

Hall D Slow Controls Meeting

Date: 09/19/19

Time: 10:00AM – 10:45AM

Attendees: Peter Bonneau, Pablo Campero, Aaron Brown, Hovanes Egiyan, Tyler Lemon, Nick Sandoval, Scot Speigel

1. General:

- 1.1. Physics will start on Nov. 25.

2. Solenoid Status

- 1.1. Solenoid magnet cooldown was successfully completed.
- 1.2. DP level sensor alarm is going off
 - 1.2.1. It was suggested that there may be an issue with the alarm handler
- 1.3. Four liters of liquid Helium is being lost every day
- 1.4. The upcoming PLC IOC reboot will cause an outage of about ½ hour. This needs to be coordinated with cryogenics.

3. Goniometer Controls

- 3.1. The new XPS controllers have been tested and are working well.
- 3.2. The survey of the lab goniometer was successfully completed
- 3.3. The survey of the goniometer in Hall D will have to wait until the new diamonds arrive

4. Gluon Cluster Upgrades

- 4.1. All of the servers, except for gluon30, have been upgraded from RHEL 6 to RHEL 7
 - 4.1.1. IOCs for gluon30 are not ready
- 4.2. The new remote desktop protocol client is xfreerdp

5. Test setup for power crates

- 5.1. There are voltage issues preventing the testing of some of the power crates.
 - 5.1.1. All CAEN crates have been tested, MPOD crates have yet to be tested.
 - 5.1.2. An issue was raised with the new MPOD crate/controller setup: when you try to power down the crate it won't turn off (fans keep running)

6. Target WEDM GUIs

- 6.1. Tyler is waiting to get the files from Chris. Hovanes would possibly like to add some links to the GUIs once Tyler has the files.

7. DIRC installations

- 7.1. The north still needs fans and the south still needs a liquid level switch.
- 7.2. EPICS PVs are ready to be sent to PLC

8. Other Business

- 8.1. TRD gas system is ready to go