

DSG-NPS R&D Meeting Minutes

Date: June 20, 2023

Time: 02:00 PM – 02:15 PM

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

1. Thermal readback

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

1. Mary Ann has completed changing the array shared variables to individual shared variables in the LabVIEW program for both the LabVIEW control and EPICS control cases
2. Debugging in progress
 - Some PVs are not initialized at startup; the calculated dew point values are not shown; some EPICS changes not reflected in LabVIEW program
 - Will check the configuration file path

2. Hardware

Aaron Brown Mindy Leffel, and Marc McMullen

1. All cables fabricated and delivered to hall
 - 120-ft., 9-conductor serial cables (x2)
 - 120-ft., 2-conductor relay cables (x2)
 - 20-ft. LEMO cables with flying leads (x2)

3. Installation update

Aaron Brown and Marc McMullen

1. Hall C techs moved detector to platform; cabling in progress by Simona Malace and students
2. The chillers will be hooked up this week; a flow meter has been attached to each chiller by Paulo Medeiros
 - Marc is working on distributing power to both flow meters
3. Software checkout expected to begin this week