



NOvA experiment report

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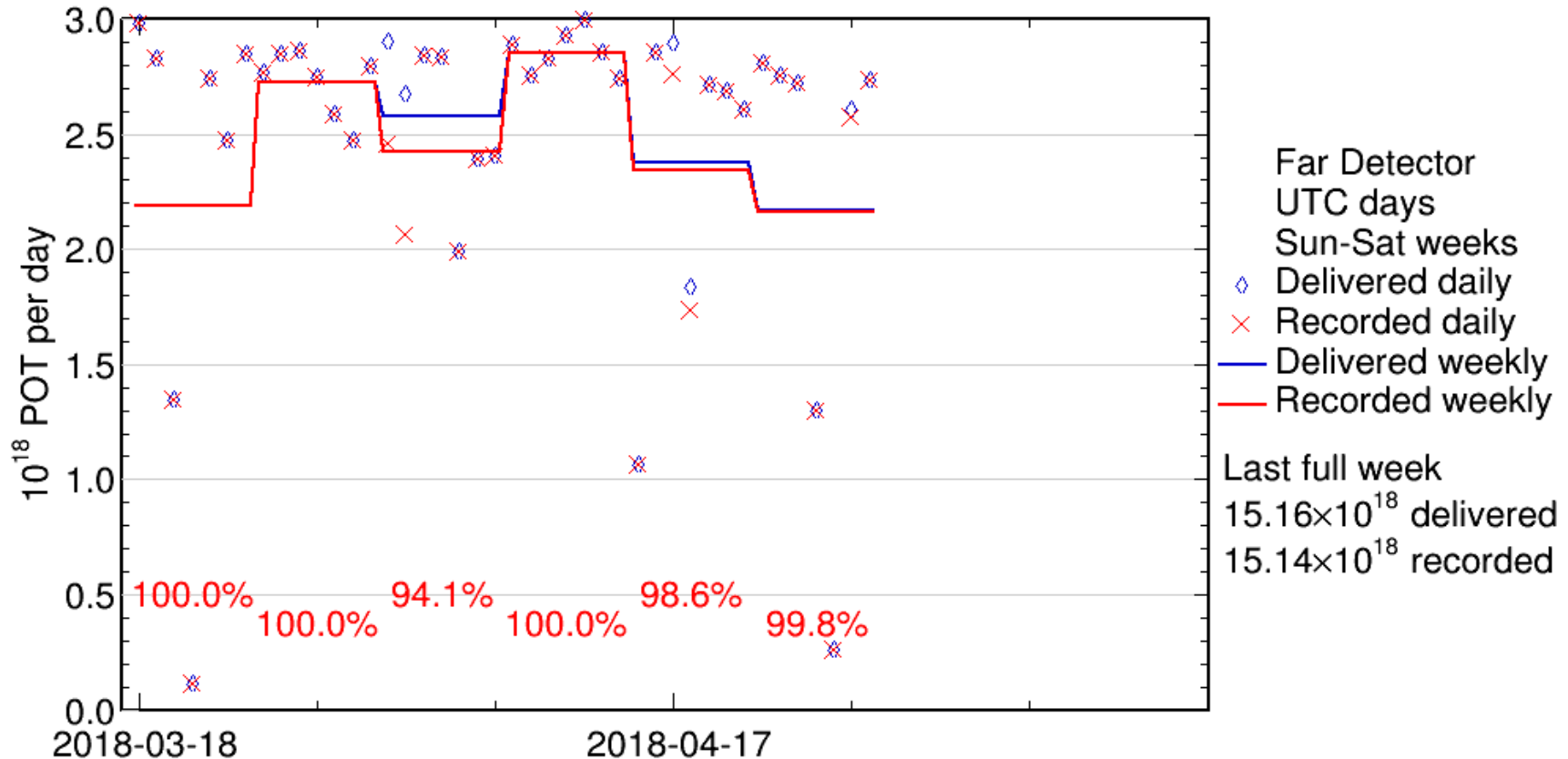
30 April 2018

Summary

- During the two-day beam downtime this week:
 - Successful far detector maintenance including
 - Serviced one of our two drier units
 - Replaced 8 FEBs
 - Investigated and resolved a potential nitrogen leak
 - Training of new DAQ on-call experts including, pedestal runs, rebooting a large portion of the far detector cluster and scrubbing the timing systems
- Otherwise stable running in both detectors

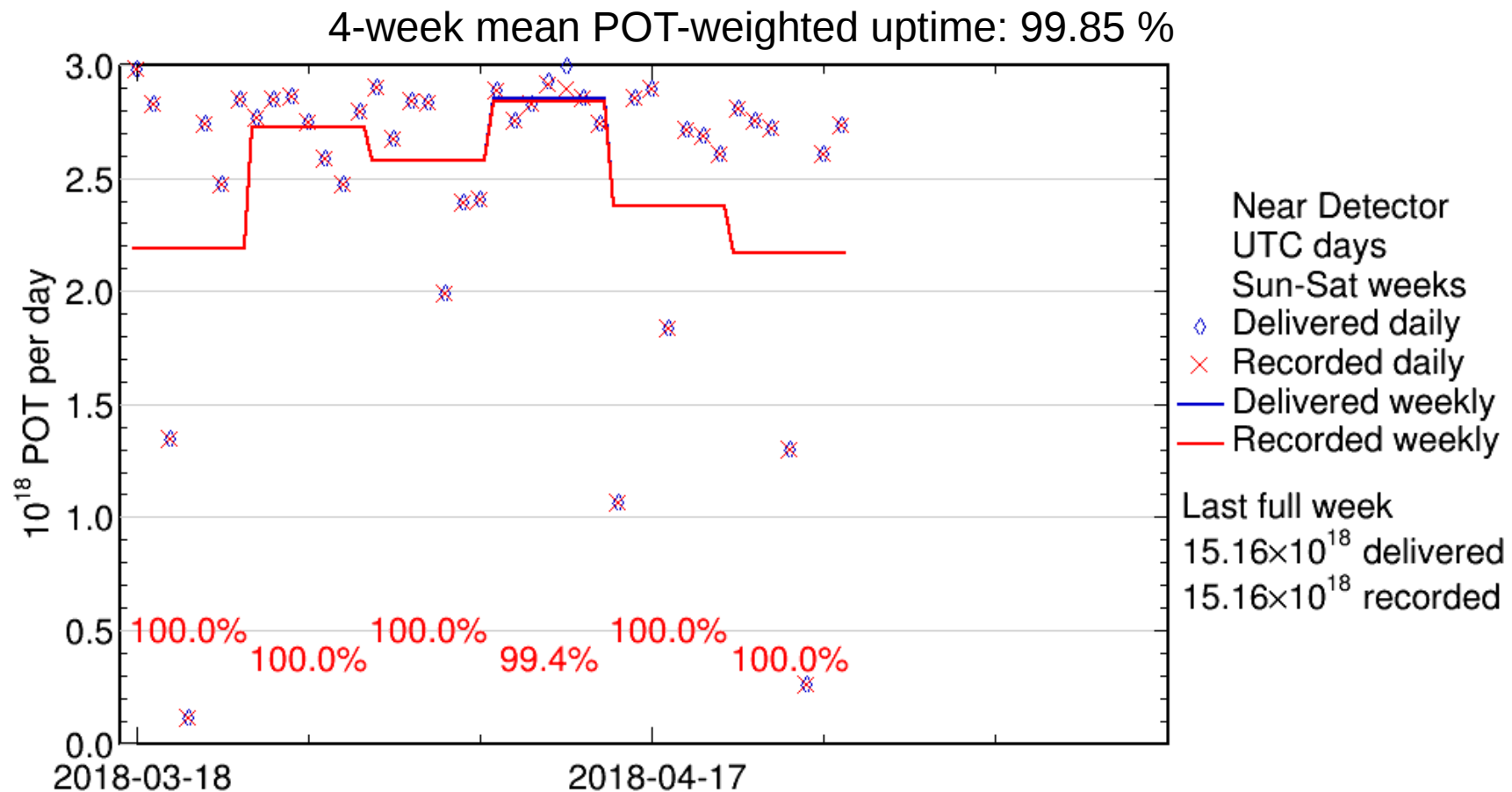
FD summary

4-week mean POT-weighted uptime: 98.13 %

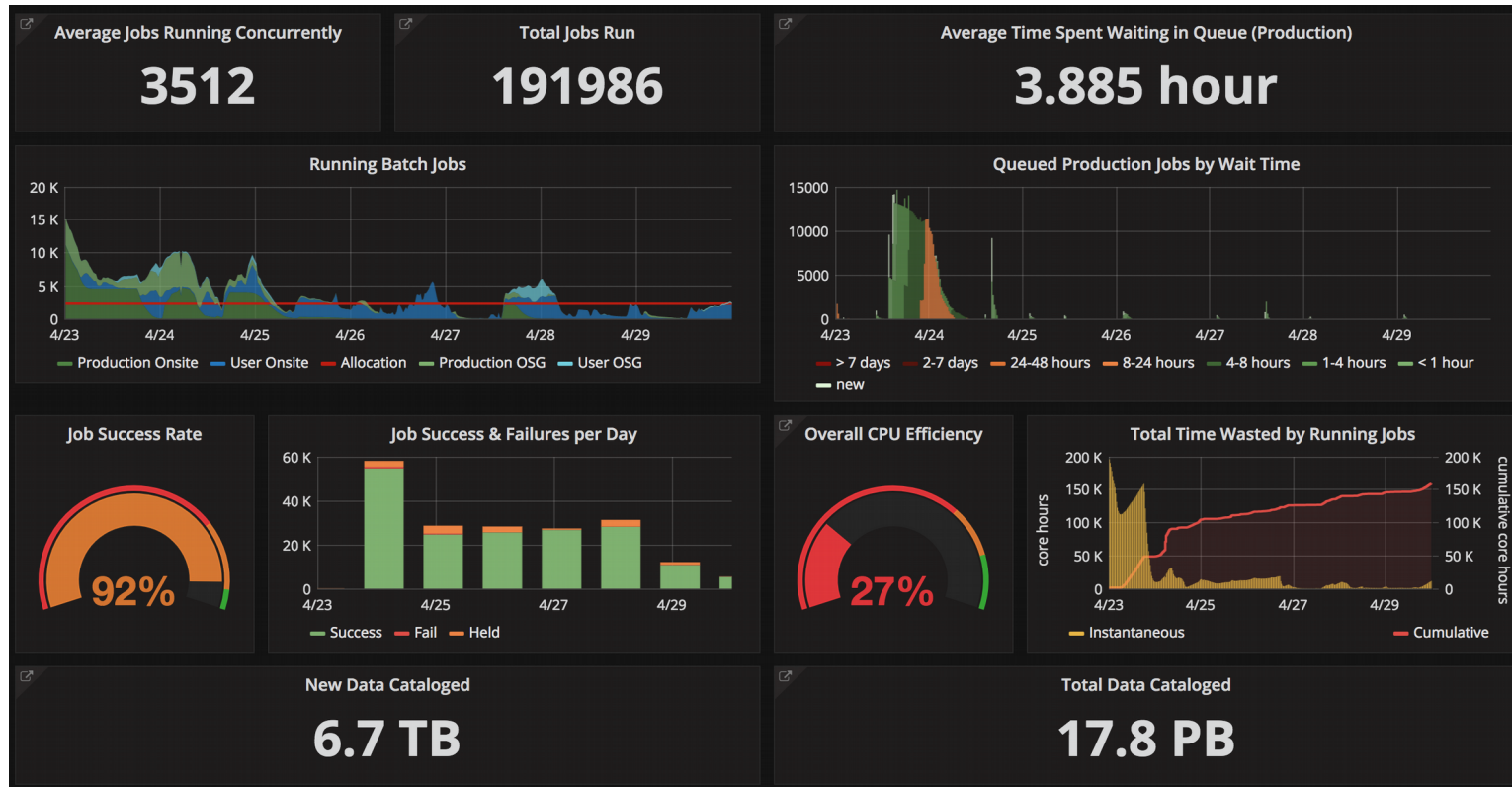


- FY18 POT: 3.62×10^{20} delivered | 3.56×10^{20} recorded
- Total neutrino mode POT recorded: 11.46×10^{20} (8.85×10^{20} 14 kt equiv.)
- Total antineutrino mode POT recorded: 7.36×10^{20}

ND summary



Computing summary



- We are processing the last few systematics samples for our results to present at the summer conferences.
- Low efficiency driven by a necessary production work flow whereby very short processes were run over most of the winter campaign dataset. Most of this work was performed on 23rd April.