



# Jefferson Lab Alignment Group

## Data Transmittal

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**DATE:** 03 Dec 2007

**FROM:** J. Dahlberg

**Checked:** cjc

**# :** C1148

### DETAILS:

Data: step2b\hallc\gep\_bigCal\071130a

Below are the results from the Hall C "Big Cal" detector survey performed on Nov. 30 2007. The values are offsets from the ideal location of 4.75 meters downstream from the target center and 104.6 degrees counter clockwise from the straight ahead beam line.

**Z:** 182.4 mm downstream (4.932 M from target).  
**X:** 48.5 mm to the beam left.  
**Y:** 0.3 mm low.  
**Yaw:** 0.039 deg clockwise looking from above.  
**Pitch:** 0.026 deg counter clockwise looking from the beam right.  
**Roll:** 0.122 deg counter clockwise looking downstream.

**Note:** The 48.5 millimeter X offset places the detector at an angle of 105.163 degrees from the straight ahead beam line.