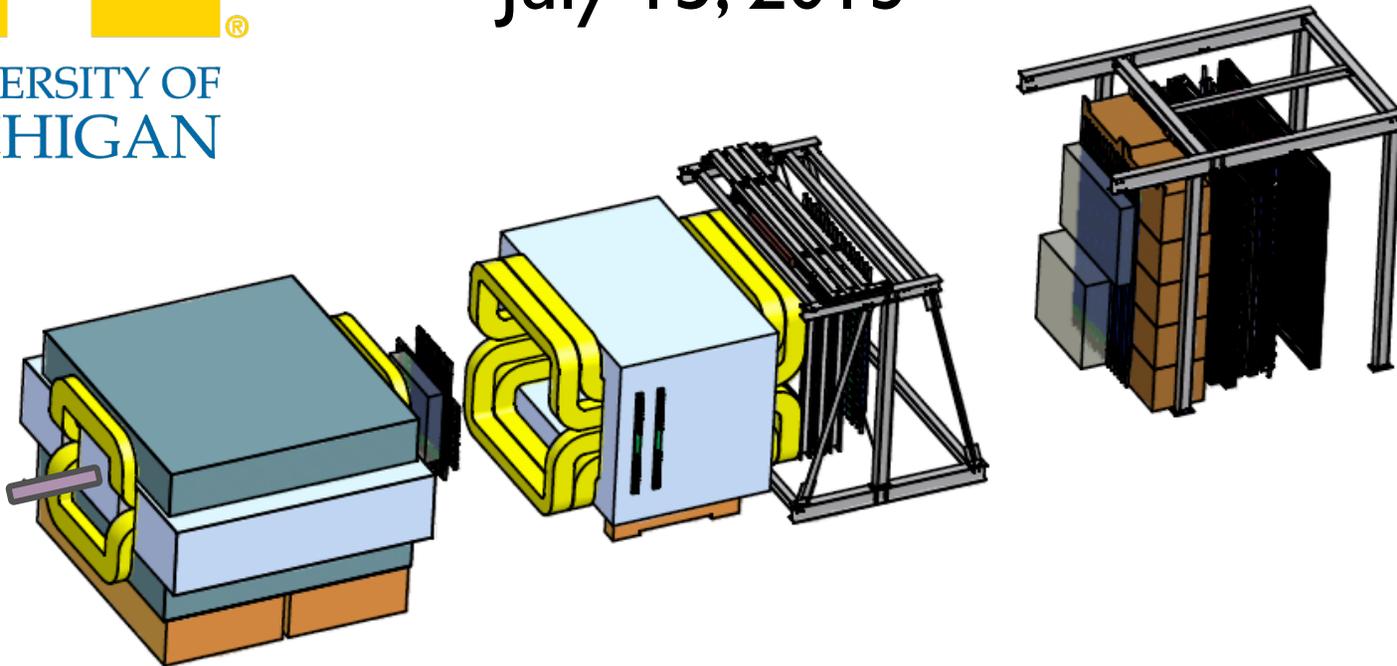


SeaQuest AEM Report



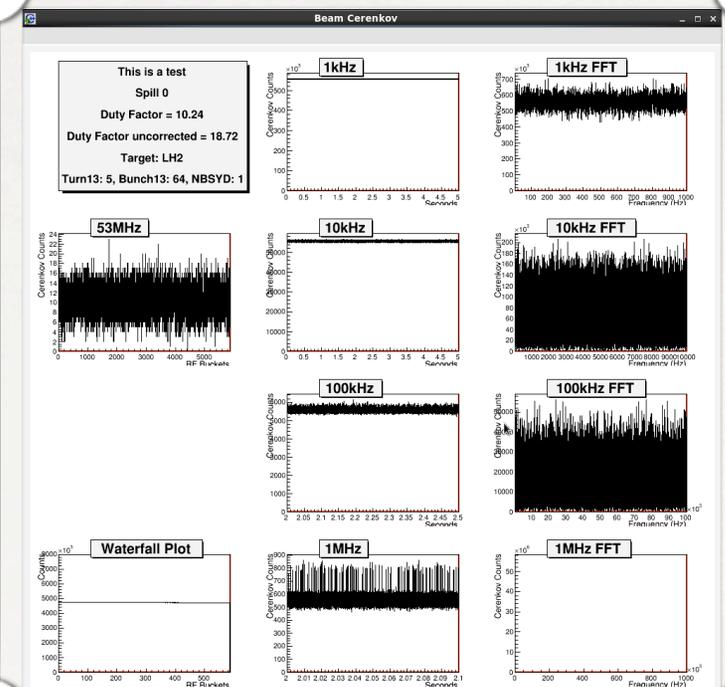
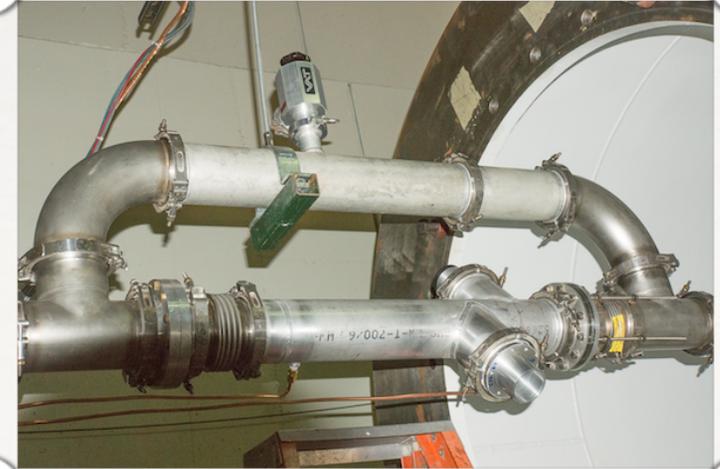
Joshua G. Rubin
July 15, 2013



beamline Cherenkov monitor

bucket-by-bucket intensity measurement:

- beamline component and vacuum bypass installed
- PMT Ready
- QIE readout board assembly in-progress, possibly one unit next week
- Software development underway
 - 200MB/spill data rate
 - FFTs and other analysis to be conducted in real time

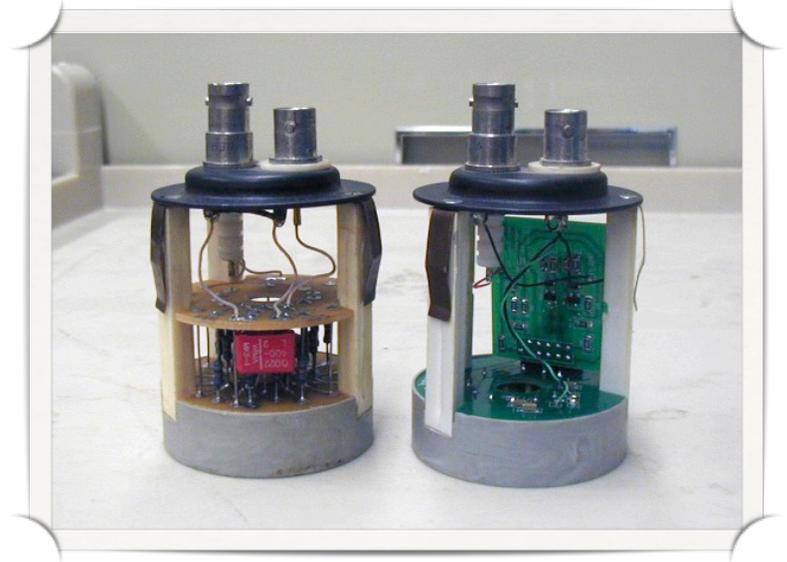
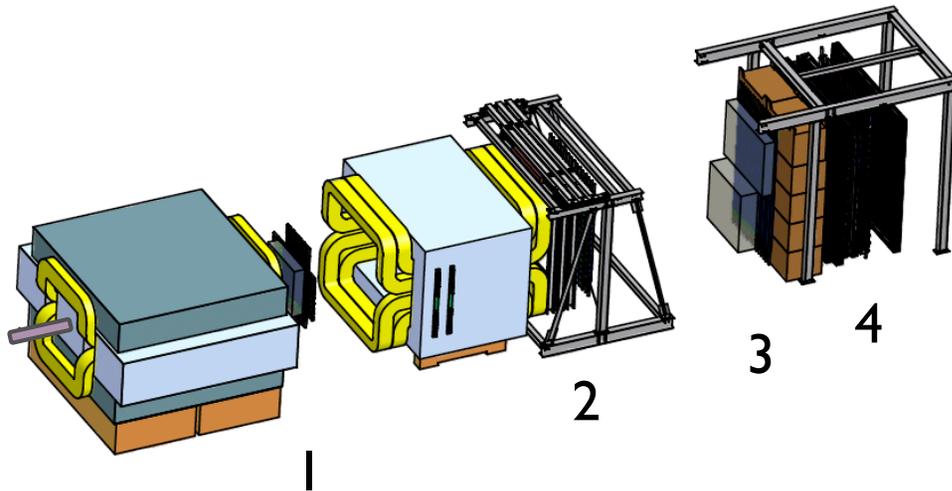


target

- Mechanical pump replaced – all pumps working
- Chiller repaired and leaking electropneumatic valve replaced
- TC gauges replaced with convection vacuum gauges
- Pump-down tests successful
- ***All systems ready – scheduling a cool-down test!***



trigger hodoscopes



Station

Status

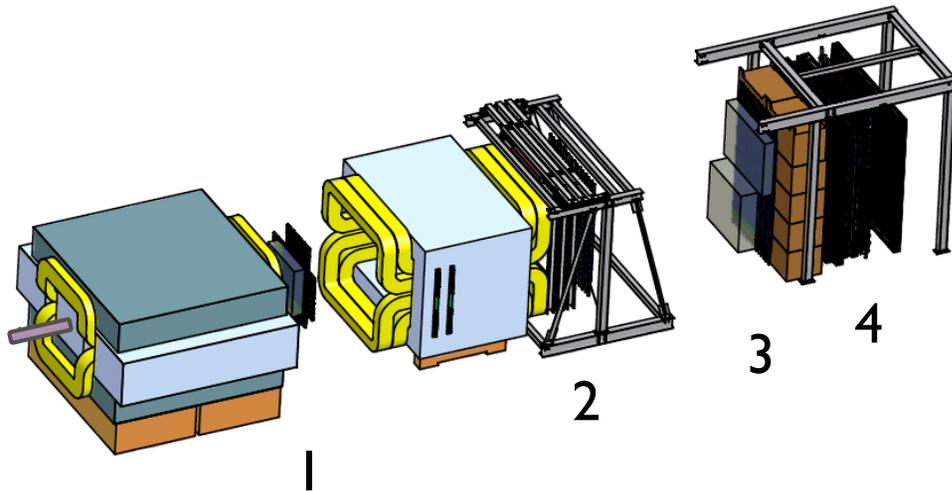
1 + 2

New high-rate bases installed. Gain matching underway.

3 + 4

Mean-timers removed from trigger hodoscopes, clip-lines added, high-voltage levels and discriminator thresholds adjusted.

drift chambers



Station

Status

1	3 views: 'u' in position, 'v' ready to move, 'x' final repairs
2	~in position/ready~
3+	~in position/ready~
3- (upgrade)	high-voltage training... ready to hang

beam pipe

Sleeving:

- Stainless steel pipe cleaned
- Several segments have been lowered into G2 enclosure
- **Sleeving schedule consistent with expectation of beam in NM3 mid August!**