NOvA Experiment Status
All Experimenter's Meeting

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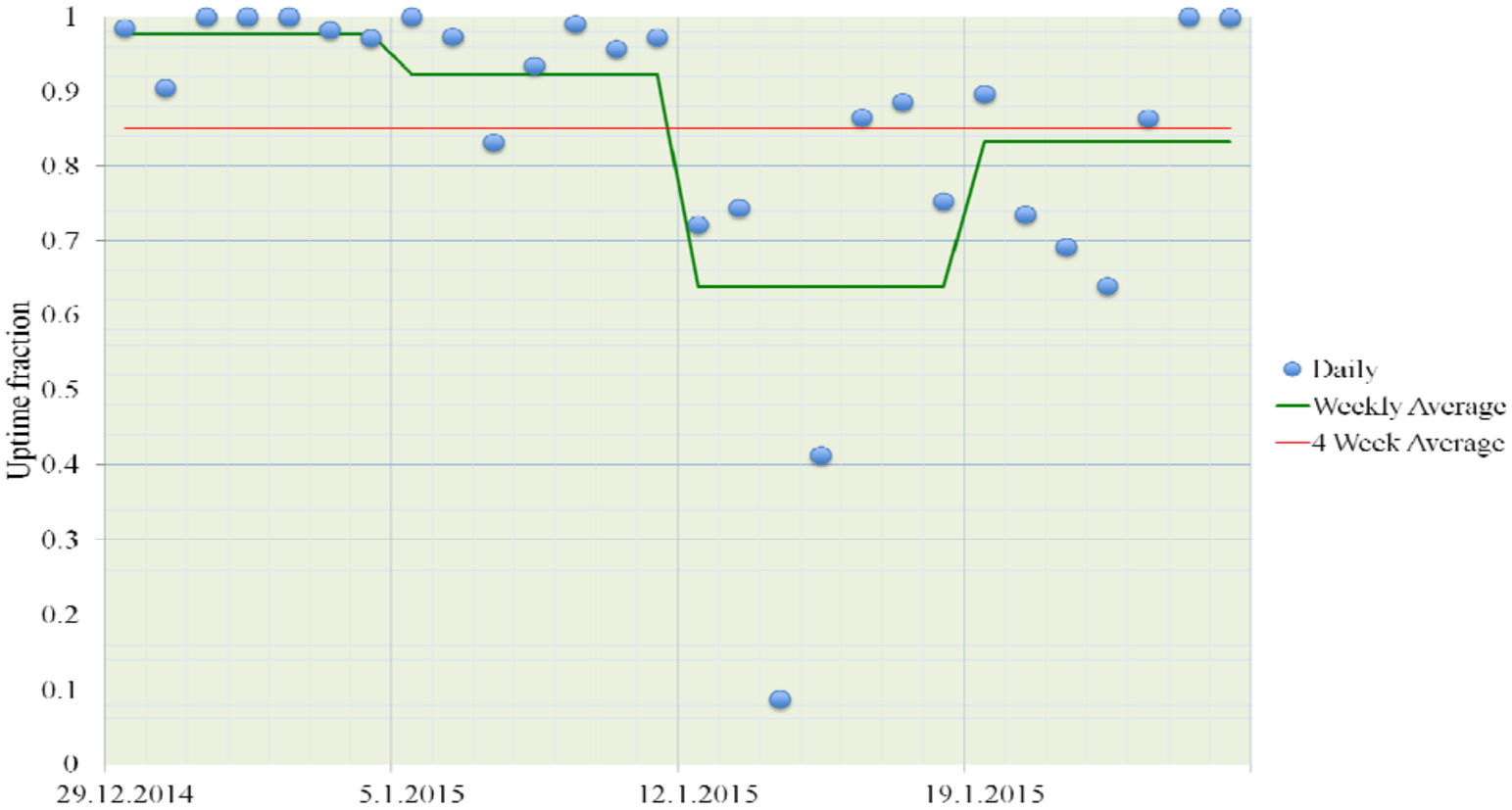
Operations I – summary

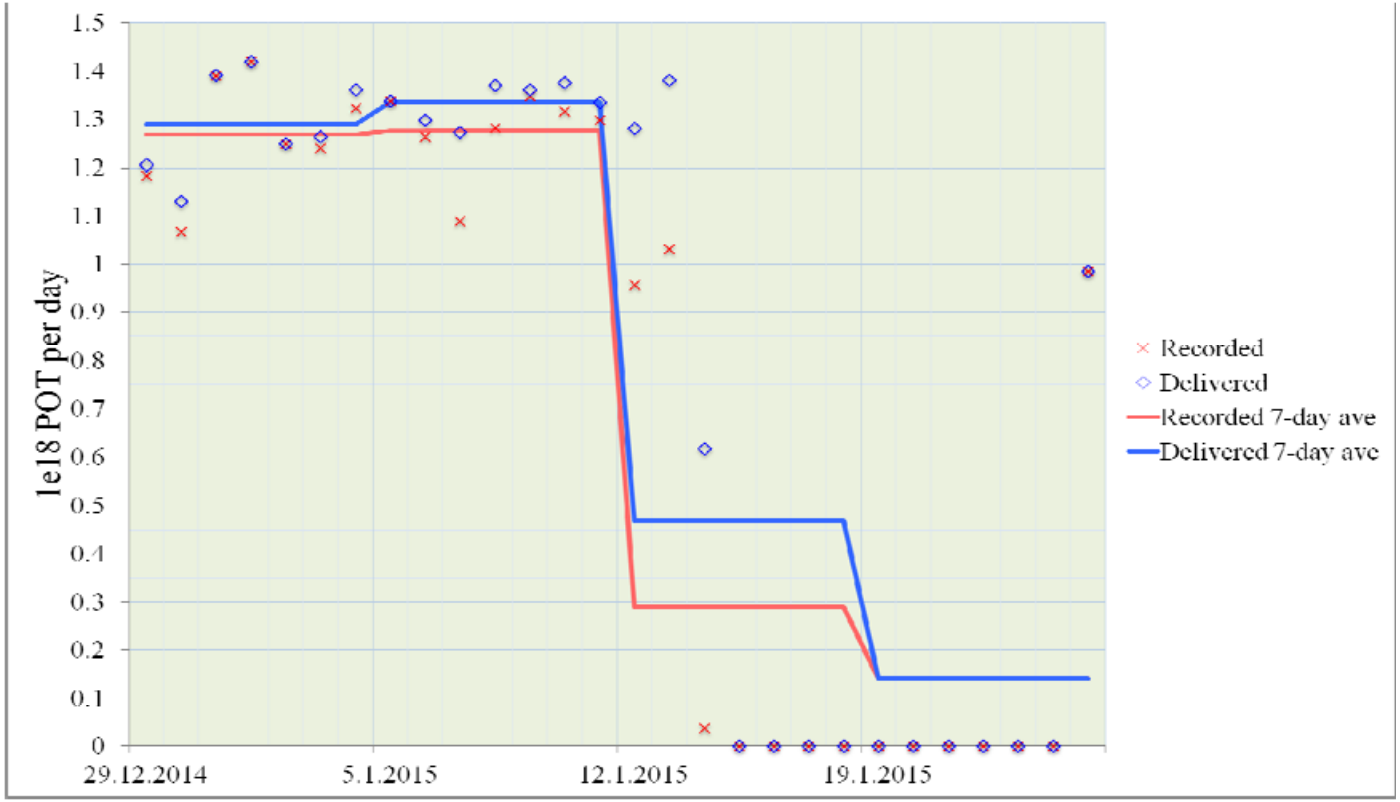
- **BEAM:**
  - **Beam for NOvA is BACK. Thank you!**
- **NearDet:**
  - **Running almost smoothly when no maintenance happened.**
  - **Shutdown used for treatment w/ some nosier channels.**
- **FarDet:**
  - **We maintained detector during shutdown a lot of.**
  - **The biggest concern now is stability of the Dry Gas system, we worked on 3, 2 of them showed good improvement.**
  - **Swapped many electronics parts, DAQ software improvements.**
- **Control Room:**
  - **ROC-west got the requested iFix monitoring (for Dry Gas sys).**

FD: Data taking Uptime



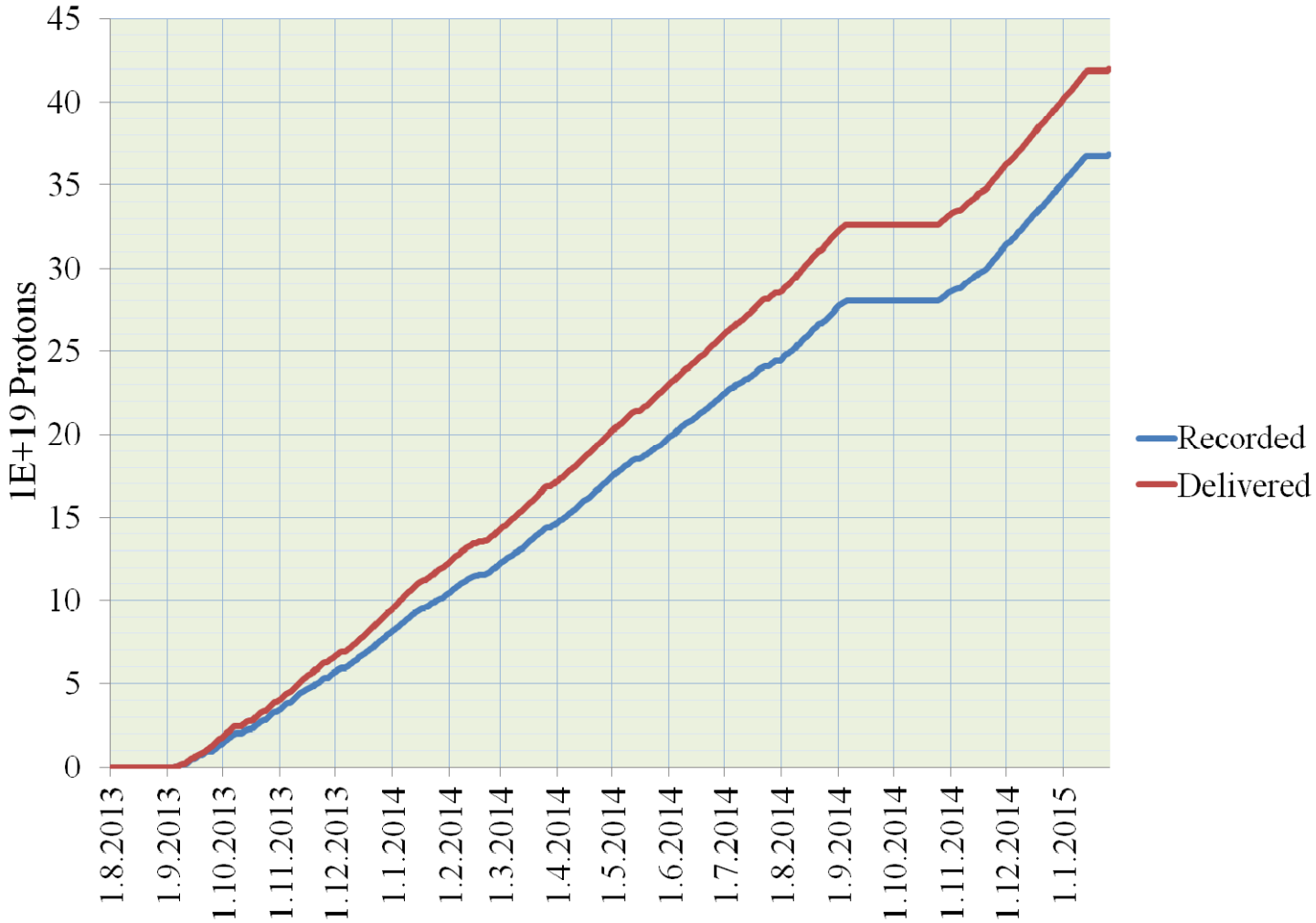
- Of course the uptime for last 2 weeks bad, even if we were up, it might happen not full detector in r/o, we worked on some parts through 7 working days.
- A lot improvements concerning cooling issues, non-reporting channels, electronics …
- Maintained 3 worst Dry Gas branches on detector, 2 are satisfied us.
- Re-checked S/N and other information to match info against hardware database (many items per channel, we have >10 k channels. Except very few, others have correct settings.

FD: POTs delivered/recorded



- When beam was back, we 100% efficient ☺ (1 day, of course in UTC).
- We maintained detector in 2 waves (planned/unplanned shutdown) and prepared well for incoming beam.
- After first round we evaluated improvements and made decision how to continued when beam down to take advantage of the offered time

FD: Accumulated POTs



- **2013/14: 280/326 e18 POTs + 2014/15: 88.1/93.6 e18 POTs (93.6%)**