



MINOS+ Status Report



Rob Plunkett
All Experimenters' Meetings
May 5 , 2014



Near Detector



DAQ



- **Took good data all week**
- Hot channel 6-14-1-3
 - We will swap the Minder board at the next opportunity
- Hot channels like this are auto-detected and avoided in the analysis.



Far Detector



Excellent Steady Running

- Two flat charge injection channels (minor calibration problem)
 - Crate 14 flat CI channel which disappeared, has reoccurred
 - A new flat CI channel appeared at 13-1-3-1-1
- Unplugged PPS from spare unit that was causing problems into crate 4.
 - Now clear it's from the incoming signal. Will follow up.
 - No datataking implications.
- Had problems transferring B-field data on Thursday, 1 May
 - Traced to a node registration problem, quite an interesting one.
 - Fixed and transferred data by hand. Thanks to CD!

Beam Monitoring

- On Thursday, May 1, network problems cause ACNET readout issues.
 - Affected 1465 pulses, at least, possibly a few more.
 - This data is probably unrecoverable.
- On Sunday, May 4, 7 hours of errors from MINOS production concerning beam data.
 - At present, we think this is a local and fixable problem.



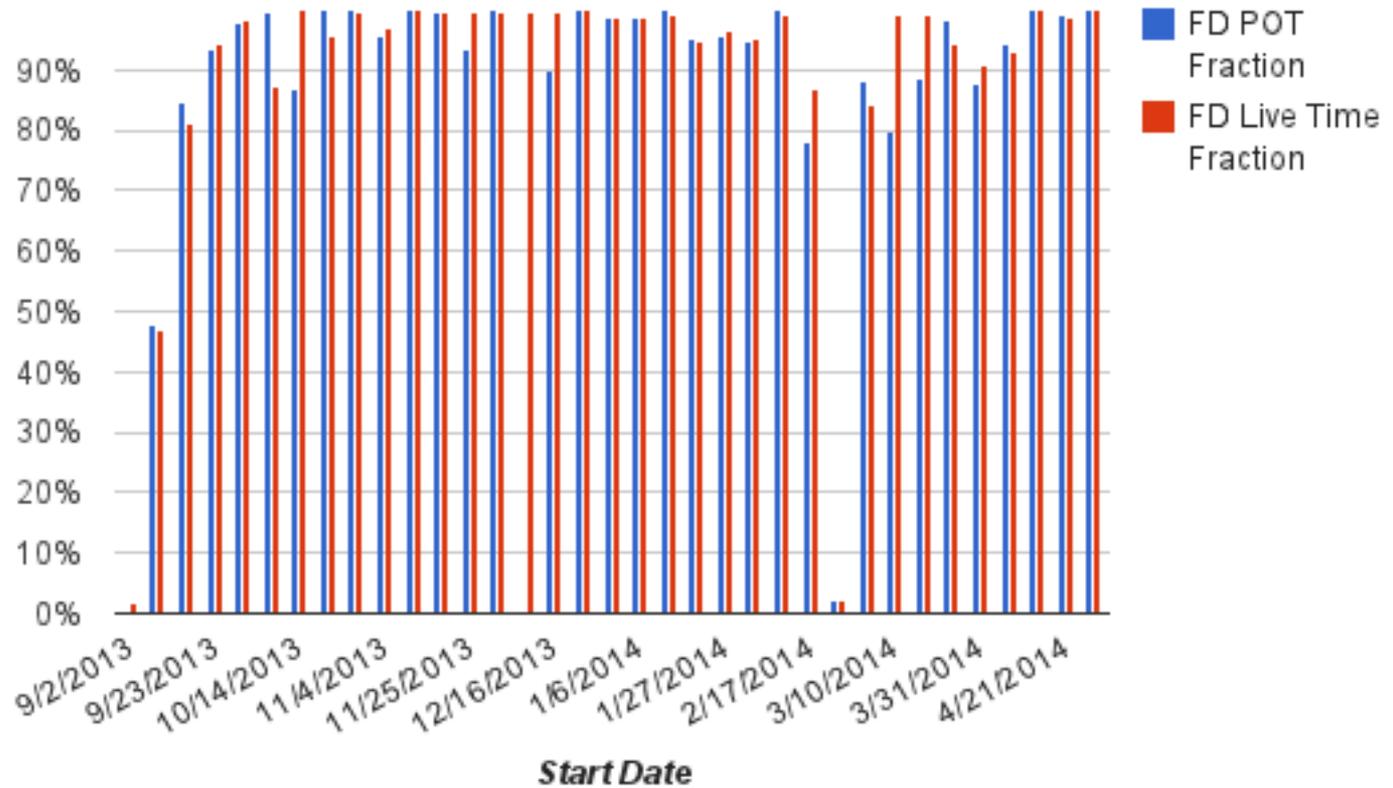
MINOS+ Status



Start Date/Time	ND POT Fraction	ND Live Time		Start Date/Time	FD POT Fraction	FD Live Time	
		Fraction	Fraction			Fraction	Fraction
12/30/2013	0.949	0.949	0.949	12/30/2013	0.985	0.985	0.985
1/6/2014	0.959	0.959	0.959	1/6/2014	0.987	0.987	0.988
1/13/2014	0.997	0.988	0.988	1/13/2014	0.998	0.998	0.993
1/20/2014	0.99	0.991	0.991	1/20/2014	0.952	0.952	0.948
1/27/2014	0.9965	0.997	0.997	1/27/2014	0.9578	0.9578	0.9661
2/3/2014	0.9954	0.9955	0.9955	2/3/2014	0.9491	0.9491	0.9517
2/10/2014	0.9567	0.9574	0.9574	2/10/2014	0.9985	0.9985	0.9896
2/17/2014	0.9971	0.9721	0.9721	2/17/2014	0.7802	0.7802	0.8696
2/24/2014	0.9849	0.9853	0.9853	2/24/2014	0.0209	0.0209	0.0213
3/3/2014	0.9975	0.9803	0.9803	3/3/2014	0.8795	0.8795	0.8419
3/10/2014	0.336	0.485	0.485	3/10/2014	0.798	0.798	0.991
3/17/2014	0.886	0.994	0.994	3/17/2014	0.884	0.884	0.993
3/24/2014	0.989	0.993	0.993	3/24/2014	0.983	0.983	0.941
3/31/2014	0.996	0.995	0.995	3/31/2014	0.876	0.876	0.91
4/7/2014	0.997	0.985	0.985	4/7/2014	0.943	0.943	0.932
4/14/2014	0.997	0.997	0.997	4/14/2014	0.998	0.998	0.998
4/21/2014	0.993	0.992	0.992	4/21/2014	0.991	0.991	0.985
4/28/2014	0.996	0.994	0.994	4/28/2014	0.998	0.998	0.999



FD POT Fraction and Live Time Fraction





ND POT fraction and Live Time Fraction

