



Jefferson Lab Alignment Group

Data Transmittal

TO: B.Miller,S.Stepanyan

DATE: 04 Mar 2015

FROM: Steve Hardisty

Checked: cwg

: B1602

DETAILS:

data M:/align/data/Step2b/Hallb/HPS/150302A

Below is the current location of the HPS calorimeter and the differences from the previous survey in Oct. of 2014. Since the calorimeter was not fiducialized, the coordinates are given to the tooling ball locations only. The X and Y positions are relative to beam and the Z location is relative to the ideal Z position of the Pair Spectrometer. A positive X is to the beam left, a positive Y is up and a positive Z is downstream.

	10\2014				03\2015			Deltas			
	X	Y	Z		X	Y	Z	X	Y	Z	
	(mm)	(mm)	(mm)		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
CTOP_A	-297.99	233.30	937.85		-298.42	233.64	939.16		-0.43	0.34	1.30
CTOP_B	-297.66	233.43	1087.80		-298.01	233.81	1089.09		-0.34	0.38	1.29
CTOP_C	517.26	233.27	937.23		516.81	233.17	938.23		-0.46	-0.10	0.99
CTOP_D	517.76	233.34	1087.27		517.38	233.22	1088.19		-0.38	-0.11	0.92
CBOTT_A	-299.57	-232.09	937.21		-299.90	-232.19	937.27		-0.33	-0.10	0.06
CBOTT_B	-296.38	-232.45	1086.18		-296.76	-232.51	1086.27		-0.38	-0.06	0.09
CBOTT_C	517.58	-231.25	936.03		517.23	-231.68	935.71		-0.35	-0.42	-0.33
CBOTT_D	517.82	-231.24	1086.11		517.54	-231.72	1085.80		-0.27	-0.48	-0.32