The MINERνA Operations Report
All Experimenters Meeting

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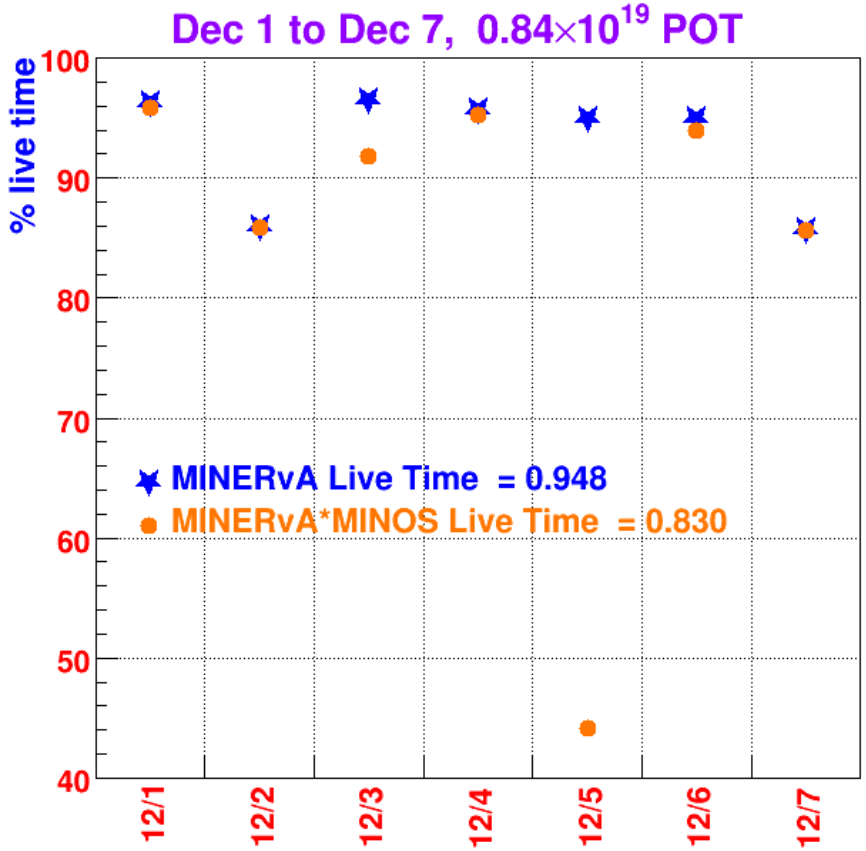
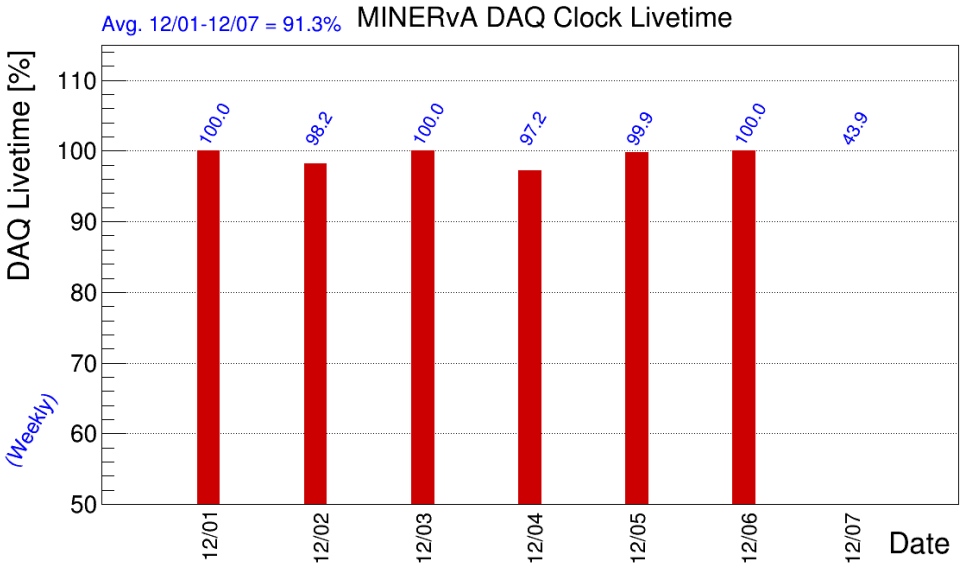
Dec 12, 2016

ν Data



- Live Time – Dec 1-7 2016
- 0.84×10^{19} POT
- MINERvA 94.8% live
- MINERvA DAQ 91.3% live
- MINERvA*MINOS 83.0% live

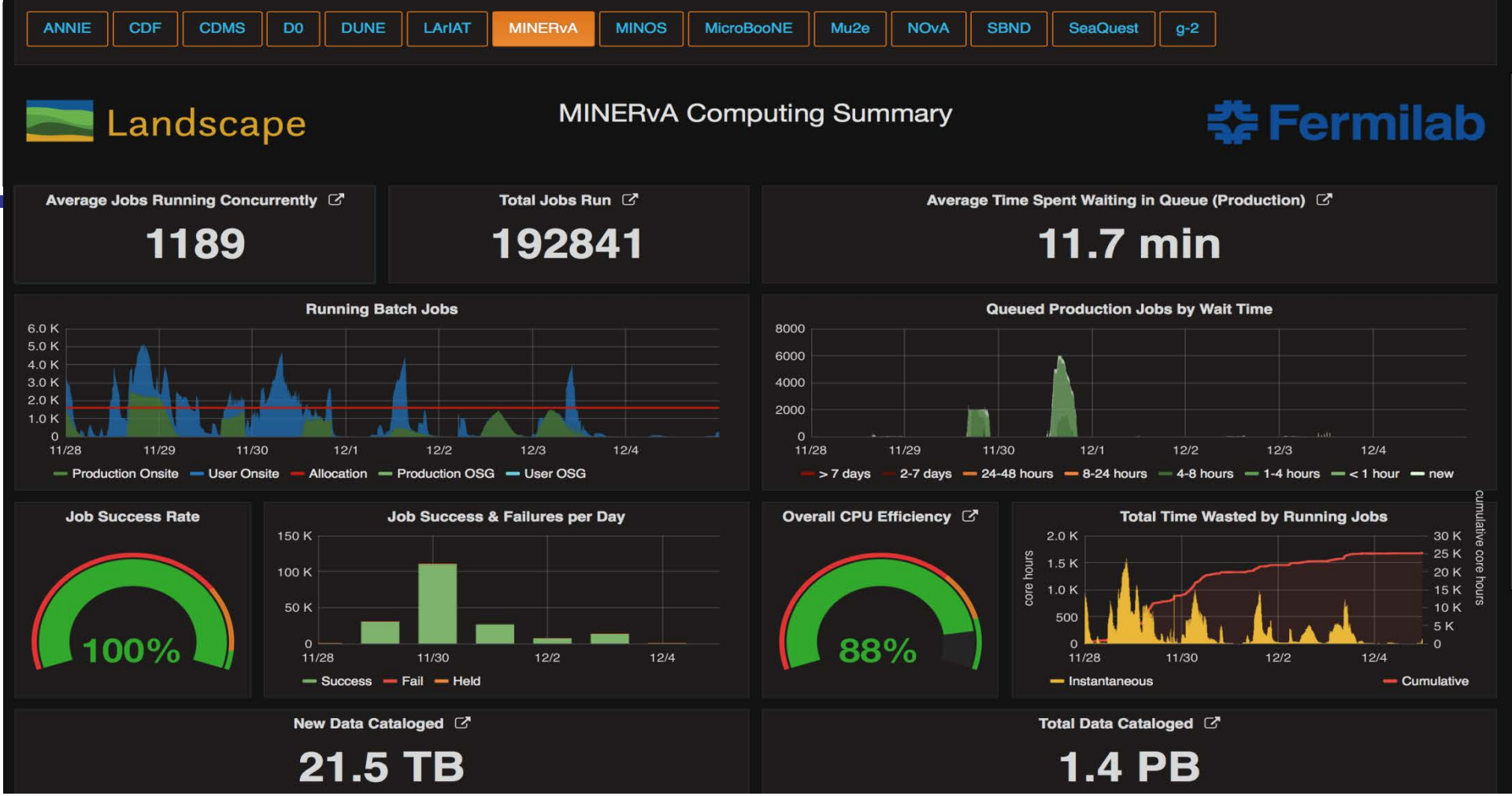


ν Data

- Dec 3 - 95% MINOS live.
  - MINOS DAQ stopped; it took a while to get it going.
- Dec 5 - 46.5% MINOS live .
  - The CPU of one of the MINOS DAQ computer died. It took most of the day to switch over to the hot spare.
  - Thanks to Bill Badgett, Donatella Torretta, & Steve Hahn of the ND & the SLAM group.
  - The CPU was replaced on the computer that died, and it is now underground as a hot spare.
- Dec 9 - MINOS
  - The ND chiller tripped off due to a glycol leak, but the temperatures did not get high enough to cause a problem in MINOS.

ν Data

- Dec 1-7 - 94.8% MINERvA POT live
  - Not clear why our live times were lower. As seen from the DAQ live time plot, they should have been higher. The slightly lower DAQ live times are due to 1 hardware error & 2 times where the DAQ stopped without a hardware error. These problems were quickly resolved. We are investigating the lower POT live times.
  - Dec 7 – 85.6% MINERvA live
    - The lower DAQ live time on Dec 7 was due to switching the DAQ computer from mnvonline06 to mnvonline05 as a test, but this does not explain the lower POT efficiency.



- Period 12/05 - 12/12.
- Average concurrent jobs are lower than quota.
- Success Rate is very good.
- Efficiency is slightly low. Appears to be a production inefficiency. Working with the production team to figure out what happened.