Jefferson Lab Alignment Group

Data Transmittal

TO: J. Gomez, J. LeRose		**DATE:** 20 Jul 2010
FROM: Chris Curtis	**Checked:**	**# :** A1306

DETAILS:

Data: step2b\bsy\bsy10a\100715a

The post-run location of the Hall A moller target surveyed July 15th, 2010 is shown below. The measurements were made with the chamber under vacuum. Measurements were also made with no vacuum and showed no significant difference. The results are in a beam following system and indicate deltas from the new ideal coordinates referenced in DTM A1280.

A +z indicates the component is too far downstream, a +x indicates the component is to the beam left and a +y means the component is high. A positive delta yaw indicates a counter clockwise rotation (when looked at from above), a positive delta pitch means it is pointing upwards from the upstream beam to the downstream beam, and a + roll indicates it is rotated clockwise from the ideal roll angle looking downstream.

Component	dZ (mm)	dX (mm)	dY (mm)	d Yaw°	d Pitch°	d Roll°
MOLTAR	1.18	-0.37	0.13	0.040	-0.005	-0.110