



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** R. Michaels; E. Folts; J. LeRose

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**Checked:**

**# :** A1262

**DETAILS:**

Data: step2A\halla\prex\100127a

Below are the results from the survey of the collimators located in the Q1 bore of left and right spectrometers. Six fiducials are located on each of the collimators, with number 1 being top left, and the others numbered clockwise. The results below refer to the differences in millimeters in a beam following system. A positive X is beam left, positive Z is downstream, and positive Y is up. Ideal values were provided by Hall A engineering group.

Target	Z bfs	X bfs	Y bfs
Q1COLL1	0.41	0.41	-0.27
Q1COLL2	-0.03	0.45	-0.52
Q1COLL3	-0.43	0.48	-0.41
Q1COLL4	-0.41	0.56	-0.50
Q1COLL5	-0.04	0.53	-0.45
Q1COLL6	0.35	0.54	-0.21
Q1COLR1	-0.09	0.78	-0.17
Q1COLR2	0.74	0.80	0.02
Q1COLR3	1.44	0.61	-0.09
Q1COLR4	1.32	0.45	0.05
Q1COLR5	0.47	0.43	-0.14
Q1COLR6	-0.25	0.57	-0.48