Notes from October 14, 2004 TeV BPM Upgrade Meeting
Stephen Wolbers

Gustavo Cancelo -- Progress on Graychip Filters

   - Gustavo's transparencies can be found in the AD doc DB #1414.

   - For details please refer to the transparencies.

   - Gustavo showed the results of some work that he has done on two different filters --
the "batch envelope" filter and a "wide band" filter.

   - Both show promise and are ready for testing.

   - Some discussion of how to best proceed. Clearly we need to focus on a "baseline" for
the commissioning. On the other hand the investigations and thinking will surely help to
define the operating conditions and possible improvements in the system and so should
be pursued.

Eric James -- Echotek Update

   - Eric's transparencies can be found in the AD doc DB #1413. For details please see the
transparencies.

   - Eric showed his progress in understanding the Echotek and how the output is mapped
to the memory and how it can be read out and understood.

   - The behavior is understandable given the way that people believe that the Echotek
board works.

   - The results are encouraging, will help in understanding and using the board, and work
will continue.

Rob Kutschke -- Position vs Intensity Study with beam data

   - Given Jim's results from Monday Rob Kutschke has investigated the position
measurement as a function of the number of bunches (or intensity). The results are
written up in AD doc DB #1406.

   - The dependence of the position on intensity is remarkably similar to that seen in the
bench tests. The same is true of the resolution as a function of intensity.