

## DSG-NPS R&D Meeting Minutes

**Date: February 22, 2022**

**Time: 02:00PM – 03:30PM**

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

### **1. Hardware Monitoring Program Development**

*Mary Ann Antonioli, Peter Bonneau, Aaron Brown, and Brian Eng*

1. Reviewed EPICS Phoebus screen for hardware monitoring program
  - Discussed concerns with using tabs on Phoebus screens (mainly that users cannot view multiple tabs at once)
  - Decided to create a separate screen for each tab of the LabVIEW program
  - Action buttons will be used to open each screen to enable users to view multiple screens at once
2. A spreadsheet detailing number and purpose of EPICS screens needed for hardware monitoring program will be generated
3. Discussed creation of EPICS process variable (PV) names
  - DSG will create PV names using similar naming convention currently used by Halls A and C

### **2. Hardware Interlock System Development**

*Mary Ann Antonioli, Peter Bonneau, and Aaron Brown*

1. Reviewed LabVIEW program/EPICS screen development spreadsheet
  - Discussed replicating in EPICS only the LabVIEW screens necessary for users as experts will use the LabVIEW program