



Jefferson Lab Alignment Group

Data Transmittal

TO: J. Fischer, O. Pastor

DATE: 28 Jan 2014

FROM: Kelly Tremblay

Checked:

: B1545

DETAILS:

data : inspection\hallb\shielding plates\140108A

The shielding plates for the Hall B Torus magnet were measured January 14th, 2014. Listed below are the results for back panel H [ref dwg B00000-04-01-1230 revC]. The table's columns below are as follows:

Name – name for the circle / bolt hole measured referenced to the plot at the bottom

dVec – sum of the error found versus design

dRad – difference in the radius found versus design

dX – difference in X coordinate (design – found)

dY – difference in Y coordinate (design – found)

dZ – difference in height (design – found) for points on bent plane.

Units are millimeters. A sketch follows on the last page.

Ideal	dVec	dRad	dX	dY
ci_BH1	0.05	-0.03	-0.03	0.04
ci_BH2	0.05	-0.04	-0.02	0.05
ci_BH3	3.64	-1.87	-0.02	3.64
ci_BH4	0.04	-0.03	0.01	0.04
ci_BH5	0.04	-0.03	0.01	0.04
ci_BH6	0.21	-0.03	0.03	0.21
ci_BH7	0.13	2.13	-0.12	0.05
ci_BH8	0.15	2.09	-0.13	0.06
ci_BH9	0.17	2.06	-0.16	0.05
ci_BH10	0.25	2.07	-0.23	0.08
ci_BH11	0.31	2.08	-0.29	0.11
ci_BH12	0.08	-0.02	-0.07	0.04
ci_BH13	0.19	-0.02	-0.14	0.14
ci_BH14	0.14	-0.02	-0.01	0.14
ci_BH15	0.17	0.00	0.00	0.17
ci_BH16	0.22	-0.03	-0.03	0.21

