



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

DT_C851

Details:

The results of the Hall C target survey performed on March 26, 2003 are listed below. The locations of the fiducials on the target cell blocks are relative to their ideal position. Values reduced to the can center are also given. The values are in millimeters in a beam following right-handed coordinate system with +Z downstream, +X to the beam left, and +Y up.

Z locations of the foils are relative to the ideal interaction point; pitch and roll are in milliradians, positive rotations are counter-clockwise around the axis of rotation.

Fiducial	DZ	DX	DY	Can Z	Can X	Can Y
T1_A	2.78	-0.58	0.06	2.81	-0.57	0.07
T1_B	2.96	-0.00	1.13			
T2_A	2.80	-0.70	-0.07	2.79	0.70	-0.06
T2_B	2.85	-0.40	0.54			
T3_A	2.68	-1.30	-0.12	2.55	1.28	-0.11
T3_B	2.96	0.13	1.03			

Foil	Z location	Pitch	Yaw
FOIL1	-71.10	4.91	0.95
FOIL2	-33.53	14.57	2.92
FOIL3	-15.77	13.75	4.11
FOIL4	3.74	3.73	4.60
FOIL5	23.93	6.92	6.98
FOIL6	41.49	14.30	0.07
FOIL7	79.11	16.13	2.60

