

## Hall D Slow Controls Meeting

**Date: 10/17/19**

**Time: 10:00AM – 10:50AM**

*Attendees: Aaron Brown, Pablo Campero, Hovanes Egiyan, Brian Eng, Nick Sandoval, Scot Spiegel, Beni Zihlmann*

### 1. General:

- 1.1. Physics run will start on Nov. 25.

### 2. Solenoid Status

- 1.1. Power supply issues have been resolved.
- 1.2. Interlock checkout will begin next week.

### 3. Goniometer Controls

- 3.1. Issues with connector pins: they can get pushed back in their housing (pin #10 specifically)

### 4. Gluon Cluster Upgrades

- 4.1. All of the servers, including gluon30, have been upgraded.
- 4.2. Cannot use CSS on computers in counting house. Need to ssh into a gluon machine (e.g., gluon5) with X-forwarding

### 5. Voltage Controls Changes

- 5.1. There was a problem with the CDC airflow interlock indicator being green while CDC LV was interlocked.
  - 5.1.1. Was caused by inverted TTL logic in the PLC, but this has since been resolved and the airflow interlock indicator works like before.
- 5.2. There was an issue over the weekend: BCAL LV trip off.
  - 5.2.1. Possibly caused by fan speed issues. Looking into fan speed controls to fix problem.

### 6. ComCAL Installation/Survey

- 6.1. ComCAL is now on the floor, should be installed on Nov. 5.
- 6.2. Additional LEDs will need additional power

### 7. DIRC Controls

- 7.1. Shared interlock issues: people can bypass the DIRC interlocks to operate the FCAL and COMCAL.
  - 7.1.1. Complete redesign of the distribution box would solve this issue, but an interim solution would be to place an interlock on the module as well as the crate.
- 7.2. Possible new cable labeling system, but this will depend on the Time of Flight group.