

DSG-SoLID Magnet Controls Meeting Minutes

Date: August 25, 2021

Time: 11:00 – 12:00

Attendees: Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Mindy Leffel, Tyler Lemon, and Marc McMullen

1. Completed markup modifications of drawings

Mary Ann Antonioli and Pablo Campero

1. A00000-16-03-0240 *Radial Strain Gauges Measurement Wiring Diagram* and A00000-16-03-0403 *Radial Strain Gauges Cable Diagram*
 - Removed line crossing the drawing
 - Changed labels for excitation and signal readout connections
2. A00000-16-03-0312 *PLC Relay Module, Remote B, Slot 2 Wiring Diagram*
 - Added wire for 24 VDC supply for heaters

2. Completed drawings

Mary Ann Antonioli and Pablo Campero

1. A00000-16-03-0241 *Axial Load Cells Measurement Wiring Diagram*
2. A00000-16-03-308 *PLC ADC, Remote A, Slot 8 Wiring Diagram*
3. A00000-16-03-404 *Axial Load Cell Cable Diagram*

3. Drawings in progress

Mary Ann Antonioli and Pablo Campero

1. A00000-16-03-221 *Miscellaneous Instrumentation Wiring Diagram*
2. A00000-16-03-405 *Miscellaneous Instrumentation Cable Diagram*

4. Cables for SoLID magnet instrumentation

Marc McMullen

1. Reviewed *Cable List* spreadsheet
2. Quote received for 2-conductor cable to be used for MFCs, vacuum, and liquid levels

5. Other topics

Pablo Campero

1. Need to define location for line voltage controller module to be used with the liquid level control unit (Cryomagnetics, LM-510-12)
2. Need a picture for the rear panel of the line voltage controller module, so related drawings can be reviewed