



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** D. Meekins

**DATE:** 23 Jan 2017

**FROM:** J. Dahlberg

**Checked:** TPS

**# :** A1765

**DETAILS:**

Data: Inspection\HallA\TargetCells\170119a

Below are the results from the recent Hall A post run target survey. Values are in millimeters and degrees relative to ideal Hall A pivot center. A +X is to the beam left, a +Z is downstream, and a +Y is above. The target ladder measurements are to the surface of the ladder frame at the location indicated. Note that the carbon hole measurement is approximate as it was difficult to place the 1/2" survey target in the hole.

LOCATION	X	Y	Z
LOOP 2 US FLANGE	0.19	-4.10	-219.84
LOOP 2 DS FLANGE	-0.09	-3.71	-102.59
LOOP 2 US FLANGE REPEAT	-0.12	-4.15	-219.93
LOOP 2 DS FLANGE REPEAT	-0.41	-3.76	-102.72
CARBON HOLE (Approx)	-1.3	-4.4	
TGT LADDER US FACE BBL	24.43	-65.17	-17.91
TGT LADDER US FACE BBR	-19.53	-72.03	-18.01
TGT LADDER US FACE TBL	25.08	25.67	-17.93
TGT LADDER US FACE TBR	-21.27	25.70	-18.04
TGT LADDER BL FACE BOT	44.33	-70.08	-3.53
TGT LADDER BL FACE TOP	44.34	33.48	-2.21
LOCATION	YAW	PITCH	ROLL
TGT LADDER US FACE	179.864	-90.015	
TGT LADDER BL SIDE			89.997