



Jefferson Lab Alignment Group

Data Transmittal

TO: M. Jones, S. Wood

DATE: 26 Nov 2007

FROM: J. Dahlberg

Checked: CJC

: C1146

DETAILS:

Data: step2b\hallc\gep_bigCal\071120a

Below are the results from the Hall C "Big Cal" detector survey performed on Nov. 20 2007. The values are offsets from the ideal location of 6.050 meters downstream from the target center and 60.3 degrees counter clockwise from the straight ahead beam line.

Z: 22.6 mm downstream (6.0726 M from target).
X: 13.7 mm to the beam left.
Y: 2.4 mm low.
Yaw: 0.110 deg clockwise looking from above.
Pitch: 0.149 deg clockwise looking from the beam right.
Roll: 0.252 deg clockwise looking downstream.

Note: The 13.7 millimeter X offset places the detector at an angle of 60.429 degrees from the straight ahead beam line.