SeaQuest AEM

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St. 1: new tracking chamber installation

- Holds 1.85 kV in air.
- Gas box sealed
- Gain tests end of this week

- Transport to SeaQuest end of next week

Shutdown Activities

- Target maintenance
  - Accomplishments:
    - Level sensors replaced and tested
    - Heating circuits replaced and tested (to the extent that they can be while warm)
  - Future accomplishments:
    - Diff pumps replacement on order—should arrive this week
    - Cold head maintenance—this week
    - Vacuum gauge replacements ordered—should arrive this week

- DAQ upgrades
  - LINUX vs VxWorks (essentially complete, needs testing under fire)
  - Buffered readout
    - Development project for polarized target and dark photon measurement
    - Possible “rolling” implementation