

DSG-SoLID R&D Meeting Minutes

Date: September 2, 2021

Time: 11:00 – 12:00

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

1. [Reviewed DSG-SoLID Magnet Control System meeting minutes from September 1, 2021](#)

DSG

1. Link for details: [2021-09-01 DSG-SoLID Magnet System Meeting Minutes](#)
2. Completed *Miscellaneous Instrumentation Wiring Diagram* and *Cable Diagram*
3. Modifying *PLC IO Modules Wiring Diagram* and *Power Supply Control Crate Connections* drawings
4. Made changes to power distribution for instrumentation
5. Discussed cable work plan

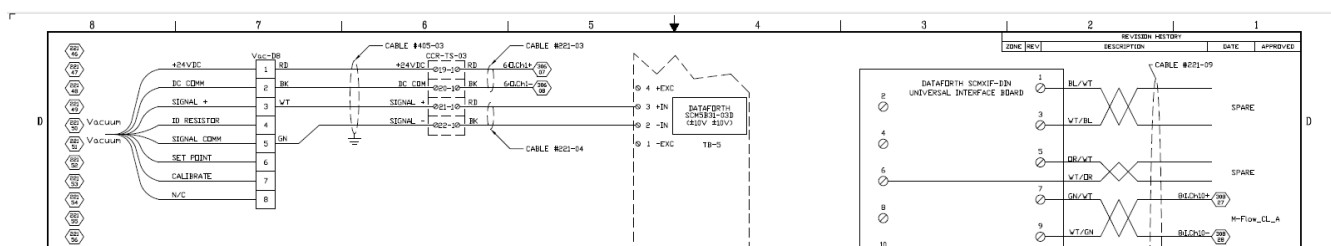


Fig.1. A00000-16-03-0221: *Miscellaneous Instrumentation Wiring Diagram*

2. [Reviewed cable work status](#)

Pablo Campero, Brian Eng, Mindy Leffel, and Marc McMullen

1. Generated table with information required for cutting and stripping the cables
2. To estimate cable lengths, created drawing of rear and front views of side-by-side instrumentation racks with cabling

3. [Reviewed DSG-SoLID Magnet Controls project schedule](#)

DSG

1. Modified hardware tasks to accommodate cable work
2. Added Sept, 2021 to show cable work

4. [Started development of MySQL database](#)

Aaron Brown and Pablo Campero

1. Installed MariaDB software
2. Discussed options for database storage
 - MyaSQL Enterprise Edition is not free
 - JLab-supported storage is a possibility
3. Pablo Campero will email Computer Center requesting access to JLab's database storage
 - Multiple DSG users must have write and read permissions to the database
 - Database should be accessible from any JLab subnet