

# SeaQuest AEM

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# Shutdown Activities

- St. 1: new tracking chamber installation
  - Currently troubleshooting “slipped” wires
  - Still sufficient time for installation
- Target maintenance
  - Diff pumps removed, one repaired, one replacement on order
  - Vacuum gauge replacements ordered
- DAQ upgrades
  - LINUX vs VxWorks (essentially complete, needs testing under fire)
  - Buffered readout
    - Development project for polarized target and dark photon measurement
    - Will implement if complete
- Equipment tests in magnetic fields
  - Jim Kilmer is using KMag to test vacuum pump for muon campus
  - In progress