



MINOS Project Update

Outline

- Remaining Decisions
- News
 - ◀ Reorganization of hardware meetings
 - ◀ Operating experiment
- Priorities for next 6 months



Remaining Decisions

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- Remaining Cost Update : plan for update in Jan-Feb
 - « Far Installation Task (\$400~500k) ↓
 - « Near Frontend electronics (\$600~\$700k) ↑
 - Remaining Decisions to be made
 - « Near de-muxing
 - * Proposal & Decision at this collaboration meeting
 - * If yes, with ~\$500k increase
 - « Dedicated Near electronics for CalDet
 - * Proposal & Decision at this collaboration meeting
 - * does not seem to have a compelling reason for ~\$500k price tag
 - « Far DAQ upgrade for higher bandwidth
 - * Proposal at this collaboration meeting, decision in April
 - « More planes for Far Detector : re-evaluate in early summer 2002



News

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- Reorganization of detector (hardware) meetings
 - « As production & installation activities became steady state operation, less needs for meetings to discuss “individual components”
 - « Time to reorganize meetings to serve for an operating experiment
 - * consolidate production & installation meetings
 - * initiate (consolidated) forums to discuss
 - plans for Far detector data taking
 - analysis results from Far Detector & CalDet
 - Operating experiment
 - « Fermilab-PPD started to ramp up financial support for Soudan Operation in FY01 (\$400k in FY01, \$415k in FY02)
 - « Level of support from UK being discussed



Priorities during next 6 months

- Keep up with detector production and Far installation
 - « Meet new set of goals for Far installation : rate & manpower
 - « Stay on top of safety
- Un-manned operation of Far Detector
 - « Fraction of **integrated DCS** has to work soon
 - « **Remote monitoring and operation of detector needed!**
 - * Plan to set up a Remote Control Room at Fermilab this year
- Near electronics integration test
 - « Internal review (final sign off before production) around April
 - « Participate in CalDet data taking in September
- Efficient ramp up of Near Plane Assembly in New Muon Lab
- Analysis and understanding of data & calibration procedure
 - « Data from CalDet and Far planes



Conclusion

- Detector construction progressing smoothly
 - « Everyone's outstanding effort should be commended.
- Moving toward to “working experiment”
- Planning ahead will give us maximum benefits
 - « organizational structures
 - « work execution plans (not only detector construction but also data taking & analysis)
 - « budget