

The Proton Team

- Charge
- Membership
- Schedule
- Homework and Some Issues
- Assignments

Charge

- Witherell to Finley
- Draft of Holmes 29 January "Identify users of protons over the period 2003-2010 and the demands represented by each. Establish realistic technical goals for delivery of protons, both from the Booster and Main Injector, over the period. Identify major modifications to the Proton Source and Main Injector that will be required to meet these goals assuming availability of Fermilab resources at the few x \$10M level over the period. Identify possible resources and opportunities for collaboration by institutions outside Fermilab. Suggest a organization for implementing a program of modifications, including opportunities for integration of outside collaborators."

Membership

- David Finley Chair
- Janet Conrad Co-spokesperson of MiniBooNE
- Doug Michael Co-spokesperson of MINOS

- Chuck Ankenbrandt Booster and Beam Physics
- Peter Kasper Booster
- Alberto Marchionni Main Injector Beam

- Eric Prebys Head of Booster
- Shekhar Mishra Head of Main Injector

- Ray Stefanski Secretary

Note: There is some overlap among Kasper, Prebys and Stefanski

Membership

- | | | |
|----------------------|-----------------------|-----------|
| • David Finley | Chair | MiniBooNE |
| • Janet Conrad | co-spokesperson of | MiniBooNE |
| • Doug Michael | co-spokesperson of | MINOS |
| • Chuck Ankenbrandt | Booster Beam Physics | ----- |
| • Peter Kasper | Booster | MiniBooNE |
| • Alberto Marchionni | Main Injector Beam | MINOS |
| • Eric Prebys | Head of Booster | MiniBooNE |
| • Shekhar Mishra | Head of Main Injector | ----- |
| • Ray Stefanski | Secretary | MiniBooNE |

Honorary Membership

- Some Contacts and Kibitzers

- Greg Bock NuMI Project Leader MINOS
- Elliott McCrory Head of Proton Source
- Roger Dixon Head of Beams Division
- Mike Church Deputy Head of Beams Division

- Steve Holmes Associate Director for Accelerators
- Hugh Montgomery Associate Director for Physics

These people and many others will be “interviewed” for their input.

Schedule

(as seen on February 12, 2003)

- Thursdays Noon to 130PM Racetrack (WH7X)*
 - Initial meeting 2/20 in WH1NE (“The Board Room”)
 - Racetrack has Video Link
 - Members report on findings
- ~ March 15: Brief Witherell et al.
- ~ March 29: PAC Verbal Briefing by Finley <<<***>>>
- May 1 Draft Written Report (in Word)
- ~ June 1 Final Written Report
- ~ June 15 Aspen PAC Briefing (if necessary)

* Greg Bock has a weekly conflict

Homework

- 3M Report (Michael / Martin / Marchionni) 2002
- Peter Kasper's talk to PAC 2002
- Eric Prebys' talk to AAC 2003

- Need web addresses for above ...

Some Issues

- Running MiniBooNE and NuMI contemporaneously
 - **con·tem·po·ra·ne·ous** *adj.* Originating, existing, or happening during the same period of time as in *the contemporaneous reigns of two monarchs*.

- Administration of controlled vs. uncontrolled losses

- Intensity and/or scheduling
 - “\$\$\$, people, time” and/or Program Planning
 - Linac and MI Fixed Target are scheduling (I suspect)
 - NuMI, MiniBooNE, Run II are Intensity

- Better protection for workers
- And ...

Assignments

- Finley: Chair
 - Outline of the Report and verbal reports
- Stefanski: Secretary
 - Take minutes and email them by “next Tuesday”
 - Will be one source for the Report
 - Send to all members including honorary ones
 - Use lots of enclosures and web addresses <<< do we need one?
- I do not want to halt ongoing activities, so
 - Prebys: Ongoing activities in Booster
 - Mishra: Ongoing activities in MI (including Bock)

Assignments: Beam Demands

- Primary / Helpers
 - Linac: Finley / Ankenbrandt
 - Booster, NTF, MUCOOL, Studies ...
 - Booster: Prebys / Kasper, Conrad
 - MiniBoone, Main Injector, Radiation Facility, Studies ...
 - Main Injector: Mishra / Marchionni, Michael
 - Run II, NuMI, MI Fixed Target, Studies ...

Assignments: Realistic Delivery Goals

- Primary / Helpers
 - Linac: Finley
 - Booster, NTF, MUCOOL, Studies ...
 - Booster: Prebys / Ankenbrandt, Conrad
 - MiniBoone, Main Injector, Radiation Facility, Studies ...
 - Main Injector: Mishra / Marchionni, Michael
 - Run II, NuMI, MI Fixed Target, Studies ...

Modifications and Money

- Include
 - Addressing of Issues and
 - Changes to Operations
 - Salaries, collaborations but not much money
- Include projects and big money here
 - Tasks: People, time, money
 - We'll advise on priorities as necessary
- Include the kitchen sink initially

Collaborations

- Booster
 - Conrad & Prebys with help from Michael
- Main Injector
 - Michael & Mishra (and Bock)

Organization

