



Jefferson Lab Alignment Group

Data Transmittal

TO: Eugene Chudakov, Bogdan Wojtsekhowski, John LeRose

DATE: 08 Jun 2006

FROM: James Dahlberg

Checked:

: A1061r

DETAILS:

Data: m:\algin\data\step2b\halla\gen\060516a

This data transmittal is revised to reflect the correct survey date, i.e., the actual position the detector was in when surveyed on the 16th of May.

Given below are the results of the Big Bite detector survey carried out on May 16th, 2006. The center of each of the three chambers is shown, together with the four corners of each detector plane. The coordinates are in millimeters, with the Hall A target as origin, +z being downstream along the main beam line, +x being transverse beam left, and +y being up with respect to gravity (not pitched).

| | Z | X | Y |
|------------|---------|----------|---------|
| Ch1 center | 2016.62 | -2060.84 | 169.60 |
| Ch1 topbr | 1614.54 | -2231.29 | 1053.90 |
| Ch1 topbl | 2196.34 | -1663.14 | 1054.20 |
| Ch1 botbr | 1836.90 | -2458.44 | -714.98 |
| Ch1 botbl | 2418.75 | -1890.45 | -714.75 |
| Ch2 center | 2264.69 | -2314.47 | 223.94 |
| Ch2 topbr | 1755.23 | -2512.25 | 1415.07 |
| Ch2 topbl | 2477.70 | -1807.45 | 1413.58 |
| Ch2 botbr | 2051.67 | -2821.45 | -965.63 |
| Ch2 botbl | 2774.18 | -2116.75 | -967.27 |
| Ch3 center | 2500.72 | -2559.24 | 292.12 |
| Ch3 topbr | 1993.25 | -2755.46 | 1485.10 |
| Ch3 topbl | 2715.88 | -2050.92 | 1481.01 |
| Ch3 botbr | 2285.61 | -3067.89 | -896.92 |
| Ch3 botbl | 3008.14 | -2362.67 | -900.72 |