

DSG-SoLID R&D Meeting Minutes

Date: April 29, 2021

Time: 11:00 – 12:00

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

1. Reviewed Hall A SoLID Magnet Controls System Meeting Minutes from April 28, 2021

DSG

1. Will make modifications to drawings A00000-16-03-0210, A00000-16-03-302, and A00000-16-03-400
2. Completed two electrical drawings
3. Received three, 500 ft., spools of multi-conductor cable for magnet temperature sensors

2. Cables for SoLID magnet instrumentation

Pablo Campero, Brian Eng, and Marc McMullen

1. Need two, low voltage, cables to connect temperature sensors from Cryo Control Reservoir connector to terminal strip on the instrumentation rack; requires minimum of 32 conductors
 - Reviewed drawing A00000-16-03-0406 *Rhodium-Iron Temperature Sensors Cable Diagram*

3. Assembly of the Motor Controlled Relay (MCR) boards

Mindy Leffel and Marc McMullen

1. Assembled one board
2. Will test relay operations of board in local and remote modes
3. Will write note and talk explaining details of assembly and testing procedure

4. HMI and CSS screen development

Mary Ann Antonioli and Pablo Campero

1. Wrote list of all changes required for the *Cryo Control Reservoir – Expert CSS-BOY* screen
2. Generated higher quality picture of current leads turret, from previously developed 3D model
 - Will replace current picture on the HMI screen and be added to the CSS-BOY screen