## Jefferson Lab Alignment Group

-Jefferson Lab =

**Data Transmittal** 

TO: D. Meekins, C. Munoz Camacho	DATE:	06 Mar 2015		
FROM: Thom Singleton	Checked: JD	<b>#:</b> A1606		
DETAILS:	DATA\Step2B\HALLA\TARGET\2015\150223A			

Below are the results from the recent survey on the Hall A target carried out Feb.  $23^{rd}$  2015. Values for the targets, (in millimeters and degrees) are relative to ideal Hall A pivot center with a +X to the beam left, a +Y above, and a +Z downstream. A +yaw angle is counter clockwise looking from above, and a +pitch is ccw looking from the beam right.

TARGET	Z	X	Y
Loop 2 US flange Loop 2 DS flange Loop 3 US flange Loop 3 DS flange	-221.31 -104.03 -221.62 -104.33	0.16 0.14 0.80 0.82	0.19 -0.01 0.25 -0.21
2 mm Carbon Tgt		0.11	-0.10
Cylindrical Tgt US er Cylindrical Tgt DS er		0.31 -0.09	0.14 -0.10
Tgt ladder pitch Tgt ladder yaw	-0.3657 deg -0.4233 deg		

Solid tgt frame yaw -0.1784 deg