

DSG-SoLID R&D Meeting Minutes

Date: September 10, 2020

Time: 13:15 – 14:15

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

1. PLC programming

- 1.1. Pablo Campero is working on the axial and radial support interlocks PLC routine
 - 1.1.1. Need to check positive and negative load sensor readouts' relation with compression and tensile forces
- 1.2. Interlock list in progress

2. JT Valve Page HMI screen in progress

3. Hardware

- 3.1. Mindy Leffel received Constant Current Source bare boards and components to be assembled
- 3.2. Peter Bonneau reviewed Motor Controller Relay board design
 - 3.2.1. Marc McMullen is making necessary modifications to the board
- 3.3. Assembly of PLC and instrumentation rack could be done by DSG after all parts are available
 - 3.3.1. Pablo Campero sent the Part List to Steven Lassiter on August 27, 2020

4. Documentation

- 4.1. Pablo Campero is modifying PLC and instrumentation rack layouts
- 4.2. Mary Ann will modify existing drawings with new assigned drawing numbers.

5. Reviewed DSG schedule for SoLID magnet controls tasks