

The MINERvA Operations Report

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for the MINERvA Collaboration

All Experimenters Meeting

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❑ Timing Issues:

- A couple of weeks ago a chain started giving errors which caused the DAQ to stop or skip to a new subrun.
- Performed more tests with the configuration file this week. The DAQ has been running smoothly for last few days.
- We are still trying to determine the source of the error.

❑ DAQ Computer:

- MINERvA specific software is installed on the spare DAQ computer after it was reformatted
- Will work on it after detector issues settle down, very little down time needed to switch computers

❑ Control Room Computer:

- Main shift computer kernel crashed and locked all network traffic. Thanks for the help from the SLAM group.
- The nodes are unlocked and the machine is back to normal.

Updates

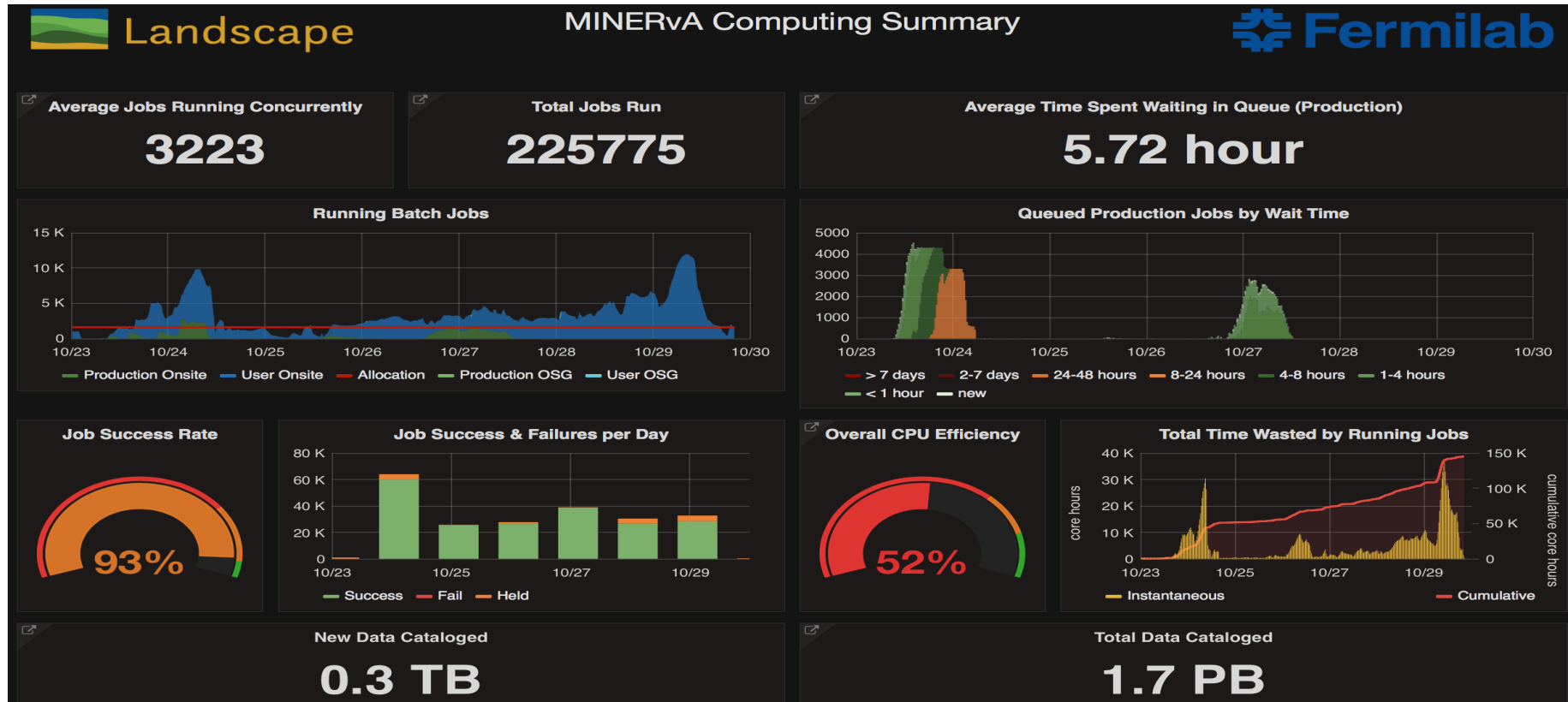


❑ MINOS:

- Bad channel report script was not working, received help from MINOS experts and it is working again.

❑ MINERvA and MINOS are ready for beam

- Detectors are ready to take beam
- Will continue to work on the remaining issues and developments, mostly non invasive or need vary little down time and will complete opportunistically
- We are resuming the normal shift operation this week



Period 10/23 - 10/29, 2017

- Average concurrent jobs are higher than usual, ~3200 jobs: mostly users' analysis job to prepare collaboration week
- Job success rate is good, but overall CPU efficiency is relatively low (52%) due to several users' analysis jobs
 - Too many jobs connect MINERvA conditional database at the same time



Thank You