



Jefferson Lab Alignment Group

Data Transmittal

TO: M. Mnych, J. Zhang

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Checked: TPSIII

: C2046

DETAILS:

M:\align\DATA\Step2B\HALLC\220805A

Below are the results of the 08/05/2022 Hall C detector test stand survey. The Beam Following coordinates are the amount offset relative to the design Hall C target with +X to the left of beam, +Y is above beam, +Z is downstream. Angles are reported using the right-hand rule; +Yaw is a counter-clockwise rotation looking from above.

Component	Beam Following			Yaw[deg.]
	X[m]	Y[m]	Z[m]	
US_DET_FLNG	8.4369	-0.00934	1.09884	
DS_DET_FLNG	9.83147	0.00542	1.28951	
DETECTOR				82.2147
Dist. between flange [m]	1.40762			

