



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Gaskell

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FROM: S. Hardisty

Checked:

: C1460

DETAILS:

Data: Step2B\BSYQW9C\111102a,111103a-d, 111110a

Below are the results from the Nov 2011 survey carried out on the line C Moller Polarimeter. A +Z is downstream from ideal, a +X is to the beam left from ideal, a +Y is up. Also shown are machine coordinates in meters. The rotation angles are in decimal degrees. The left and right collimators are to the upstream face and are relative to the ideal location of the Moller target.

COMPONENT	Z	X	Y	YAW	PITCH	ROLL
Moller target Machine	0.12 -370.05393	0.44 -110.61792	0.26 99.97825	-0.015	0.034	0.101
QF3M01 Machine	2.67 -370.72905	0.17 -111.13593	-0.11 99.97789	0.063	0.023	0.014
CO3M01 Machine	4.11 -371.45112	-0.14 -111.68994	-0.26 99.97775	-0.056	-0.037	-0.021
QE3M03 Machine	0.23 -373.25067	-0.04 -113.07175	-0.18 99.97783	-0.015	0.007	0.004
IPM3H02 Machine		0.77 -375.97641	0.21 -115.16536			99.97821
US RASTER Machine		-0.01 -376.58522	0.10 -115.63204			99.9781
DS RASTER Machine		-0.17 -377.15271	0.39 -116.06754			99.97839
IPM3H04 Machine		-0.18 -377.92616	-0.30 -116.6614			99.97771
LEFT COLL	11191.77	485.19	0.74			
RIGHT COLL	11188.23	-485.49	0.63			