**Hall A - SoLID Magnet Control Systems – Agenda**

**Date:** January 29, 2020

**Time:** 10:00 – 11:00

1. *Constant Current Source* (CCS) board design and assembly – Marc McMullen/Peter Bonneau
   1. CCS board under revision
2. PLC programming – Whit Seay/DSG
   1. Status of axial load cell sensors
   2. Temperature sensors readout routine status
      1. Changing I/O PLC module configuration based on temperature sensor readout accuracy
      2. Noted that PLC routine has different temperature sensors names from the instrumentation spreadsheet provided (i.e. PLC code: TS1\_He Vs I&C spreadsheet provided: TS1)
      3. Define PLC tag names to be used, must be consisted between documentation, PLC and data logging
3. HMI programming – Pablo Campero
   1. Completed *Radiation Screen and Coil Shell Temperature* HMI screen
      1. Comments about first version developed
   2. Developing *Neck Temperatures* HMI screen
      1. Define sensor location
4. Instrumentation status – Steven Lassiter/Whit Seay
   1. Decision about moving the racks?
   2. Is the P&I diagram for the service tower available?
      1. P&I diagram required to project instrumentation and controls required
   3. Information about heater controller, specs required
5. Electrical drawings status
   1. Developed index for electrical drawings
   2. Using I&C spreadsheet provided, developing *SoLID Interconnect System Diagram* drawing
      1. Clarification of internal wiring connection for the sensors
      2. Do we want to show internal wiring connections of SoLID as part of the *Cable Diagram* drawings?