MicroBooNE Status Report

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AEM Meeting
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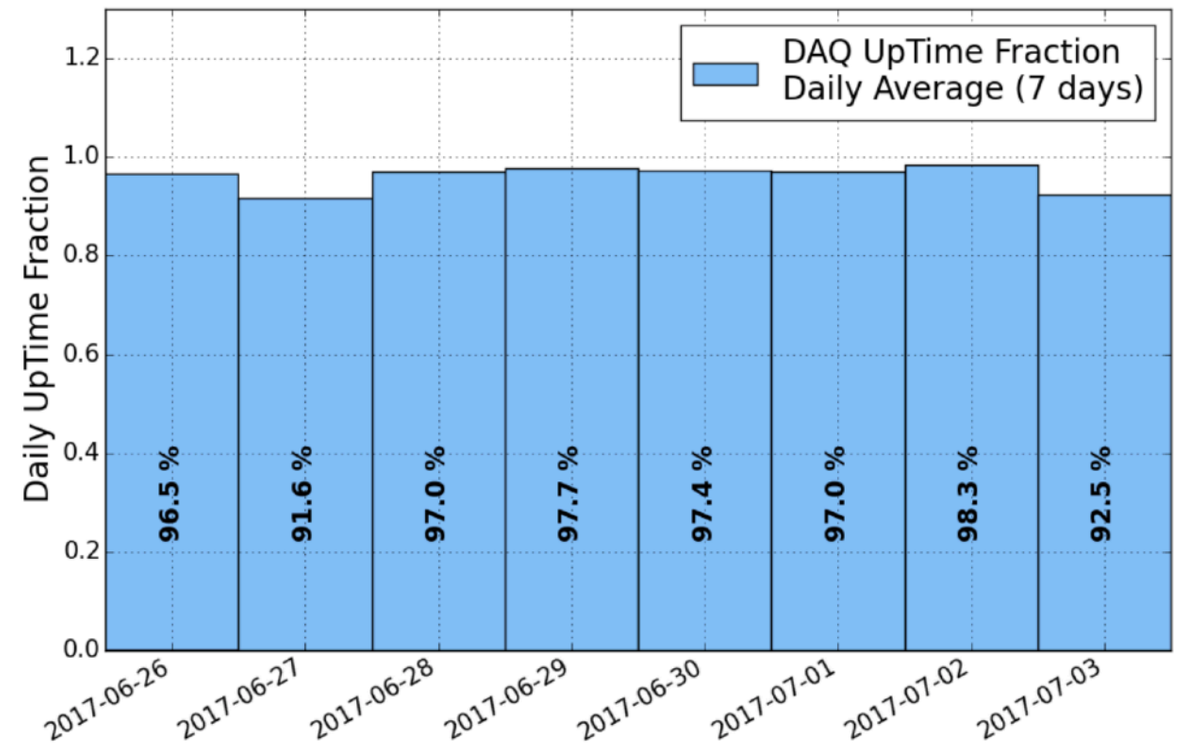
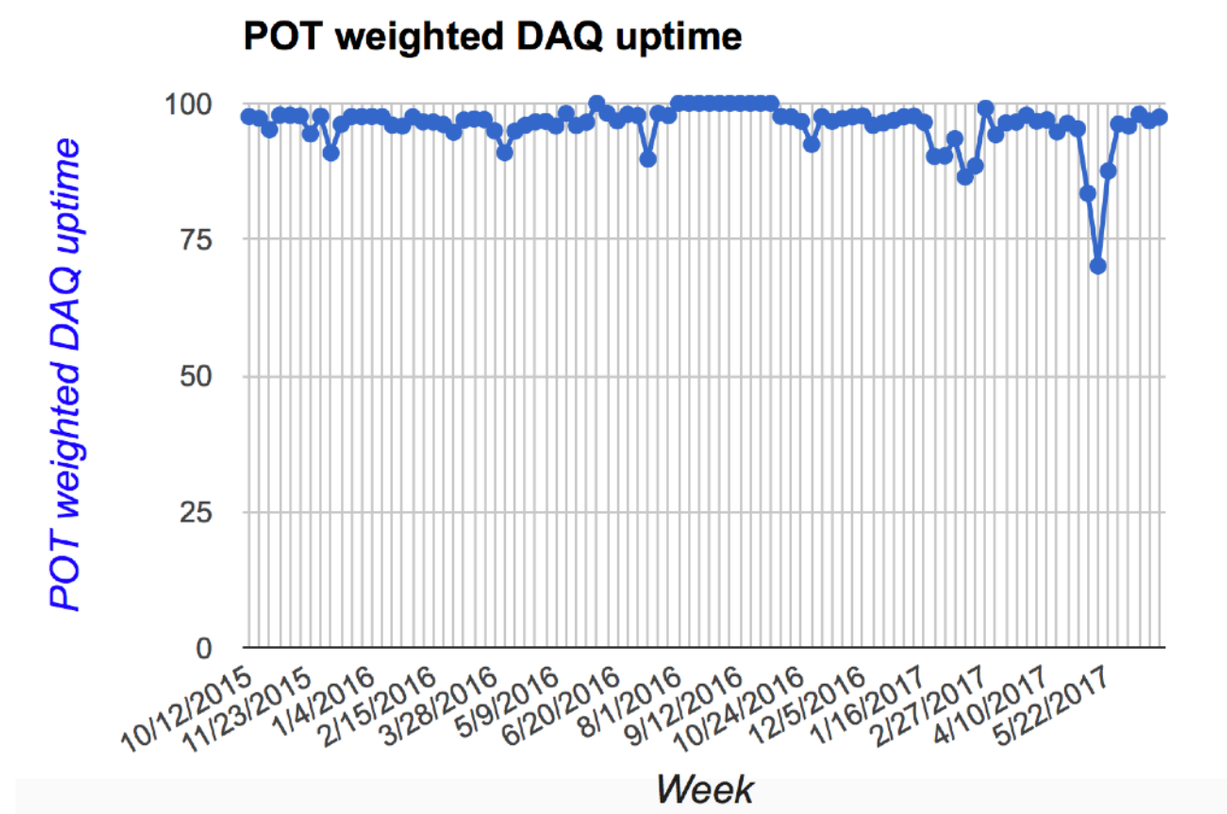
Beam Statistics

- POT weighted DAQ uptime: **97.5%**
- Beam uptime: **89%**

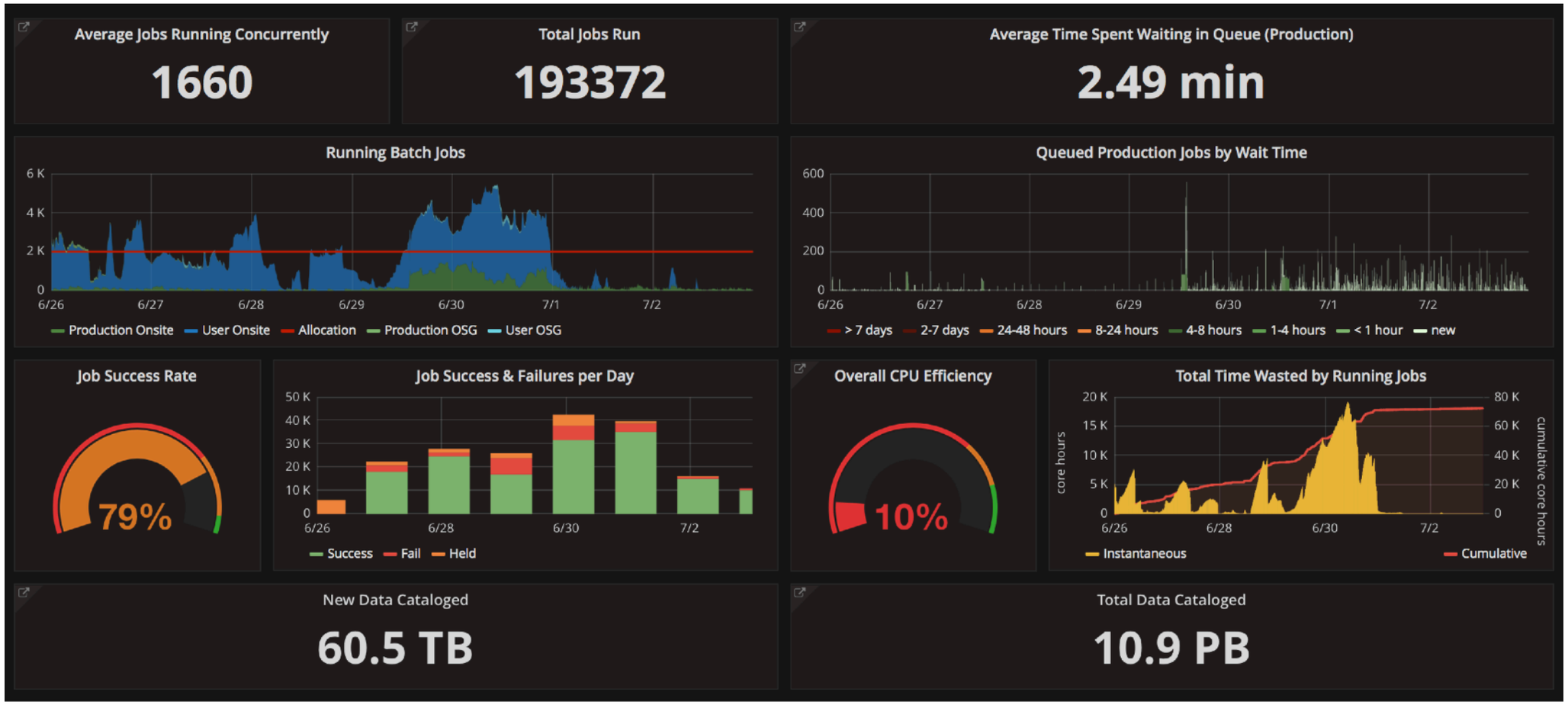
- POT delivered (this week):
  - **8.3 10^{18}**
- POT on tape (this week):
  - **8.1 10^{18}**

- POT delivered (total):
  - **6.8 10^{20}**
- POT on tape (total):
  - **6.5 10^{20}**
- POT on tape, <u>detector on</u> (total):
  - **6.1 10^{20}**





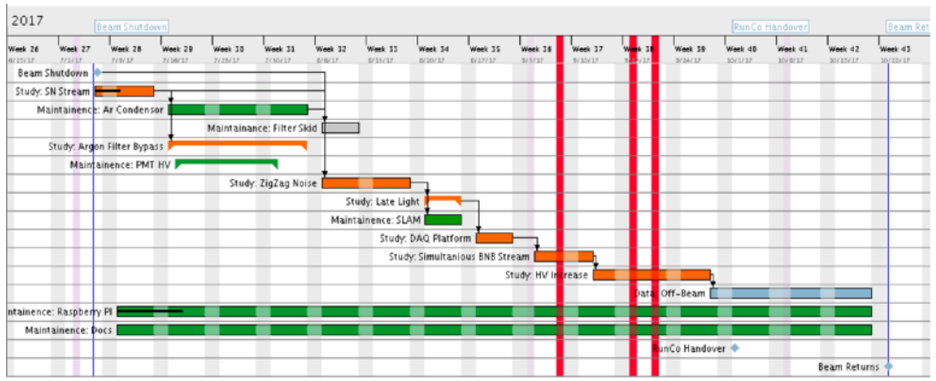
Computing Summary



- Poor computing performances last week due to:
  - A user running for 30000 hours with zero efficiency (production jobs are subdominant)
  - Partial gridftp slowdown/outage on last Thursday/Friday

- Actions taken to solve the problem:
  - The user was contacted and we are planning to hold a tutorial for new analyzers in about three weeks
  - Opened ticket for the gridftp downtime (INC000000865289)

News and shutdown planning



- Shutdown starts on Friday 7th
  - MicroBooNE has a solid plan and schedule:
    - the first week will be dedicated to DAQ related activities, baseline and off-beam data
    - subsequently there will be cryogenics maintenance (follow up after the May power outage issues)
  - MicroBooNE is requesting additional storage for off-beam data at the SPPM next Thursday
    - Goal: improve the cosmic background measurement for the low energy excess analysis after revised sensitivity estimates
- New Run Coordinator team since 1st July:
  - Run Coordinator: K. Wierman (PNNL)
  - Deputy Run Coordinator: P. A. Hamilton (Syracuse)
- A huge thank you to the former RC, David Martinez (IIT, 10^{20} POT collected)

Summary

- MicroBooNE is running smoothly at the nominal HV of 70kV
- Poor computing performances last week: understood and solved. A tutorial for new analyzers will be organized in the next weeks
- We have a clear plan for the shutdown period
- The 18 members of the MicroBooNE Technical Board met last Wednesday (28th June) and gave tons of great feedback on the shutdown schedule
- New RC team in charge since last Friday, 1st July