

DSG-SoLID R&D Meeting Minutes

Date: September 24, 2021

Time: 11:00 – 12:00

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. Reviewed DSG-SoLID R&D minutes from September 17, 2021

DSG

1. Link for details: [2021-09-17 DSG-SoLID R&D Meeting Minutes](#)

2. Drawings modifications

Mary Ann Antoniol and Pablo Campero

1. Modified cable colors for drawings:
 - A00000-16-03-0302 *PLC IO Remote A, Slot 2 Wiring Diagram*
 - A00000-16-03-0303 *PLC IO Remote A, Slot 3 Wiring Diagram*
 - A00000-16-03-0210 *Magnet Temperature Sensors Wiring Diagram*

3. Cable and connector procurement

Marc McMullen

1. Ordered 10-, 4-, and 40-conductor cables for intra rack instrumentation connections
 - Details are shown in *SoLID Cable List*
2. Connectors for pressure transducer, MFC (M_flow_CLA/B) and liquid levels received
3. Selected cables for 24 VDC and 5 VDC power distribution
 - Ordered and received 1000' of 2-conductor cable

4. Reviewed cable work status

Mary Ann Antoniol, Pablo Campero, Brian Eng, Mindy Leffel, and Marc McMullen

1. Added cable lengths and strip lengths to *Cable Information* spreadsheet
2. Thirty cables fabricated and labeled
3. Wiring PLC IO modules' terminal blocks

5. Discussed development of MySQL database

Aaron Brown and Pablo Campero

1. Requested access to JLab's database storage from Computer Center
 - No updates since last week