

List of remaining tasks for shower and preshower

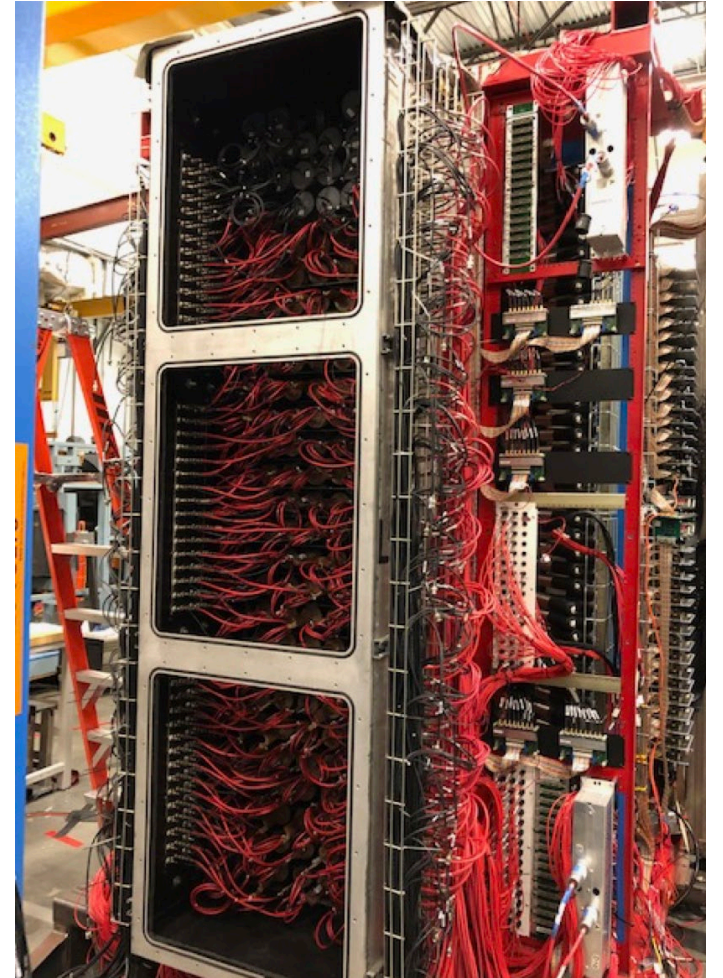
Bogdan Wojtsekhowski - JLab

Arun Tadepalli – JLab

11/5/2020

List of remaining tasks - shower

1. Ask Hall C technicians for help with making whatever cables we need
2. Attach the cables for the **updated trigger logic** from the patch panels
3. Check for any light leaks
4. Make sure that all the cable connectors are intact
5. Cosmic counter connected but HV connection need to be labeled and identified in the software
6. Check if the cables are connected properly
7. Make sure the current on the HV bases are ok by turning on one layer at a time and observing the base current. Make sure that they are mapped correctly by checking the signals from the DAQ side
8. Check the shape of the amplitude distribution from each module
9. Take data at different high voltage settings
10. Perform gain matching studies for the shower (Mark's code) and make sure that the α value is satisfactory
11. Make documentation



List of remaining tasks - preshower

1. Install the magnetic shield items (blue plate, smaller plate and spacers)
2. Make inlet for gas flow for each preshower block housing
3. Move preshower blocks from EEL building
4. Install the preshower modules in place (rubber piece goes at the bottom*)
5. Install the red u-channel and cable support angle bar
6. Attach the cables
7. Steps are identical as mentioned in the previous slide (steps 1 - 11)



Remaining tasks

- Anything from the DAQ side?