

DSG SICOM Meeting Minutes

Date: April 4, 2024

Time: 2:00 PM – 3:00 PM

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

1. Hall C NPS LabVIEW

Aaron Brown and Mary Ann Antonioli

1. Working on version 3
 - Code for the configuration file was broken into two SubVIs—download and check validity of the configuration file and breaking the file into six arrays
 - Debugged issue of configuration file being read for each loop, instead of once
 - SubVI is in progress to determine if a trip is needed

2. Adobe InDesign

Mary Ann Antonioli and Aaron Brown

1. Issues to access Adobe InDesign program
 - After installing Adobe InDesign latest version (19.3), attempting to open program from its cloud interface opens InDesign version CS6 on Mary Ann's computer
 - Aaron Brown installed Adobe InDesign version 19.3 on his personal computer and had no issues opening it
 - Peter Bonneau suggested uninstalling version CS6

3. Hall A ECAL temperature and heater controls LabVIEW program

Marc McMullen and Brian Eng

1. Resolved issues with process variable used to monitor the heartbeat of the cRIO in EPICS
 - Changed configurations in LabVIEW EPICS to set process variable as a Boolean type
2. Monitored cooldown operations

4. Hall B ALERT

Brian Eng and Marc McMullen

1. Writing LabVIEW code to read and control Alicat mass flow controllers
 - Need to check model and specifications for mass flow controller
 - Alicat mass flow controllers have an available local display to monitor temperature and pressure
2. Discussed reasons for updating MKS to Alicat mass flow controllers
 - Pressure range operation and lead time determined the replacement