



MINOS+ Status Report



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All Experimenters' Meetings
June 30 , 2014



Near Detector



Very good running for the past week

- Whole Hot Minder 0-20-2 appeared on Wednesday's late evening
 - Restating the run sequence and power cycling the crate did not clear the errors
 - Made an access and swapped the board
 - All OK afterwards
 - Bad data for about 3 hours
- Power glitch on Thursday morning (“snake attack”)
 - Brought down rack FEV6
 - Could not reset the RPS unit remotely
 - Made an access to clear alarms and power on the crates
 - Resumed data taking
 - No data was lost, since there was no beam





Far Detector



Excellent running for the past week

- One CI (Charge Injection) Flat channel 14-0-4-0-0 due to one dead pixel in PMT base.
 - we'll NOT replace the base
- NO other hardware issues
- Last Saturday/Sunday's slowdown of pnfs file system (under investigation) prevented the writing of FD coil data into the DB
 - The Data Quality process is therefore flagging the FD data as BAD and giving a LiveTime of 85%
 - Estimated value is > 99%
 - Data is being recovered
 - We'll rerun the DQ to get the correct numbers



ND/FD general



- Tentatively scheduled a Network Isolation test for both ND and FD during the next Booster Cavity replacement (~July 15-16)



MINOS+ Status

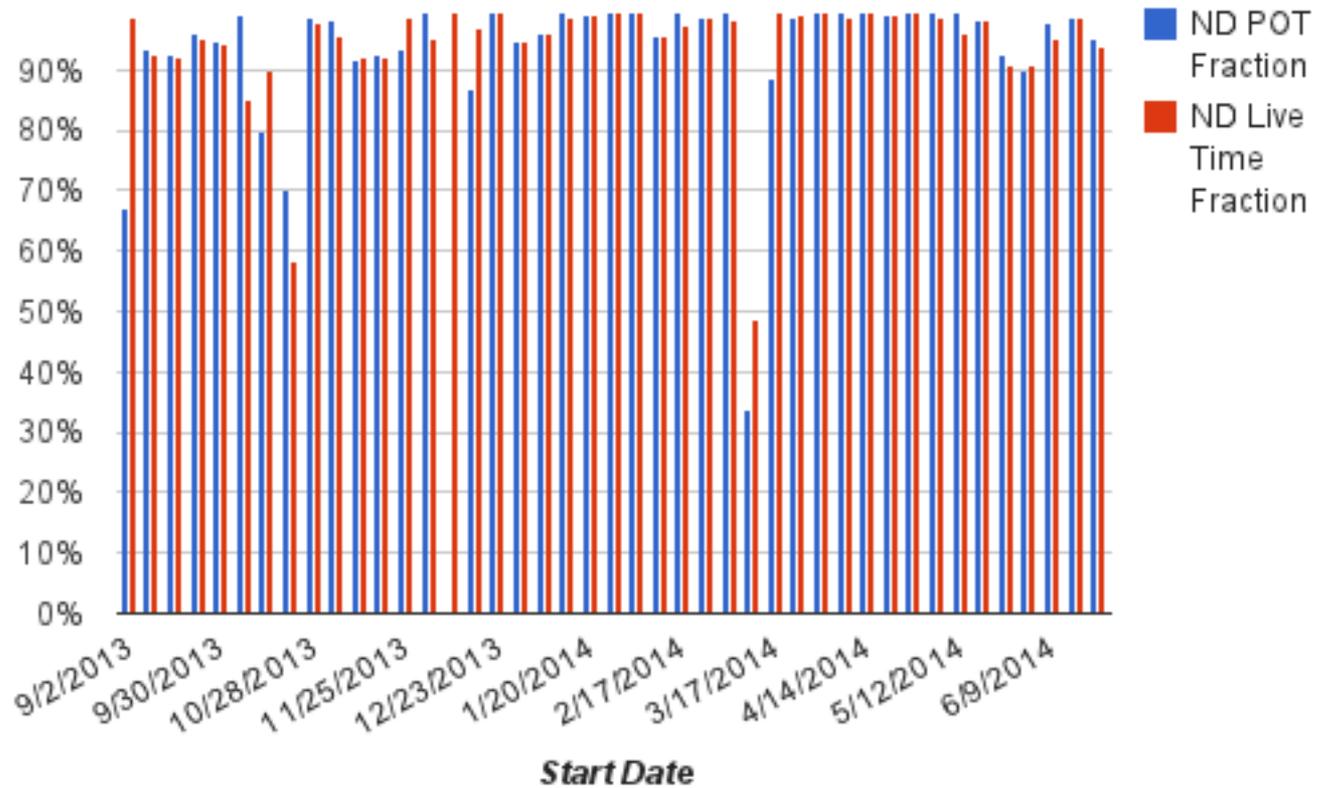


Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
3/03/14 00:00:00	3/10/14 00:00:00	99.8%	98.0%	88.0%	84.2%
3/03/14 00:00:00	3/17/14 00:00:00	33.6%	48.5%	79.8%	99.1%
3/17/14 00:00:00	3/23/14 12:00:00	88.6%	99.4%	88.4%	99.3%
3/23/14 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%
6/9/14 00:00:00	6/16/14 00:00:00	97.7%	95%	99.3%	96.7%
6/16/14 00:00:00	6/23/14 00:00:00	98.8%	98.7%	99.8%	99.3%
6/23/14 00:00:00	6/30/14 00:00:00	95%	94%	85%	85%

Not real: FD coil data is missing in DB because of slow down of pnfs on Saturday/Sunday (under investigation). Data is being recovered. Estimated LiveTimes > 99%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

