Minutes: SBS Meeting April 17, 2013
Attendees: John LeRose, Alexandre Camsonne, Bogdan Wojtsekhowski, Charles Perdrisat, Kondo Gnanvo, Gordon Cates, Evaristo Cisbani, Nilanga Liyanage, Robin Wines, Sergey Abrahamyan, Vladimir Nelyubin, Brian Quinn

1) Robin Wines reports on the design status for SBS Basic
   a) See linkppt or linkpdf
      i) Shipping magnet details
      ii) Power supply draft spec in hand. Seeking budgetary quote.
      iii) Experimental configurations completed. Steel cutout defined.
      iv) Field strength issue, somewhat less than original spec. Need full integral and maybe not really a problem.
      v) Continue design of support and counter weight
      vi) Shows design kinematics (If you think something is missing see Al)
      vii) Shows various pictures and graphs
            1) Gusset design on magnet stand gets some discussion.

2) Kondo Gnanvo gives update on SBS Back Tracker work at UVa
   a) See linkpptx or linkpdf
      i) Preliminary tests and results
         1) Pedestal noise
         2) Cosmics data
         3) Gain (non) uniformity (some discussion gas flow vs. readout)
      ii) Changes for the next two prototypes
         1) Faraday cage shielding (to reduce noise)
         2) Add safe area (1 mm) around the frame on GEM foil.
         3) New gas distribution (top to bottom instead of side to side)
         4) Adjust charge sharing by changing readout strip widths
   b) Nilanga adds at end, these are all small changes from here. He expects to be ready to start production in the fall.

   -J JL