



MINOS+ Status Report



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All Experimenters' Meetings
June 2 , 2014



Near Detector



DAQ

Very good running for the past two weeks



- Three hot channels:
 - 2-14-3-01, 3-20-2-1, 7-14-0-13
 - eventually fixed by replacing the Minders during last Thursdays' afternoon beam target scans
 - A new hot channel developed over the weekend in 7-15-3-8
- Single hot channels like this are auto-detected and avoided in the analysis
- But a whole Minder (7-14-0) acted up (hot) twice on Sunday; in this case the data gets flagged as 'bad' (hence lower Live Time % this week).



Far Detector



Excellent running for the past two weeks



General

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

DAQ

- One DAQ glitch, Saturday, May 24th at 5:00 am
 - Restarted DAQ at 6:30 am, when text message was seen
 - Errors about DOP (Data Output Process)
- DCS machine went down on Tue 5/27, late evening
 - No FD Magnet or ENV Monitoring during the night
 - Fixed in the morning moving the hard drive to a spare Dell computer
- Removed dependencies from BlueArc during last Thursday's afternoon beam target scans



ND/FD general



- Both ND and FD are running BlueArc-free
- The major scheduled BlueArc downtime on June 5th should be transparent for us
- Still need to do a Network isolation test at both ND and FD
- Monday 5/26, Memorial Day, all shifters noticed that Beam Monitoring Plots were not updating
- MINOS+ shifter called
- Opened an INCIDENT with ServiceDesk with Urgency = Critical
- Later in the day, IFBeam DB Support Group member suggested to use temporary link to a development machine, where things were working
- All experiments were instructed to switch using the new link
- The cause of the problem was found on Tuesday morning to be that Apache logs had filled up the disk space
- An old-logs cleanup script was added to the system to prevent this to happen again



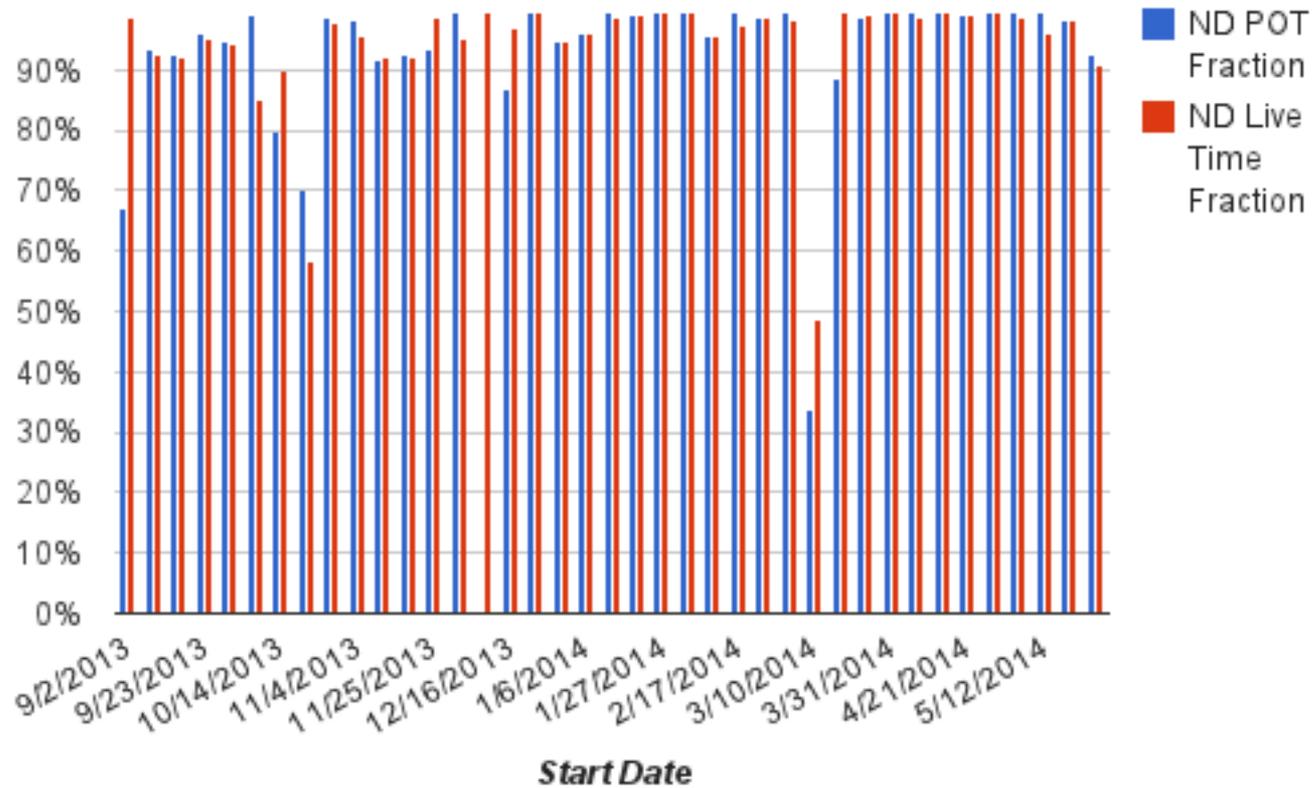
MINOS+ Status



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%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

