



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 30 Oct 2008

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Checked: (jcd)

: B1192r

DETAILS:

Data: step2b\hallb\dvcs_e1\ 081016a 081020a 081022a 081104a

Below are the results from the Hall B beam line surveys performed on October 16th, 20th, and 22nd for the DVCS E1 experiment. A + X is beam left from ideal, a + Y is above. Z is relevant to CLAS center with a negative upstream and positive downstream. A +pitch is counter clockwise looking from the beam right, a +yaw is ccw from above, and a +roll is cw looking from upstream. Z values are in meters. X / Y Values are in millimeters. Angle data is in decimal degrees.

The solenoid and calorimeter were re-surveyed on November 4th, 2008 and the data have been added to this memo.

ID	Component	Z (m)	X (mm)	Y (mm)	Yaw °	Pitch °	Roll °
IPM2H00	Harp / Radiator	-15.6486	0.1	0.3	0.005	-0.038	0.098
MPS2H01	Pair Spectrom.	-14.5022	0.0	0.1	-0.009	-0.001	0.001
IPM2H01	Bpm Box	-9.5377	1.5	0.1	0.254	0.010	0.001
	Target	-0.5756	0.5	0.3	-0.013	0.092	0.020
	Solenoid	-0.6409	-0.2	0.3	-0.007	0.019	-0.015
	Calorimeter	-0.0024	-0.2	1.1	0.083	-0.008	0.053
	OTR	16.8719	-0.4	0.3	0.056	0.167	