



# MINOS+ Status Report



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All Experimenters' Meetings

August 12, 2013



# Near Detector



- Detector and Magnet **ON**
- Spares status:
  - 4 good VTM
  - 8 good minders
    - Gary@Argonne has parts to build 10 more minders
- Two warm channels
  - Replaced one minder in crate 4 last Wednesday
  - Plan to replace the other one in crate 7 this week
- Low rate minders (0-20-1, 0-18-6)
  - HV appeared to be zero with HV probe
  - Possible improper probe use, or need loads
  - Swapping HV cables causes more confusing results
  - More investigation needed
- DCS Wiener Status
  - CANBus server got read errors when extracting info from it
  - Power cycled the Ethernet to CANBus adapter



# Far Detector



- Regular detector maintenance
- Another power bump Tuesday
  - The power bump lasted 6 seconds.
  - Crates 1, 4, 5, 6, 10, & 13 were knocked out
  - “208 UPS out with OP SHORT FAILURES”
  - Second time these UPS's have gone into such error state.
- Switch failure after power outage - replaced
- Brief network interruption Friday
  - Affected the pseudo-wire connection between Soudan and FNAL
  - 'router flap' on ESNNet
- ROP 13 crashed Sunday morning
  - Manually issued reboot command fixed it
- Other than these, in good shape in general



# ND DAQ



- DAQ crashed last Wednesday afternoon
  - Multiple resets, rebooted DAQ computer, restarted DAQ services did not help
- Fixed by substituting with a backup DAQ computer
  - daq05 replaced daq04
  - Service desk responded no change on daq04 has been made on Wednesday, except change to /etc/hosts on minus-dcs00 and dcs01 on Tuesday
  - A puzzle of not knowing what has been changed on daq04
  - Further investigation to prevent happen again



# MINOS+ Readiness



- A very rough past week dealing with DAQ
- Eventually back to work again
- Regular shifts are underway
- Working hard to confirm the ability to take good data when beam arrives