



MINOS Status Report



- Detector and Magnet ON since February:
 - Power glitch last Friday ~6:28 am
 - ND Magnet tripped; reset the faults and powered it back ON
- Running new DAQ continuously since past December
- Calibration and Data Quality groups are comparing the most recent data taken with the new-DAQ and with the old-DAQ.



MINOS Status Report



- Investigating issues while taking calibrations with new DAQ
 - Found bug in VME DMA block transfer (Bill Badgett)
 - Plan to replace two Minders that show some errors and test the new code this week
- General plan is to address and fix any hardware issue to keep detector ready for beam
- Spares situation is improving:
 - two good spare Minders here
 - five to be repaired at Argonne
 - two good spares Masters here
 - four to be repaired at Argonne
 - two good spare RIO3 (old CPUs)
 - many Motorola 5500 (new CPUs)



MINOS Status Report



- Near Detector Networking
 - sealed rack with AC unit, to prevent dust buildup
 - new switches and routers
 - fire protection system in rack
- Schedule
 - After safety signoff (probably this week):
 - CD will install patch panels/cables between old-new networking racks
 - the actual switch over should only take a few hours
 - plan is to do this before June 17



MINOS Status Report



- Near Detector new Networking Rack/DAQ





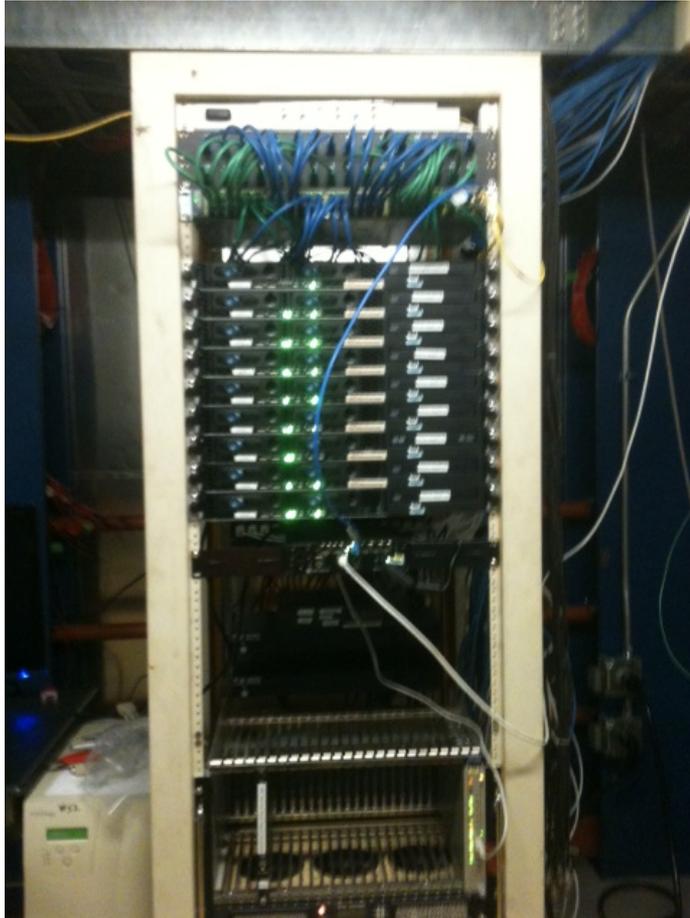
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- DAQ problems fixed two weeks ago (bad PVIC card)
 - Running smoothly since !
- VARC's board repairs update:
 - training session held at Fnal last week by Tom Boess (PREP, AD)
 - know-how transferred to Soudan personnel, Denise Osterholm
 - some equipment moved to Soudan to allow repairs on situ
 - 3 VARC's repaired at Fnal
 - 1 more at Soudan on Friday
- 3 RIO3s (old-DAQ CPUs) repaired at Fnal



FD refurbished DAQ



- Commissioning of the new FD DAQ continues
 - Crate Reset cards installed and working
 - Making progress in understanding VARC readout conflicts, using PREP test stand and real FD crates when possible



MINOS Status Report



- Started Shifts
 1. Ensure shift protocol is in place
 2. Identify any outstanding issues
 3. Confirm ability to take good data when beam arrives
 4. Certify Remote Shift Locations:
 1. GOIAS (Goiania, Brazil), 3x8 hours shifts last week
 2. BNL, last year, will test again
 3. Manchester, UK
 4. Austin, Texas