suggests that DSG procure these items

### 4. Open discussion

- 4.1. Amrit requested an updated components list, including numbers from sensor procurement
  - 4.1.1. Marc has posted the component [list](#) to SharePoint
- 4.2. Amrit requested a project timeline
  - 4.2.1. The timeline is in progress