



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** J.P. Chen, D Meekins, J. LeRose

**DATE:** 13 Feb 2008

**FROM:** J. Dahlberg

**Checked:** kjt

**# :** A1157

**DETAILS:**

Data: Step2b\halla\target\2008\080208a

Below are the results of the recent Hall A solid target post run survey. A +X is beam left from ideal target centerline, a +Y is above, and a +Z is downstream. A +pitch is counter clockwise looking from the beam right, and a +yaw is ccw from above. Values are in millimeters and degrees. The coordinates for the top four solid targets are calculated to the center of each target foil, and the Z coordinate for the bottom frame is to the upstream face.

<b>COMPONENT</b>	<b>Z</b>	<b>X</b>	<b>Y</b>	<b>Yaw</b>	<b>Pitch</b>
S1 (Top)	1.85	-0.53	-0.68	-0.54°	-0.01°
S2	0.84	-2.80	-0.70	-30.54°	-0.54°
S3	1.03	-2.64	-0.74	-30.53°	-0.51°
S4 (Bot)	0.94	-2.28	-0.84	-30.60°	-0.46°
Bot target frame	-9.18			-0.53°	-0.21°