



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** B. Miller, S. Stepanyan, B. Raue

**DATE:** 15 Jun 2017

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**Checked:** (cwg)

**# :** B1797

**DETAILS:**

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The latest survey data for the Moeller quads and target are from October of 2015. The reason for the survey in 2015 was to check the change of location for MQE2M02, which was moved downstream. The Moeller target was not installed during the 2015 survey. The cross flanges for the target were used for the location.

The surveyed results are shown below. Coordinates are meters in the CEBAF coordinate system; the beam following [bfs] values are the offsets from the ideal beam line in millimeters. Angles are in degrees and are the differences from the ideal values. A +x is to the beam left from ideal; a -y is to below the ideal beam.

Name	Z[m]	X[m]	Y[m]	dYaw °	dPitch °	dRoll °	dZ [bfs]	dX [bfs]	dY [bfs]
Moeller Target	-362.07729	-80.59969	103.35516					-0.31	-0.10
MQE2M01	-363.17718	-80.59990	103.35513	0.0040	0.0017	-0.0155	0.41	0.10	-0.13
MQE2M02	-366.13008	-80.60011	103.35513	-0.0395	0.0149	-0.01089		-0.11	-0.12