



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** D. Meekins, D.Higinbotham, J. LeRose

**DATE:** 15 Feb 2011

**FROM:** J. Dahlberg

**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