

DSG-GEM Meeting Minutes

Date: February, 2021

Time: 15:30 – 16:30

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, George Jacobs, Sean Jeffas, Tyler Lemon, Marc McMullen, Anuruddha Rathnayake, Jack Segal

1. DSG installed the prototype GEM gas distribution panel

- 1.1. Gas flow to the UVA GEM for all channels is ~80–85 sccm; no leaks have been detected
- 1.2. Remotely monitoring using the WEDM page



Figure 1. Flow set on the four standard flow rotameters

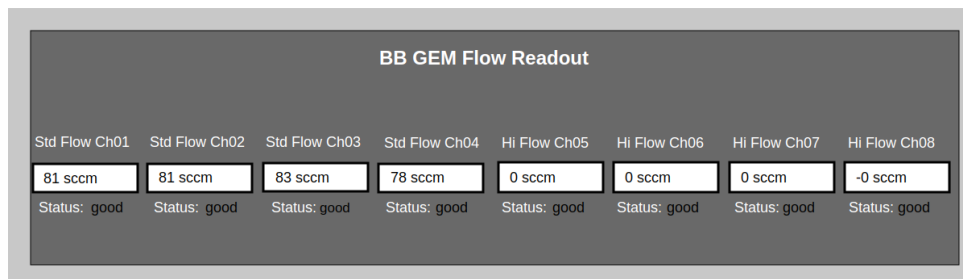


Figure 2. Flow readback of the four standard flow channels using WEDM

2. Remote monitoring of pressure before and after the regulator will be available via the WEDM page by 2/12/21
3. Exhaust monitoring of flow from the UVA GEM is scheduled to begin testing on 2/15/21
4. INFN GEM installation is scheduled to begin by 2/15/21; DSG already installed components to flow gas and monitor four INFN GEM layers
 - 4.1. A week of flow is required to check the system
5. George Jacobs is continuing assembly of the Super BigBite regulator, manifolds, and flow meter panels; DSG will procure additional panel spacers, and wire management, required to ensure there is enough room for the components