



# Jefferson Lab Alignment Group

## Data Transmittal

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**DATE:** 01 Nov 2007

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**Checked:** CJC

**# :** B1136

### DETAILS:

Data: step2b\hallb\Frost\071030a, 071029a  
step2b\hallb\Frost\target\071017b

Below are the results from the Hall B beam line survey performed in October for the Frost experiment. A + X is beam left from ideal, a + Y is above, and +Z is 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. Values are in millimeters and degrees.

Note: There was no survey of the Frost target performed after it was disassembled for repair work. The values below are from the last survey prior to the target being removed.

COMPONENT	Z	X	Y	Yaw	Pitch	Roll
2.6 collimator		0.65	0.01			
6.4 collimator		0.59	-0.05			
Sweeper mag.	-74.92	0.19	-0.05	-0.003°	0.008°	-0.097°
Cleanup coll.		0.19	-0.01	-0.096°	0.038°	
Harp/Radiator	-9.27	-0.03	0.03	0.007°	-0.027°	0.352°
Pair Spect. dipole	1.56	-0.10	0.19	-0.005°	0.002°	0.006°
Frost target	-0.14	0.25	0.16	0.007°	0.004°	-0.001°