

Hall D Controls Meeting 18-Oct-2018

Date: 10/18/18

Time: 10:00am

Attendees: Pablo Campero, Hovanes Egiyan, Amanda Hoebel, Vanik Kakoyan, Tyler Lemon, Nick Sandoval, Scot Spiegel, Tim Whitlatch

1. General:

- 1.1. The hall will be open for access next week.
- 1.2. The hall will also be open for access Nov 26-29.

2. Solenoid Status:

- 2.1. Liquid level probe tests performed indicated there is no liquid in solenoid tank.
 - 2.1.1. Will fill magnet until probes work correctly.

3. ComCal:

- 3.1. Motor for translation stages seems to have mechanical instability of $\sim 100\mu\text{m}$.
 - 3.1.1. Possible solution of installing larger motor.
 - 3.1.2. Dial indicator to be installed for troubleshooting instability.
 - 3.1.3. Interlock value increased to $150\mu\text{m}$ until problem is solved.
- 3.2. Control board for LED pulser is not responding.
 - 3.2.1. Further investigation needed.
- 3.3. GUI and interlocks needed for temperature monitoring.
- 3.4. Voltage cables being fabricated for readout.
 - 3.4.1. Voltages will be turned on and scalers checked.
- 3.5. Chiller is not controlled by PLC, only manual cable connection.
 - 3.5.1. Chiller will be online Nov 26.

4. DIRC controls:

- 4.1. Missing MPOD boards located.
 - 4.1.1. Will be installed next Tuesday.
 - 4.1.2. Voltage cables being fabricated for readout.
 - 4.1.3. Voltages will be turned on and scalers checked.
- 4.2. Control board for LED pulser is not responding.
- 4.3. Scalers and temperatures not interlocked.
 - 4.3.1. DAq reads from FPGA and stores in shared memory.
- 4.4. Would like for 1 Temperature and 1 humidity sensor to be used per optical box.

5. Other:

- 5.1. EPICS variables created for TAGM bias voltages, to be stored in archive.