

DSG-SoLID R&D Meeting Minutes

Date: December 10, 2020

Time: 11:00 – 12:00

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

1. PLC Programming (Pablo Campero)

- 1.1. Discussed details of module series and module type for the debugging and upgrading Flex I/O 1794-ACN15 module
- 1.2. PLC Programming spreadsheet in progress
- 1.3. Reviewed minutes of [Solid Solenoid PLC Programming Meeting](#) held on December 9, 2020

2. HMI and CSS-BOY screens

- 2.1. *Solenoid CCR-Expert* and *Solenoid Valve Pages* CSS-BOY screens modified
 - 2.1.1. Added local variables to fix headers on *Solenoid Valve Page* screens
 - 2.1.2. Modified location of process variables (PVs) buttons used to open *Solenoid Valve Page* screens
- 2.2. Tested CCR-Expert and JTV Page CSS-BOY screens
- 2.3. Mary Ann Antonioli is working on the *Solenoid Valve Setup* CSS-BOY screen
- 2.4. Discussed updated [HMI & CSS List](#)
- 2.5. Pablo Campero is developing a preliminary *Solenoid Menu* HMI screen to access all HMI screens

3. Documentation

- 3.1. Completed and posted AutoCAD drawing A00000-16-03-0302 *PLC I/O Remote A, Slot 2 Wire Diagram*
- 3.2. AutoCAD drawing A00000-16-03-0303 *PLC I/O Remote A, Slot 3 Wire Diagram* is in progress
- 3.3. Discussed development of MySQL database for solenoid instrumentation, controls, and monitoring system, used to gather information quickly and effectively
- 3.4. Reviewed and posted [HMI & CSS-BOY Screens](#) talk
- 3.5. Pablo Campero wrote DSG note *Developed Solenoid JTV Page HMI & CSS-BOY Screens*

4. Pablo Campero will provide directory location to DSG with the upgraded PLC code, HMI project, and documentation