

## DSG-Hall A GEM R&D Meeting

**Date: May 28, 2024**

**Time: 10:30 – 11:30**

*Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Lawrence Hurt, Tyler Lemon, Marc McMullen, and Holly Szumila-Vance*

### 1. Work coordination

- Lawrence Hurt (Hall A work coordinator) updated the group on the current status of work allowed at Jlab until further notice due to findings from the peer review
  - ★ No work on energized or pressurized systems
  - ★ No hazardous work (including cranes)
  - ★ DSG will review the relevant safety documents prior to performing any work

### 2. High voltage

- Diagnostic testing of the CAEN SY5527
  - ★ DSG engineering (Aaron Brown, Pablo Campero) will evaluate and develop a plan to troubleshoot the crate channel access functions
- Testing of the A1515BTG modules
  - ★ DSG engineering (Aaron Brown, Pablo Campero) will evaluate the A1515BTG for requirements to convert the current DSG CAEN module test stand for use with this module

### 3. Gas system

- DSG gas system specialist (George Jacobs) will evaluate the scope and process needed for the following:
  - ★ Developing filter mounting system for the SBS and BB
  - ★ Relocating the BB chassis to the SBS location
    - Use space in the existing SBS rack if possible
    - If the BB rack needs to be moved, connection of gas lines and filters after the rack is moved will be done by Hall A
  - ★ Ensuring system monitoring is functioning correctly