



Jefferson Lab Alignment Group

Data Transmittal

TO: O. Glamazdin

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Checked:

: A1548

DETAILS:

Below are the results from the recent survey carried out on the Hall A Moller quads and target. Values are relative to the ideal location relative to beam center line. A +X is to the left, a+Y is up, and a +Z is downstream. A + yaw angle is counter clockwise looking from above, a + pitch is ccw looking from the beam right side, and a + Z is downstream. Values are in millimeters. Note: The Moller target was an as found survey with the four outer flanges measured. The center location is derived from those flanges.

COMPONENT	Z	X	Y	YAW	PITCH	ROLL
MOLLER Tgt.						
MQ01H02	-1.21	-0.05	-0.05	0.0300	-0.0003	-45.0144
MQM1H02A	1.47	0.09	0.08	0.0332	-0.0183	-44.9881
MQ01H03	2.45	1.03	0.12	0.0167	0.0178	-45.0031
MQ01H03A	-2.49	0.12	0.15	-0.0536	0.0146	-45.0234