

NDTF Control Room and Offline

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Outline

- Task Definition
- Schedule
- Personnel Effort Needs
- Funding Needs
- Constraints given current operations

Task Definition

- Control Room 1/2
 - System management – FNAL/CD/REX (Urish) .1 FTE
 - DCS environment Monitoring – Minos/UMN (Habig)
 - Acnet consoles – FNAL/AD ()
 - CRL – FNAL/CD/REX
 - JAS – Minos/BNL (Bishai)
 - Event Display – Minos ()
 - Beam Logging – Minos/BNL (Viren) 0.1 FTE

Task Definition

- Control Room 2/2
 - Run Control – Minos ()
 - JIRA Server – Minos/UMN (Habig)
 - Dispatcher – Minos/UMN (Kasahara)
 - Online Monitoring – Minos ()
 - Validation – Minos/Cambridge (Blake) 0.1 FTE
 - Using Minos training and documentation
 - No new components needed

Task Definition

- Offline
 - Code Management – Minos/FNAL (Hatcher) 0.1 FTE
mostly shared with Minos
 - Calibration – Minos/Oxford (Dejong et.al.) 0.2 FTE
 - Production – Minos/UTA,IIT,Oxford
(Mehdi/Rubin/Backhouse) 0.2 FTE
 - Data Quality – Minos/Cambridge (Blake) 0.1 FTE
 - Monte Carlo – Minos/FNAL (Hatcher)

Schedule

Control Room

- Demo remote ops in CY 2010
- Routine remote ops by March 2011

Offline

- 3 month training/transition following Minos nu-bar running (Summer 2011)

Personnel needed for Current Tasks

- Control Room effort
 - .1 FTE system, .2 FTE applications
- Offline effort
 - 0.5 FTE (code/data/cal/reco)

Personnel needed for Transition Tasks

- Control Room
 - 1 FTE-month to demo remote ops

- Offline
 - 6 FTE-months training
(code/data/cal/reco)

Materials Cost Estimates

- Control Room
 - Replace out of warranty computer systems roughly every 3 years
 - approx \$10K total, no immediate expense.
- Offline
 - 10% present Minos offline
 - \$10K/year net

Schedule Constraints

- Offline and Control Room do not directly affect Data Acquisition.
- Beam data loggers in both FCC and WH, plus option of recovering data from ACNET logs.