Solenoid –Review of Solenoid Interlock spreadsheet and Status Screen

Date: May 16, 2017
Time: 11:00 – 12:00

Attendees: Pablo Campero, Ruben Fair, Wesley Moore, Renuka Rajput-Ghoshal, Probir Ghoshal, and Nicholas Sandoval

1. Discussed *Interlock Thresholds_Solenoid_April_18_2017_v5* spreadsheet
    - 1.1. Verified Fast Dump PLC and Controlled Ramp Down columns
        - 1.1.1. Helium tank pressure limit (PT8670) needs to be defined for Fast Dump PLC and Controlled Ramp PLC.
        - 1.1.2. Dave Kashy will provide this pressure limit mentioned.

2. Discussed Tag Names used between EPICS and PLC code.
    - 2.1. Verified tags names for each indicator on the Solenoid Interlock Status screen.
        - 2.1.1. Found mismatch between the tags names used.
        - 2.1.2. Tag names were agreed.
    - 2.2. Pablo Campero will modify *Interlock Thresholds_Solenoid_April_18_2017_v5* spreadsheet by adding new columns with the proper PLC- EPICS tags that were agreed.

3. Agreed that EPICS Solenoid Interlocks Status screen will be modified
    - 3.1. Cryo-Intelocks indicator displayed on Controlled Ramp PLC column will be divided.
        - 3.1.1. PLC code to display individual indicators for the cryogenics interlock will be modified by Pablo Campero.
    - 3.2. Load Cell Interlock indicator will be added to the Fast Dump Interlock column.
    - 3.3. Vapor Cooled Lead Voltage and Splice Temperature indicators will be moved under PLC Fast Dump Sum indicators.
    - 3.4. Wesley Moore will perform all the updates for the Solenoid Interlock Status screen.

4. Wesley Moore will contact by next week to Pablo Campero to test the updates on the Solenoid Interlock Status Screen.
    - 4.1. Additionally to the Interlock Status screen checks. The verification of the proper functionality for the Solenoid Cooldown, SST-Helium, and Solenoid Detail Temperature screens will be performed.