



MINOS+ Status Report



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All Experimenters' Meetings
June 9 , 2014



Near Detector

DAQ



Excellent running for the past week



- One new hot channel 7-15-3-8 developed 10 days ago
 - Single hot channels like this are auto-detected and avoided in the analysis
- Occasionally mis-behaving whole Minder (7-14-0)
 - In this case data gets flagged as ‘bad’, hence lower Live Time Fractions
- Need to replace both boards at the next opportunity



Far Detector



Very good running for the past week



General

- One CI Flat channel 14-0-4-0-0: need a few hours of beam downtime to further investigate: possible PMT base problems
- Replacing UPS units as shutdowns allow (5 remaining units)

DAQ

- One DAQ glitch, Thursday, June 5th
 - Immediately responded
 - Errors did not clear with Resets
 - Restarted processes on two DAQ machines
 - Downtime of about 20 minutes



ND/FD general



- Both ND and FD are running BlueArc-free
- Passed with flying colors the major scheduled BlueArc downtime last Thursday, June 5th
- Still need to schedule a Network isolation test at both ND and FD



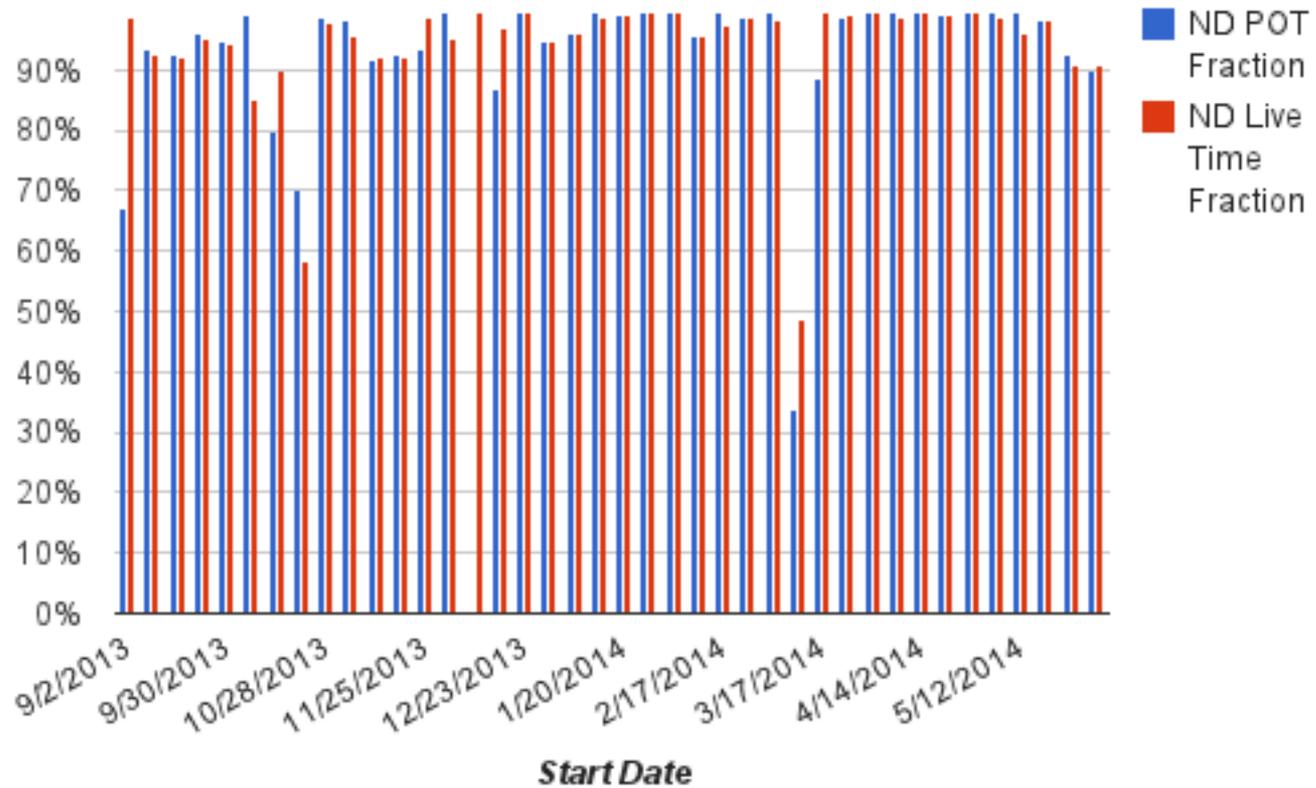
MINOS+ Status



Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
3/03/14 00:00:00	3/10/14 00:00:00	99.8%	98.0%	88.0%	84.2%
3/03/14 00:00:00	3/17/14 00:00:00	33.6%	48.5%	79.8%	99.1%
3/17/14 00:00:00	3/23/14 12:00:00	88.6%	99.4%	88.4%	99.3%
3/23/14 00:00:00	3/30/14 00:00:00	98.9%	99.3%	98.3%	94.1%
3/31/14 00:00:00	4/7/14 00:00:00	99.6%	99.5%	87.6%	91%
4/7/14 00:00:00	4/14/14 00:00:00	99.7%	98.5%	94.3%	93.2%
4/21/14 00:00:00	4/28/14 00:00:00	99.3%	99.2%	99.1%	98.5%
4/28/14 00:00:00	5/5/14 00:00:00	99.6%	99.4%	99.8%	99.9%
5/5/14 00:00:00	5/12/14 00:00:00	99.5%	98.7%	99.8%	98.1%
5/12/14 00:00:00	5/19/14 00:00:00	99.6%	96%	99.7%	93.3%
5/19/14 00:00:00	5/26/14 00:00:00	98.3%	98.4%	97.5%	97.8%
5/26/14 00:00:00	6/2/14 00:00:00	92.5%	91%	99.5%	98%
6/2/14 00:00:00	6/9/14 00:00:00	90%	91%	99.6%	99.6%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

