

# DSG-SoLID R&D Meeting Minutes

**Date:** March 11, 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. HMI and Phoebus screens development

*Pablo Campero and Mary Ann Antonioli*

1. Configured *Solenoid Radial Support* HMI screen so that trends for eight radial support loads can be accessed by clicking their readout boxes
2. Adding button to *Solenoid Radial & Axial Support* HMI screen so that all trends for the axial and radial support loads can be accessed from a button
3. For *Solenoid Voltage Tap* HMI screen, Marc McMullen will draw figure shown in Oxford manual, using NX12
4. *Solenoid Vacuum* Phoebus screen completed

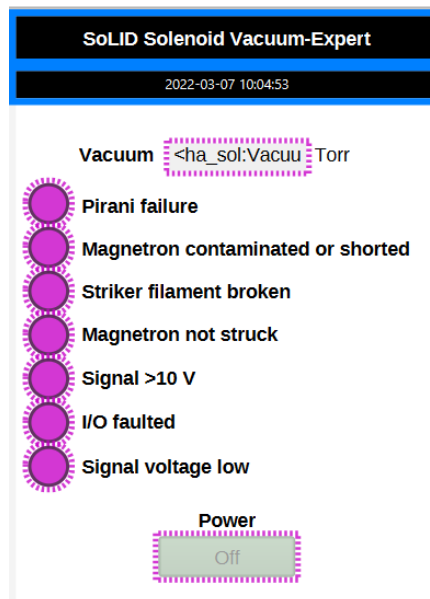


Fig1. *SoLID Solenoid Vacuum* Phoebus screen

## 2. Cable fabrication

*Pablo Campero and Mindy Leffel*

1. Completed 40 of 64, 100' cables
2. Using voltmeter, identified and marked 16 cut cables hanging from magnet

## 3. Instrumentation connectors

*Pablo Campero and Marc McMullen*

1. Researched and ordered connector for temperature sensors at the heat exchanger
  - Steven Lassiter informed that new connector will be used instead of connector on-hand
  - Connector not available in stock room

2. Table below shows status of ordered parts

<b>Part #</b>	<b>Description</b>	<b>Status</b>
1492-TP23 and 1492-TPS23L	Plugs and sockets to test instrumentation connections at terminal blocks	Ordered on 2/25/2022. Awaiting buyer assignment
38K5359	510 $\Omega$ resistor needed as part of the electric ball valve position readout	Received
92F4843 and 66F3295	Circular plastic connector (male and female) to connect old load sensors cables with new 100' cables	Received
97-3101A-18-1S	10 position Mil-spec connector needed for heat exchanger temperature sensors	Ordered on March 11, 2022