

Solenoid I&C Tasks Timeline and Overtime

Date: June 23, 2017

Time: 11:00 – 12:00

Attendees: Brian Eng, Krister Bruhwel, Pablo Campero, Roland Evans, Ruben Fair, Scot Spiegel, Tyler Lemon, Wesley Moore

1. Overview of Solenoid milestones

- 1.1. June 27, 2017 – Solenoid scheduled to arrive at JLab in evening.
- 1.2. July 6, 2017 – Cooldown ERR
- 1.3. July 7, 2017 – Power-up ERR
- 1.4. July 14, 2017 – Vacuum pump down begins.
- 1.5. August 7, 2017 – Combined magnet and SST pressure systems review
- 1.6. August 17, 2017 – Cooldown from room temperature to 80 K begins.
 - 1.6.1.Expected to take ~27 days.
- 1.7. September 19, 2017 – Cooldown from 80 K to 4 K.
 - 1.7.1.Expected to take ~3 days.
- 1.8. September 22, 2017 – Start power-up check-out lists and procedures.
- 1.9. September 30, 2017 – Absolute end date of project.

2. Timeline for first week of Solenoid I&C tasks

- 1.1. Meeting scheduled for June 28, 2017 at 09:00 in Hall B for walkthrough of receiving tasks.
- 1.2. First I&C tasks scheduled for June 28, 2017 to monitor load cells as they are connected.
 - 1.2.1.Debugging of any incorrect readings or errors can begin at this time.
- 1.3. June 30, 2017 – electrical checks of Solenoid.
 - 1.3.1.Electrical checks include plugging in and confirming all sensors are working as expected.
- 1.4. June 30, 2017 – Install and test hardware FastDAQ filters.
 - 1.4.1.Nick Sandoval may have already installed filters in Hall B
 - 1.4.1.1. Ruben Fair will check current status of hardware filter installation.
 - 1.4.2.Testing includes monitoring signals as Voltage Taps are connected to Solenoid.
 - 1.4.2.1. Tests will use separate 18 A, 60 V power supply.
- 1.5. All above tasks should be able to be completed by end of Friday, June 30, 2017.
 - 1.5.1.If not, additional work will be scheduled for following weekend.
- 1.6. Items that come up that are not critical to be complete immediately will be added to punch-list of tasks to be completed in following days.

3. Overtime scheduling and details

- 3.1. All scheduling depends on completion of previous tasks and is subject to change.
- 3.2. Most I&C tasks scheduled for day shift (08:00 to 17:00).
- 3.3. Long shifts very likely.
- 3.4. If delays occur in earlier installation tasks:
 - 3.4.1.Tasks could move to swing shift (16:00 to 00:00).
 - 3.4.2.Tasks could be scheduled for weekends.
- 3.5. Ruben Fair will confirm charge codes shared are correct for scheduled tasks.