

DSG-SoLID R&D Meeting Minutes

Date: December 17, 2020

Time: 11:00 – 12:00

Attendees: *Mary Ann Antonioli, Aaron Brown, Pablo Campero, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran*

1. PLC Programming (Pablo Campero)

- 1.1. PLC Programming spreadsheet in progress
- 1.2. Reviewed minutes of [Solid Solenoid PLC Programming Meeting](#) held on December 16, 2020

2. HMI and CSS-BOY screens

- 2.1. Mary Ann is developing *Solenoid Valve Setup* CSS-BOY screen
 - 2.1.1. Decided that Pablo Campero will write the code (python or java script) to back up and restore values on the screen
 - 2.1.2. LN₂ and LHe status indicators added
- 2.2. Pablo Campero completed preliminary *Solenoid Menu* HMI screen that accesses HMI screens developed to date

3. Miscellaneous

- 3.1. Pablo Campero provided to DSG the directory location of upgraded PLC code, HMI project, and documentation
- 3.2. Amrit Yegneswaran requested a note with information on all changes made so far in the PLC program, based on the meeting minutes
- 3.3. NX-12 three-dimensional design of the instrumentation components in a rack is in progress; completed empty rack
- 3.4. Reviewed *SoLID Highlights 2020* slides