



Jefferson Lab Alignment Group

Data Transmittal

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: A1162

DETAILS:

Data: Step2B\HALLA\TARGET\2008\080327A

Below are the results from the recent survey performed on the Hall A target. A +X is to the beam left from ideal (in millimeters), a +Z is downstream, and a +Y is above.

TARGET CELLS

LOCATION	DZ	DX	DY
Top cell block L1 Top cell:	-0.14	0.29	0.29
L1 Bot cell:	-0.28	0.35	0.34
Mid cell block L2 Top cell:	0.21	0.56	0.45
L2 Bott cell:	-0.02	0.30	0.18
Bot cell block L3 Top cell:	0.41	0.72	0.09
L3 Bott cell:	0.30	0.99	0.23
Top cell block L1 Top cell repeat:	-0.16	0.61	0.45

SOLID TARGET LADDER

LOCATION	DZ	DX	DY
Upstream 6cm dummy:	-25	2.14	0.21
Downstream 6cm dummy:	34	2.16	0.05
Carbon hole:		0.28	-0.05
Upst face target ladder frame:	-6.75		

Frame pitch: 0.178° counter clockwise looking from beam right.

Frame yaw: 0.224° counter clockwise looking from above.