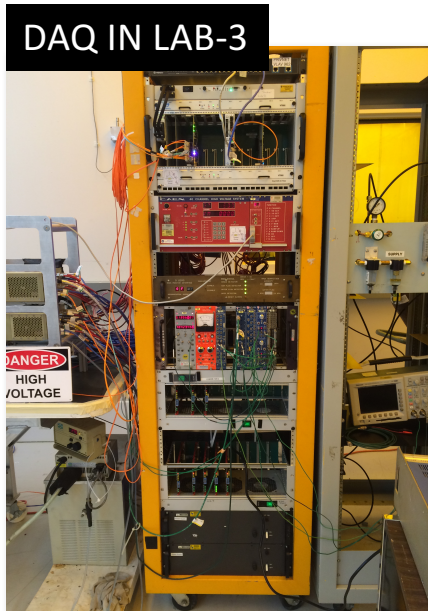




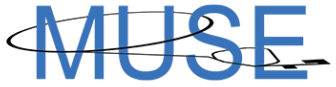
WP1 : g-2 Detectors

Deliverable 1.4 : Tracker DAQ Integration : M17



- DAQ system : tracker + calorimeter already operational in FNAL MC-1.
- DAQ system (tracker only) running in FNAL Lab-3 since July taking several million triggers a day from two detectors.
- In last 2 months work with calo-group to ensure compatibility in MAC/IP addresses and MIDAS commonality and to finalise the TTC signals from the common clock/control system.
- Will do final integration testing with the calo at the collaboration meeting at the start of December.

Expect this work to be complete at the end of this year



WP1 : g-2 Detectors

Deliverable 1.3 : Installation and commissioning of straw trackers : M24

Cosmic stand with 2 trackers has been running in FNAL Lab-3 since July with DAQ collecting several million events a day from cosmics and Fe/Sr sources.

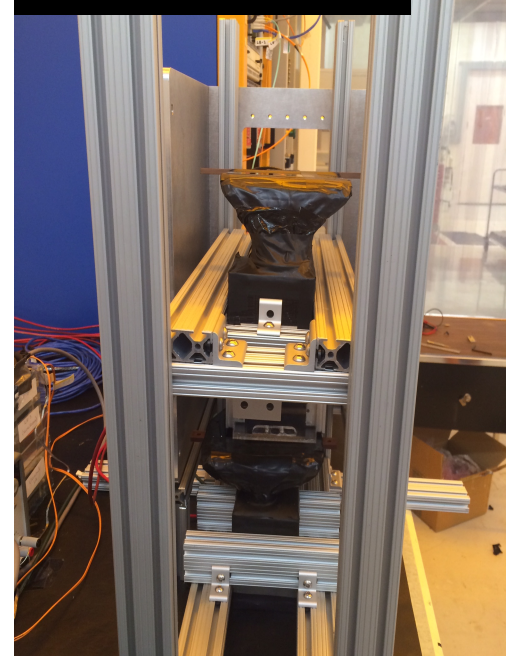
Tracker production proceeding well at Liverpool: next detector arrives at FNAL in 3 weeks.

Leak tested the new straw batch. Rate higher but still OK with regard vacuum.

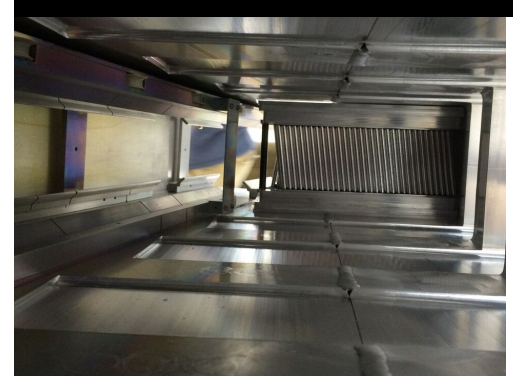
Establishing first tracker in the ring in November to integrate with ring infrastructure and test effect on vacuum and magnetic field.

Commissioning of system with beam expected in summer of 2017 (M18) and anticipate no issues achieving M24 deliverable.

LAB-3 COSMIC STAND



TRACKER IN VACCUM CHAMBER





WP2 : Mu2e Detectors

DELIVERABLE 2.7 : DESIGN OF HP Ge : M27

DELIVERABLE 2.8 : INSTALLATION OF HE Ge & INTEGRATION WITH MU2e DAQ : M48.

Funding proposal for STM has its first in-depth review by funding body (STFC) tomorrow. Subsequent review in January and expect to hear funding allocation in March.

Laura Harkness-Brennan presented the UK STM plans at the Mu2e-CM STM workshop last week.

Design work with BU & FNAL is proceeding and expect this to be complete ahead of the M27 deadline.