



MINOS Status Report



- Detector and Magnet ON since February
- Running new DAQ continuously since past December
- Calibration and Data Quality groups are comparing the data taken with new-DAQ and with the old-DAQ
 1. Discrepancies seem to be related to various hardware (readout) problems
 2. Focusing on fixing these
 3. When fixed, we'll take a few days of data with old-DAQ



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- We were able to fix most of the readout problems (Minders not read out or hot):
 - In some cases we had to replace the Minder with a spare
 - In others we had to replace the Master board
 - We are down to very few spares Minders and Masters boards
 - The bad boards will be sent to Argonne for repairs this week



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- DAQ problems in Branch 3 [ROP 7-9-11]:
replaced almost every component in the Branch
 - Optical & Differential PVIC cards
 - ROP11 (twice)
 - Copper cable between ROP09 and ROP11
 - Optical PVIC on ROP07
 - Power Supply for Crate 11
- Still investigating sporadic crashes in Crate 11
- All other crates running fine



FD refurbished DAQ



- The new DAQ rack is located on the mezzanine floor near the detector
 - network has been setup
 - MINOS online code has been deployed
 - all 8 DAQ computers and the gateway are operational
- Progress has been made using the PREP test stand here at FNAL to understand some readout issues.



MINOS Status Report



- Starting Shifts
 1. Ensure shift protocol is in place
 2. Identify any outstanding issues
 3. Confirm ability to take good data when beam arrives