



Jefferson Lab Alignment Group

Data Transmittal

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FROM: J. Dahlberg

Checked:

: A1240

DETAILS:

Data: Step2B\HALLA\TARGET\2009\090818A

Below are the results from the Hall A target survey carried out on Aug 18, 09. A +X (in millimeters) is to the beam left from ideal, a +Y is above, and a +Z is downstream. A +yaw angle (in degrees) is counter clockwise looking from above, a +pitch angle is ccw looking from the beam right side, and a +roll angle is cw looking from the upstream.

RACETRACK TARGETS

LOCATION	Z	X	Y	YAW	PITCH	ROLL
20 cm 1	-0.88	-0.18	0.53	0.183	0.094	0.042
20 cm 2	-0.37	0.07	-0.23	0.149	0.003	0.111
25 cm 3	0.20	0.25	0.38	0.206	-0.092	-0.023
25 cm 3 rep.	0.29	0.21	0.39	0.209	-0.083	-0.001

TARGET LADDERS (all measurements to the upstream face)

LOCATION	Z	X	Y	YAW	PITCH	ROLL
Upst Dummy	-125.79	0.01	0.64			
Dnst Dummy	124.05	-0.35	-0.22			
Top H2O	-7.54	-0.01	0.02			
Carbon	-7.61	-0.05	-0.32			
Tgt ladder frame	-7.70	**	**	0.125	-0.117	