



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Meekins, D. Gaskell

DATE: 12 Oct 2017

FROM: Jacob Walker

Checked:

: C1819

DETAILS:

Data: Step2B\HALLC\Target\170815A

Below are the results of the 08/15/2017 Hall C target survey. These results are in millimeters and degrees. These results are relative to a beam-following coordinate system; +X is left of beam, +Y is above beam, +Z is downstream of origin. Angles are reported using the right-hand rule; +Pitch is a counter-clockwise rotation looking from left, +Yaw is a counter-clockwise rotation looking from above, +Roll is a clockwise rotation looking from upstream.

Hall C Target Survey Results

Component	X(mm)	Y(mm)	Z(mm)	Pitch(°)	Yaw(°)	Roll(°)
Target Block				-0.029	0.153	0.088
Loop1 10cm	-0.20	0.23	-0.34			
Loop1 4cm	-0.37	0.18	-0.33			
Loop2	0.01	0.27	-0.35			
Loop2 repeat	0.05	0.26	-0.35			
Loop3 10cm	0.40	-0.03	-0.25			
Raster	0.32	-0.03	-0.00	0.105	-0.123	
Target Ladder				0.082	-0.309	0.089
Carbon Hole	0.22	0.10	1.54			