

E907 MIPP – Fermilab MOU

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Outline of Draft E907 MIPP – Fermilab MOU



1. Introduction

- Scope, Definitions, Disclaimers
“not legally binding, currently satisfactory,
can be modified at any time . . .”

2. Personnel By Institution

- Need each institution to give input through the IB.

3. Experimental Areas and Beams

- 120 GeV/c slow spill protons
- 5–120 GeV/c (π Kp) $^\pm$ tagged
- Up to 3×10^{11} / 1 sec slow spill
- “Double slow spill” every 3 secs
- Minimum 4×10^5 spills $\left(\frac{\text{Single Slow Spill}}{10 \text{ Cycles}} \times 3400 \text{ hours} \right)$
- Run up to MINOS commissioning

MOU Draft Outline (cont.)



4. Schedule and Cost

- Extracted from Cost and Schedule Plan

5. Institutional Responsibilities

6. Fermilab Responsibilities

2. Beams

- Slow extraction, MC5 & MC6 beam line
- MI development shifts for double slow spill
- Deliver 7 “data points” of beam (defined in proposal, 7 comes from PAC presentation)

3. Computing

- Continue to support required packages
- Network bandwidth to enstore
- Mass storage, fnalu logins
- cpu cycles
- PREP modules
- “ODE support” (*added in discussion*)

Need #'s





6. Fermilab Responsibilities (cont.)

4. PPD

- Half of Leon Beverly's time
- \$100K (direct) in each of FY02 and FY03
- MC7, PK045, utilities
- Detector systems for life of the experiment
- Wilson Hall office space for $n \sim 10$ people (non-Fermilab collaborators)

7. Special Considerations

- Fermilab boilerplate