

DSG-NPS R&D Meeting Minutes

Date: January 17, 2023

Time: 02:00PM – 02:30PM

Attendees: Mary Ann Antonioli, 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. Implemented auto-restart
2. Added heartbeat and CPU information to new version of LabVIEW code
 - Heartbeat added to Phoebus screen, CPU information not yet
3. Developing error handling to be included in both LabVIEW program and Phoebus screens
4. Writing troubleshooting instructions to post to wiki page

2. Low voltage

Tyler Lemon

1. Completed low voltage IOC/GUI testing

3. High voltage

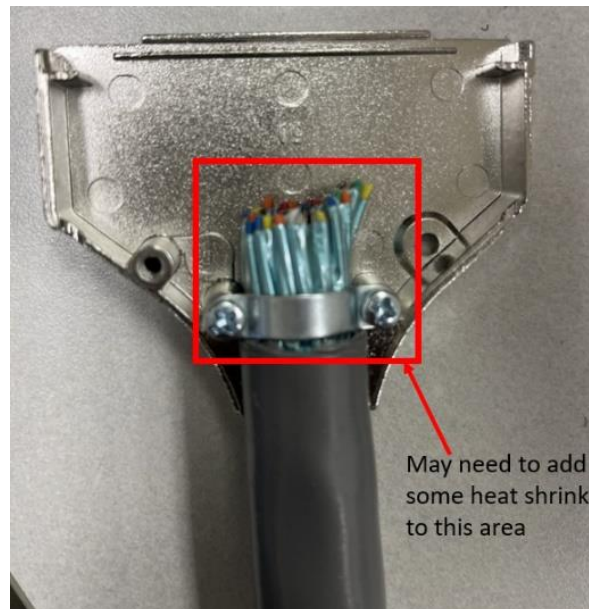
Aaron Brown and Brian Eng

1. Contacted CAEN technical support on 01/17/23 regarding problems with EPICS server for crate #1 (nps-hv1); awaiting response

4. Hardware

Aaron Brown, Mindy Leffel, and Marc McMullen

1. Mindy has started fabricating the patch panel-to-Keysight mainframe cables
2. Fifteen additional backshells have been ordered by Marc (total ordered: 30)
 - Marc tested backshell with the new, thicker, cable; backshell fits, but heat shrink will be added



3. Mindy has finished adding capacitors to 540 of ~800 divider bases

From: Bogdan Wojtsekhowski <bogdanw@jlab.org>
Sent: Wednesday, December 21, 2022 9:09 AM
To: Marc McMullen <mcmullen@jlab.org>
Cc: Chris Stanislav <stanisla@jlab.org>
Subject: NPS

Hi Marc,

The test of NPS signals was successfully completed.
The next step is capacitors in ~800 bases. They are waiting in Chris's lab.
Please let me know when your people will make correction of the bases.
NPS will need 50 per day starting 1/9.
Thanks a lot,

Bogdan