



MINOS+ Status Report



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All Experimenters' Meetings
July 8, 2013



ND Hardware



- Detector and Magnet **ON**
- Found boxes with extra VTMs:
 - One good board (S/N 10) has been installed in Crate 6 last Thursday
 - The others show various problems and are being worked on
- “Good spares” status:
 - 1 VTM
 - 3 Masters
 - 9 Minders
- Good opportunity to replace some hot/warm/dead channels (5)
- General plan is to address and fix any hardware issue to keep detector ready for beam



ND DAQ



- **new** DAQ Running continuously since last December
- The last readout issue has been identified and fixed by Bill Badgett last week :
 - ” **zero pedestal**” problem has been found to be related to the different Timer and Timer API between the old CES RIO3 and the MVME 5500
 - **solved** by increasing the length of the conversion time during charge injection calibrations (minos-online 2.3.0)
 - “**NO other known issues remaining**”
- Working on installing two new DCS computers underground
- Buying new quality servers replacements for the DAQ computers (raided disks, redundant power supplies)



ND Networking



- ND new networking rack, serving both MINOS and MINERvA, has been operational for about ten days
- No problems seen so far.



Far Detector



- Smooth DAQ running for the past few weeks
- Some issues with the disks on the gateways machines developed yesterday (mounted 'read only'). Dave Saranen is looking into this.
- Regular detector maintenance always underway
- No serious issues known



MINOS+ Readiness



- Regular shifts are underway
- Identify any outstanding issues; updating contact persons lists, procedures, fixing broken links.
- Working hard to confirm the ability to take good data when beam arrives