Minutes, 3/21/05 Tevatron BPM Upgrade Meeting
Stephen Wolbers

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deposited in the Beams Document Database as document number
792.

The agenda as announced consisted of:

  - Turn by turn problems: Status and plans
  - Backup for spring break week
  - AOB

1. Turn by turn problems: Status and plans

  - Thursday last week a meeting was held to discuss the turn by turn measurement
errors. The conclusion of the meeting was that it looked like a problem with Echotek
setup when closed orbit measurements were interrupted and the system was put into TBT
mode.

  - Thursday and Friday Bill Haynes modified the timing card so that we could try to
create the problem on the teststand under controlled conditions. At the same time
Dehong and Luciano modified the front-end code to properly address the circumstance
where triggers are coming at an unexpected time. The problem has been created on the
teststand and this new front end code does protect against it.

  - This is not proof that we have solved the problem so more testing will certainly be
required. But the evidence seems to indicate good progress and the new front end
software will be installed.

  - Crate installation will now go forward. We will skip F2 for now and continue on the
previous crate order with F2 likely to be right after E2.

    B0,D0,A2,B2,C2,D2,E2,F2,A4,B4,C4,D4,E4,A1,B1,C1,D1,E1,A0,F3,F4,F1

  - Jim would like to set the pre-trigger delay on the houses and will be working on that
this week.

2. Backup for spring break week

  - Many people will be away during the week of March 28. Backups have been
identified for many but not for all people yet.

    Brian -> Lin
    Jim   -> to be determined

Tim K. -> Rick Mahlum

- We decided that Marv will arrange for crate installation until he is told to stop. He will not need a positive go-ahead.

3 AOB

- Wednesday's meeting this week will be in the Huddle.

- Mike Martens has looked at the BPM's since last week and they all passed the diagnostic tests and the profiles look good.

- Thursday the FCC3 AD network will go offline because of work on the fiber connection in WH7. Hopefully we can get restored reasonably soon after the work is done.