

Solenoid I&C - Remaining Task

Date: February 14, 2017

Time: 10:00 – 10:40

Attendees: Pablo Campero, Tyler Lemon, Wesley Moore, Renuka Rajput-Ghoshal, Nicolas Sandoval, Scot Spiegel

1. Solenoid Interlock screens.

- 1.1. Revised *Interlock Thresholds_Solenoid 12_15_16 v1* spreadsheet.
 - 1.1.1. Pablo Campero noticed that the temperatures sensor for the VCL and Splice don't match with the temperature sensors connected to the Cryocon units.
 - 1.1.2. Renuka Rajput-Ghoshal will update the spreadsheet with the correct names.
- 1.2. Solenoid Interlock Status EPICS screen has to be updated.
 - 1.2.1. Wesley Moore will update the screens according to the information given by Renuka Rajput-Ghoshal.
 - 1.2.2. Pablo Campero and Wesley Moore will coordinate the correct tag names to be used for the Solenoid Interlocks.
- 1.3. Nicholas Sandoval will check the Solenoid Magnet Interlocks PLC program to match the threshold and logic according to *Interlock Thresholds_Solenoid* spreadsheet.

2. Solenoid Cooldown Interlocks and Parameters screen will be added.

- 2.1. Revised *Solenoid PV Tag names* spreadsheet.
 - 2.1.1. It was decided that the PV names assigned in column B of this spreadsheet will be used as the tag names for the cooldown parameters.
- 2.2. Wesley Moore will add these needed screens for the Solenoid.

3. Remaining task to be completed

- 3.1. Nicholas Sandoval will perform the MPS communication test.
- 3.2. Documentation for the Solenoid is still in progress; some of the documents have been written by Renuka Rajput-Ghoshal and Pablo Campero.
- 3.3. A plan to test the instrumentation in the SST will be set by Pablo Campero.
 - 3.3.1. Its necessary check what instrumentation is worth testing now.
 - 3.3.2. Final test will be performed once the Solenoid is completely installed.
- 3.4. Renuka Rajput-Ghoshal will update the *Solenoid Task List for February* document.

4. Cryocon Temperature Monitor units need to be programed.

- 4.1. High limits have to be set on the Cryocon units to the VCL and Splices temperatures.
- 4.2. Tyler Lemon and Pablo Campero will work with Scot Spiegel to program the Cryocon units.