

MIPP Project Status

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Items



- **Gross Schedule**
- **Progress Since May**
- **Funding**
- **Issues from May Meeting**
- **Critical Issues**

Gross Schedule



- **Hard End Date: NuMI Startup**
 - Start Commissioning ~1/12/05
 - CD-4 Start Operations ~2/18/05 (in May was 2/9/05)

- **Short Term Schedule in Leon's Talk (next)**

Progress Since May



- **Project Manager Has Fallen Behind on Earned Value Report**
- **Tasks (Nearly) Completed Since May**
 - **Survey** **Integrated beam & experiment control network established.**
 - **Beam** **Piles open, all magnets in hand, design nearly frozen.**
 - **TPC** **Stand and cart designs ~complete, detailed drawing.**
 - **Magnets** **Assembled, favorable primary power solution near.**
 - **CKOV** **Rails and cart in fabrication.**
 - **DC2** **Stand in fabrication.**
 - **DC3456** **Stand conceptual designs done.**
 - **RICH** **Rails installed, stands fabbed, vessel on stands.**
 - **MC7** **Roof installed (doors next week).**

Funding



- **Livermore**
 - Increased FY02 Funding by \$100K (reduced non-MIPP obligations).
 - \$80K in procurements placed through Livermore
 - Saves Fermilab procurement taxes (16.67%)
 - Increases Livermore funds spent on MIPP.

- **Proposals**
 - Stockpile Stewardship Academic Alliances Proposals
 - Proposals reviewed in July
 - NSF
 - EPSCORE (South Carolina)
 - (Houston)
 - DOE NP
 - (Colorado, Columbia)

Issues From May Meeting



- **Gas Systems**
 - No progress since February
 - **Need system diagrams**
- **Electronics**
 - Engineering issues: rack space, power, cooling, protection
 - PREP issues: equipment testing
 - Readout and control
 - **Need system diagrams, channel counts**
- **Fiducialization of Detectors**
 - Don't be shy; alignment group is free!
 - Virgil Bocean, bocean@fnal.gov
- **MIPP–Fermilab MOU**
 - Dave Northacker accepted position as Engineering consultant to work primarily on gas systems.
 - **Need system diagrams**
 - Rack layouts, crate contents posted, **but need review.**
 - Then get PREP started stuffing, testing CAMAC crates.
 - Power, cooling, protection.
 - **Need system diagrams**
 - **Fiducialization of Detectors**
 - Computing and PREP needs understood, text not complete.
 - Need University commitments.
 - Need IB!

Critical Issues



- **IB & MIPP–Fermilab MOU**
 - Need Fermilab commitments on beam, computing, PREP.
 - Have to demonstrate University commitments.
- **Gas Systems**
 - Lots of them, take time to design, build.
 - Need system diagrams!
- **Drift Chambers**
 - Testing
 - Transfer frame weldment