

Minutes: SBS Meeting August 29, 2012

Attendees: Bogdan Wojtsekhowski, John LeRose, Alexandre Camsonne, Bob Michaels, Charles Perdrisat, Vina Punjabi, Mark Jones, Carlos Ayerbe Gayoso, Doug Higinbotham, Seamus Riordan, John Annand, Mahbub Khandaker, Thia Keppel, Nilanga Liyanage

- 1) John Annand reports:
  - a) Progress with NINO boards
    - i) Has a prototype
    - ii) Debugging
    - iii) Basically the board works. There are some fixes to do.
  - b) Elements of the timing hodoscope assembled
    - i) Signals look reasonable
    - ii) Some modifications to do
- 2) Seamus Riordan reports he's getting close with GEANT simulations for SBS
- 3) Alexandre Camsonne gives talk on SBS/A1n DAQ Status
  - a) See [link](#) for pptx slides or [link](#) for pdf
    - i) Outline
    - ii) Overview:
      - (1) VME for GEM's FASTBUS for other detectors
      - (2) Multiple crates to reduce deadtime
    - iii) FASTBUS detectors
      - (1) Need 18 crates
      - (2) Inventories what we have
        - (a) Need to clarify
        - (b) Have plenty of crates
        - (c) Need power supplies and SFI's
        - (d) Prompts question
          - (i) SFI's will soon be obsolete, why use them?
            1. Bogdan says if we stock up it's much cheaper
            2. Quick estimate VME \$1M!
    - iv) Test stand set up in TEDF
    - v) Making progress with module flipping to reduce encoding deadtime
    - vi) INTEL CPU status
      - (1) Installed LINUX operating system
      - (2) FASTBUS readout working
    - vii) MPD/APV25 status
    - viii) List of open questions
    - ix) To do/timeline
    - x) Conclusion
      - (1) In summary there's a lot to do. Alex could use some student/Post-Doc help.
  - 4) John LeRose goes over the changes need in the PMP to accommodate the Scintillator Coordinate detector
    - a) See [link](#)
    - b) Re GEM spares consensus is to keep the total spares the same as before

c) Lubomir Pentchev tasked (last Friday 8/24) with clarifying the Coordinate detector

-JLL