SeaQuest AEM updates 4/10/17

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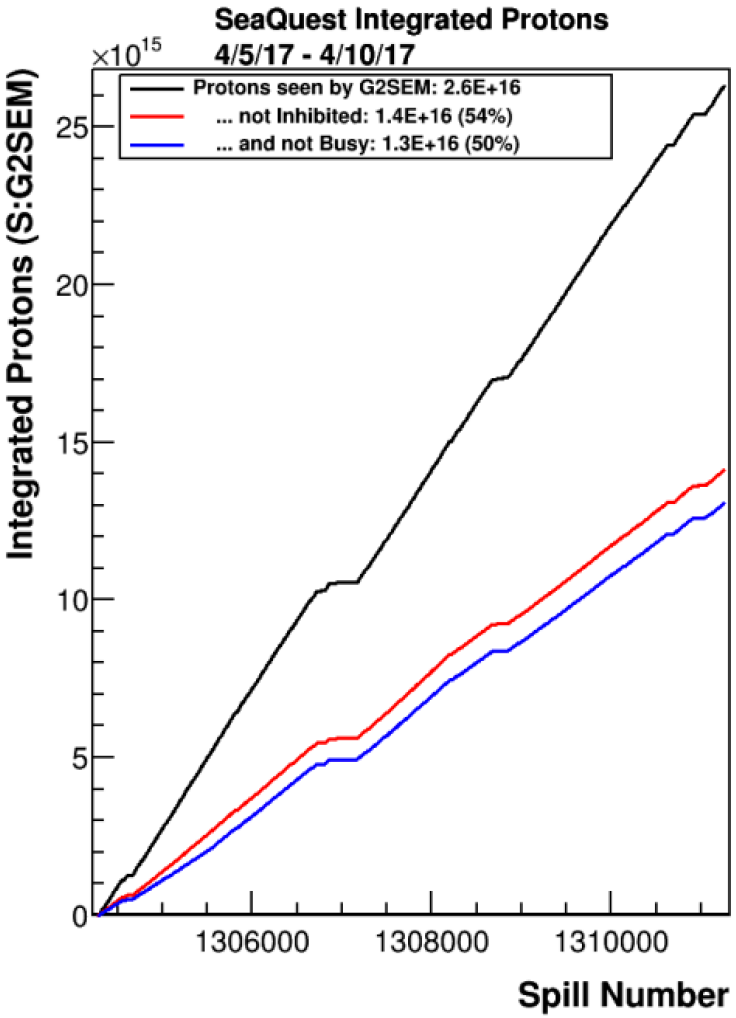
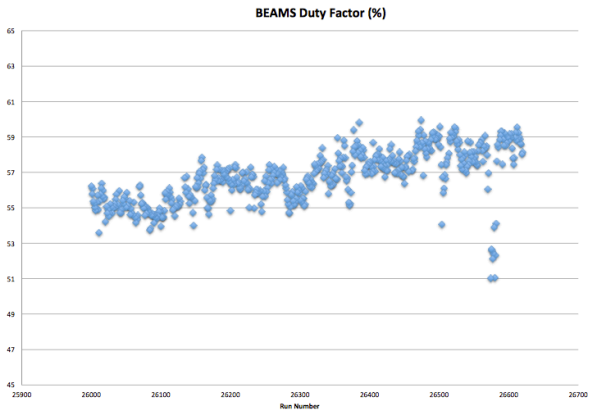
(on behalf of the SeaQuest E906 collaboration)

Beam status

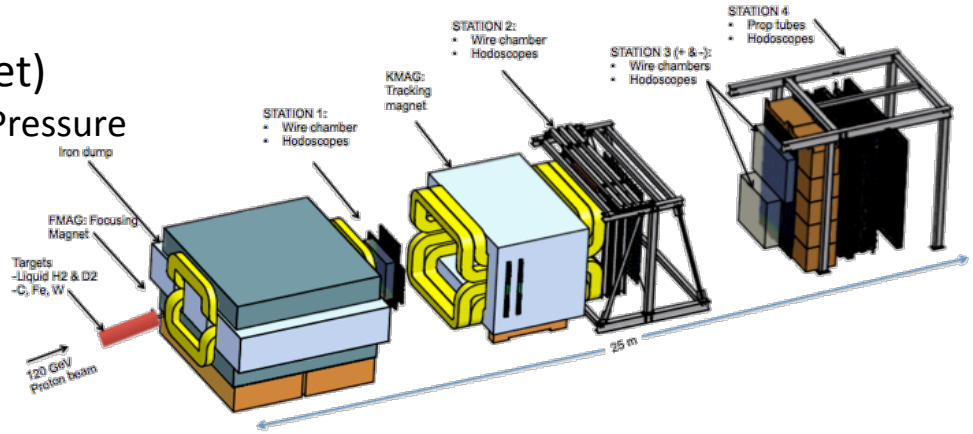
- Beam
  - Looks like the duty factor has gotten better over the last week
  - G2SEM/QIEsum ratio changed over the last week. QIE threshold changed accordingly
  - Mis-steered beam spill this morning (at 4:45 am) caused all chambers to trip. They were all recovered successfully!



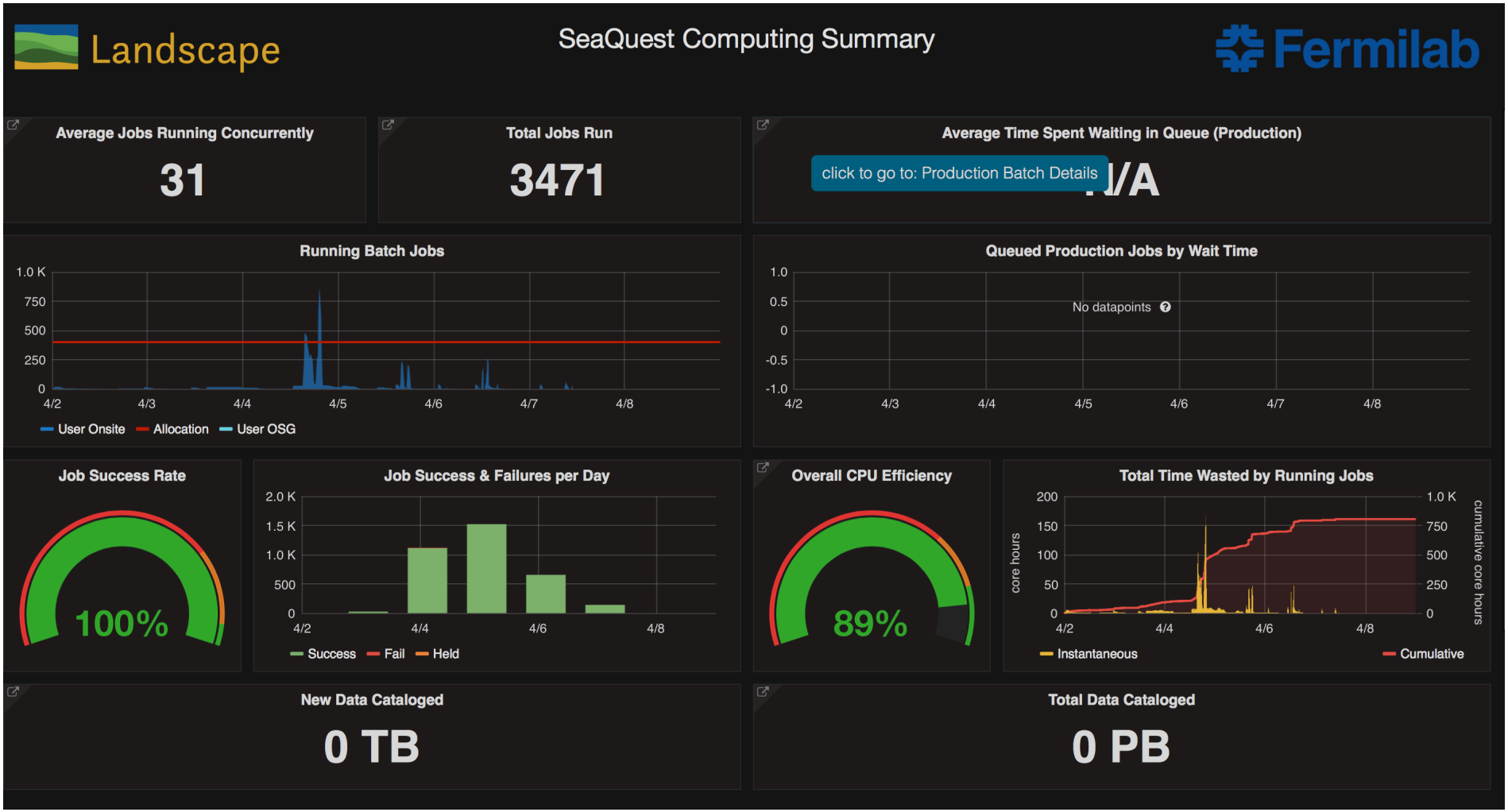


Spectrometer status

- Beam vacuum pipe - stable
- Cerenkov counter - stable
- Target - stable (LH2, LD2, Fe, No target)
  - Sudden spike in the vacuum pressure. Pressure stabilized itself.
- Hodoscopes - stable
- Chambers
  - D0 - stable
  - D1 - stable
    - HV trip quickly recovered
    - ./rampCAEN script sync issue recovered by restarting the program
  - D2 - stable
  - D3p, D3m - stable
- Prop tubes - stable
- Trigger - stable
  - Problem discriminator module replaced
- Online monitoring
  - Local data hard drive replaced with a 4T disk – stable data taking
- DAQ - stable (minor ROC crashes which were quickly recovered)



Computing status



CONTINUE GOOD DATA TAKING!