



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** D. Meekins

**DATE:** 06/07/2018

**FROM:** Chris Gould

**Checked:**

**# :** A1867

**DETAILS:**

M:\align\DATA\Step2B\HALLA\TARGET\180103A

Below are the results from the recent Hall A post run target survey. Values are in millimeters and degrees relative to ideal target center. A +X is to the beam left, a +Z is downstream, and a +Y is above. A + pitch angle is counter clockwise looking from the beam left side, and a + yaw angle is ccw looking from above.

	X	Y	Z
US Beam Pipe	0.05	-0.53	-354.42
Be Window EBEAM	-2.3	-1.2	-353.5
US T2	-1.60	-2.24	-207.02
DS T2	-1.27	-2.59	117.83
US D2	-1.94	-2.06	-207.07
DS D2	-1.46	-2.21	117.66
US H2	-2.27	-2.23	-207.21
DS H2	-1.47	-2.26	117.36
US He3	-2.09	-2.21	-207.21
DS He3	-1.37	-2.32	117.41
US MT	-1.92	-2.00	-207.44
DS MT	-1.11	-2.48	117.32
C HOLE	-1.27	-2.59	5.48
C HOLE REPEAT	-1.24	-2.59	5.44
C HOLE REPEAT	-1.32	-2.50	5.43
	YAW°	PITCH°	
Optics Ladder	0.0678		
Carbon Hole Ladder	-0.1812	0.2477	