Minutes, 9/10/03  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:

   Steve introduced Bakul Banerjee, who will be working on the
technical implementation of the wbs for the project.  Many of the
sub-project leaders will be seeing more of her over the next
weeks as we develop the project.

   Steve showed an email announcing that the committee for a
review of the requirements has been formed.  The committee
consists of Don Edwards (chair), Mike Syphers, Mike Church, John
Marriner, Dave McGinnis, Al Baumbaugh.

2. Reports

- Mike Martens:

  The requirements document v3.0 is now posted and final.  It is BD Doc 554.

- Jim Steimel:

  Jim is working on a specifications document for the BPM
electronics.  He will likely have an outline to show next week.

  Jim gave a long discussion (with contributions from Bob
Webber) about the BPM data that was taken during the past weeks.
 A copy of Jim's slides can be found as BD Doc #821.  Bob's slides
can be found as BD Doc #822.  Rob Kutschke has promised to get the
data put in a place where it is available for everyone.  The data
Jim showed was quite interesting and showed how some of the
reflections of signals in the system can show up when
measurements are made.  It is likely that all BPM's are slightly
different.

- Vince:

Reading documents.

- Brian:

  Brian has completed a survey of TeV BPM applications.  His
lists can be found as BD Docs 823 and 824.  His survey was meant to find all the
applications and to classify them as 1) needs to be rewritten, 2) OK as is, 3) obsolete.
This classification shows that out of 14
BPM applications 3 should be rewritten.  Due to the tight
coupling of the BPM and BLM readout and applications Brian also
looked at the BLM applications.  Many of these are simply parts
of BPM applications.   In the BLM application survey 2
applications which are unique to BLM should be rewritten.

- Discussion:

  This led to a discussion of the BLM system.  If we plan to
replace the interface hardware and software of the BLM system
then a natural question is how coupled that work is to the work
that is being done on the BPM system.  Do we have to wait or can
we proceed on the BLM part of the project?  It is a good question
and should be examined.

Next week:

Next Monday September 15 there will be no meeting.
Wednesday September 17 we will have a project meeting.
Thursday, September 18 ?