

DSG-SoLID R&D Meeting Minutes

Date: July 15, 2021

Time: 11:00 – 12:00

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

1. Reviewed DSG-SoLID Magnet Control System meeting minutes from July 14, 2021

DSG

1. Link for details: [2021-07-14 DSG-SoLID Magnet System Meeting Minutes](#)
2. Completed modifications of drawings: *JT and EB Valve Cable Diagram, Magnet Temperature Sensors, Constant Current Source, Diode and PT-102 Temperature Sensors Wiring Diagrams*
3. Currently modifying drawings: *CCR Valves LVDT, PLC IO Module, Power Supply Terminal Strip Wiring Diagram and Instrumentation Control Panel Layout*
4. Previously ordered cables could be used for voltage taps, macro sensors, and signal conditioning modules connections
 - As drawings are reviewed and modified (by Pablo Campero) new cables will be added to the list of cables required

2. Updated Cable List spreadsheet

Pablo Campero, Brian Eng, and Marc McMullen

1. Added specifications (e.g. cable gauges and lengths) for cables that connect motor driver signals from PLC terminal strip to PLC terminal block
2. Added new column in spreadsheet to shown location of cable's connections
3. Link for spreadsheet with details: [Cable List](#)