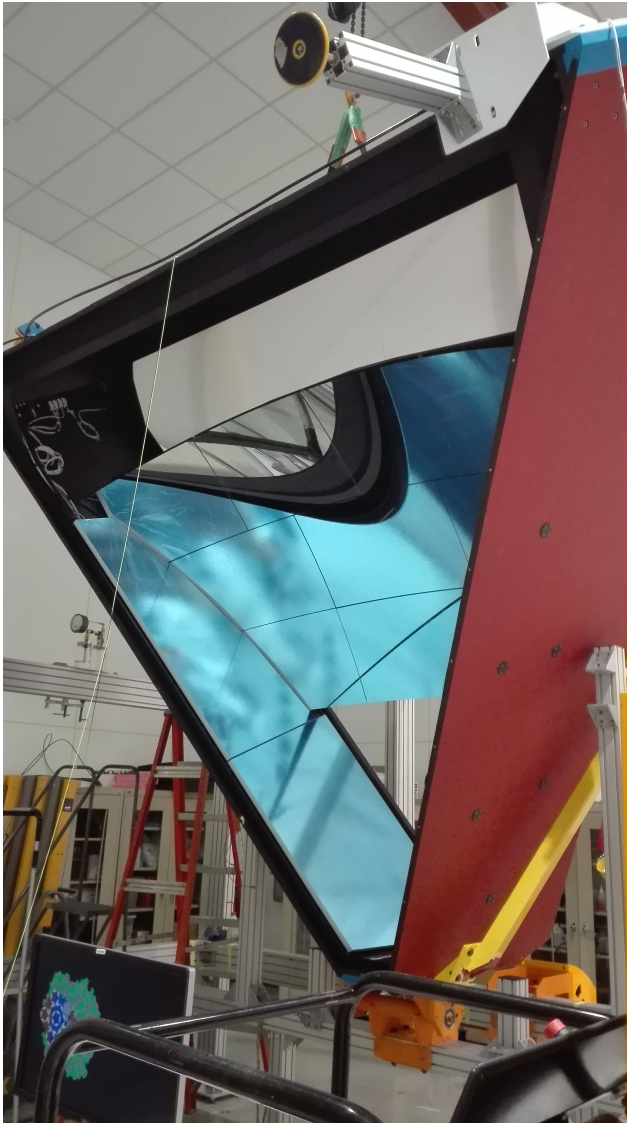


CLAS12 RICH



At the beginning of the summer we got a last-minute issue with both mirror producers

Spherical mirrors:
chemical residuals not visible before coating

Planar mirrors:
shortage of the glass-skin material

The mirror were installed middle of November,
about 2 months behind schedule.



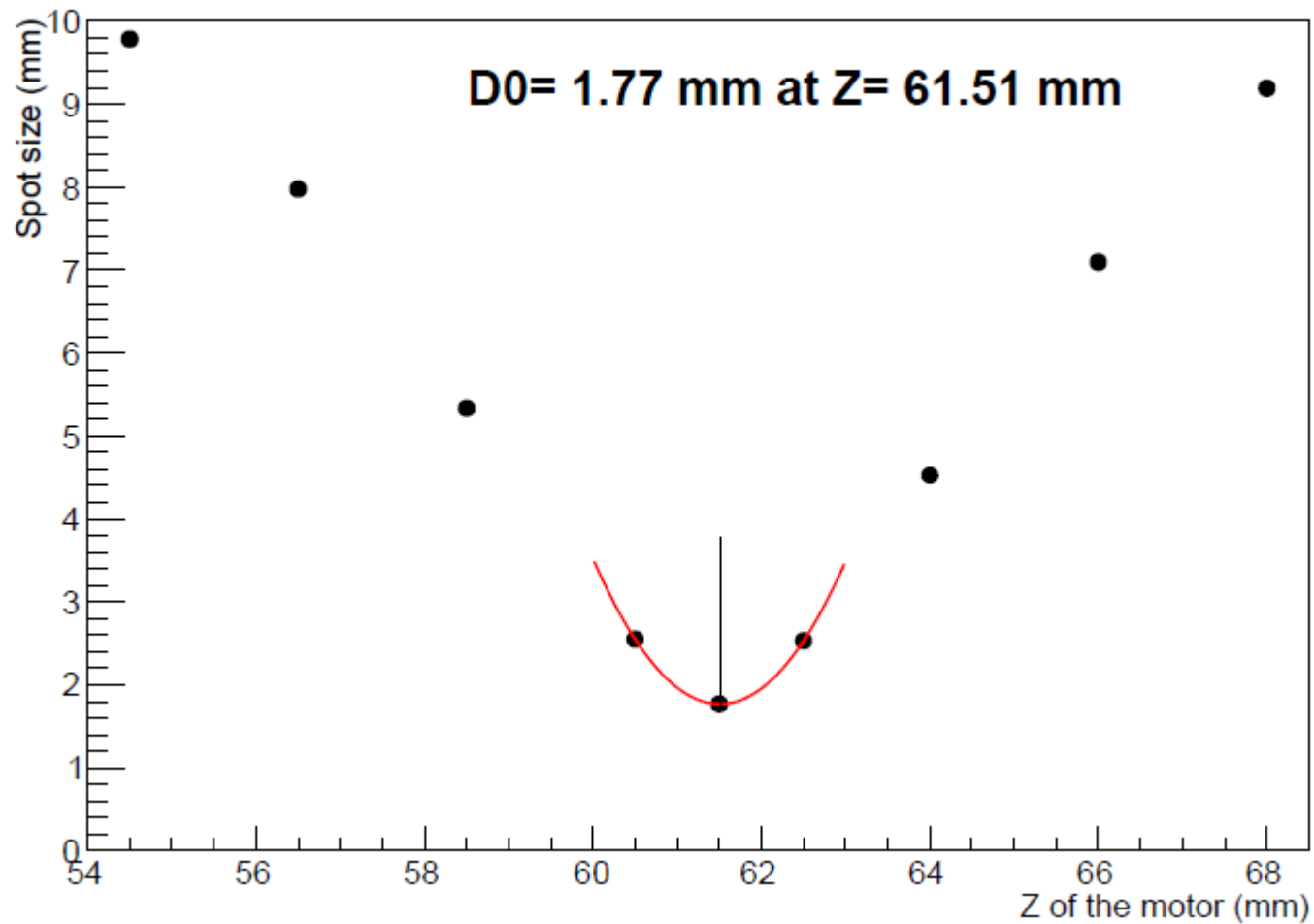
RICH installation planned at beginning of January,
during the engineering run break.

Mirror Alignment



Mirror Alignment

Point-like source image



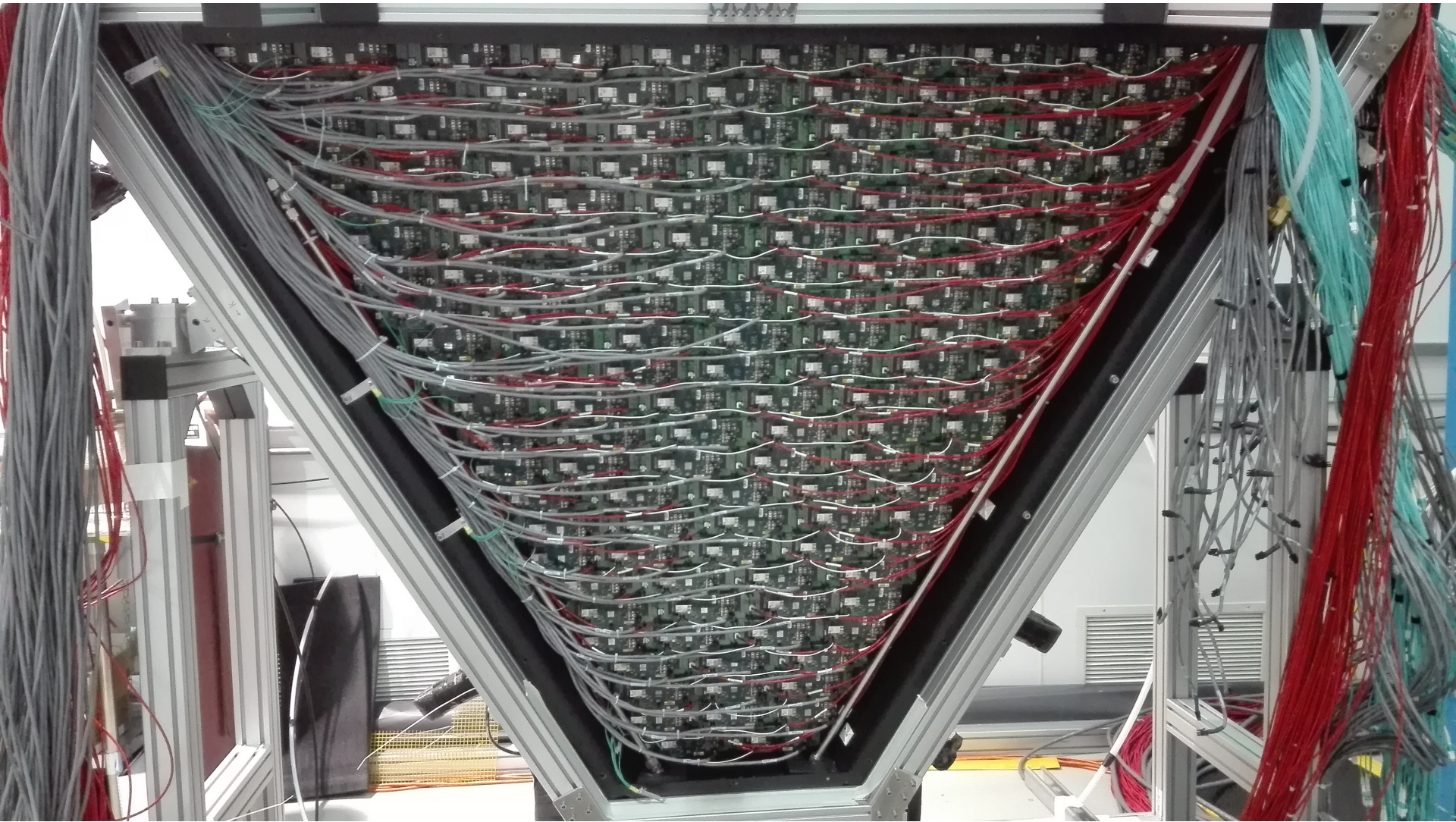
Electronic Panel Installation



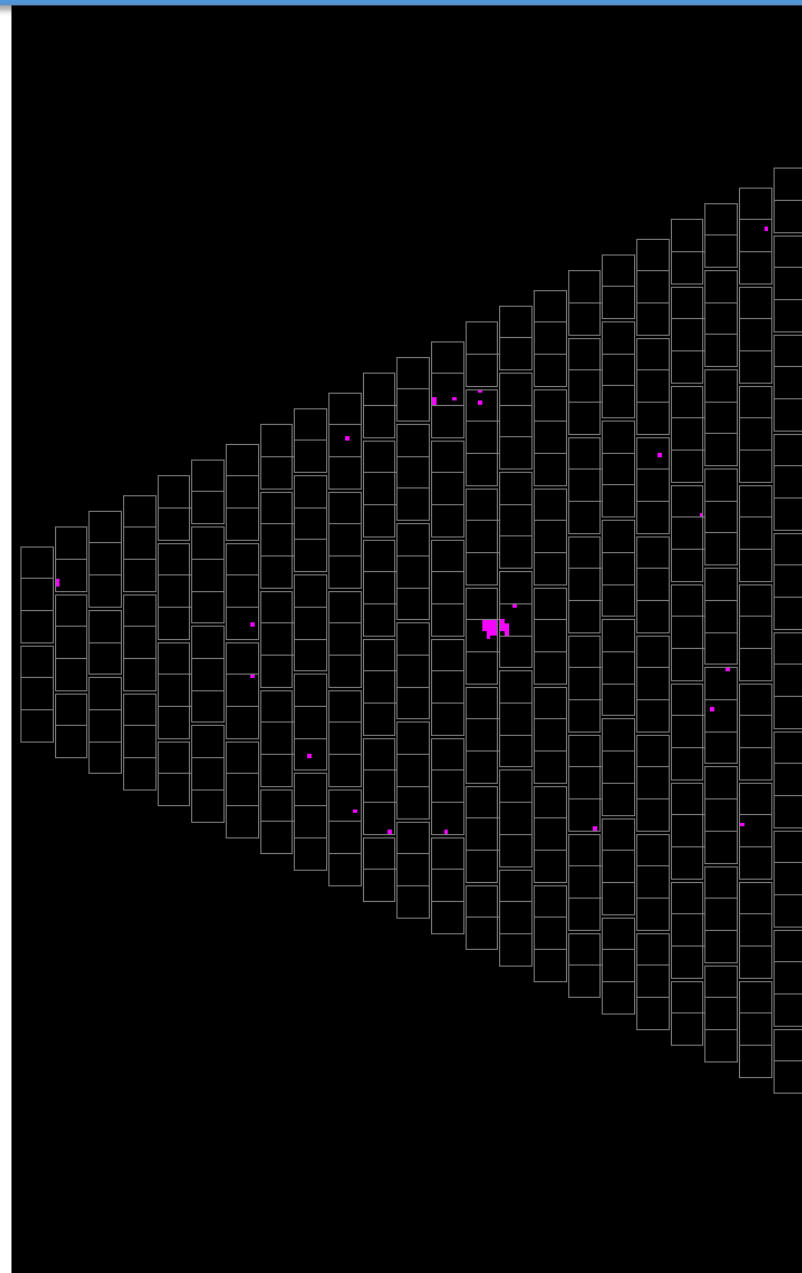
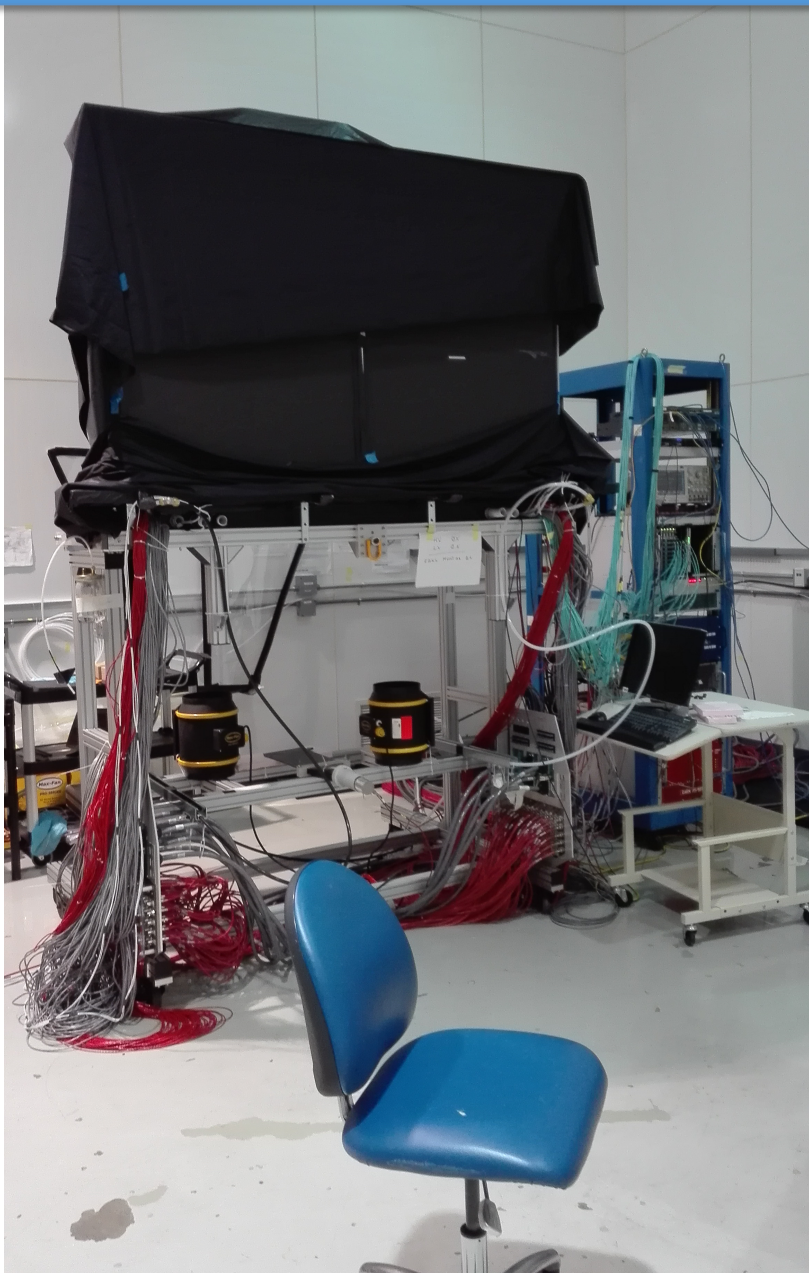
Electronic Panel Installation



Electronic Panel

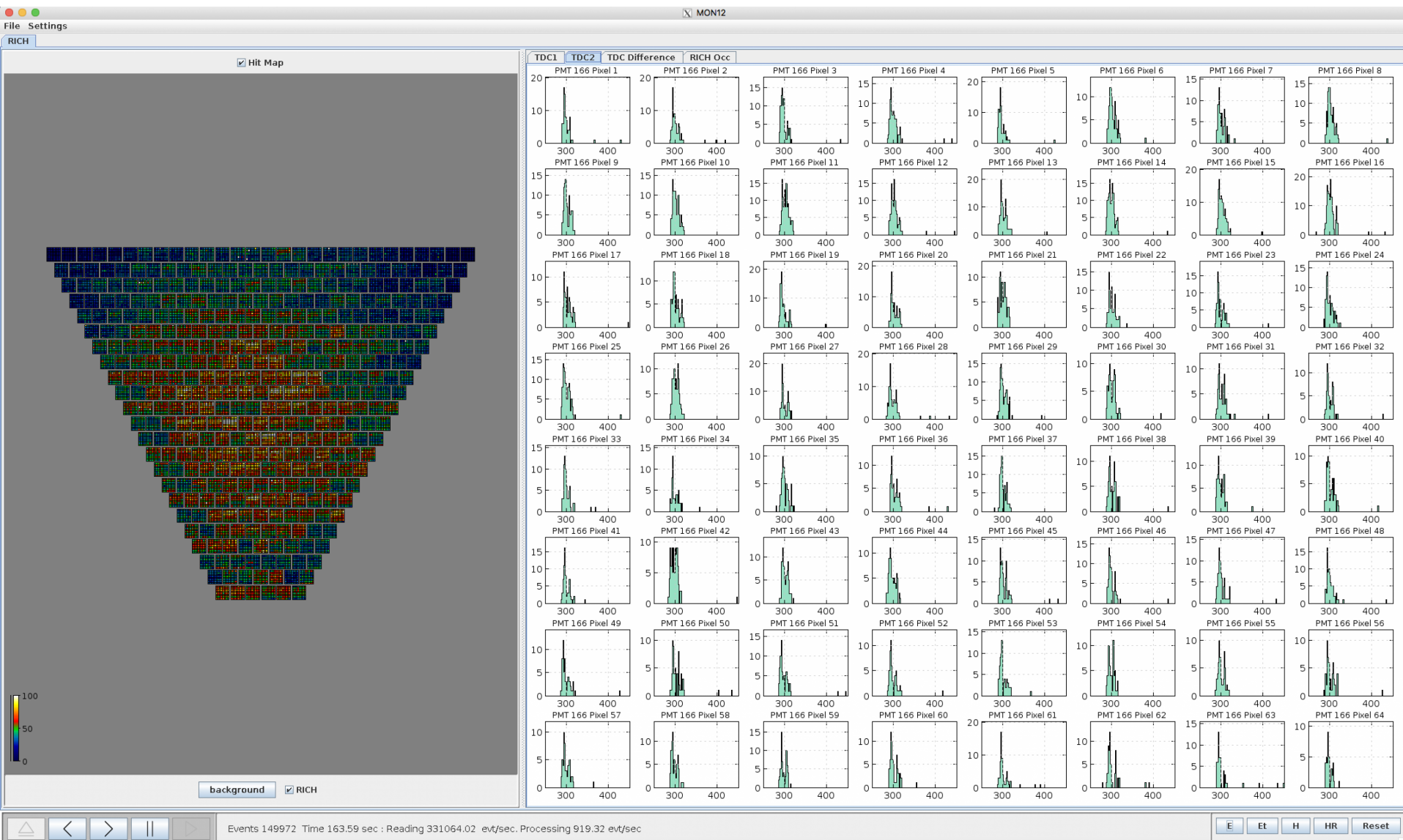


Cosmic Stand

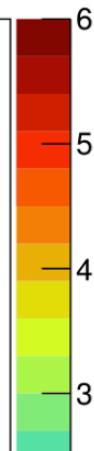
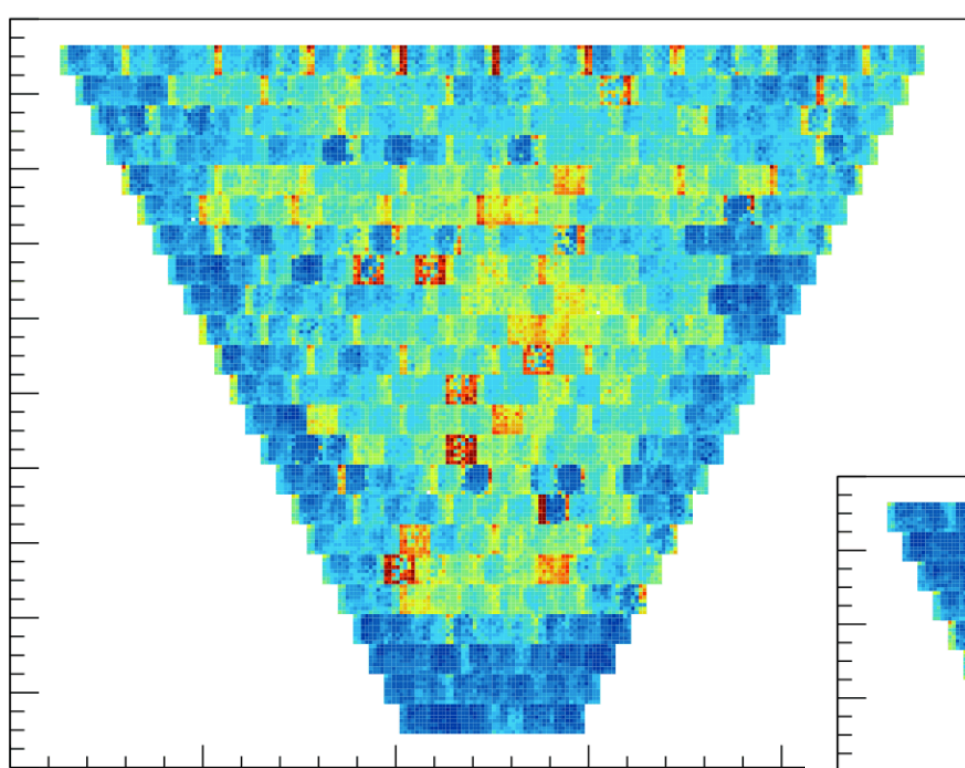


/ Event #8

Online Monitor



Pedestal RMS Distribution

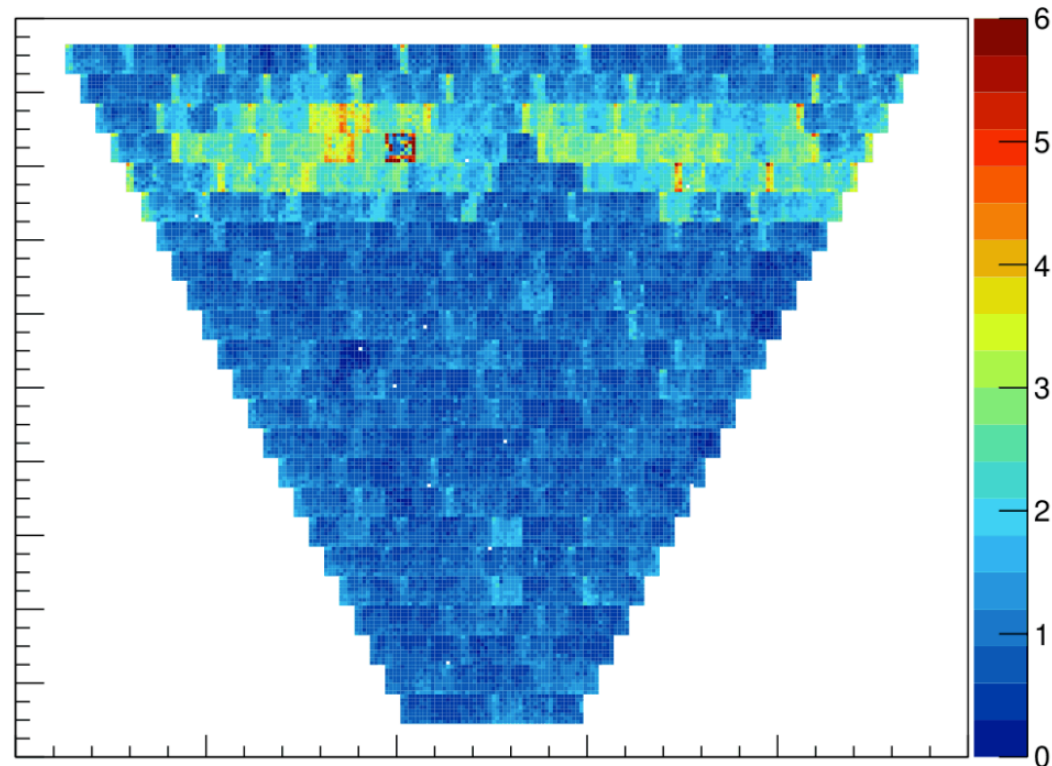


TDC discriminator baseline

1 DAC \sim 1 mV

Typical single-photon signal
around 400 DAC

Improvement in progress
(jumpers between boards)

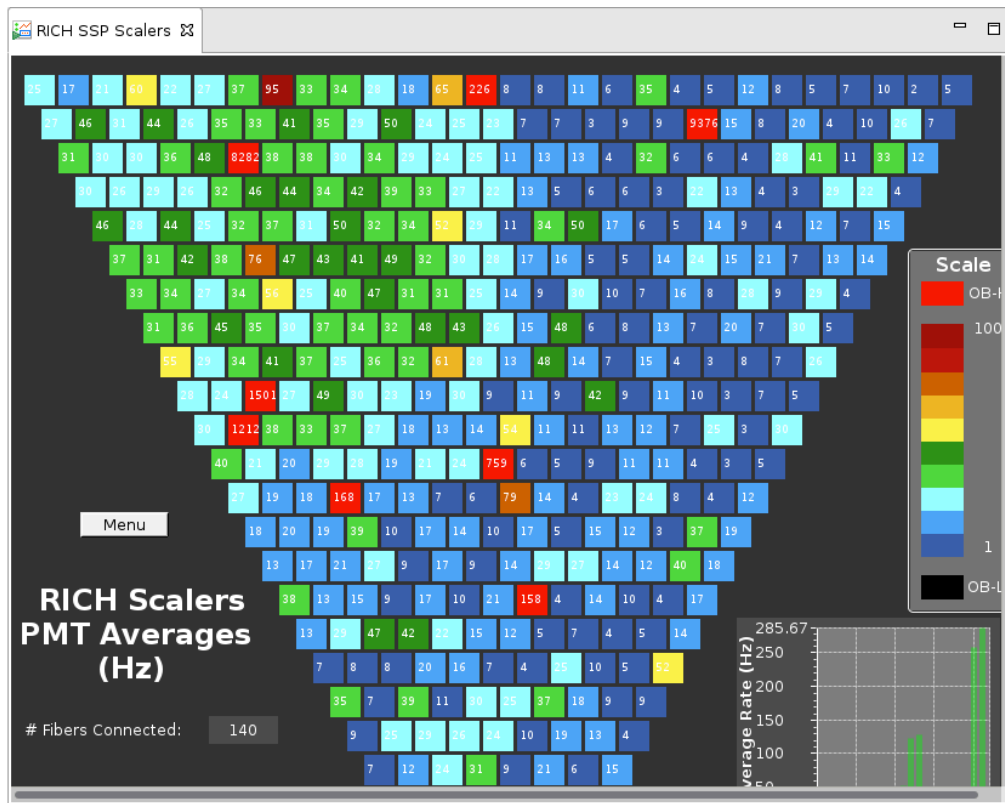


Slow Control

Scalers

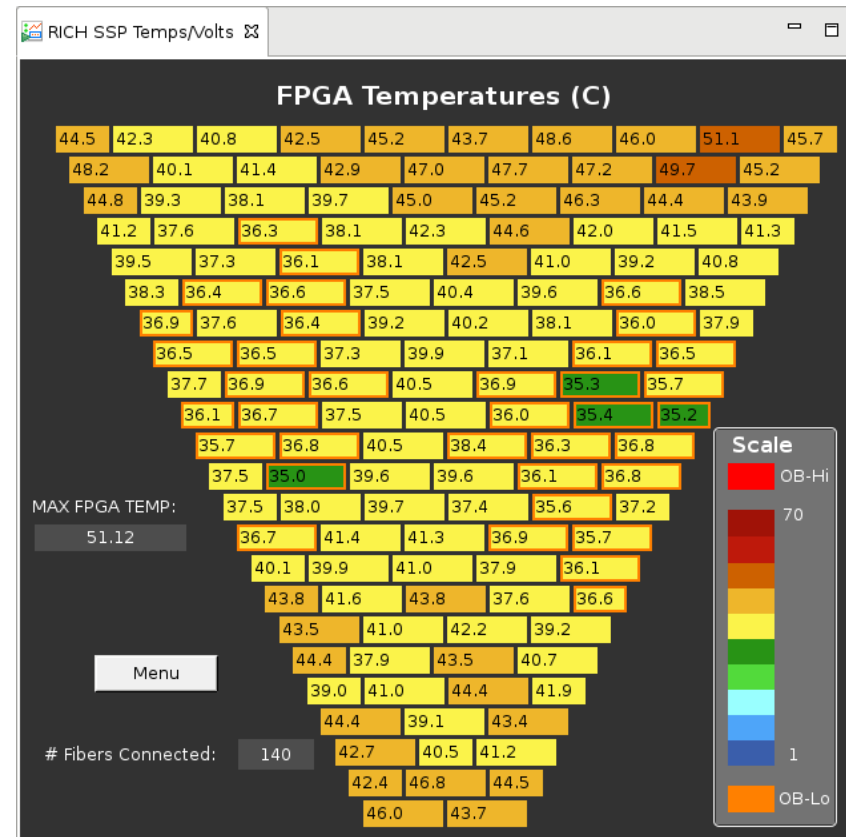
Hot or dead channels

LED single photon illumination

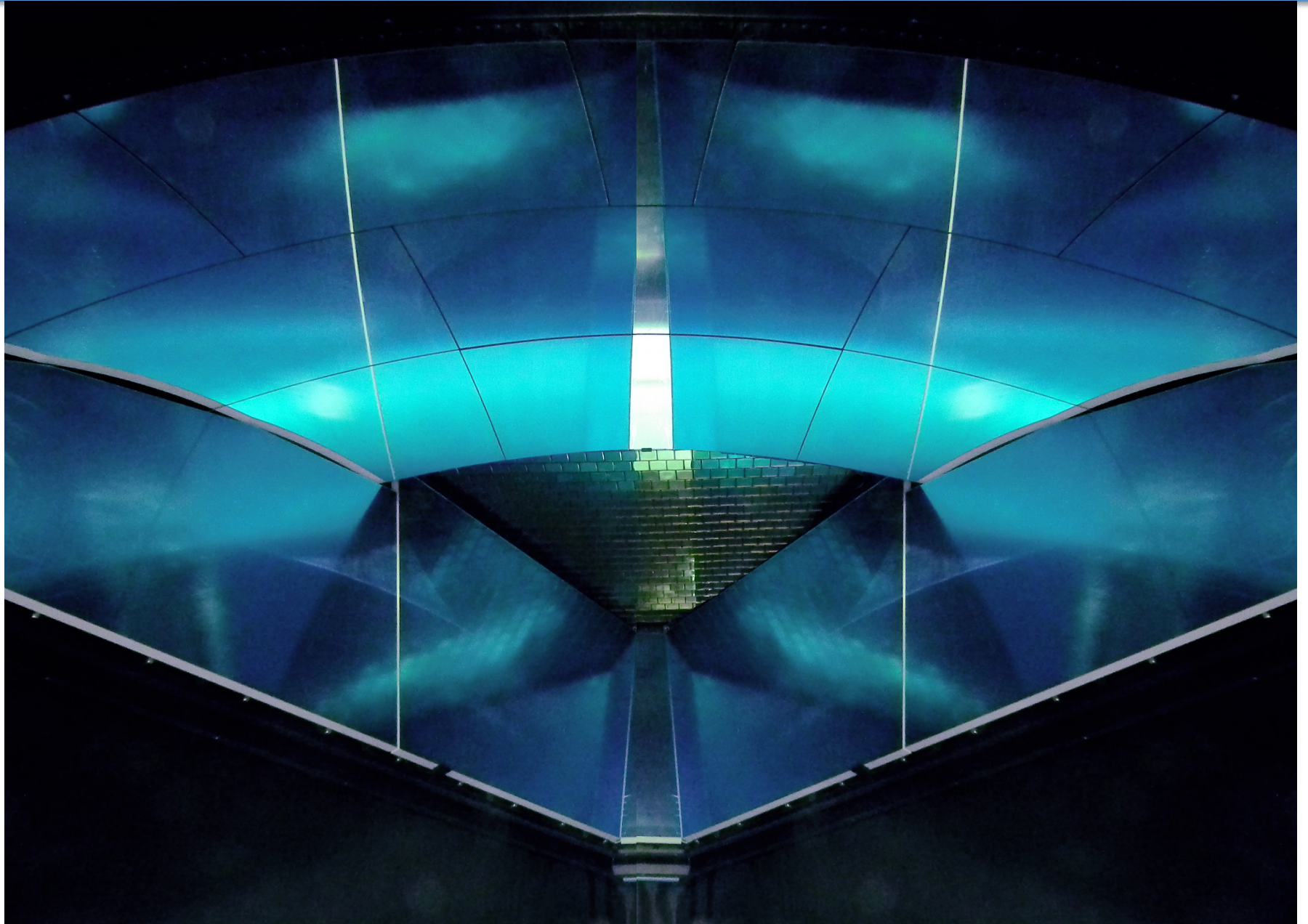


Temperature Map

Upgraded to software interlock



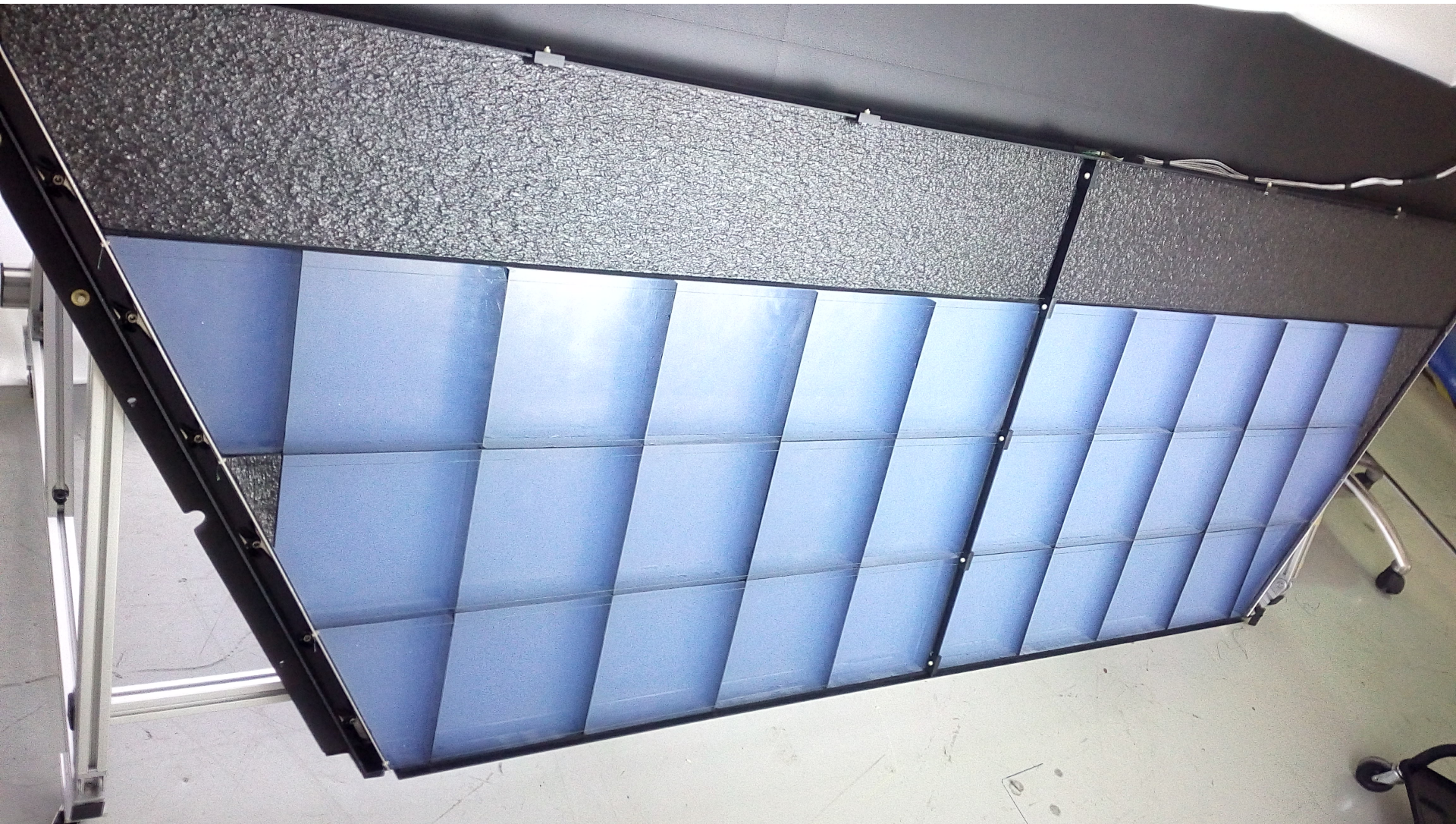
CLAS12 RICH



CLAS12 RICH



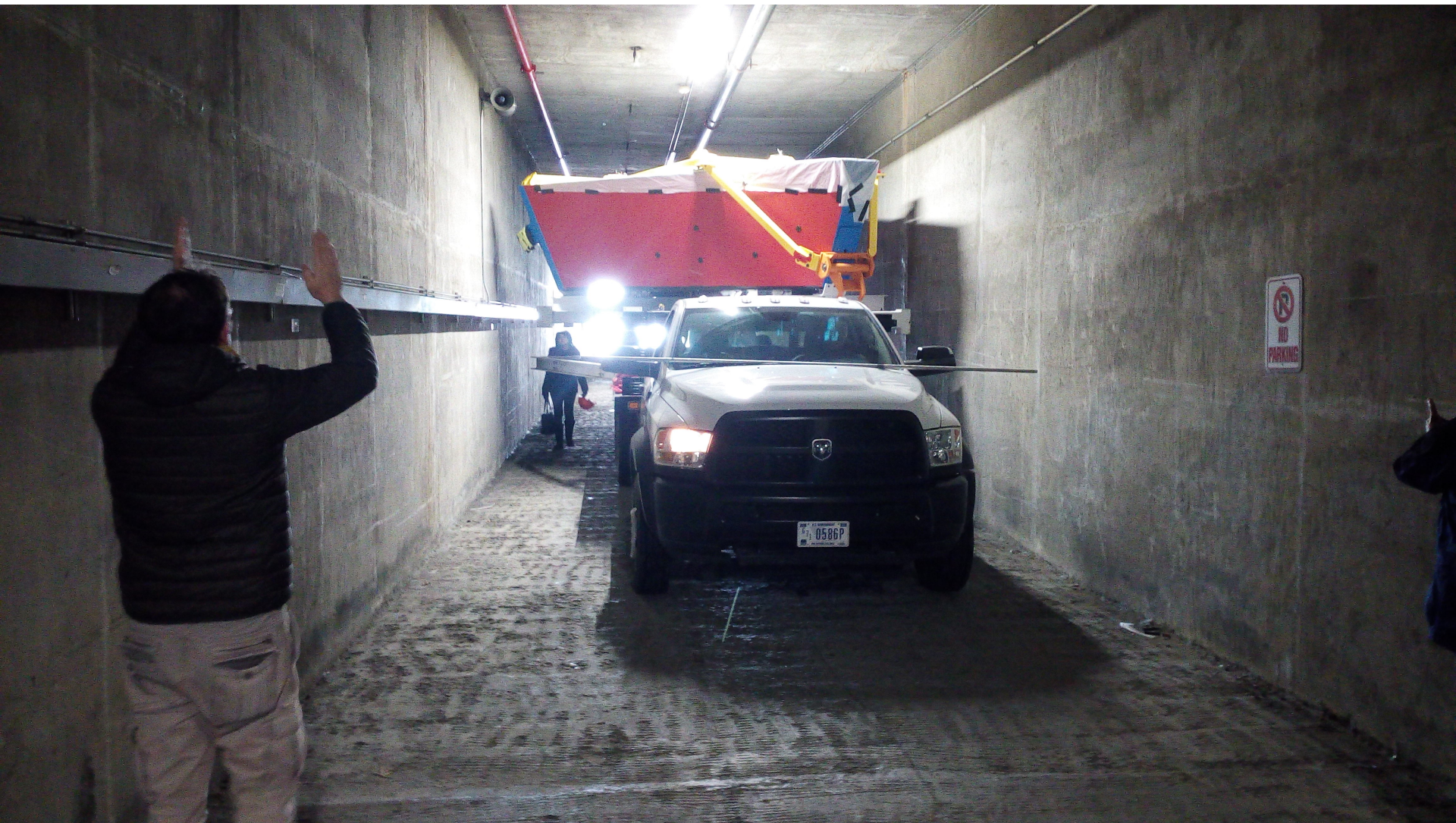
CLAS12 RICH



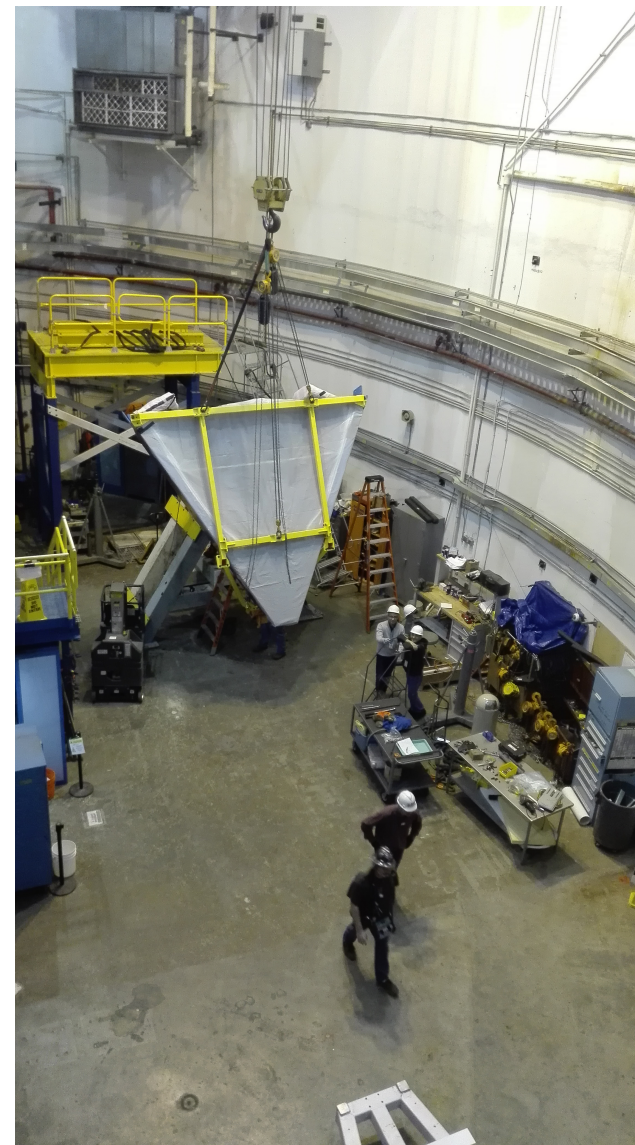
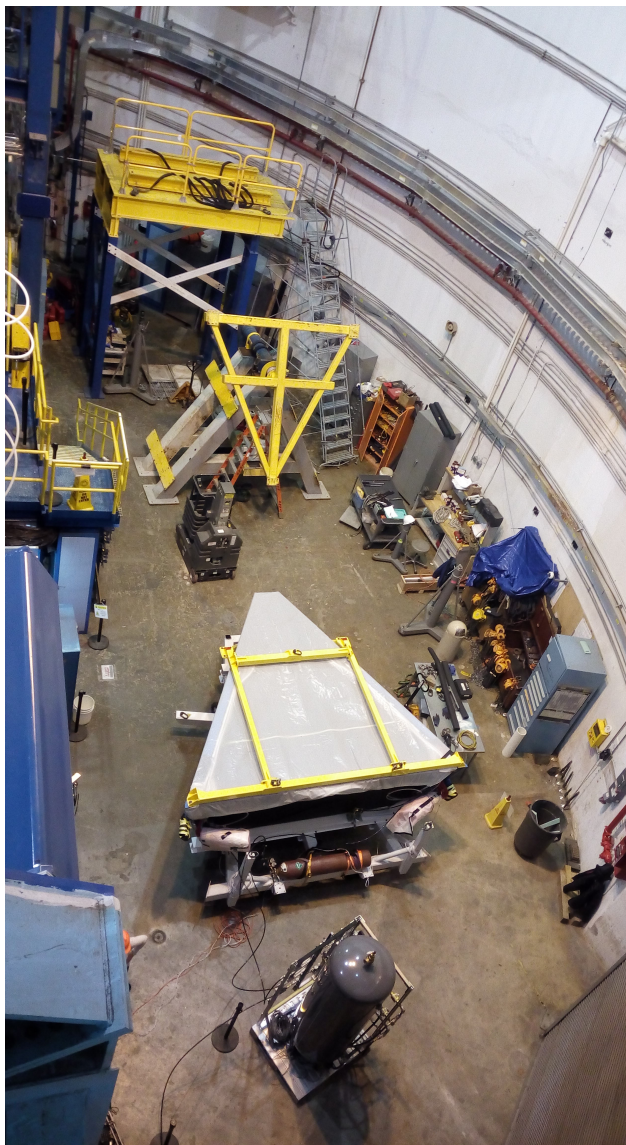
CLAS12 RICH



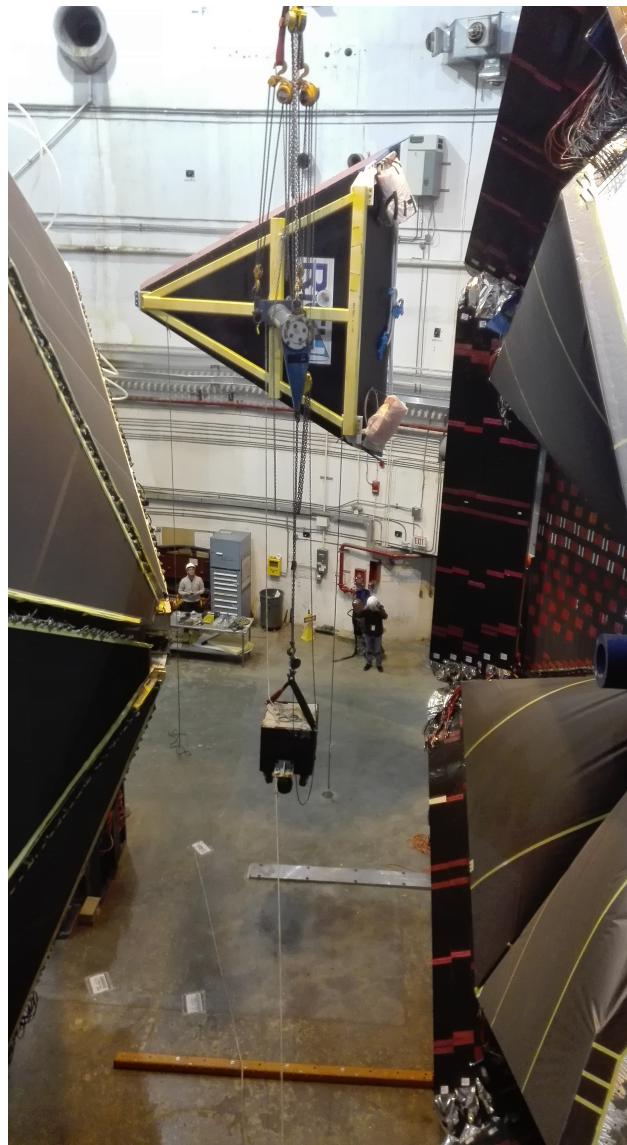
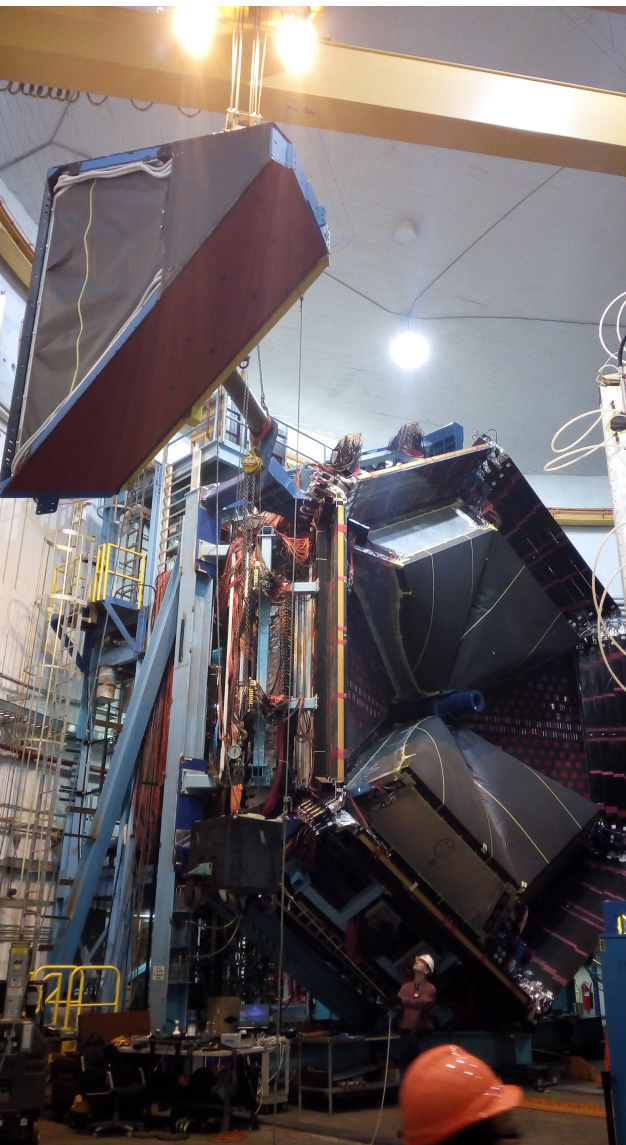
CLAS12 RICH



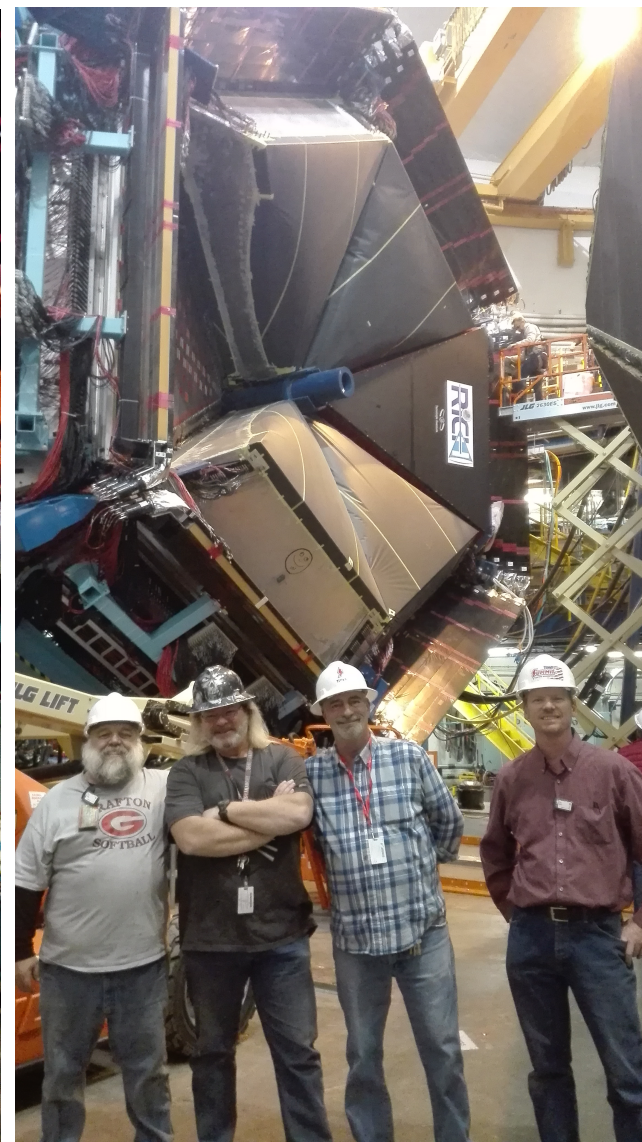
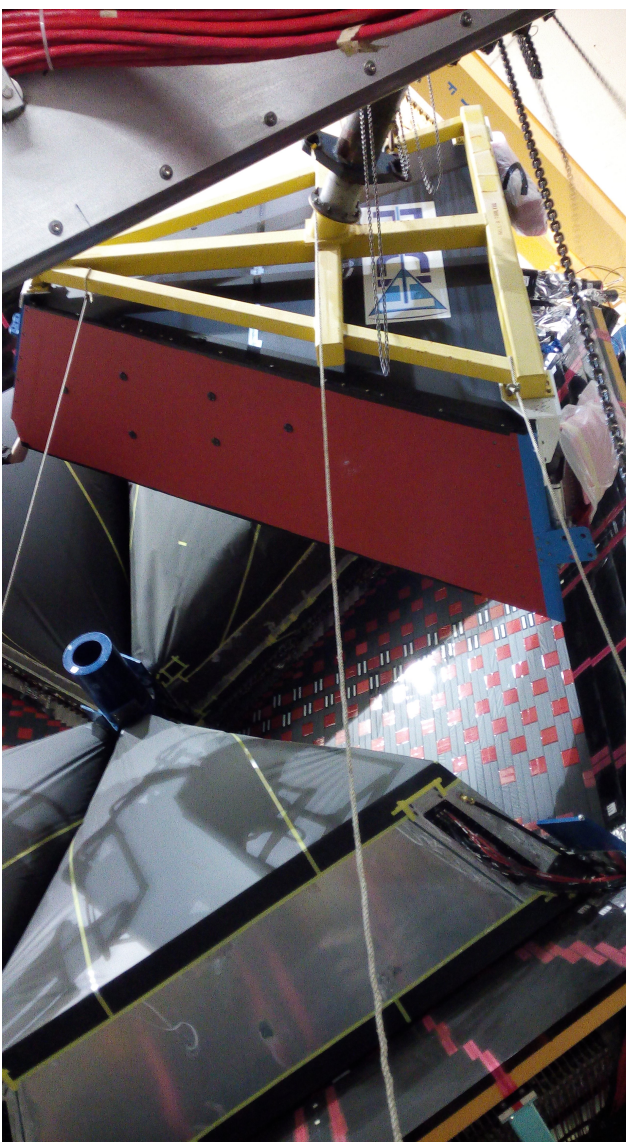
CLAS12 RICH



CLAS12 RICH



CLAS12 RICH



Special thanks to Dario, Sandro and the Hall-B crew

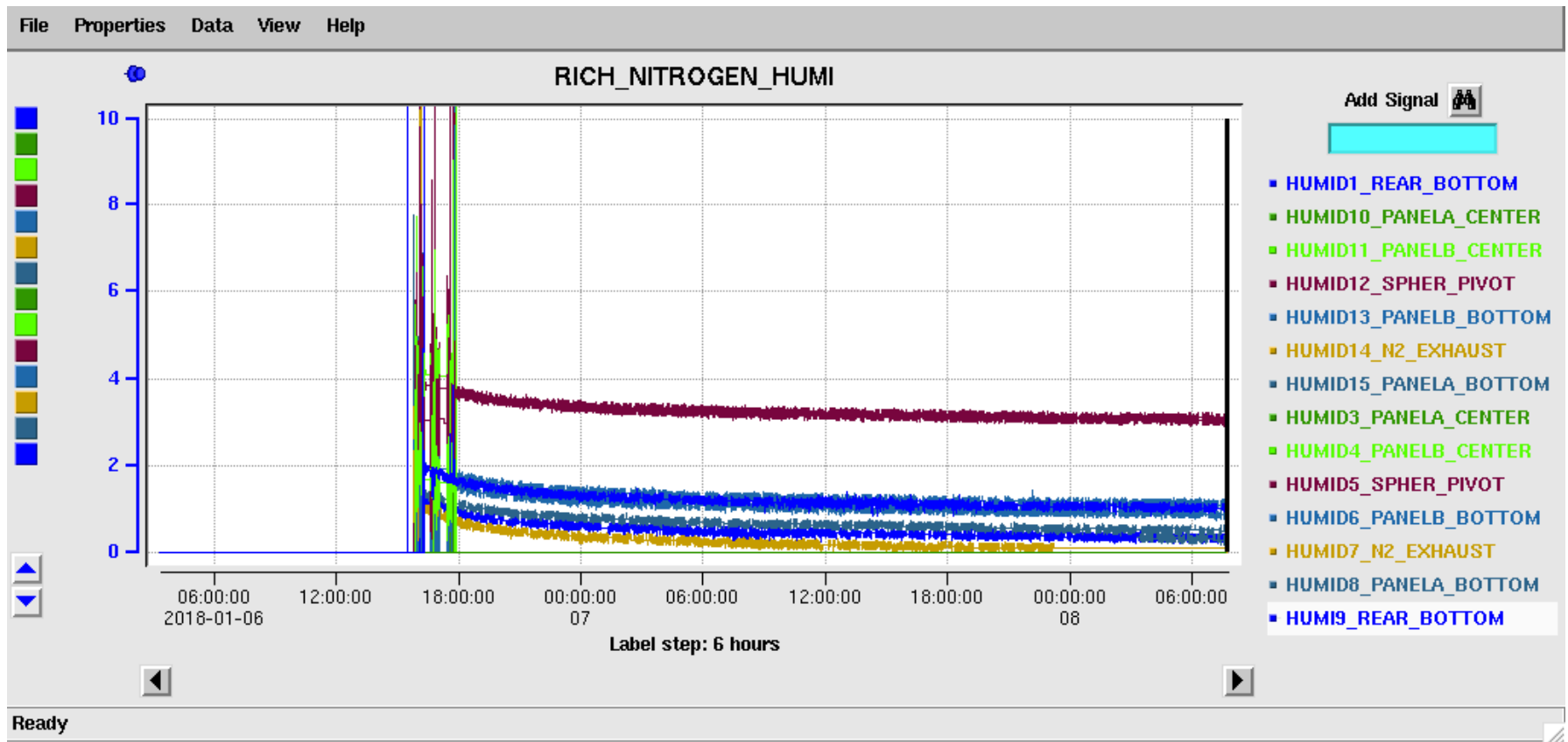
CLAS12 RICH



Inner camera to check aerogel integrity (ERR committee remark)

CLAS12 RICH

FE: power supply/DAQ crates, all cables pre-routed



DSG: cRio in position and humidity under control

CLAS12 RICH



Next steps: patch panels, services, documentation, offline software...