

NOvA Experiment Status

All Experimenter's Meeting

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Operations – Summary



BEAM:

- Slip stacking 2+6 continues with higher intensity (>400 kW).

NearDet:

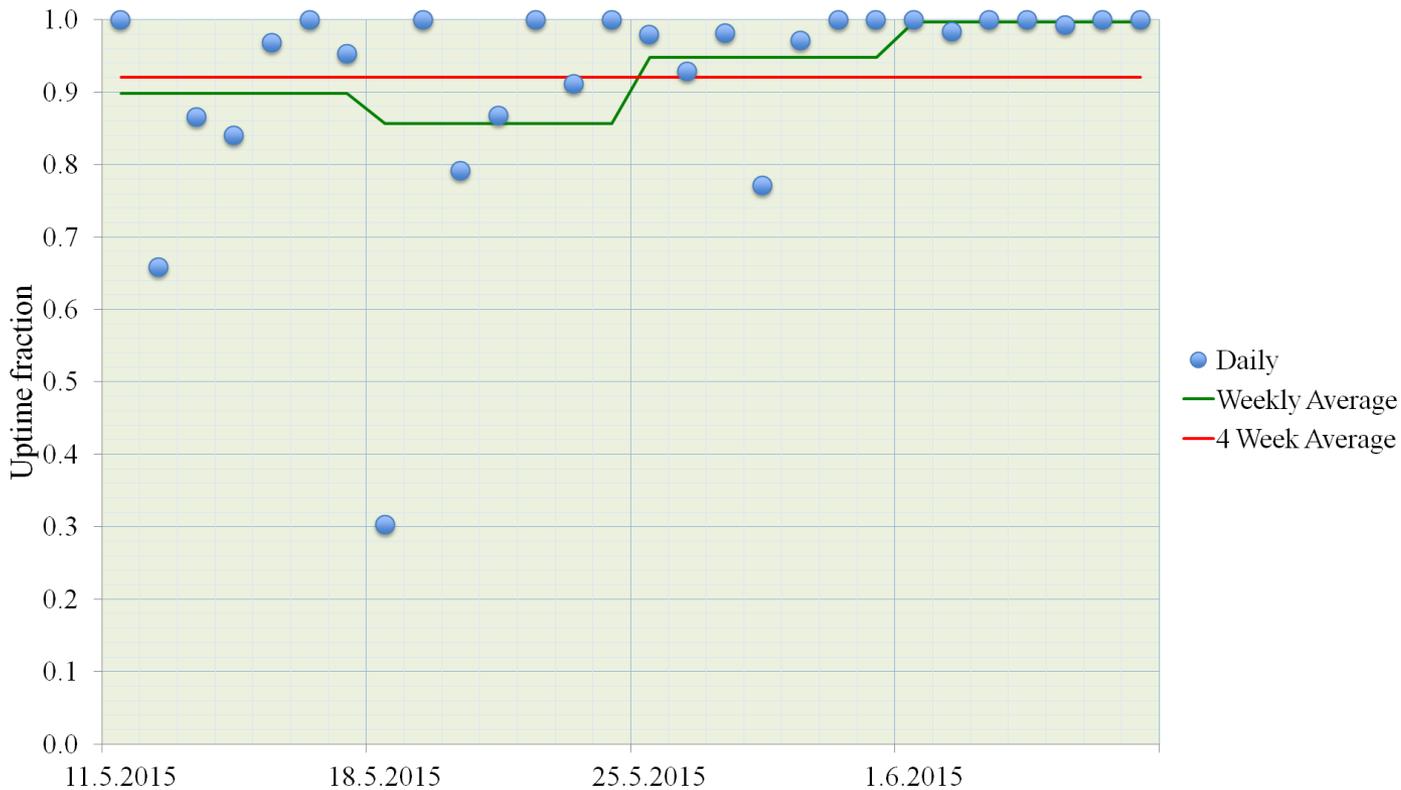
- Running well. 10 days with 100% uptime.

FarDet:

- We stabilized the Air-conditioning (HVAC) system in the computer room at Ash River.
- Whole last (UTC) week we ran very smoothly.
- Unfortunately on Sun night we faced another short power outage and recovered detector and computers through the last night, now we are back and all is up.

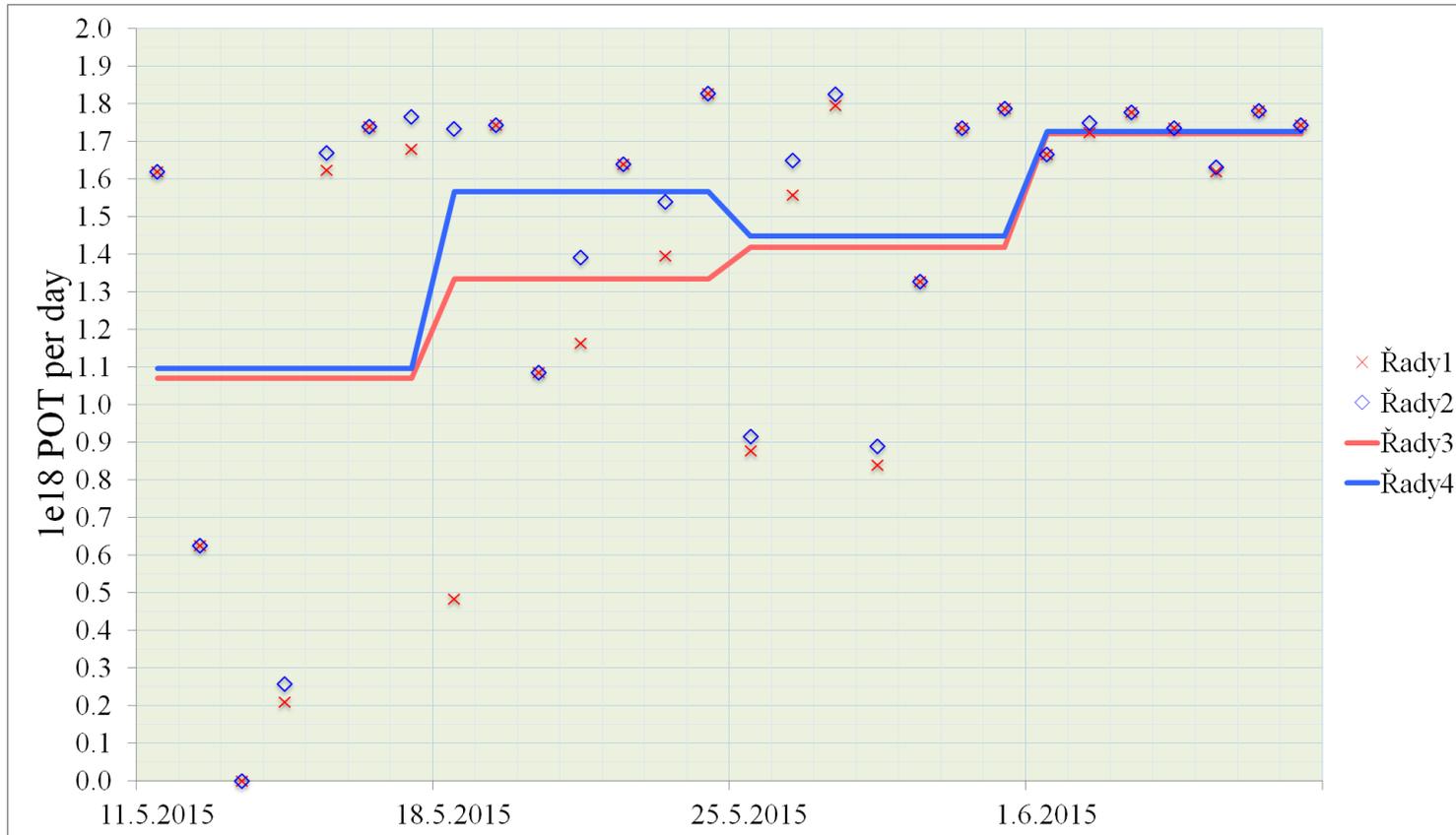
Control Room(s): Prepared for NuMI horn current study.

FD: Data taking Uptime



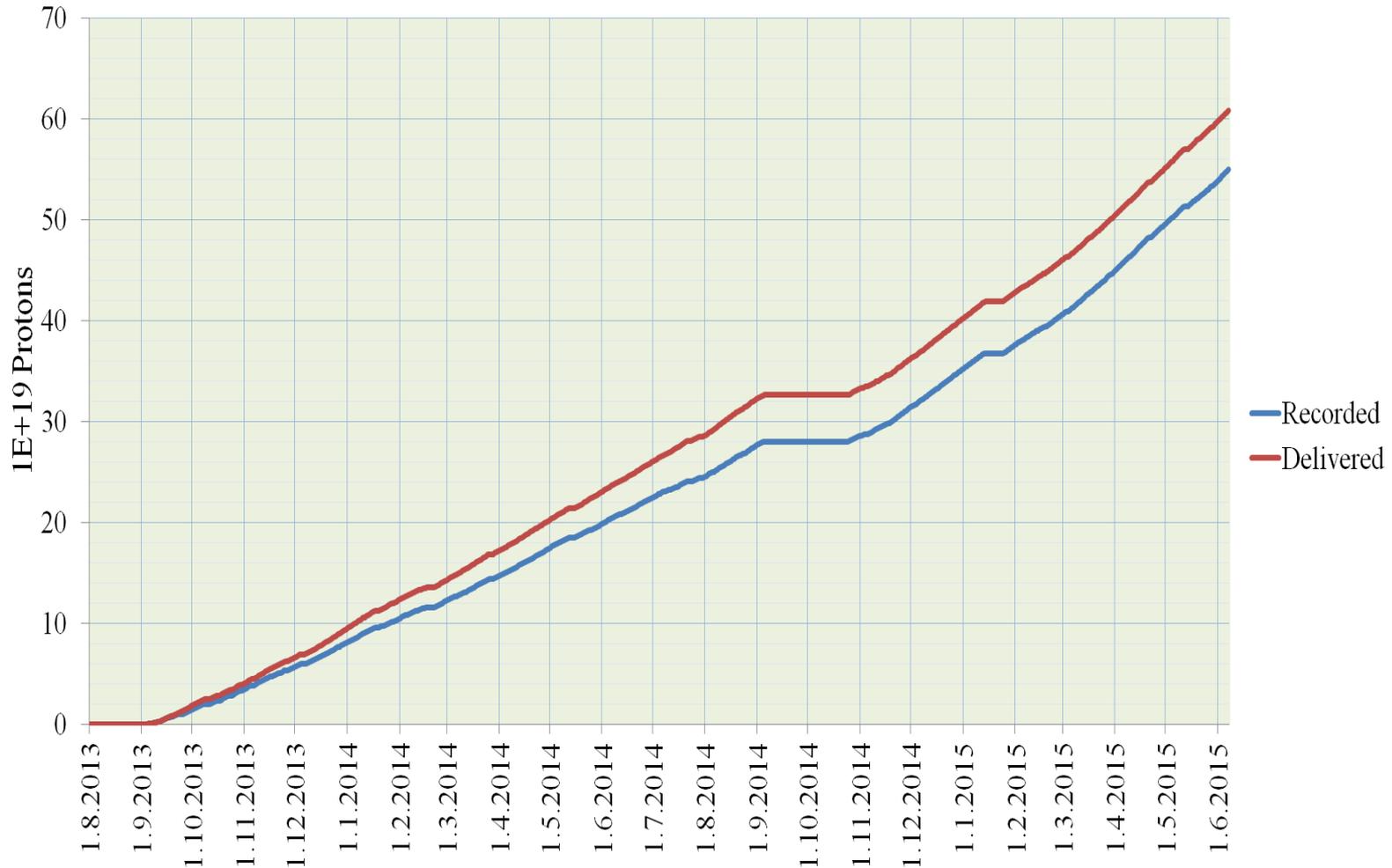
- Last week running uptime efficiency was 97.8% (4-week average 92%).
- Very short downtimes, once DAQ crashed.
- Second due to updating DDT configuration and added more buffer nodes to keep up DDT triggers safely at 100% alive.
- Air conditioning system stabilized and ran smoothly through the week.

FD: POTs delivered/recorded



- Past week efficiency was at excellent 99.7%, (12.05 of 12.09 e18 POTs).
- One of the best week for both detectors (NearDet was at 100%).
- This week there is a plan take a scan with NuMI horn current variation. A study for dependence of POTs on the current will be performed. For each main point we expect to take 0.5e18 POTs per day (8 hours) shift.

FD: Accumulated POTs



➤ 2013/14: 280/326 e18 POTs (86%) + 2014/15: 269.6/281.9 e18 POTs (95.6%) [226 days]