



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** R.Yasky, C. Bitgood, T.Witherspoon, T.Whitlatch

**DATE:** 16 Nov 2010

**FROM:** Chris Curtis

**Checked:**

**# :** D1348

**DETAILS:**

DATA: \Inspection\HallD\101110A

Below are the results of the recent checks on the rail trenches in Hall D. The points reported are planes constructed from multiple points. The BR planes are beam right or south; BL is beam left (north); DS is downstream (east), and US is upstream (west). Ideal values were calculated using drawings S-105, and A-103. Values are in feet.

Point	FOUND			IDEAL			DIFF		
	E	N	EI	E	N	EI	DE	DN	D EI
BR_DS	6281.64	2885.16	17.07	6281.67			0.03		
BR_BR	6258.33	2884.49	17.10		2884.48			-0.01	
BR_US	6238.41	2885.27	17.11	6238.50			0.09		
BR_BL	6258.99	2886.01	17.08		2885.98			-0.03	
BR_TOP	6261.78	2885.17	17.40			17.42			0.02
BR_BOTT	6257.75	2885.25	16.74			16.75			0.01
BL_DS	6281.76	2901.62	17.08	6281.67			-0.09		
BL_BL	6261.00	2902.42	17.08		2902.40			-0.02	
BL_US	6238.52	2901.73	17.06	6238.50			-0.02		
BL_BR	6260.73	2900.90	17.09		2900.90			0.00	
BL_TOP	6260.03	2901.77	17.39			17.42			0.03
BL_BOTT	6259.35	2901.72	16.72			16.75			0.03