

# DSG-SoLID R&D Meeting Minutes

Date: April 8, 2022

Time: 11:00 – 12:00

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

## 1. Cable fabrication

*Pablo Campero and Mindy Leffel*

1. Completed four 100' cables for axial support load sensors
2. Completed 100' cable for the electric ball valve readout
3. Added pinout details to the *Cable Information* spreadsheet for heat exchanger temperature sensors cables

## 2. Racks wiring and instrumentation debugging

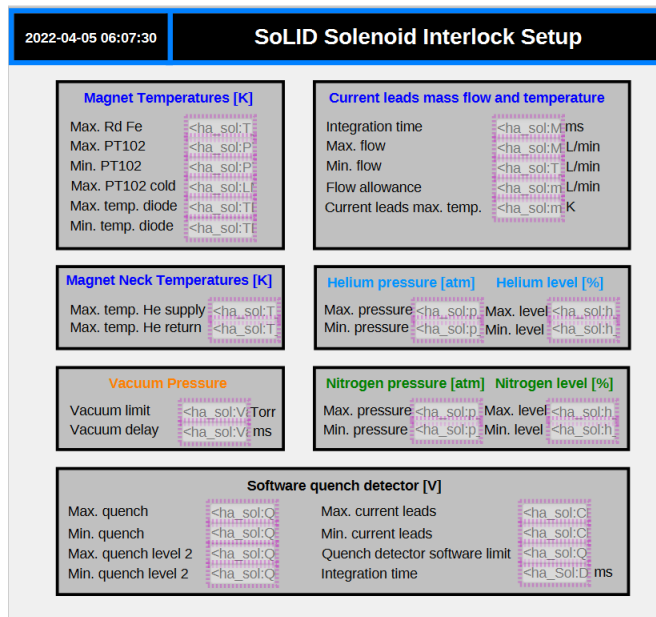
*Pablo Campero and Mindy Leffel*

1. Continued debugging the electric ball valve readout
2. Connected the following 100' cables to Rack A terminal blocks
  - 16 cables for radial support
  - 2 cables for CCR temperature sensors
  - 4 cables for axial support load sensors
  - 9 cables for valve's position readout (includes heat exchanger valves)
  - 1 cable for electric ball valve's transducer readout
  - 10 cables for valve motor drives control
  - 2 cables for pressure transducers

## 3. Screens development

*Mary Ann Antonioli and Pablo Campero*

1. Completed *Solenoid Interlock Setup* Phoebus screen



*Solenoid Interlock Setup* Phoebus screen

2. *Solenoid Voltage Tap* HMI screen under development
  - Added table of physical location of each voltage tap monitored
  - Testing in progress
  - Added proposed process variable names to the *Databasing* spreadsheet to develop equivalent Phoebe screen