

Jefferson Lab Alignment Group

Data Transmittal

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DETAILS:

DATA: 2B\HallA\Target\2009\090511a

Below are the results of the Hall A target survey carried out on May 11 2009. The Z, X, Y coordinates are given in millimeters in a beam following system based on the ideal target location. Positive Z is downstream, positive X is to the beam left, and positive Y is up. A positive yaw is counter-clockwise from above, a positive pitch is counter-clockwise from beam right, and a positive roll is clockwise from upstream. Angles are in degrees.

| TARGET | Z | X | Y | YAW | PITCH | ROLL |
|------------------|--------------|----------------|----------------|----------------|------------------|------------------|
| TRNVRO TRNVRR | 1.34 1.43 | -2.78 -3.13 | -0.48 -0.23 | 0.006 0.003 | -0.336 -0.320 | -0.499 -0.442 |
| TRNVRS | 1.43 | -3.13 -2.02 | -0.23 -0.11 | -0.002 | -0.350 | -0.354 |
| TRNVRR (rep) | 1.51 | -3.08 | -0.42 | -0.005 | -0.346 | -0.436 |