



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 15 Feb 2011

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Checked:

: A1376

DETAILS:

Data: step2b\Halla\src\110203a

Below are the results from the SRC target survey carried out on Feb 03, 2011. A right handed coordinate system was established based on the ideal target center with a +X to the beam left, a +Z downstream, and a +Y is up. A +yaw angle is counter clockwise looking from above and a +pitch angle is ccw looking from the beam right side. Values are in millimeters and degrees.

LOCATION	Z	X	Y	PITCH	YAW
LOOP 1 TOP CL	-0.21	0.87	-0.05	-0.016	0.319
LOOP 1 BOT CL	-0.34	1.47	0.00	-0.004	0.448
LOOP 2 TOP CL	-0.25	1.37	0.06	0.044	0.382
LOOP 2 BOT CL	-0.06	1.72	0.02	0.014	0.416
CELL 3 TOP UPST CL	-167.71	0.79	-0.12		
CELL 3 BOT UPST CL	-167.40	1.36	-0.17		
OPTICS BL SIDE		48.01			0.737
15CM DUMMY BL SIDE		46.44			0.349
4CM DUMMY BL SIDE		46.22			0.268
SOL CARBON BL SIDE		-0.78			-19.772
SOL TGT UPST SIDE	-15.32			-0.014	0.256