

# MIPP Project Status

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**Peter Barnes**  
**Physics and Advanced Technology**  
**Lawrence Livermore National Laboratory**



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# Items

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- **Gross Schedule**
- **Progress Since February**
- **Funding**
- **Overall Status and Projections**
- **Critical Issues**

# Gross Schedule



- **NuMI Startup Has Been Holding Steady**
  - Start Commissioning 12/6/04
  - CD-4 Start Operations 1/14/05
- **Fermilab Long Range Schedule Shows MIPP Running To Summer 2005**
  - 6 month increase in running window

Year		2003	2004	2005
Tevatron Collider		CDF & DZero	CDF & DZero	CDF & DZero
Neutrino Program	B	MiniBoone	MiniBooNE	MiniB
	MI			MINOS
Meson 120	MT	Test Beam	Test Beam	Test Beam
	MC	E907/MIPP	E907/MIPP	E907/MIPP



# Progress Since February

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- **Tasks (Nearly) Completed Since November**

- **Beam** Optimized beamline design
- **BCKOV** Refurbishment nearly complete.
- **Targets** Target changer fab nearly complete,  
Liquid Hydrogen design to start this year.
- **TPC** Cathode plane installed, run to 10 kV,  
Leaks 90% repaired.
- **Magnets** Operational.
- **Chambers** All stands in hand,  
DC1, DC2, DC4 cleaned,  
DC4 to be installed next week,  
DC5 unpacked in PC4.
- **CKOV** Tank positioned, mirrors installed.
- **RICH** All boards in hand, rudimentary readout working.
- **ECAL** Planes assembled, waiting in MC8.
- **HCAL** Repairs nearly complete, stand design nearly complete.



- **Livermore Funds At Fermilab Nearly Exhausted**
  - \$35 K, reserved for specific procurements (APACS, gas system hardware)
- **Fermilab (PPD) Will Supply Technical Labor**
  - Estimated 4 technicians for Apr-Jun for installation
- **Fermilab Will Start Liquid Hydrogen Target Design Now!**
  - Long lead time (9 months)
  - Livermore could not fund this until FY04
  - Fermilab contribution gets this started much earlier
- **Funding Going to Be Very Tight to Finish**
  - Even with the new Fermilab contributions.

*Expect to get drafted for grunt work*

  - Already had calls for magnet mapping, now completed, chamber electronics shifts this week
  - *More coming up (cabling, stuffing racks, . . .)*