



MINOS Status Report



- NOvA excavation dust wall removed 12/14/12; marks end of excavation work and start of steel work in new hall
- Have been running with HV on since 12/03/12 to get new calibration point w/o problems...
- EXCEPT when running new “refurb” DAQ (more later)



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- Working on spares for MINOS+
 - Fixed Minder power supplies
 - Enough MENU cards to fill 6 existing empty Minder boards (16 MENUs per Minder); will fill and test soon at Argonne
 - Will start work on 5 new Keeper (triggering/calibration/control) cards at Argonne
- Will turn ND magnet coil on this week



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- Readout continuing to work well
- Had some problems with DAQ needing restart; may be a bad RIO3 (front-end processor)
- Chiller now fully functional, but not fully tested until warmer weather



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- DAQ Refurbishment for ND—Recent progress:
 - ORC for new MINOS DAQ rack approved and signed December 5; rack has been on continuously since this time
 - Development has been rapid with remote access. Fixed problems due to scaling up from small test stand system to full system. Still debugging causes of DAQ stopping, but ran most of this last weekend.

Currently developing plan to test veracity of data, but superficially looks like data from old DAQ system (note 2000xxx run number)

- Thanks (a lot!) to Bill Badgett, Geoff Savage, Peter Shanahan, and Donatella Torretta of the PPD/EED/Online Support Group

