



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** J. Fischer, O. Pastor

**DATE:** 28 Jan 2014

**FROM:** Kelly Tremblay

**Checked:**

**# :** B1543

**DETAILS:**

data : inspection\hallb\shielding plates\140108A

The shielding plates for the Hall B Torus magnet were measured January 14<sup>th</sup>, 2014. Listed below are the results for back panel F [ref dwg B00000-04-01-1228 revB]. 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_bf1	0.20	-0.03	0.20	-0.06
ci_bf2	0.19	-0.03	0.19	-0.05
ci_bf3	0.19	-0.03	0.19	-0.06
ci_bf4	0.19	-0.02	0.19	-0.04
ci_bf5	0.28	-0.03	0.22	0.18
ci_bf6	0.28	-0.03	0.23	0.17
ci_bf7	0.28	-0.03	0.22	0.17
ci_bf8	0.27	-0.03	0.23	0.15
ci_bf9	0.26	-0.03	0.22	0.14
ci_bf10	0.23	-0.03	0.20	0.13
ci_bf11	0.23	-0.03	0.20	0.12
ci_bf12	0.21	-0.03	0.19	0.11
ci_bf13	0.05	2.09	0.01	0.05
ci_bf14	0.04	2.07	0.04	0.01
ci_bf15	0.07	2.03	0.07	-0.01
ci_bf16	0.08	2.01	0.08	0.00
ci_bf17	0.08	2.00	0.08	-0.03
ci_bf18	0.10	2.01	0.09	-0.04
ci_bf19	0.10	2.02	0.09	-0.05
ci_bf20	5.82	-1.40	0.10	-5.82
ci_bf21	0.14	2.04	0.13	-0.06
ci_bf22	0.14	2.06	0.12	-0.06
ci_bf23	0.15	2.06	0.14	-0.06
ci_bf24	0.15	2.06	0.14	-0.04

ci_bf25	0.16	2.06	0.15	-0.04
ci_bf26	0.17	2.06	0.16	-0.03
ci_bf27	0.18	2.05	0.18	-0.01
ci_bf28	0.05	2.09	0.01	0.05
ci_bf29	0.09	2.12	0.07	0.05
ci_bf30	0.12	2.13	0.11	0.04
ci_bf31	0.03	-0.02	0.02	-0.01
ci_bf32	0.04	-0.03	0.04	-0.01
ci_bf33	0.07	-0.03	0.05	-0.05
ci_bf34	0.15	-0.03	0.14	-0.07
ci_bf35	0.13	-0.04	0.11	-0.08
ci_bf36	0.13	-0.02	0.13	-0.04
ci_bf37	0.12	-0.02	0.10	-0.06

