

## **BONuS Target Gas System**

**Date: August 1, 2019**

**Time: 13:00 – 14:00**

*Attendees: Brian Eng, Bob Miller*

1. Went over current P&ID to discuss which components will be used for controls
  - 1.1. 2 Pressure Transmitters – 100 psig
  - 1.2. 1 Flow Sensor (MFM or possibly MFC) – 10 SLM of N2 using 1/4" Swagelok
  - 1.3. 4 Solenoid Valves (SV)
    - 1.3.1.2 used for gas supply
    - 1.3.2.2 used for inlet/exhaust
2. List of gasses used by the system
  - 2.1. N2 purge
  - 2.2. Flammable gas will be either H2 or D2
3. Bob added a SV to the helium purge on the RTPC detector gas system
4. Information gathering
  - 4.1. Brian will find part numbers for PT, flow sensors, and confirm coil voltages
    - 4.1.1. Contact ODU to see if anyone there is working on the control system or is it expected that JLAB will provide it
  - 4.2. Bob will look for suitable valves
5. Hall B will look into removing the rack on SFL3N during a later shutdown.
  - 5.1. Will cables reach SFL1N if cRIO is relocated there? Hall B will check that.