Below are the results from the Hall C “Big Cal” detector survey performed on June 17th 2008. The Y value is an offset from ideal beam center. The Z value is a distance from the target. The yaw, pitch, and roll values are rotation angles from ideal horizontal beam line from the target to detector center.

**June 17th LOCATION:**

- **Rot. Angle:** 44.207 degrees from straight ahead beam line.
- **Z:** 6.082 m from target.
- **Y:** 4.4 mm low.
- **Yaw:** 0.418 deg counter clockwise looking from above.
- **Pitch:** 0.080 deg clockwise looking from the beam right.
- **Roll:** 0.149 deg clockwise looking downstream.