



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** J. Butler, C. Camacho

**DATE:** 14 Oct 2016

**FROM:** Chris Gould

**Checked:** TPSIII

**# :** A1738

**DETAILS:**

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Below are the results of the Left and Right Arm Collimator as-found survey performed 9/27/16. For each collimator five holes were measured in a diamond pattern. Values given are in a beam following system relative to the target centerline ( $Z=0.00$ ) and the central ray of the respective spectrometer. A positive X is to the beam left, a positive Y is up and a positive Z is downstream. Values are in mm.

Left Arm Collimator. Central Ray is $-17.507^\circ$			
	X	Y	Z
BL	76.89	0.28	1070.84
BOTT	1.85	-74.74	1070.55
BR	-73.05	0.12	1070.56
CTR	1.90	0.24	1070.70
TOP	1.90	75.16	1070.85

Right Arm Collimator			
	X	Y	Z
BL	75.83	0.99	1059.93
BOTT	0.93	-74.00	1059.68
BR	-74.10	1.06	1059.28
CTR	0.80	1.07	1059.61
TOP	0.73	76.05	1059.54

Q1 MAGNETS			
	X	Y	Z
LA_Q1	0.00	0.00	2070.05
RA_Q1	0.00	0.00	2070.60