



# Jefferson Lab Alignment Group

## Data Transmittal

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**Checked:**

**# :** A1198

### DETAILS:

The original target ladder assembly was surveyed in its installed location for the Transversity experiment E06-010 on Thursday November 6<sup>th</sup>, 2008. The working, optics and reference cell center positions were surveyed with the results below. 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:** This is not the currently installed ladder.

The values below are also calculated prior to changing the height by 3 millimeters on the ladder assembly.

Cells	Z (mm)	X (mm)	Y (mm)	Yaw °	Pitch °	Roll °
Reference	4.0	-1.7	3.9	-0.281	0.095	-0.476
Optics	3.7	-1.1	3.9	-0.302	0.084	-0.486
Working	3.3	-0.5	4.2	-0.288	0.076	-0.440