Minutes, 9/17/03 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. Tunnel work report.
   4. AOB.

1. Bob and Steve:

   - We met with Vince Pavlicek and Mark Bowden to discuss
     projects. All subproject leaders are warned that Bob and
     Steve will meet with them occasionally to discuss their
     parts of the project.

   - Bob had a short discussion with Don Edwards about the
     requirements review. It looks to be going forward
     nicely.

   - It has become clear that we will need a plan for
     integration of the new system (BPM and BLM).

   - Bakul will come around to talk to all of the subproject
     leaders to gather up information necessary to create a
     wbs for the project.

   - Bob and Steve met with the Director's Run II task force
     on Monday to report on the state of the project.

   - Bob, Steve, Vince, Mark and others will meet with Bill
     Foster on Thursday Sept. 18 to discuss the damper board
     and its possible applicability to the Tev BPM.

2. Reports:

Rob Kutschke:

  - Rob has had extensive discussions with Brian Hendricks to
    understand the controls system structure. In addition he
    sat in on a shot setup in the main control room. He met
    with Jean Slaughter's group.

- The issue of time-dependent calibrations is flagged as an important consideration in the new system.

- Learning accelerator physics and reading "Bumps for dummies."

- Rob brought up the issue of whether studies information is or can be logged into the Sybase DB.

- Will start coding real applications soon.

Jim Steimel:

- Jim showed some slides (found in Beams Doc DB #837) for the specifications. In particular he showed the purpose of the specifications and an architecture skeleton that they are based on.

- Jim showed an outline of the proposed specification document. This can be found in Beams Doc DB #836). These are an early version and there will be changes.

- There was a discussion of the prioritization of the writing of sections of the specifications. It was agreed that the sections relevant to signal processing would be first. A set of these specifications will be ready within a week.

Mike Martens:

- Nothing new. Will get in contact with Don Edwards to provide information for the review if needed. Mike will be away next week.

Vince Pavlicek:

- Test stand has been set up in CD to look at Echotek board. Should be able to use a signal generator to provide input soon.

Margaret Votava:

- Next Tuesday at 10:00 A.M. in FCC2A there will be a talk by Stephen Pordes about accelerator terminology.

3. Status of tunnel work:

- Fritz Dejohngh sent an email with the status of tunnel work as
  of Wednesday morning, Sept 17. That message is repeated here:

   Judy and Tom Boes have been working since Monday on the electrical
offsets measurements. We've also made progress on the p-bar cabling,
which is specifically for the new system:
1) Marv is training Ken Koch and Bill Barker starting this morning to
prepare the existing main-ring cables. They will start by pulling back
the ones that are too long, and dressing up the ones that are too short
(but are dangling at the wrong place) and figuring out how long the
extension has to be. On a 2nd pass, they'll replace the BNC connectors
with N-type.
2) We've been locating cable for the new cable pulls. We're working
with Jim Ranson on this, who coordinates the electricians. Jim is going
to gather the spools we've found, and see if he can find more. We may
have to order a few more. We also have some other cables that aren't on
spools, and we'd have to wind that onto spools for the electricians to
use it, so it might be better to buy new.
3) We have plenty of cable for the extensions, and we're waiting for the
connector order, so we still have to organize making the extensions.

   Fritz

4. AOB.

   Next week's meetings are not yet set. Email will be sent with details as they are
known. At least one project meeting is expected.