DSG SICOM Meeting Minutes

Date: May 2, 2024
Time: 2:00 PM – 3:00 PM

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

1. **NPS interlock controls and monitoring**
   Mary Ann Antonioli and Aaron Brown
   1. For version 3 of the interlock program, Mary Ann discussed with Aaron changes required for the logic related to latching and interlocking actions, since latching and interlocking will now be triggered at the same time
   2. Mary Ann revised NPS Phoebus screens, removing unnecessary widgets (due to code changes) and rearranging remaining widgets

2. **Hall A LAPPD gantry controls**
   Pablo Campero and Marc McMullen
   1. Pablo contacted Zaber technical support regarding home sensor relocation to change zero location of the gantry
      - Suggested moving the home sensor until the desired new zero position is found within the LAPPD window range and then recalibrate the software

3. **Hall B Magnet PLC Controls**
   Pablo Campero, Brian Eng, and Tyler Lemon
   1. Brian informed the group that we are unable to connect to the Torus PLC
      - Need to contact Rockwell
      - A PLC reset will be required to reestablish communications or try a parallel USB communication mode, which needs to be tested
   2. Pablo requested access to dsgcontrols1 and clas12magpc computers to access PLC software
      - Tyler will add Pablo's laptop to Factory TalkView Administration Console list of allowed users
      - Brian will set administration rights on clas12magpc for other DSG members
        - Need to install PLC software: Studio5000 v28.3 and RSLinx Clasic

4. **Hall B ALERT**
   Brian Eng and Marc McMullen
   1. Brian attempted to install latest version of LabVIEW on local computer to control and monitor Alicat mass flow controllers, but only 2020, 64-bit version available on O drive
   2. Can get latest version using NI Package Manager software, but still need to check with Kelvin Edwards for site license availability