

DSG-SoLID R&D Meeting Minutes

Date: October 1, 2021

Time: 11:00 – 12:00

Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, and Mindy Leffel

1. Reviewed DSG-SoLID R&D minutes from September 24, 2021

DSG

1. Link for details: [2021-09-24 DSG-SoLID R&D Meeting Minutes](#)

2. Review DSG-SoLID R&D minutes from September 29, 2021

DSG

1. Link for details: [2021-09-29 DSG-SoLID R&D Meeting Minutes](#)

3. Overview for drawings status

Mary Ann Antonioli and Pablo Campero

1. Reviewed *Drawing List and Status* spreadsheet
2. Completed 69% of the drawings

4. Reviewed cable work status

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

1. Adding more cable lengths and strip lengths information to *Cable Information* spreadsheet
2. Wired seven PLC terminal blocks in instrumentation rack #1



Fig .1. Instrumentation rack #1, rear panel, upper section. Terminal blocks used for PLC IO module connections

3. Instrumentation rack #1 needs to match developed drawings
 - Unnecessary 3-level terminal strips need to be removed and 2-level terminal strips installed; there are about 310 missing 2-level terminal blocks
 - Need to add terminal group markers and labels
4. Cable fabrication will continue

5. Cable procurement

Marc McMullen

1. About 90 % of the cable was procured and received
2. Reviewing drawings to determine what other cable needs to be procured

6. Discussed development of MySQL database

Aaron Brown and Pablo Campero

1. Per Computer Center, two options for database server are available
 - MariaDB Server –mysql: public database server currently running
 - DSGDB Server: new database can be created
2. User accounts to access the database are not related to JLab/CUE accounts
 - Must create an account for each user and grant the appropriate access
 - Possibly use a common user account for all DSG members to access the database
3. Need to define software to be used on the client side