Minutes: SBS Meeting November 28, 2012

Attendees: Bogdan Wojtsekhowski, John LeRose, Mark Jones, Seamus Riordan, Brian Quinn, Alexandre Camsonne, Carlos Ayerbe Gayoso, Doug Higinbotham, Nilanga Liyanage, Kondo Gnanvo

1) Alexandre Camsonne discusses DAQ developments
   a) From his e-mail
      i) I don’t have much to report for the TEDF I am just getting back to it.
      ii) I will need a bit of help to install the TS crate. (TS = Trigger Supervisor)
      iii) I can test the board flipping and try with two crates.
      iv) I got back one MPD from Nilanga and the latest version of Evaristo library.
      v) I managed to link Evaristo program against the CODA intel vme library. I need to test it with the board to debug. First with Evaristo’s standard package and after with CODA.
   b) Goal is 10khz operation with deadtime ≤ 10%. Hope to achieve by the end of January.
   c) Found a bug in the trigger interface and fixed it.
   d) Hope to finish set up in the TEDF this week
   e) Discusses with Nilanga and Kondo problems with latest version of Evaristo’s DAQ code
      i) High noise and bug issues
      ii) Data shifts from one APV to another, don’t know why. Talking with Evaristo to learn more.
      iii) Bug freezes operations
      iv) Old version of DAQ works but not reliable.
      v) New code apparently works fine in Rome

2) Bogdan Wojtsekhowski asks about people’s interest in submitting abstracts and going to the APS/GHP meeting in Denver in April.
   a) Alex says April is too early
   b) Various people said maybe (Seamus Riordan, Doug Higinbotham, Nilanga Liyanage, Brian Quinn)

-JJL