

MicroBooNE Status

Corey Adams

3/6/17

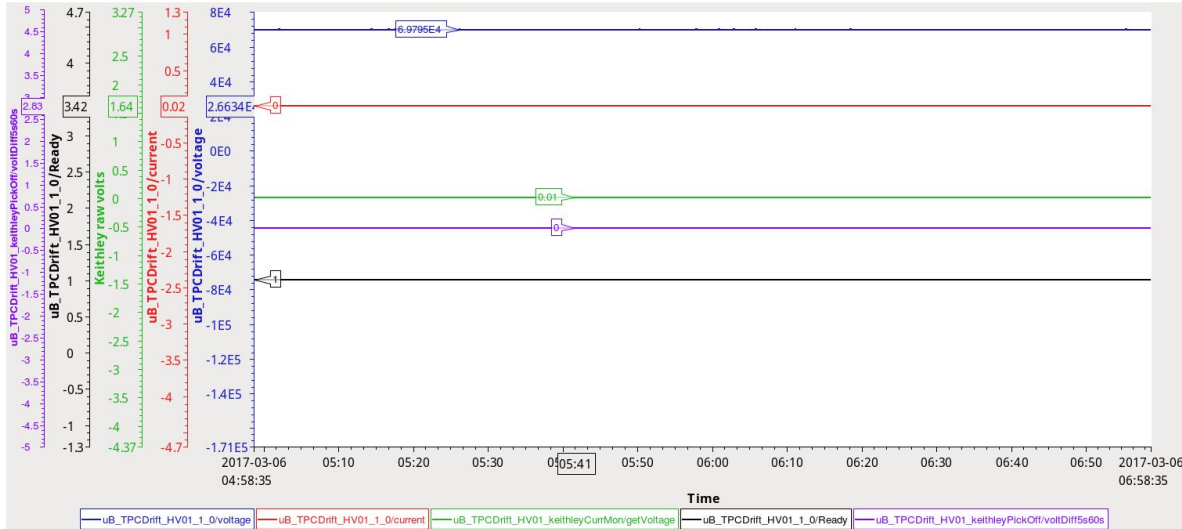
Detector is Operational, ready for BNB

Drift HV system is stable at 70kV.

DAQ is running very well.

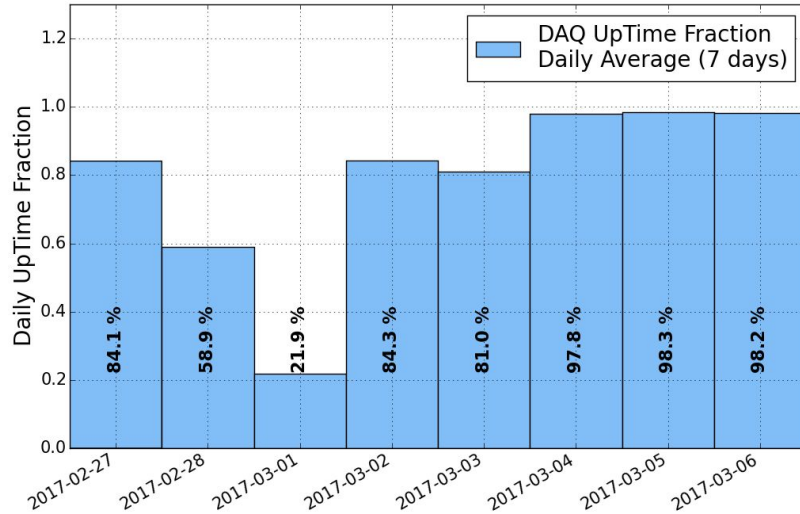
Final commissioning of continuous readout (supernova stream)

BNB off until Wednesday, then resuming normal data taking.



HV Monitoring variables. Uninteresting plot because the system is stable again.

Uptime, Cosmic Ray Tagger



Uptime returned to nominal levels over the weekend.



Support structure for Cosmic Ray Tagger top panels built during BNB Horn 4 testing.

Computing Summary - production push starting

Average Jobs Running Concurrently [↗](#)

1531

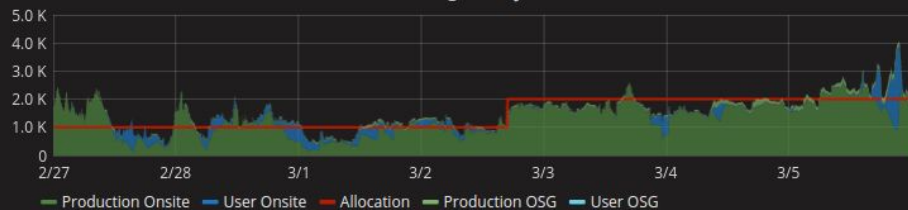
Total Jobs Run [↗](#)

238222

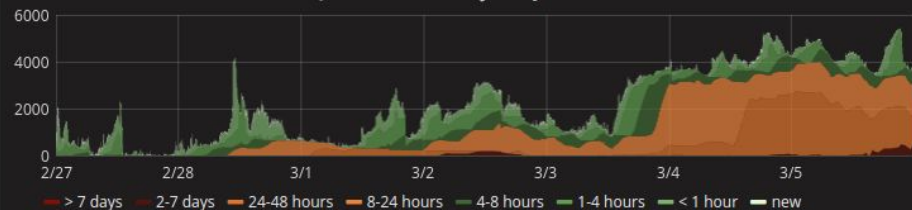
Average Time Spent Waiting in Queue (Production) [↗](#)

1.725 hour

Running Batch Jobs



Queued Production Jobs by Wait Time



Job Success Rate



Job Success & Failures per Day



Overall CPU Efficiency [↗](#)



Total Time Wasted by Running Jobs



New Data Cataloged [↗](#)

244.2 TB

Total Data Cataloged [↗](#)

7.2 PB

Summary

- MicroBooNE has resumed operations after 4 weeks of downtime.
 - We have demonstrated HV stability for the past week with only one interruption (power outage for MSS changeover).
 - **We are very grateful for the help and support from many Fermilab personnel.**
- Beam returns Wednesday and we are ready.
- CRT Top Panels will be installed soon and the system will be commissioned this month.
- Next week, the collaboration meets in Cincinnati for our annual offline software and analysis retreat.