

DSG-SoLID R&D Meeting Minutes

Date: March 4, 2022

Time: 11:00 – 12:00

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

1. Cable fabrication

Pablo Campero and Mindy Leffel

1. Completed 39 of 64, 100' cables
2. For 100' voltage tap readout cable, clarified that a male circular plastic connector will be used for cable and female for resistor box
3. Will research and order circular plastic connectors to connect old load sensors cables (cut and hanging from the magnet) with new 100' cables

2. Instrumentation rack debugging

Pablo Campero, Mindy Leffel, and Marc McMullen

1. Order for testing plugs are on the way
2. Will order resistor needed (510 Ω) for electric ball valve position readout

3. HMI screens development

Pablo Campero

1. Configured *Solenoid CCR-Expert* HMI screen so that trends for current and liquid level can be accessed by clicking their readouts boxes
2. Configured *Solenoid Radial & Axial Support* HMI screen so that trends for the axial and radial support loads can be accessed by clicking their readout boxes
3. Developing *Solenoid Voltage Tap* HMI screen
 - Checking voltage tap location in documentation provided by *Oxford Instruments*