



MINOS+ Status Report



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All Experimenters' Meetings
August 18 , 2014



Near Detector



Excellent running for the past week



- Spotted one full Minder with CAPID errors
 - recovered restarting the run during a MI60 trip
 - problem lasted about 10 minutes
- No other hardware or DAQ issues



Far Detector



Excellent running for the past week

- 2 new flat CI channels:
 - One is intermittent
 - One is definitely a bad chip and will be replaced at the opportunity
- NO other hardware or DAQ issues



ND/FD Shutdown plans



- Replace old Timing PCs (at both ND and FD) with new modern servers :
 - Install/test serial ports in servers (1 for ND PC, 3 for FD PC) : PCI cards don't work
 - Recompile & test all timing processes
 - Bill Badgett will commission the new system at ND first, then Soudan (week of September 21)
 - NB: ** NO Timing Electronics changes will be made **
- Repeat the Network Isolation test at ND to allow further investigations by MINER_vA
- Move the current ND DAQ production servers into new closed DAQ rack with dedicated AC unit:
 - to keep the dust out
 - 3 newer DAQ servers (+ 5 current production spares) & 2 DCS servers
 - needs ORC review when equipment is installed
- Install new CAMAC crate for VME crate reset (as installed at FD already) requiring USB connection



ND/FD Shutdown plans



- Replace ND Electronics racks' filthy air filters with clean ones
- Clean boards in two Minders' crates (work still under discussion):
 - One with compressed air
 - One with alcohol based cleaner
 - See we don't cause any harm. Then clean some more.



MINOS+ Status

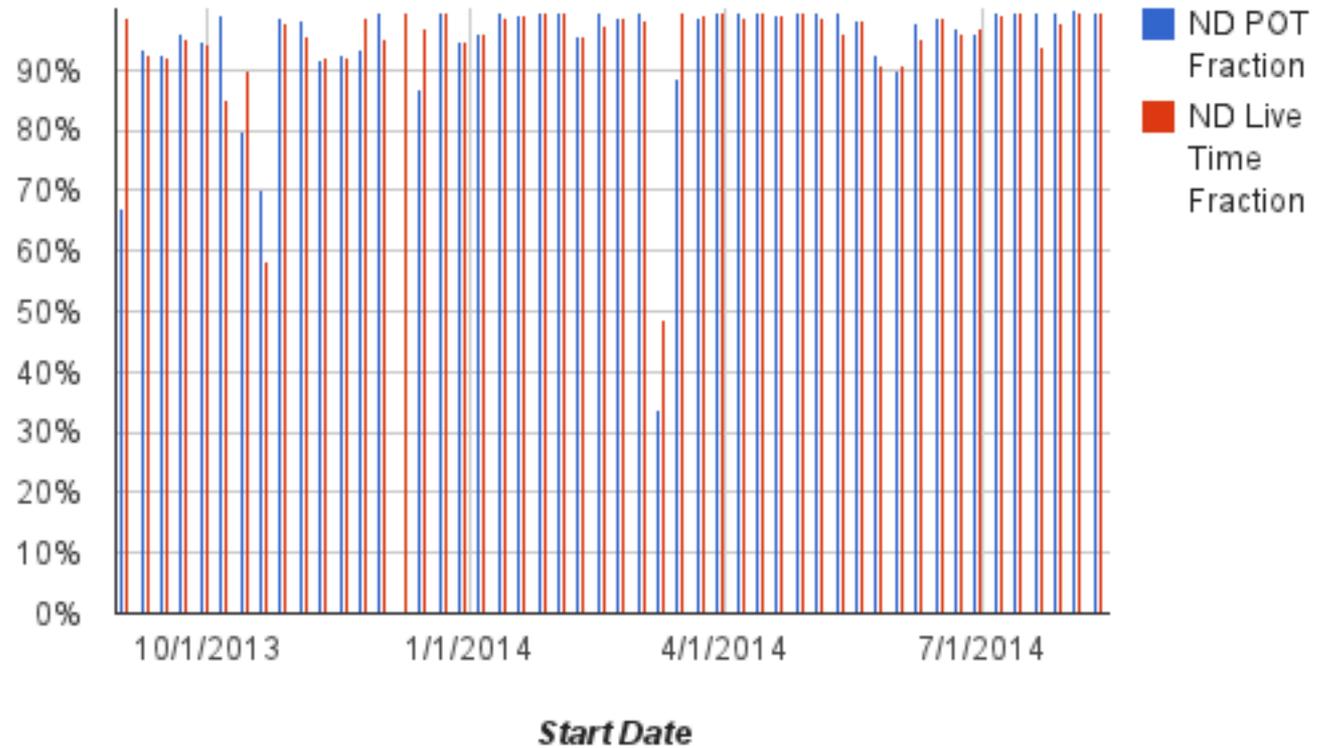


Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
6/2/14 00:00:00	6/9/14 00:00:00	90%	91%	99.6%	99.6%
6/9/14 00:00:00	6/16/14 00:00:00	97.7%	95%	99.3%	96.7%
6/16/14 00:00:00	6/23/14 00:00:00	98.8%	98.7%	99.8%	99.3%
6/23/14 00:00:00	6/30/14 00:00:00	97%	96%	99.9%	99.9%
6/30/14 00:00:00	7/07/14 00:00:00	96%	97%	98.8%	98.9%
7/07/14 00:00:00	7/14/14 00:00:00	99.7%	99.3%	99.5%	99.3%
7/14/14 00:00:00	7/21/14 00:00:00	99.7%	99.7%	99.8%	99.5%
7/21/14 00:00:00	7/28/14 00:00:00	99.5%	94%(*)	99.9%	99.6%
7/28/14 00:00:00	8/04/14 00:00:00	99.5%	97.7%	99.8%	97.4%
8/04/14 00:00:00	8/11/14 00:00:00	99.8%	99.7%	99.8%	99.9%
8/11/14 00:00:00	8/18/14 00:00:00	99.6%	99.6%	99.6%	99.8%

(*) need to re-run DQ program



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

