



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** D. Meekins

**DATE:** 17 Nov 2014

**FROM:** Steve Hardisty

**Checked:** JMW

**# :** A1590

**DETAILS:**

DATA\Step2BIHALLA\TARGET\2014\141112A

Below are the results from the recent survey carried out on the Hall A targets for the DVCS experiment. 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.

TARGET	Z	X	Y
1_US_FLG	-221.49	0.02	0.26
L1_DS_FLG	-103.81	0.01	0.28
L2_US_FLG	-221.41	0.95	0.07
L2_DS_FLG	-103.82	1.01	0.08
L3_US_FLG	-221.30	1.63	0.33
L3_DS_FLG	-104.00	1.30	0.42
YAW	0.0967°		
PITCH	.0439°		
ROLL	.1211°		
CARBON TGT	1.05	3.74	-0.28
TGT LADDER	-4.21	3.70	0.22
WIRE TGT	0.46	0.09	0.94

REPEATED MEASUREMENTS			
TARGET	Z	X	Y
L1_US_FLG_RPT	-221.19	0.13	0.32
L1_DS_FLG_RPT	-103.81	0.11	0.28
L3_US_FLG_RPT	-221.28	1.67	0.35
L3_DS_FLG_RPT	-103.97	1.64	0.40