



# Jefferson Lab Alignment Group

## Data Transmittal

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

**DATE:** 17 Aug 2010

**FROM:** Chris Curtis

**Checked:**

**# :** D1310

**DETAILS:**

DATA: \Geonet\SNET\Srv19

Below are the results of the third check carried out on the location of the solenoid pier plates in Hall D. Horizontal measurements are to the center of the posts, and elevation is to the top of the plates. Names and ideal values are based on drawing #D00000-14-00-3002 (B). The beam right (south) piers were checked fully, the left piers (north) were sampled for consistency.

	Ideal E	Ideal N	Ideal EI	Found E	Found N	Found EI	DE	DN	D EI
1L	6223.55	2898.76	22.45	6223.55	2898.77		0.00	0.01	
3L	6225.63	2897.27	22.45	6225.65	2897.28		0.02	0.01	
4L	6227.13	2897.27	22.45	6227.14	2897.27	22.44	0.00	0.01	-0.01
6L	6228.38	2897.27	22.45	6228.39	2897.29		0.01	0.03	
9L	6232.53	2897.27	22.45	6232.54	2897.27	22.44	0.01	0.00	-0.01
12L	6235.03	2897.27	22.45	6235.03	2897.28		0.00	0.01	
14L	6237.28	2897.27	22.45	6237.29	2897.26		0.02	-0.01	
15L	6238.03	2897.27	22.45	6238.05	2897.27	22.44	0.02	0.00	-0.01
16L	6239.53	2897.27	22.45	6239.54	2897.28		0.01	0.01	
1R	6223.55	2888.11	22.45	6223.56	2888.12	22.45	0.01	0.01	0.00
2R	6225.55	2888.11	22.45	6225.57	2888.10	22.45	0.02	-0.01	0.00
3R	6225.63	2889.60	22.45	6225.64	2889.61	22.45	0.00	0.01	0.00
4R	6227.13	2889.60	22.45	6227.13	2889.59	22.45	0.00	-0.02	0.00
6R	6228.38	2889.60	22.45	6228.36	2889.64	22.45	-0.02	0.04	0.00
7R	6231.28	2889.60	22.45	6231.25	2889.64	22.45	-0.02	0.04	0.00
9R	6232.53	2889.60	22.45	6232.54	2889.69	22.45	0.01	0.09	0.00
10R	6234.03	2889.60	22.45	6234.01	2889.64	22.45	-0.02	0.04	0.00
12R	6235.03	2889.60	22.45	6235.01	2889.63	22.45	-0.02	0.03	0.00
13R	6236.53	2889.60	22.45	6236.51	2889.63	22.44	-0.02	0.03	-0.01
14R	6237.28	2889.60	22.45	6237.27	2889.63	22.44	0.00	0.03	-0.01
15R	6238.03	2889.60	22.45	6238.03	2889.63	22.44	0.00	0.02	-0.01
16R	6239.53	2889.60	22.45	6239.52	2889.63	22.43	-0.01	0.02	-0.02