

NOvA Experiment Status

All Experimenter's Meeting

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Operations – Summary



□ BEAM:

- Slip stacking 2+6 continues with higher intensity (>400 kW).
- NuMI Horn off run since Sun 14, 10 pm, continuing.
- The decision: NearDet kept running, FarDet not so important.

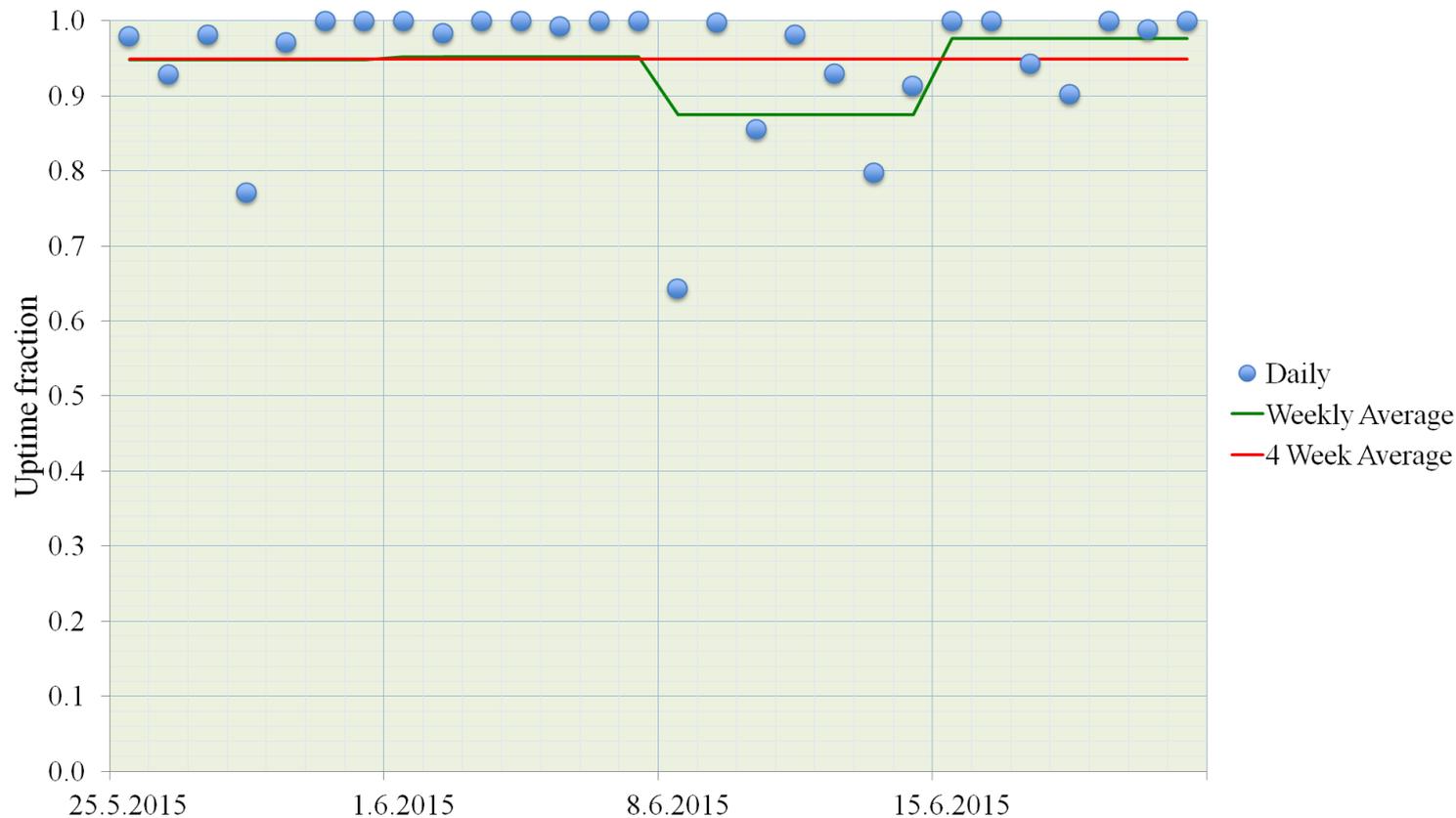
□ NearDet:

- During beam shutdown replaced some electronics (APDs).
- Spill Server issue, simply recovered.

□ FarDet:

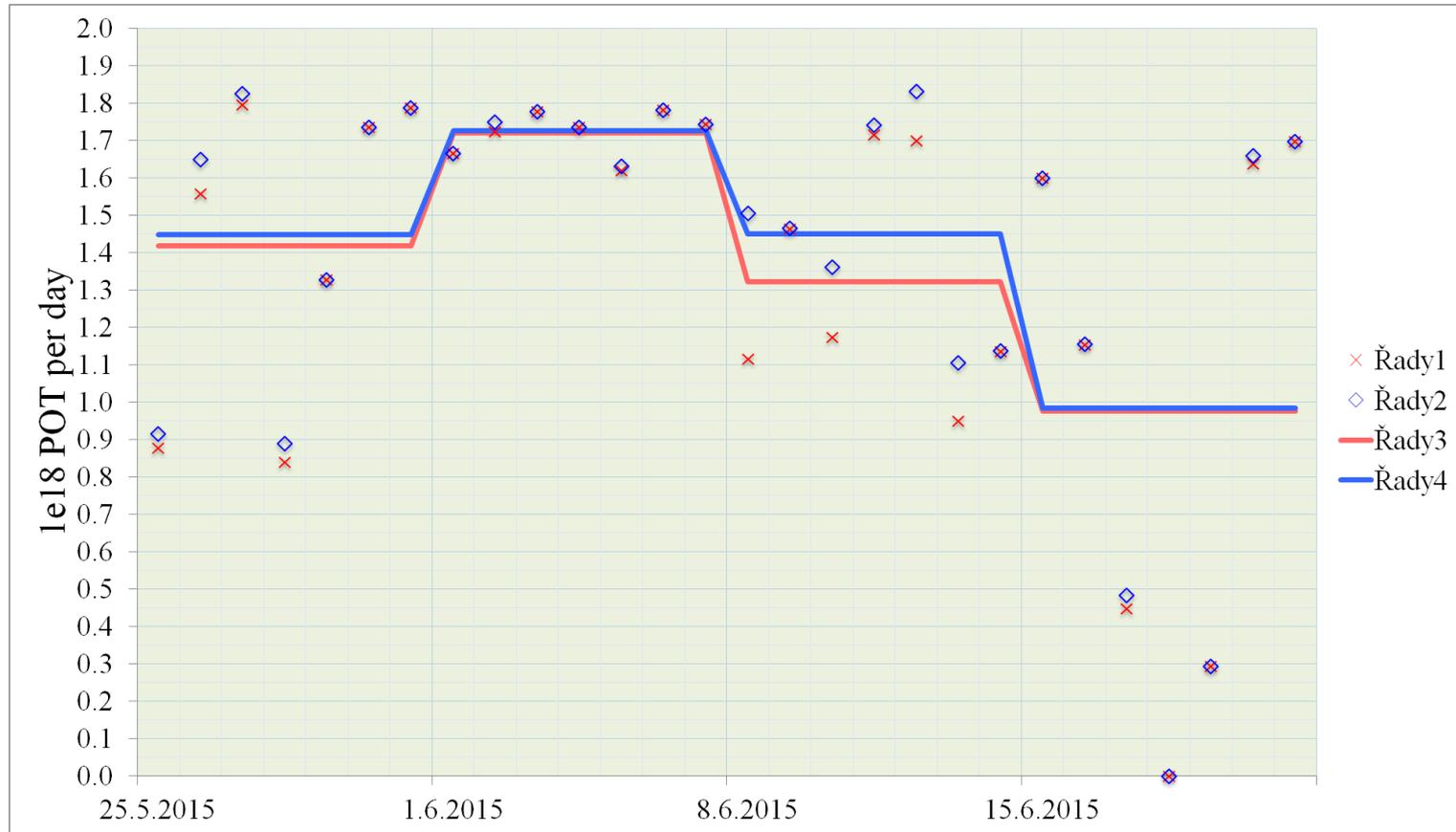
- Good week, of course in case beam running in horn-off mode.
- Today installed the polar roof to help stabilize the A/C in the Computer room at Ash River. Still need watching/tuning accordingly how the rack temperature and air flow behave.
- Only short single DAQ issues last week.

FD: Data taking Uptime



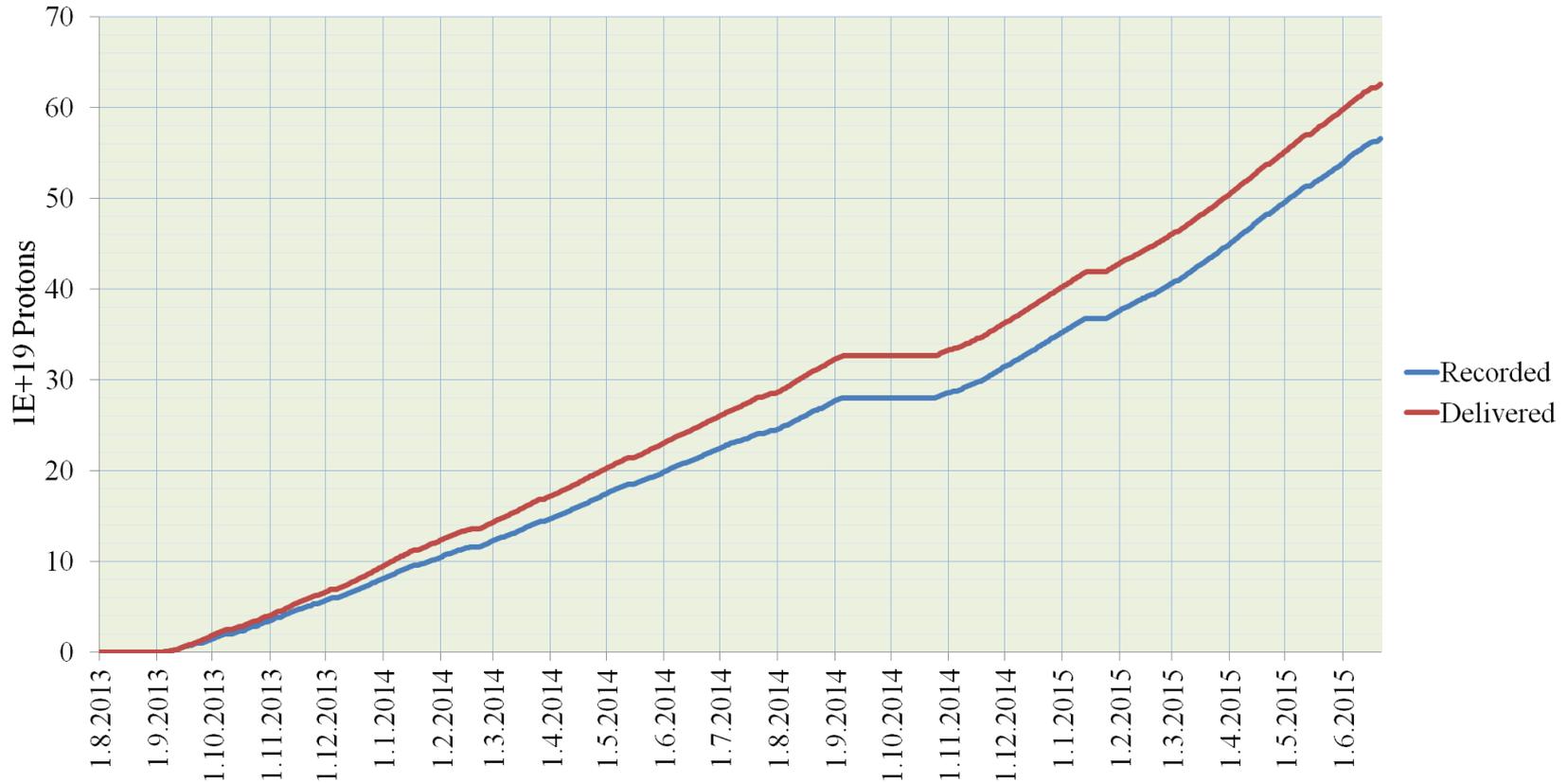
- Last week running uptime efficiency was 97.6% (4-week average 94.9%).
- 3 hours (of 4h total) of the data taking downtime when beam down.
- Only short single DAQ issues through the last week.

FD: POTs delivered/recorded



- Past week efficiency was very good 99.2%, (6.83 of 6.89 e18 POTs).
- Absolute values lower due to the beam shutdown, otherwise smooth running.
- Of course in the horn-off beam mode.

FD: Accumulated POTs



- 2013/14: 280/326 e18 POTs (86%) + 2014/15: 285.6/298.9 e18 POTs (95.6%) [240days]
- Including 10.6 e18 POTs with not nominal horns currents