



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Gaskell

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Checked: JD

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DETAILS:

Data: Step2B\BSY\QW9C\120529A

Below are the results from the May 25th survey carried out on the Compton laser table and photon detector. A +X is to the beam left from ideal, a +Y is up from ideal. The Z distances (a + value being downstream), is based on the ideal table center. Values are in millimeters.

LASER TABLE AREA

	Z	X	Y
US BPM Upstream end	-777	0.4	1.9
US BPM Downstream end	-612	0.2	2.2
US FC	-511	0.4	2.3
DS FC	509	1.6	2.2
DS BPM upstream end	609	0.9	2.3
DS BPM downstream end	771	1.1	2.2

PHOTON DETECTOR

	Z	X	Y
Detector average CL	3537	-5.7	4.1
Detector top left	3539	24.4	34.1
Detector top right	3537	-34.9	35.9
Detector bottom left	3537	24.7	-27.5
Detector bottom right	3535	-36.9	-26.1