DSG-SoLID R&D Meeting Minutes

Date: February 11, 2021
Time: 11:00 – 12:00

Attendees: _Mary Ann Antonioli, Aaron Brown, Pablo Campero, Brian Eng, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran_

1. Reviewed Hall A SoLID Magnet Controls meeting minutes from February 10, 2021

2. PLC Programming (Pablo Campero)
    2.1. Updated PLC Programming spreadsheet
    2.2. Reviewed PLC code containing the scale factor used to control flow rate on the current leads of the solenoid PSU
        2.2.1. A talk with details of the current leads flow controls will be presented during the next DSG SoLID R&D meeting

3. HMI and CSS-BOY screens
    3.1. Reviewed second version of the _Cryo Controlled Reservoir Expert_ HMI screen
    3.2. Mary Ann completed _POSP_ CSS-BOY screen
    3.3. Python code to back up and restore values shown in _Valve Setup_ CSS-BOY screen is in progress

4. Miscellaneous (Pablo Campero)
    4.1. _FactoryTalk Activation Manager_ issue on PHYCAD58 computer is not solved
        4.1.1. Re-started FactoryTalk Activation Helper service, but issue still persists
        4.1.2. Will contact Allen Bradley technical support
    4.2. Developing manual—writing paragraph for each PLC routine, explaining briefly how it controls and monitors the related instrumentation; Mary Ann Antonioli will edit as needed
    4.3. Will begin writing _Liquid Levels HMI and CSS BOY Screens_ DSG note