



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: L1678

DETAILS:

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Below are the results from the survey of MQD5D00 and MQD5D01 carried out on September 10th, 2014. The coordinates below are given in millimeters and degrees. A right-handed coordinate system was established with the origin at the intersection of the Main Beamline and the 5D line rotated 25 degrees about the vertical axis. A +X is left, +Y is above, and +Z is downstream from ideal. This is the same coordinate system used in transmittal L1669 referencing the Bubble Chamber survey . Rotation angles are given such that a positive pitch angle (about X) is counter clockwise looking from the beam right side, a positive roll angle (about Z) is clockwise looking downstream, and a positive yaw angle (about Y) is clockwise looking from above.

	X	Y	Z	Pitch	Yaw	Roll
MQD5D00	-0.01	-0.04	685.18	0.04°	-0.06°	-0.02°
MQD5D01	-0.14	-0.07	2082.33	0.06°	-0.01°	0.01°