NOvA Experiment Status
All Experimenter's Meeting

Jaroslav Zalesak, Institute of Physics, Prague/FNAL

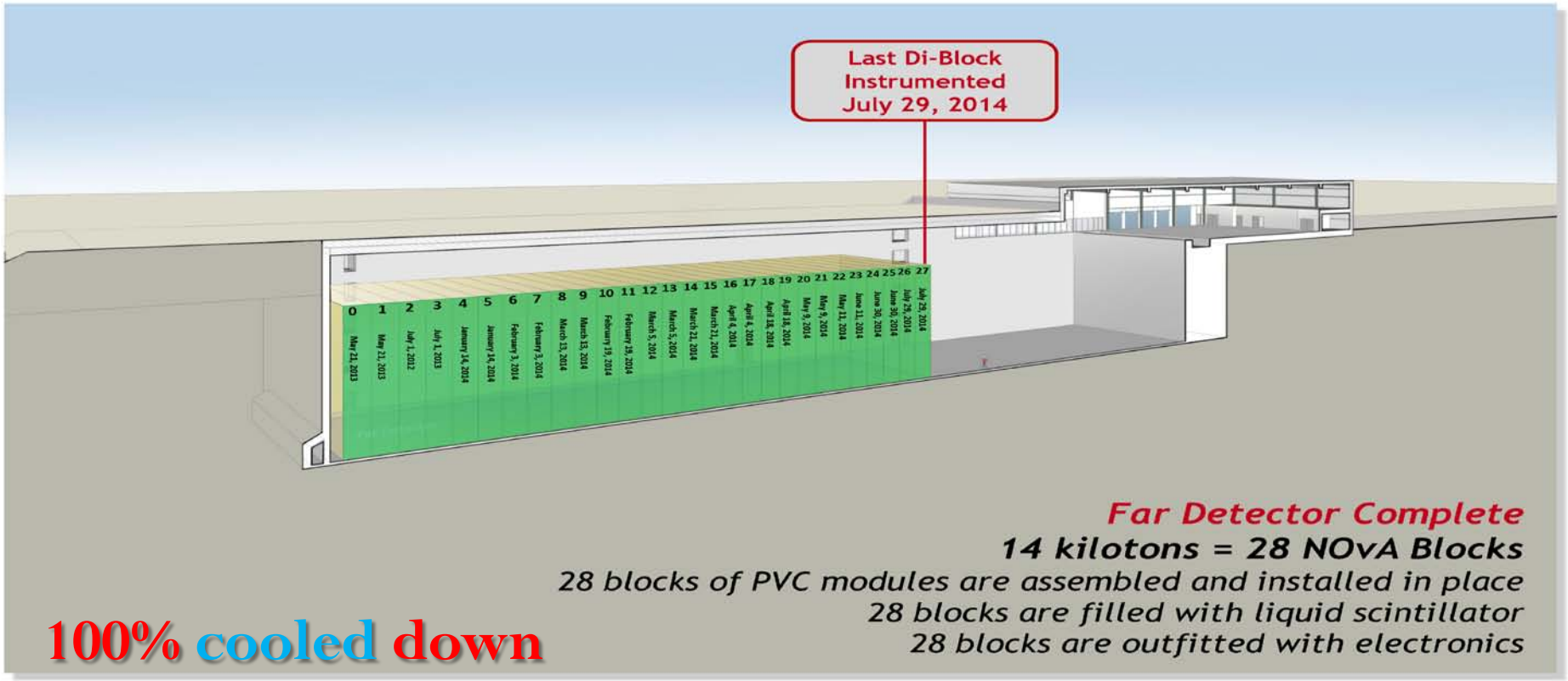
Aug 18, 2014

FD: Detector Assembly Progress

The Intensity Frontier

NOvA Far Detector Assembly Progress

Status Date: 29JUL14

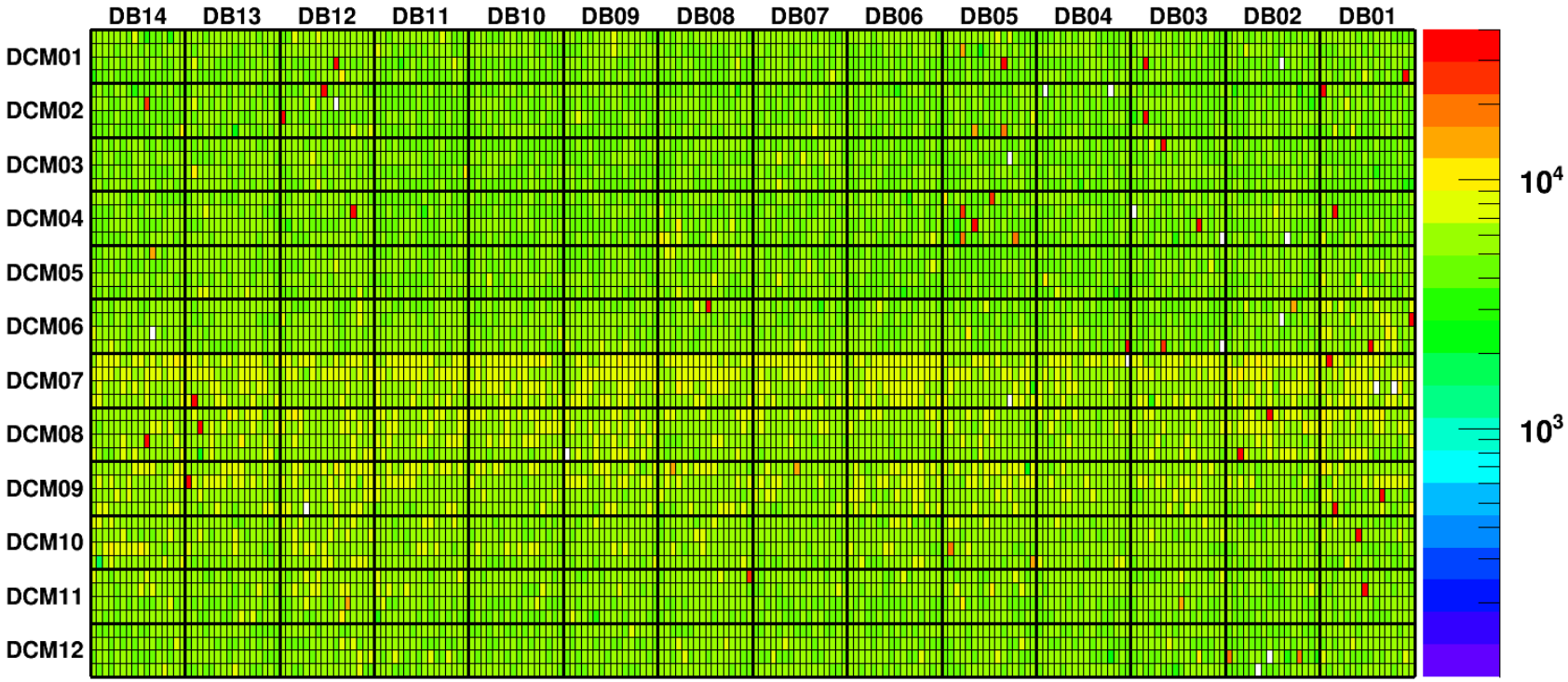


100% cooled down

- ✓ **Done!**
- ➢ **We began the Retrofitting phase.**

FarDet: Data-Taking

Aug 17, 2014 Partition 1



Partition 1 (status Thu-Sun)

- diblocks 1 – 14 (over weekend)
- Running ~99.5% active,
- ALL COOLED, HV at full gain values.

Current status:

- P1: Diblocks 2-14
- P2: Diblock 01-top
- Diblock 01-side: started retrofitting with taking off APDs on 2 first dcms
- continues with the others DiB-01-side.

FD: DAQ Uptime

- Mon: swapped parts done after weekend's water leak on side of DiB-01
- Thu: slow control group upgraded their APD temperature monitor which enable for us cooling of APDs at level single APDs and to be much effective in future.
- Fir: the update of the Run Control software to avoid dead times during starting runs.

FD: POTs delivered/recorded

- We recorded in average XX (from 1.27) pots/day with.
- After we got full detector on Thu evening began running with the final configuration over weekend which was very efficient.

NearDet: Detector Assembly Progress

- ✓ **Done!**
- ✓ **Running with full HV setting (at gain of 100) and everything cooled.**

Summary

FarDet:

- Far detector completed and running 14-diblock with final configuration over 3 days.
- Now we have started a new phase: the retrofitting.
- We have closed the book of the Far detector assembly and are just opening the doors to retrofitting which should eliminate water leaks in future.

NearDet:

- Near detector completed and running 3-diblock (+MC) with final configuration over 3 days.
- Waiting for evaluation of its performance and perhaps some repair works will be done this week.