



Jefferson Lab Alignment Group

Data Transmittal

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FROM: James Dahlberg

Checked:

: A1067

DETAILS:

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

Note: The previous data transmittal #A1061 was incorrectly referenced to the May 10th survey and is actually for the May 16th survey. A revised DT for #A1061 will be published.

Given below are the results of the Big Bite detector survey carried out on May 10th, 2006. The center of each of the three chambers is shown, together with the four corners of each detector plane. This information is derived from the as found location survey of the external fiducials (May 10th), and the fiducialization survey carried out after the detector was shifted from the running position on May 16th. 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	1405.89	-1760.85	168.66
Ch1 topbr	988.98	-1890.52	1053.03
Ch1 topbl	1626.12	-1385.20	1053.73
Ch1 botbr	1185.66	-2136.42	-716.39
Ch1 botbl	1822.82	-1631.27	-715.75
Ch2 center	1626.60	-2038.74	222.40
Ch2 topbr	1100.28	-2185.05	1413.64
Ch2 topbl	1891.38	-1558.27	1412.66
Ch2 botbr	1361.80	-2519.17	-967.79
Ch2 botbl	2152.94	-1892.49	-968.91
Ch3 center	1836.25	-2306.59	290.00
Ch3 topbr	1312.07	-2451.56	1483.09
Ch3 topbl	2103.32	-1825.05	1479.51
Ch3 botbr	1569.20	-2788.47	-899.66
Ch3 botbl	2360.41	-2161.27	-902.95