



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Meekins

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Checked:

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DETAILS:

Data: 2B\HAtgt\2017\170214a

Below are the results from the recent Hall A target survey. Values are in millimeters and degrees relative to ideal target center. A +X is to the beam left, a +Z is downstream, and a +Y is above. A + pitch angle is counter clockwise looking from the beam left side, and a + yaw angle is ccw looking from above.

LOCATION	X	Y	Z
US Ar CELL FLANGE SET	-0.08	0.00	-193.54
DS Ar CELL FLANGE SET	0.12	0.00	115.04
US Ar CELL FLANGE REP	-0.20	0.03	-193.63
DS Ar CELL FLANGE REP	-0.02	0.01	114.96
CARBON HOLE TGT SET	1.58	0.02	~ 1.2
CARBON HOLE TGT REP	1.61	0.17	~ 1.3
US SOLID TGT LADDER			-3.51
LOCATION	YAW	PITCH	
DUMMY TGT LADDER	0.303	0.057	
SOLID TGT LADDER	0.583	0.157	