NOvA Experiment Status
All Experimenter's Meeting

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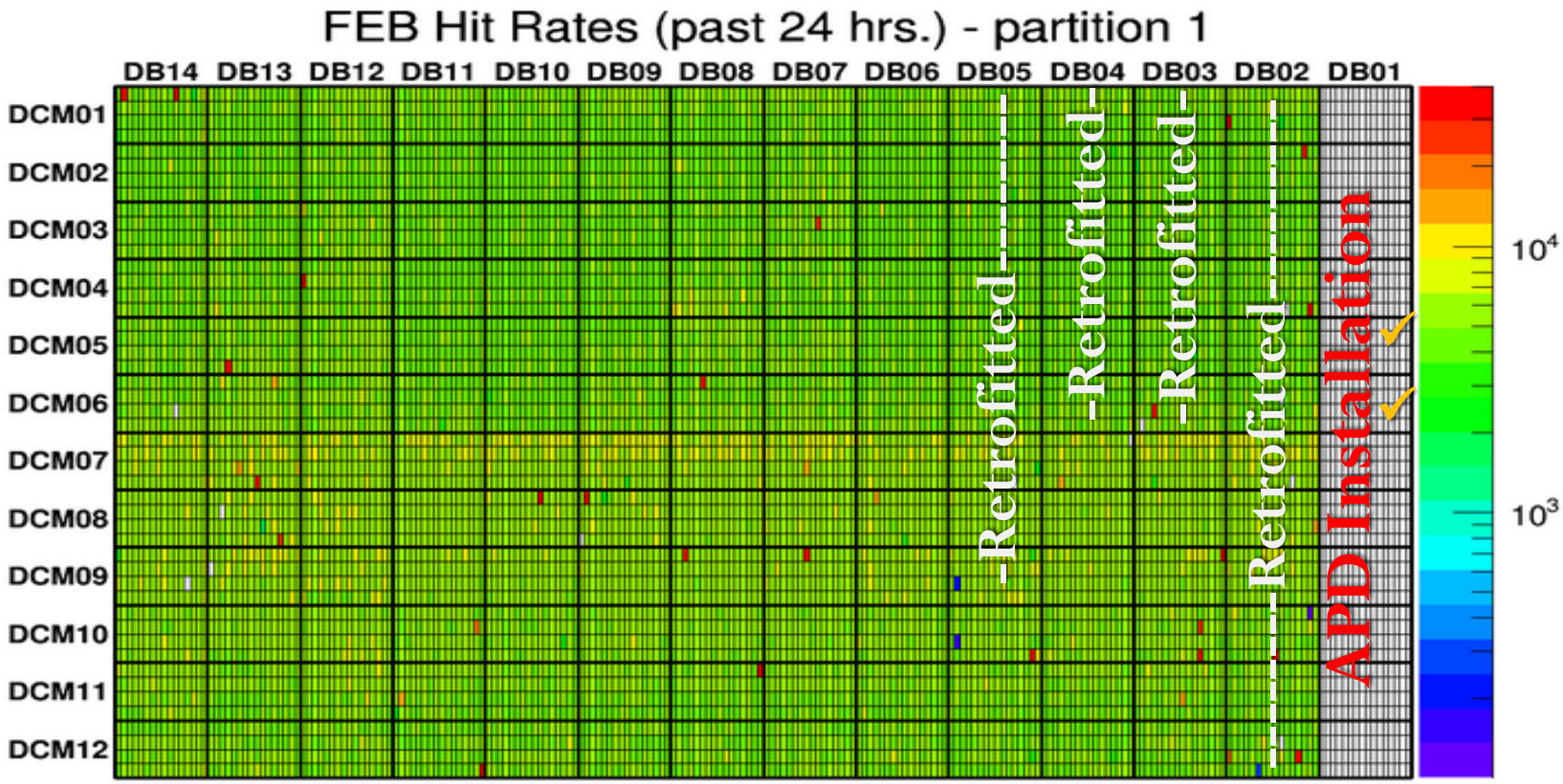
Operations I – summary

- **NOvA collaboration meeting last week.**
- **BEAM:**
  - Low (half of) beam intensity over weekend.
- **NearDet:**
  - It is up and running as cool, with full HV.
  - Chiller water valve issue (opened at 100%), solved today.
- **FarDet:**
  - It is up and running.
  - Physics (cosmics) 13-diblocks running.
  - Retrofitting is spread over through only 1 diblocks.
  - First 5 minutes of restarting of a DAQ run procedure suffers from very high network load, afterwards running well.

FarDet: Data-Taking



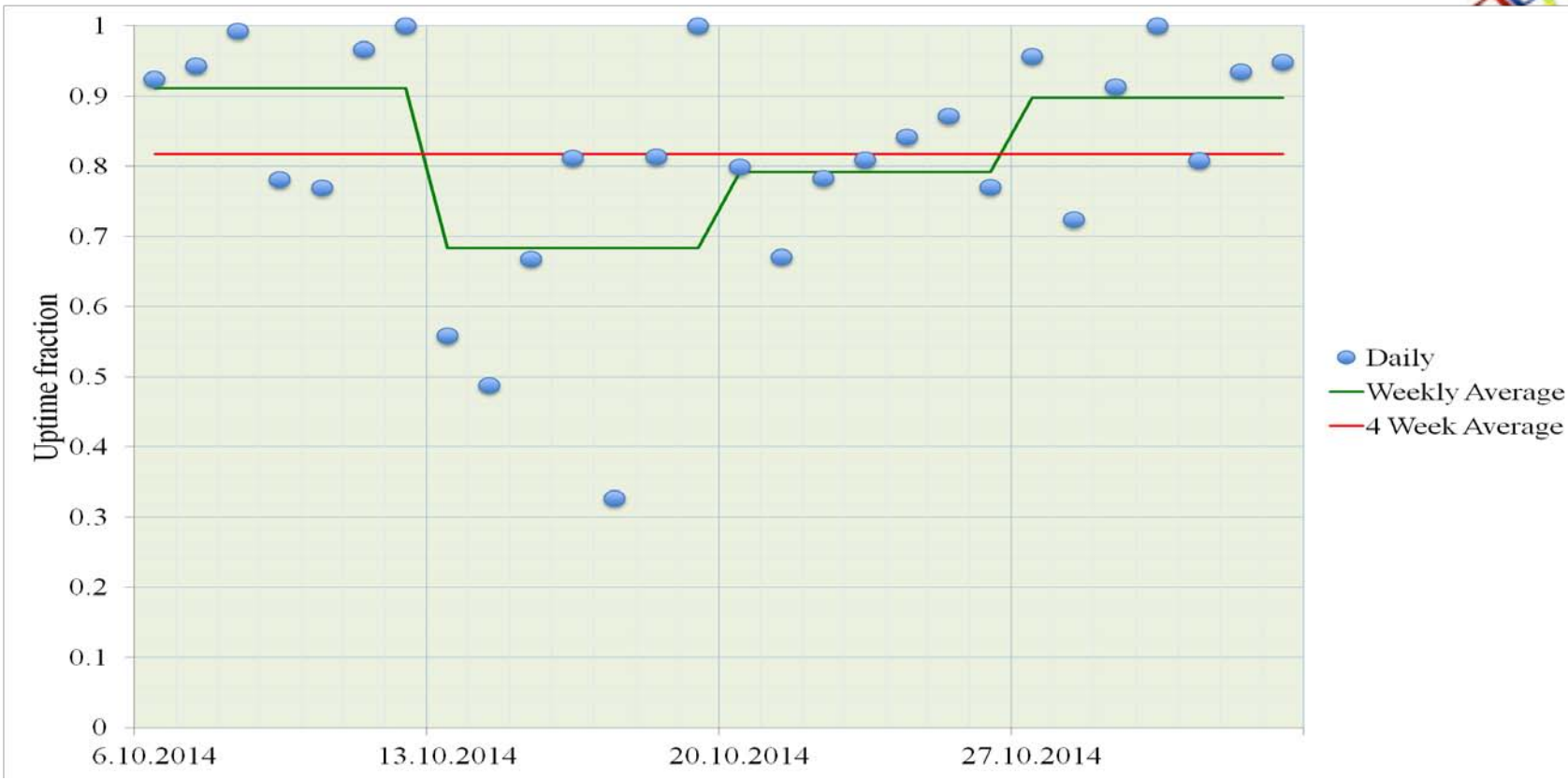
Partition 1 (status last week)

- diblocks 2 – 14
- Running ~99% active,
- ALL COOLED, HV at full gain.

Current status - Retrofitting:

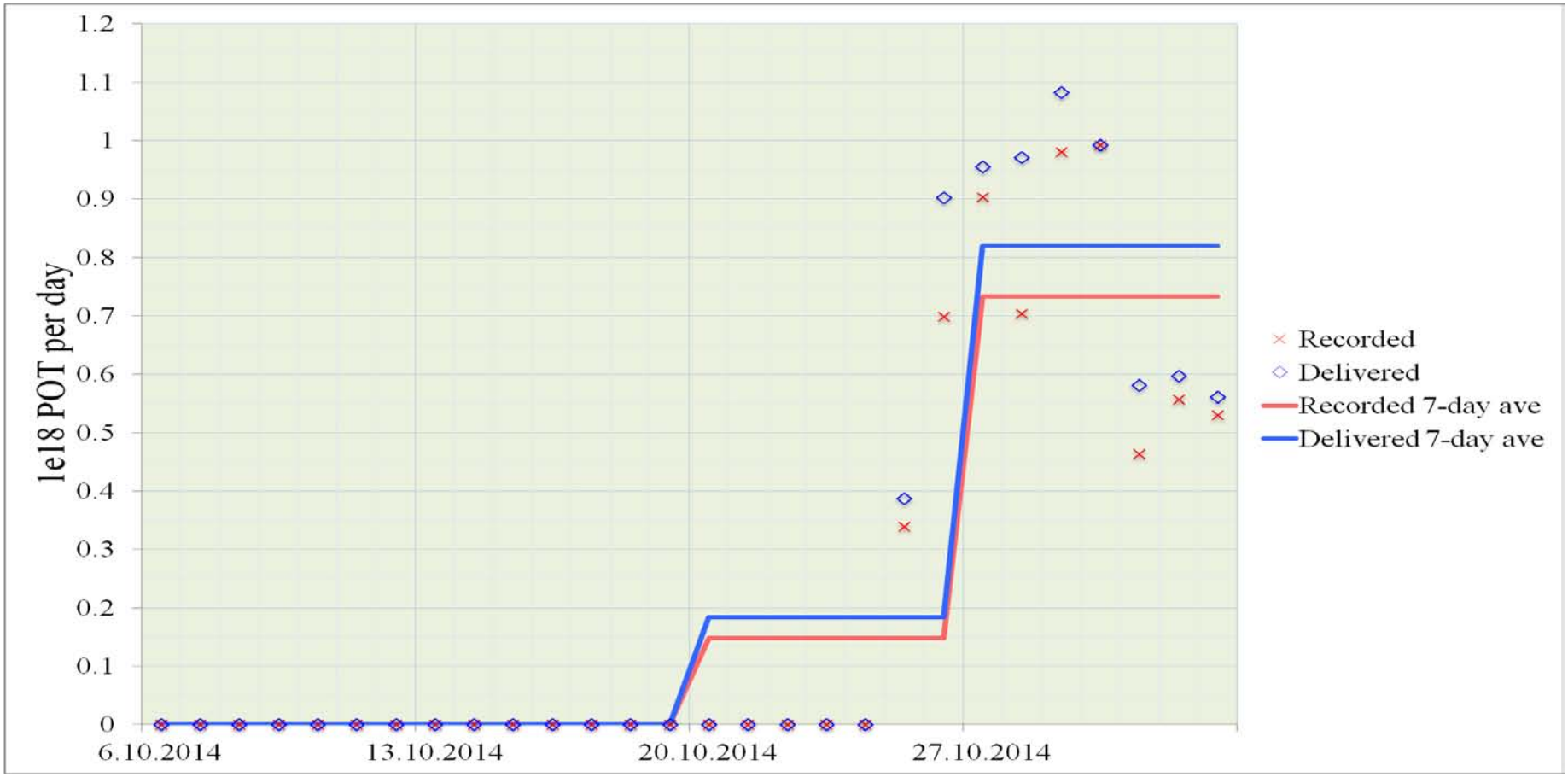
- Retrofit: ALL OLD APDs & brass fittings away!
- Already retrofitted DiB-{04,05,03,02}.
- New APDs installed on last DiB-01
- 2 dcm installed, 2 being, 2 will this weak.

FD: DAQ Uptime



- First beam full weak running with 90.0% DAQ uptime.
- On Tue the Dry gas system maintenance done mainly during shutdown and long scheduled TDU firmware update (had supposed within beam shutdown)
- On Fri we moved DiB-02 after retrofitting back to Partition 1, need to take DSO, reconfiguration, …

FD: POTs delivered/recorded



- The beam shutdown on Thu and Fri was down also, we used it with 89% efficiency.
- We recorded in average 5.1e18 (from 5.7) pots for weak
- The main POT loss (~ 30%) due to Tue's TDU firmware update.
- Over weekend we were affected by low beam intensity.