

DSG SICOM Meeting Minutes

Date: May 16, 2024

Time: 2:00 PM – 3:00 PM

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

1. NPS interlock controls and monitoring

Mary Ann Antonioli and Aaron Brown

1. Aaron modified subVI used to calculate trip delay
 - Tested subVI; so far, no issues found
2. Mary Ann completed modifications of the Phoebus screens

2. Hall A Muller PLC

Brian Eng

1. Discussed Siemens PLC software licenses for DSG group
 - DSG purchased one license and Hall A purchased another
 - Brian initially installed version 18 on DSG-WIN-231 computer, but now it needs to be upgraded to version 19
 - Ideally, both licenses should run on IT server so licenses can be accessed from computers connected to any JLab subnet

3. Hall A LAPPD Gantry System

Pablo Campero

1. Pablo is developing LabVIEW program to control and monitor gantry
 - Completed subVI to read gantry's carrier position
 - Working on subVI to set gantry position in X and Y

4. Hall B Magnet PLC controls

Pablo Campero and Brian Eng

1. Brian power cycled Torus PLC to recover from firmware anomaly
 - Resolved major fault loaded from non-volatile memory
 - Verified that clas12magnetpc (the computer on SFL2N) can connect to PLC
 - Still need to upgrade PLC firmware version to resolve initial fault that prevented remote connections
2. Pablo and Brian will research the most compatible and reliable firmware version to upgrade the Solenoid and Torus PLCs
3. Brian added hb-win-231 computer host name to the 12magnetpc's Factory TalkView Administration Console list of allowed users