Hello Scott,

per our verbal discussion yesterday pm, here is the promised orientation of the magnet:

the chicane magnets are C-type dipoles that in the undulator hall have the poles and open C on the right hand side or wall side (S) and the coil side on the left or isle side (N) (as per the PDR and verified with Jim yesterday).

Beam deflection is to the left in magnet #1 (BXSS1) and magnet # 4 (BXSS4). This requires the bottom pole to be a "North" pole for electrons. Magnets # 2 (BXSS@) and magnet #3 (BXSS3) deflect the beam to the right (south), which requires the top pole to be a "North" pole.

Lastly, you had recommended that we do the standardization using a

maximum current of 12 A to get the most precise standardization , which I put into the draft magnetic measurements document. When I discussed this with Jim, he felt that we not go that high since our max max anticipated current is only ~ 8.5 A. So we agreed to a compromise of 9 A.

Greetings, Dieter