

DSG-SoLID R&D Meeting Minutes

Date: November 5, 2021

Time: 11:00 – 12:00

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

1. Reviewed DSG-SoLID R&D minutes from October 29, 2021

DSG

1. Link for details: [2021-10-29 DSG-SoLID R&D Meeting Minutes](#)

2. Reviewing completed drawings

Mary Ann Antonioli and Pablo Campero

1. A00000-16-03-0290 *Primary and Redundant PLC Chassis Layout*
2. A00000-16-03-0500 *Transfer Line HX Interconnect System Diagram*
3. A00000-16-03-0506 *HX JT Valve Motor Drive Wiring Diagram*
4. A00000-16-03-0509 *HX JT Valve Controls Cable Diagram*

3. Wiring instrumentation and cable fabrication status

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

1. Wired intra-rack connections for magnet temperature sensors
 - MAG-TS-02, MAG-TS-03 terminal blocks
 - CCS boards #1 to #5
 - Dataforth signal conditioning backplanes and signal conditioning breakout boards #1 to #4
2. Added terminal group markers and labeled them
3. 30% of the components installed in *Instrumentation Rack #1* are wired

4. Discussed plans for setting up a database to store technical documentation

1. Will inform computer center
 - Plan to use MariaDB software on the client side
 - Plan to upload technical documentation to a database so other users can view (read only)
 - Need an easy-to-use interface to access data
 - Set up common group user account at two levels— one with write and read permission and one read only permission
 - Common password for the account