DSG-SoLID R&D Meeting Minutes

Date: November 19, 2020
Time: 11:00 – 12:00

Attendees: Mary Ann Antonioli, Peter Boneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. PLC Programming
    1.1. Amrit Yegneswaran suggested adding date and changes comments to all modified PLC routines to help with tracking of changes and understanding of the code by users
    1.2. Discussed minutes of Nov. 18th SoLID Magnet Controls meeting
    1.3. Descriptions of program and version need to be added for each PLC sheet of *PLC Programming* spreadsheet; in progress

2. HMI and CSS-BOY screens (Pablo Campero)
    2.1. Tested *Solenoid Proportional Position (POSP)* HMI screen
    2.2. *HMI & CSS List* updated and posted on DSG website; shows status of HMI and CSS-BOY screens
    2.3. *Databasing* spreadsheet updated with proposed EPICS PVs for *Solenoid CCR Valves Setup* screen to be done by Mary Ann Antonioli

3. Documentation (Pablo Campero)
    3.1. Completed comments for AutoCAD drawing A00000-16-03-0221 *Mass Flow, Pressure and Vacuum Wire Diagram*; Mary Ann Antonioli is using comments to complete drawing
    3.2. *Solenoid Liquid Levels Controls* talk posted in DSG website
    3.3. *HMI & CSS-BOY Screens* talk modified
        3.3.1.1. Added links for related DSG Notes
        3.3.1.2. Changed titles on slides of screenshots of screens

4. Discussed time needed to assemble five Motor Controller Relay (MCR) and eight Constant Current Source (CCS) boards; time will be determined next week