Minutes, 4/04/05 Tevatron BPM Upgrade Meeting
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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:

  Status of BPM Upgrade
  Plans for installation

1. Status of BPM Upgrade

  - Mike Martens gave an extensive report on the data coming from the
TeV BPM. He is keeping this information in the BPM logbook.

  - In summary, many of the operations and capabilities of the new system are
functioning properly. However, first turn injection measurements still have some
problems, and there seem to be a couple of different (but related?) problems with getting
data at the proper turn number (~6000 turns early) or in the right sequence (the missing
TCLK problem). There were many other problems with SDA data, INJECT FRAME
problems (probably related to the turn number problem), etc.

  - Rob Kutschke also reported on data and has seen the missing turns since March 27.
Rob promised to look at individual channels (rather than whole houses) and that he will
report on as he gets the information.

2. Plans for installation

  - Given the first turn injection problems it is clear that highest priority should be given
to debugging those problems.

  - Mike continues to allow installation of houses as we get the opportunity to do so. The
next in line are E2,F2,A4,B4.

  - A4 has splitters on some of the proton channels, as does A0. We need to be sure that
proper splitters on the analog signals are provided before we install those houses. Jim
and Marv will ensure that gets done.

3. AOB

  - We will meet Wednesday April 6 for a project meeting.

  - Bob has requested a discussion on "Safe mode" and Rob has requested a discussion on

calibrations and pbar cancellation and these will be scheduled.

   - A request to upgrade all of the timing card firmware was made. Bill Haynes will coordinate this with Jim and Marv and they should go ahead.

   - Someone needs to decide what to do about daylight savings time changes (and back to standard time) as far as the front-ends are concerned.