

DSG-NPS R&D Meeting Minutes

Date: January 03, 2023

Time: 2:00 PM – 2:30 PM

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

1. Thermal readback

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

1. Auto-restart implemented; debugging in progress
2. Will add heartbeat to new version of LabVIEW code to record a timestamp if Ethernet goes down or LabVIEW loses connection with cRIO
3. Writing troubleshooting instructions to post to wiki page

2. Low voltage control and monitoring

Mary Ann Antonioli and Tyler Lemon

1. Tyler is testing the IOC and control GUI; debugging in progress

3. Hardware fabrication

Aaron Brown, Mindy Leffel, and Marc McMullen

1. Received 100 ft. of 2-conductor wire for low voltage test cables
 - All connectors have been ordered (10 banana plugs and 10 three-position connectors)
2. Received 15 backshells for D-sub extension cables
 - Contacted buyer (Crystal Brinkman) regarding 500 ft. of 27-twisted pair cable ordered on 12/06/2023; she is contacting vendor
3. Mindy has received all the bases and capacitors