

Minutes, 9/24/03 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 Steve and Bob.
2. Reports from L2 managers.
3. AOB.

1. Bob and Steve:

- The requirements review is complete and the report will be sent to everyone.
- There is a budget request for the project due Friday, October 3. Jim Steimel, Bob Webber and Steve Wolbers will put it together. There will be some uncertainty ("contingency") in the request because we have not yet specified the exact hardware and systems required to complete the project. As far as I know this request does not include effort.
- A summary of the project status has been requested by Jeff Spalding. Steve and Bob will create a short list of bullets for Jeff and send it by week's end.
- An Echotek discussion will occur Thursday, Sept. 25.
- Tunnel work continues. It has now been found that most if not all of the cables are foam 8. The question of the availability of the F sector cables is now resolved. For the present time the cables will be used to look at the MI beam extraction. Once the Tevatron BPM project is ready to use the cables they will be turned over to the project and a decision about pulling new cables will be made.

2. Subproject Leader Reports:

Jim Steimel:

- Jim showed an update of the specifications and hardware architecture. These can be found in the Beams Doc DB as documents 836 and 837 (updated).

This led to a long discussion of the hardware architecture, the crate layout, the front-end, calibration and diagnostics, and especially software.

In particular a question of what needs to work when the new system is commissioned was discussed at length. There is a long list of questions about the data, data format, programs and applications, databases, calibrations and time-dependent calibrations that need to be thought about, discussed and some decisions made over the next weeks and months.

Other subproject status:

According to my notes the other subprojects did not have time to report this week. Next week we will hear from those who did not have time last week.

3. AOB.

Next week's meetings are not yet set. Email will be sent with details as they are known. At least one project meeting and it will likely occur on Wednesday, October 1.