



Jefferson Lab Alignment Group

Data Transmittal

TO: B. Miller, S. Christo

DATE: 12 May 2010

FROM: Kelly Tremblay

Checked:

: B1284

DETAILS:

data : inspection\12gev\hallb\100329a

A region 2 chamber for the 12 Gev upgrade was inspected March 29th, 2010. Shown below are the deviations (millimeters) from plane fits for the end plates with the associated root mean square error for the data fit. The resulting angle between plates is 60.00160°.

Beam Right Data				Beam Left Data			
Point	Dev	Point	Dev	Point	Dev	Point	Dev
BR1	-0.20	BR19	-0.22	BL1	0.09	BL19	-0.11
BR2	0.09	BR20	-0.05	BL2	-0.21	BL20	0.01
BR3	-0.19	BR21	-0.01	BL3	0.21	BL21	-0.12
BR4	-0.05	BR22	0.05	BL4	-0.01	BL22	0.14
BR5	-0.01	BR23	0.03	BL5	0.18	BL23	0.07
BR6	0.01	BR24	0.05	BL6	0.08	BL24	0.16
BR7	0.01	BR25	0.08	BL7	0.11	BL25	0.01
BR8	0.02	BR26	0.15	BL8	0.17	BL26	0.01
BR9	0.13	BR27	0.09	BL9	0.13	BL27	0.09
BR10	0.01	BR28	0.09	BL10	0.07	BL28	0.03
BR11	0.20	BR29	0.05	BL11	0.05	BL29	0.10
BR12	0.02	BR30	-0.10	BL12	0.01	BL30	0.08
BR13	0.11	BR31	0.13	BL13	-0.24	BL31	0.00
BR14	-0.02	BR32	0.02	BL14	0.03	BL32	0.04
BR15	0.04	BR33	0.04	BL15	-0.36	BL33	-0.17
BR16	-0.13	BR34	-0.07	BL16	-0.10	BL34	-0.12
BR17	-0.01	BR35	0.00	BL17	-0.10	BL35	-0.19
BR18	-0.21	BR36	-0.15	BL18	0.05	BL36	-0.21
RMS BR	0.10					RMS BL	0.13