



MINOS Status Report



Benton Pahlka

NEAR DETECTOR



- ◆ Near detector brought back up safely with no harm done
- ◆ Minor misunderstanding of LCW pumps: they remained off for about a week after restart. Booster pumps were on, but we did not understand what ACNET was reporting.
- ◆ However, all temperatures for all racks/ electronics were nominal. Smooth running now.
- ◆ Bad UPS in the timing crate. Have several options for replacement including purchase of a new one.

FAR DETECTOR





MINOS Status Report



- ◆ One read-out processor (ROP) has recently been acting strange, investigating
- ◆ Recent leap second caused some devices to become out of sync, and powered off. This happens a few times per decade.
- ◆ Some other time syncing issues, investigating
- ◆ Water chillers are getting old, need replacement. Talking to DNR about funding.



Refurbished DAQ Status



- ◆ Current DAQ operating with no issues

Refurbished DAQ:

- ◆ In the data control process we have four separate systems
- ◆ Each one is built in software as separate entities
- ◆ One is a special package in MINOS offline software, now integrated
- ◆ Now, all systems can communicate with one another
- ◆ Code is ready to be tested

DAQ Test Stand:

- ◆ Test stand making good progress
- ◆ Most processes are running
- ◆ Can read out events, some debugging still left
- ◆ Should be ready by the end of the month, possibly sooner



Construction Area



- ◆ Need access to small part of construction area for TOF measurements
- ◆ Only required once every two weeks
- ◆ This can be pre-arranged with construction chief
- ◆ Will adhere to all regulations and PPE rules