

DSG-SoLID Magnet Controls Meeting Minutes

Date: November 24, 2021

Time: 11:00 – 12:00

Attendees: Aaron Brown, Pablo Campero, Steven Lassiter, Mindy Leffel, Tyler Lemon, and Marc McMullen

1. Drawings status

Mary Ann Antonioli and Pablo Campero

1. Completed modifications of rack C layout drawings
 - For drawing A00000-16-03-0103, removed unused power supplies, terminal strips, and breakers
2. Will check drawing A000000-16-03-0291 - *ASCII Communication System Diagram*
3. Completed modifications of drawing A000000-16-03-0306 – *PLC IO Remote A Slot 6 Wiring Diagram*
 - Added new signal to enable/disable communication with ASCII module
4. Drawing A00000-16-03-0000 Index page of all drawings in progress
 - Matching index to drawing names
 - Adding number of sheets per drawing
5. For drawing A00000-16-03-0100, will confirm the dimension for the line voltage controller Module (Used for liquid level unit)

2. Rack's wiring and cable fabrication

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

1. Fabricated 105 cables for intra-racks connections
2. Wiring of rack A front
 - Four of four signal conditioners (breakout boards and backplanes)
 - Partial of six CCS boards
 - Partial of MCR board
 - Need to install line voltage controller unit
 - Rack # A front panel status: 60% completed
3. Wiring of rack A rear
 - Completed wiring of eight of 13 PLC terminal strip groups
 - Partially wired nine of 14 instrumentation terminal strip groups
 - Rack # A rear panel status: 40% completed
4. Wiring of rack B front
 - Nine of nine LVC macro sensors for valve position readouts
 - Six of seven signal conditioners (breakout boards and backplanes)
 - Rack # B front panel status: 70% completed
5. Wiring of rack C (PLC rack)
 - All PLC modules' terminal blocks (x13) wired