

Minutes, 6/09/04 Tevatron BPM Upgrade Meeting
Stephen Wolbers

This set of minutes, and all future minutes, are or will be deposited in the Beams Document Database as document number 792.

The agenda as announced consisted of:

1. Report from Bob and Steve
2. Update from jim/Dehong on the teststand
3. Reports from subproject leaders
4. Report from Jim Steimel
5. AOB

1. Report from Bob and Steve.

- MOUs for hardware and software support are being developed and moving forward for further comment and eventual approval.

2. Reports from L2 Managers

Rob Kutschke:

- Rob showed two plots from an analysis of data taken from the June 2, 2004 shot. Data was taken using the "long gate" and "short gate" modes. From that data Rob calculated p and pbar positions and compared the two measurements. This has been written up in AD doc #1197 and those interested should refer to that document.

- From the plots the proton positions in HA15 and VA14 changed on order of 10's of microns. The antiproton positions changed by approximately 500 microns. Neither effect is understood yet.

- It may be wise to repeat the measurements in a future store to see if the effect is the same (in magnitude and sign).

- Rob is working on the offline software specifications and plans to have version 6 out in a day or so.

Mike Martens:

- Mike is looking at calibration and reading the documents by Jim and Rob concerning calibrations. He will get together with Jim Steimel to discuss the issues.

Vince Pavlicek:

- Vince reported that the filter board layout will be complete soon. After that the first items for testing can be made, probably the week after next.

- The first two VME crates are due next week for evaluation.

- Vince is looking at the response to the hardware review.

- Cable testing will proceed soon.

- Bob asked about cable labelling and all agreed that a plan for proper labelling is extremely important.

Margaret Votava:

- Margaret has sent mail with comments about calibration and its impact on front-end software. Rob has responded. Others are asked to read and respond. (The mail was sent June 8 at 3:33 P.M.)

- Margaret discussed the possibility of putting together a second test stand. The hardware testing and software testing will, if they haven't already, interfere. Jim, Vince and Margaret will discuss and plan creation of a second test stand.

Tim Kasza:

- D4 cables were pulled. E1 was started but turned out to be difficult. Will finish E1 during the next opportunity and then there are a few more buildings left.

Jim Steimel/Dehong Zhang: Test Stand

- Dehong worked on the VME driver in preparation for the 4 modified EchoTek boards and testing, expected next week.

- Jim is organizing hardware and equipment needed for making measurements on the teststand.

- Jim is talking to Greg Vogel and others to find an opportunity to enable the beam synch triggers. If these cannot be enabled in a timely fashion Jim will look into other ways to get real or faked triggers of this type.

- Jim talked with Marv Olson about connecting the pbar ends in the tunnel whenever opportunities present themselves.

Jim Steimel: Technical Coordinator Report

- No meeting will be held Thursday June 10.

4. AOB.