

DSG-GEM R&D Meeting Minutes

Date: April 12, 2021

Time: 11:00 – 12:00

Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. Completed fabrication of the 60 Super BigBite LEMO-to-LEMO signal cables

Mindy Leffel

1. All cables tested

2. Testing of BigBite gas distribution system

Marc McMullen, George Jacobs, and Brian Eng

1. A test of the BigBite gas flow distribution system was conducted on 4/8/2021 to confirm the linear relationship between the system pressure and the flow through the detectors
2. During the test, pressure was reduced to 1 psi and then increased to 2, 4, 6, and 8 psi, while the flow at each step was monitored and recorded for ten minutes

BigBite gas distribution system: Pressure variation vs. flow

