

DSG-NPS R&D Meeting Minutes

Date: December 13, 2022

Time: 2:00 PM – 2:45 PM

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

1. Reviewed DSG NPS Status presentation

1. [DSG NPS Status](#) update

2. Thermal readback

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

1. Debugging completed
 - Pablo retested all Phoebus screens using *cdaq13* from cdsg account; no issues found
2. Next steps
 - Auto-restart did not work properly; debugging in progress
 - Production version of LabVIEW program and Phoebus screens in development, which will include interlocks and system monitoring (time alive and CPU usage)
 - Aaron is developing a troubleshooting guide and will post to NPS controls wiki page

3. Low voltage controls

Mary Ann Antonioli and Tyler Lemon

1. Tyler will contact Brad and/or Bob to set up final IOC and Phoebus screen testing

4. Hardware fabrication

Aaron Brown, Mindy Leffel, and Marc McMullen

1. Mindy is fabricating 100-ft. power cable for humidity sensor power distribution box