

## DSG-NPS Status Meeting Minutes

**Date:** December 09, 2020

**Time:** 10:00AM – 10:30AM

*Attendees: Peter Bonneau, Aaron Brown, George Jacobs, Tyler Lemon, Marc McMullen, Stephen Wood*

### 1. Cable fabrication and parts procurement

- 1.1. One thousand and forty high voltage divider cables have been fabricated
- 1.2. Most components to fabricate the 140' multi-conductor cables have arrived
  - 1.2.1. CAEN incorrectly shipped 20 female Radiall 52-pin connectors; only male connectors (40) were ordered; Greg Kibilko is investigating
  - 1.2.2. Pins need to be ordered for the SAMTEC connectors

### 2. CAEN HV module testing

- 2.1. Testing of all modules has been completed
- 2.2. Examples of module problems: module #349 has a bad channel #13, module #297 is non-functional
  - 2.2.1. Aaron Brown will compile a detailed list of module problems
- 2.3. Final analysis in progress; all plots will be uploaded to the DSG NPS technical documentation website
- 2.4. Formal report will be released by end of December 2020
- 2.5. Defective modules will be sent back to CAEN for repair

### 3. Aaron Brown will generate scripts to place and assign PVs to widgets for EPICS CSS-BOY controls and monitoring screens

### 4. Submitted PR for temperature readout system; signed by Stephen Wood

- 4.1. Buyer has been assigned (Jami Anthony)
- 4.2. One Keysight mainframe, two multiplexers, two terminal blocks, and 10 K-type thermocouples

### 5. Stephen Wood will contact Chris Cuevas to discuss concerns about detector components that are not voltage rated properly (e.g. SAMTEC IPBD-08-D-K and IPBD-15-D-K connectors)