

MIPP Project Status

Peter Barnes
Physics and Advanced Technology
Lawrence Livermore National Laboratory



Fermilab, 14 February 2004



Funding

- **Bad News**
- **Status and Remaining Work**
- **More Bad News**
- **Good News**
- **More Good News**

Funding – Bad News I



- **Recall “Annual Bad News” from November**

- Livermore FY04 budget down \$175 K

- **Since Then**

- Dec Further \$364K cut
- Jan \$350K restored
- Feb 9 . . . But don't spend it yet!

Told to expect update on 18 Feb; I'm optimistic.

- **Recall Priorities:**

- 1. Fermilab work
- 2. Mortgages to Harvard
USC
- 3. Consumables for run
- 4. Support Livermore workforce

Funded

Contract signed 11 Feb

On hold until 18 Feb

Started gas purchases

FY04 SOW – Remaining (Large) Items



| WBS | Task | Cost | |
|--------------------------------|----------------------------------|----------------|----------------------|
| 5.1 | MC7 Enclosure | 101 K | AC, etc. |
| | HVAC | 52 K | |
| 5.2 | Upstream Beamline Detectors | 38 K | BC, BCKOV, T0 |
| 5.5 | CKOV Installation | 12 K | |
| 5.7 | CTGT Fabrication | 35 K | Need a plan |
| 5.9 | TPC Installation | 18 K | |
| 5.10 | TOF Installation | 4 K | |
| 5.11 | RICH Installation | 7 K | |
| 5.12 | DC Installation | 22 K | Includes APACS |
| | Gas Systems For All Above | | ~\$35K in Feb |
| 5.14 | TRG Installation | 8 K | |
| 6.6 | Operations | 52 K | Operating Gas |
| Total Costs | | \$296 K | |
| Spent as of 31 Jan 2004 | | \$195 K | |
| Remaining Budget | | \$101 K | |
| Remaining Work | | \$139 K | |

FY04 SOW – Good News



- **Mechanical Installation ~Complete**
- **Rack Protection Complete**
- **Gas Systems ~Complete - except the mixers**
- **Most Systems Approved for Unattended Electrical Operation**
- **Liquid Cryo Target Well Under Way**
- **First Shifts!**

More Good News



**“A successful project
is broke and finished
on the same day.”**

We’re going to be broke . . .

I hope this is the last “MIPP Project Status” talk I give.