

DSG-NPS R&D Meeting Minutes

Date: July 19, 2022

Time: 11:00AM – 11:45AM

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

1. Phoebus monitoring and controls screens

Mary Ann Antonioli, Peter Bonneau, Aaron Brown, and Tyler Lemon

1. Reviewed Phoebus monitoring and controls screens for the hardware interlock system
 - Low limits will be added to all controls screens
 - If not needed or not used, all low limits will default to a large number so they do not trigger alarms or interlocks
2. The EPICS control indicator LED will be moved from the controls side of the main menu to the monitoring side
 - The hardware interlock system LabVIEW program will start in EPICS control mode by default; changing between LabVIEW and EPICS control modes will only be done through LabVIEW
3. Date and time indicators will be added to each screen

2. Chiller communication testing

Aaron Brown and Tyler Lemon

1. Marc procured a 20" line to connect the outlet to the inlet on the chiller; this will allow us to begin testing the chiller communications
2. A vortex flow meter will be added in-line between the outlet and the inlet so we can do two tests in one
3. Aaron will check if the vortex flow meters were shipped with calibration data