

Hall D Controls Meeting 9-Aug-2018

Date: 08/09/18

Time: 10:00am

Attendees: Pablo Campero, Hovanes Egiyan, Brian Eng, Amanda Hoebel, Tyler Lemon, Nick Sandoval, Scot Spiegel, Beni Zihlmann

1. General:

- 1.1. The hall will be locked on 8/20/18.

2. Solenoid Status:

- 2.1. Discussed how vacuum alarms are set up.
 - 2.1.1. Alarm should trigger when turbo pump speed threshold is reached.
- 2.2. Liquid level sensors will be tested once enough helium is provided.
- 2.3. Undergoing pre-power checks of solenoid.
- 2.4 PXI is having trouble maintaining network connections.

3. EPICS problems:

- 3.1. EPICS GUIs on gluon01-gluon05 Linux desktops in the counting house are not fully operational.
 - 3.1.1. Some of the functionalities are not yet available because the operating system upgrade has not been completed.
 - 3.1.2. Gluon27 and gluon28 will be used instead to run EPICS GUIs.

4. ComCal:

- 4.1. Will be assembled in EEL 126 and moved to the hall for voltage testing first week in September.
 - 4.1.1. HV cables are 70% routed.
 - 4.1.2. Signal cables are not routed yet.
 - 4.1.3. Would like to use voltage crate and LED pulser from DIRC.
 - 4.1.4. Detector should be ready middle of September.

5. DIRC controls:

- 5.1. Purges being added to optical box for water system.
 - 5.1.1. May need to reconfigure alarms.
- 5.2. There is a bug in the LV alarm.
- 5.3. Unable to read SSP because firmware is not finalized.
 - 5.3.1. Will be finalized next week and ready for scalars.
- 5.4. Nick is working on P&I of water cart for EPICS GUIs.