



All Exp Mtg
August 23, 2010

NuMI-MINOS Status Report - Nick Graf

Far Detector: Good news is that the FD is up and running with no major problems.

Near Detector:

- Lots of condensation on pipes due to high humidity (~90%), dripping onto Aler boxes and causing drip sensor alarms.
- Wiped off pipes and waited for humidity to drop.
- Replaced smoke detector junction box in HV mainframe 10.
- One air flow sensor in minder rack seems faulty.
- Voltage problems in one minder rack, affecting 4 planes. Doesn't seem to be power supply, being worked on.
- Another power supply was occasionally tripping, has been replaced.



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Magnet Issues

- Unable to run magnet due to decreasing cooling water resistivity.
- John Voirin determined there is a problem with the temperature controller.
- A work permit has been approved by the underground coordinator. We don't yet know how long this will take.

DAQ Issues

- Ran last night without 2 ROPs – corresponds to 40 planes in front half of detector.
- DAQ experts are hard at work on the problem.

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DAQ Issues

- Possible causes are ROP battery, PVIC, ROP board.
- Optimistic this will be resolved within a day.
- Also one of the DAQ computers had been crashing, seems alright now, will monitor it.