MINERvA Operations Report

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All Experimenters Meeting
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UPDATES

- ❑ DAQ Computers:
  - Spare DAQ computer is reformatted, installation of the DAQ software and configuration are on going.
  - We used Lab-F test stand to perform software test before testing on the spare DAQ computer

- ❑ Timing Issues:
  - Chains 1-5-1 and 0-4-0 are having timing issues which are throwing errors.
  - Software reset and power cycle didn't help.
  - For chain 0-4-0, we changed the length of the cables to test the timing, but was not very successful.
  - We will perform more tests with the cable length and the configuration file this week.

- ❑ There is a leak in the roof above chain 0-4-0, new drip pans are being fabricated and will be mounted soon.

- ❑ Nearline Issues:
  - Nearline computer crashed due to space issues, the data cleaning script stopped working
  - Minor bug fix, after cleaning the machine and restarting all the process, everything is back to normal.

Run 73625 10/12/2017 16:26

Current QIE singles rate

TP reporting per-menu singles rates
Crates 0 and 1 shown at 1/4 scale
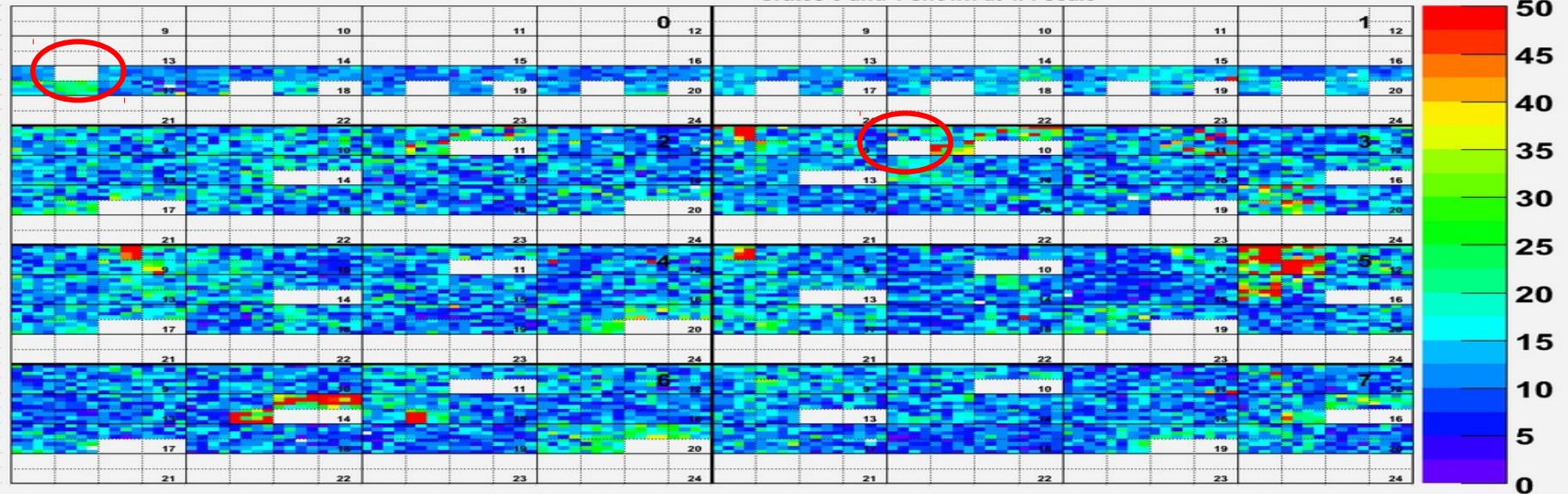
MINOS
- We have replaced following Minder boards having CAPID errors:

Bad channel address	physical address
0-17-3-07	FE-U13-13
2-11-2-06	FE-U9t-04
2-19-1-06	FE-U7t-09
6-09-2-03	FE-U3b-08
3-10-2-05	FE-V9b-16
3-20-2-03	FE-V7t-16

- Minder boards 0-17-1 and 3-10-2 found dead.
- 0-17-1 board was fine, had to replace the Master board.
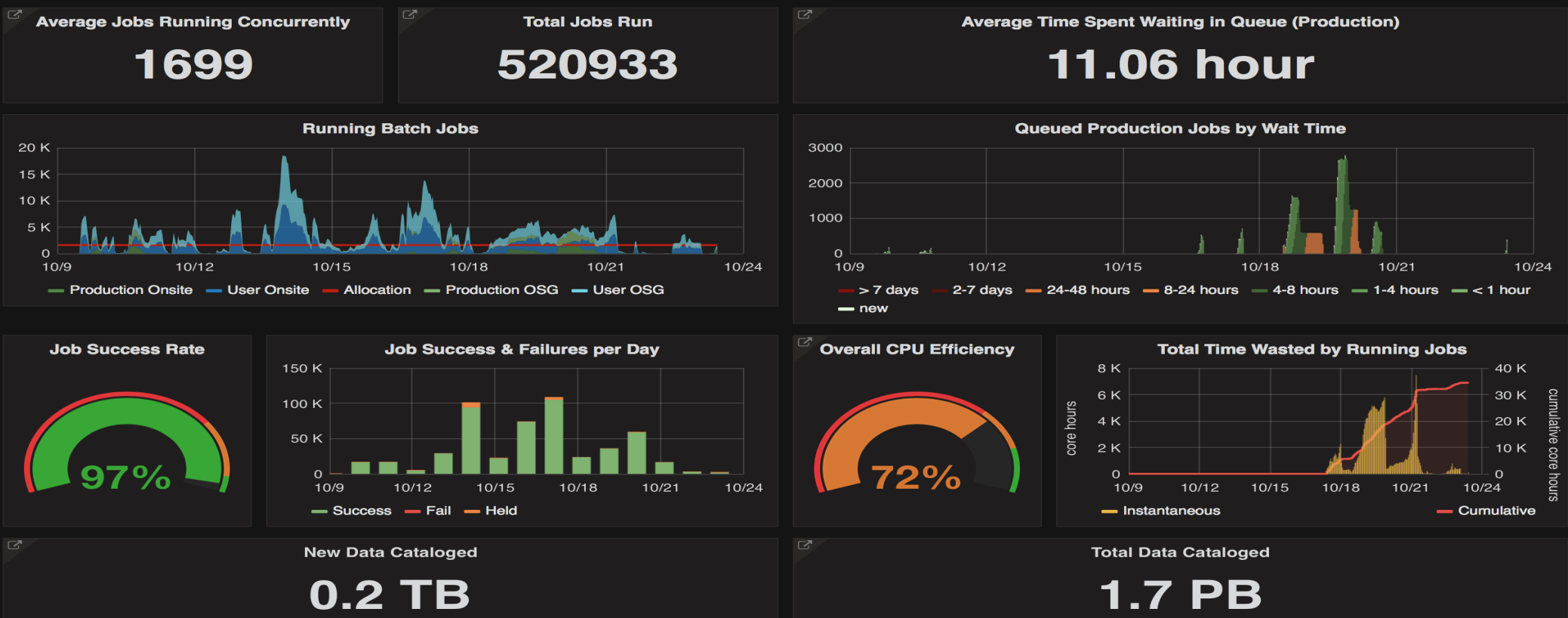
Period 10/09/2017 - 10/23/2017

- Average concurrent jobs are around quota

- Job success rate is good and overall CPU efficiency is slightly low (72%) due to user's analysis job on 10/21/17
    - CPU efficiency report was deployed on 10/19 → Overall CPU efficiency only reflects after 10/19

- MINOS keepup and MC production had an issue (library and enviroment setup) with new Grid system, which was resolved last week

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Backup

Run 73646 10/13/2017 14:38

Current QIE singles rate

TP reporting per-menu singles rates

Crates 0 and 1 shown at 1/4 scale