

# DSG-SoLID R&D Meeting Minutes

**Date:** October 21, 2022

**Time:** 11:00 – 12:00

*Attendees: Mary Ann Anotonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Mindy Leffel, Tyler Lemon, and Marc McMullen*

## 1. HMI screens development

*Pablo Campero*

1. Modifying *Solenoid Axial & Radial Supports – Expert* screen
  - Changing single warning set inputs to two warning set inputs, as controls are required for low and high levels
  - Added text to warning levels

## 2. PLC Programming

*Pablo Campero*

1. Modifying PLC code to monitor warning and interlocks for radial strain gauges and axial load cell sensors
  - Adding code to compare readout value of the sensor against a low and high limit

## 3. Power supply current readout

*Pablo Campero and Brian Eng*

1. Found only Lakeshore part number for analog output connector
2. Looking for connector from another company

## 4. Electrical drawings

*Mary Ann Antonoli and Pablo Campero*

1. Completed all necessary revisions and review of drawings
2. Posted drawings to DSG website and stored a copy of pdf files at M:\dsg-halla\_controls\Electrical Drawings

## 5. Voltage tap cable from voltage tap to resistor box

*DSG*

1. Estimated arrival of five, 10-pin connectors is next week
2. Will work on connector pinout

## 6. Turret wiring

*Brian Eng and Mindy Leffel*

1. Four of the six connectors at the turret flange have been reconnected
2. Protector caps for the connectors will be 3D-printed