MINOS+ Status Report

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All Experimenters' Meetings

November 24, 2014

Near Detector

DAQ news

- One failure on Saturday morning recovered within 10 minutes
- Still dealing with cooling issues in the new DAQ rack:
  - running with racks' back door open
  - an aluminum plenum (from the air duct intake) has been built and will be installed/tested next week during the Booster cavity replacement downtime

Electronics/Detector news

- Fixed two hot channels during Nov 17 beam downtime
- Replaced Minder for cold channel 7-16-1-0 but problem remains
- Fan pack failure in Master Crate 1 on Friday night ~23:30 pm:
  - Made access and replaced fan pack. Out by 3:00 am.

Far Detector

DAQ news

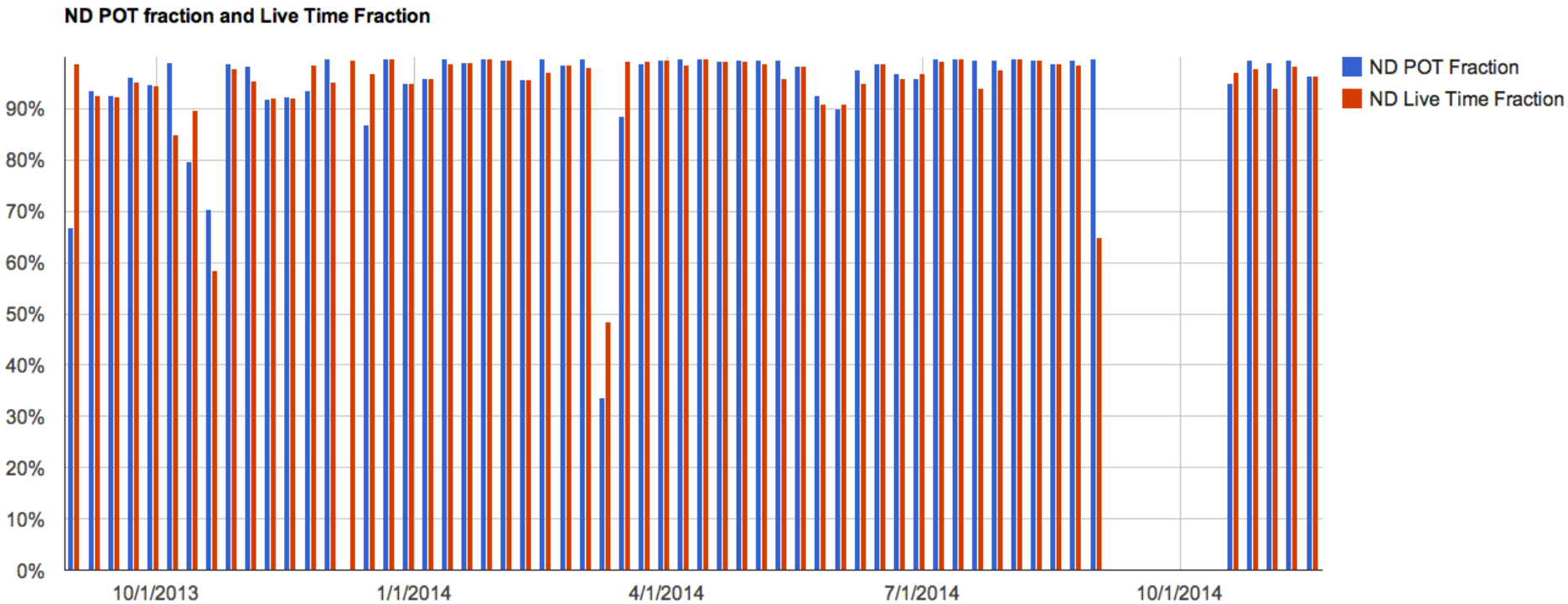
- DAQ is running very well

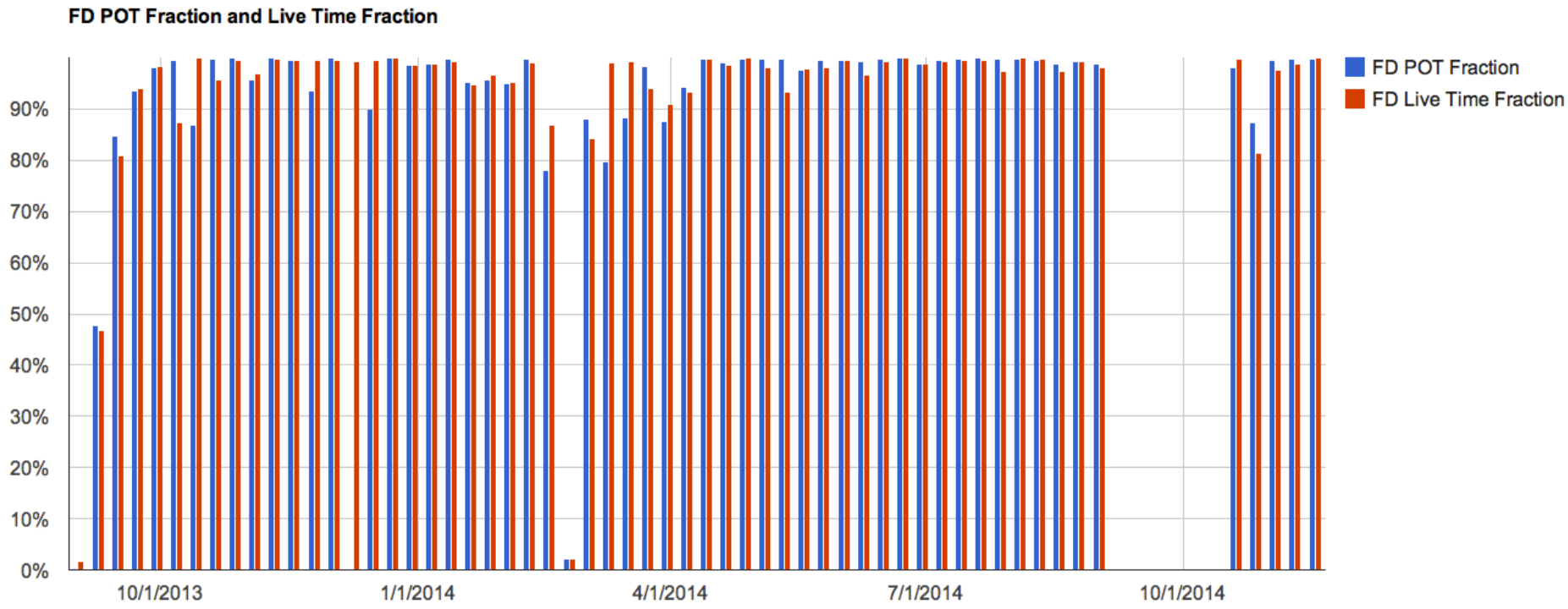
Electronics/Detector news

- One intermittent CI low gain channel
- NO other hardware issues known

MINOS+ Status

		Near Detector		Far Detector	
Start Date/Time	End Date/Time	POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
10/20/2014 00:00:00	10/27/2014 00:00:00	95.1%	97.2%	98.1%	99.8%
10/27/2014 00:00:00	11/03/2014 00:00:00	99.5%	97.8%	87.4%	81.4%
11/03/2014 00:00:00	11/10/2014 00:00:00	99.2%	94%	99.6%	97.5%
11/10/2014 00:00:00	11/17/2014 00:00:00	99.5%	98.3%	99.7%	98.8%
11/17/2014 0:00:00	11/24/2014 00:00:00	96.5%	96.4%	99.7%	99.9%


ND POT fraction and Live Time Fraction
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
10/1/2013
1/1/2014
4/1/2014
7/1/2014
10/1/2014
ND POT Fraction
ND Live Time Fraction


FD POT Fraction and Live Time Fraction
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
10/1/2013
1/1/2014
4/1/2014
7/1/2014
10/1/2014
FD POT Fraction
FD Live Time Fraction