



Jefferson Lab Alignment Group

Data Transmittal

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

DATE: 29 Oct 2010

FROM: J. Dahlberg

Checked:

: D1337

DETAILS:

DATA: Inspection\HallD\101027a

Below are the results of the final survey carried out on the location of the solenoid pier plates in Hall D after the concrete was poured. 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).

Location	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	2898.75	22.45	0.01	-0.01	0.00
2L	6225.55	2898.76	22.45	6225.56	2898.76	22.44	0.01	0.00	-0.01
3L	6225.63	2897.27	22.45	6225.64	2897.25	22.44	0.00	-0.01	-0.01
4L	6227.13	2897.27	22.45	6227.12	2897.25	22.45	-0.01	-0.02	0.00
6L	6228.38	2897.27	22.45	6228.38	2897.27	22.45	-0.01	0.01	0.00
7L	6231.28	2897.27	22.45	6231.27	2897.24	22.46	-0.01	-0.03	0.01
9L	6232.53	2897.27	22.45	6232.52	2897.25	22.45	-0.01	-0.01	0.00
10L	6234.03	2897.27	22.45	6234.02	2897.25	22.45	-0.01	-0.02	0.00
12L	6235.03	2897.27	22.45	6235.01	2897.27	22.45	-0.02	0.00	0.00
13L	6236.53	2897.27	22.45	6236.51	2897.27	22.45	-0.01	0.00	0.00
14L	6237.28	2897.27	22.45	6237.28	2897.25	22.45	0.00	-0.02	0.00
15L	6238.03	2897.27	22.45	6238.03	2897.26	22.45	0.00	-0.01	0.00
16L	6239.53	2897.27	22.45	6239.52	2897.27	22.44	-0.01	0.00	-0.01
1R	6223.55	2888.11	22.45	6223.56	2888.14	22.45	0.01	0.03	0.00
2R	6225.55	2888.11	22.45	6225.55	2888.13	22.45	0.00	0.02	0.00
3R	6225.63	2889.60	22.45	6225.63	2889.61	22.45	0.00	0.01	0.00
4R	6227.13	2889.60	22.45	6227.14	2889.61	22.46	0.01	0.01	0.01
6R	6228.38	2889.60	22.45	6228.38	2889.62	22.45	0.00	0.02	0.00
7R	6231.28	2889.60	22.45	6231.28	2889.63	22.46	0.00	0.03	0.01
9R	6232.53	2889.60	22.45	6232.52	2889.61	22.46	0.00	0.01	0.01
10R	6234.03	2889.60	22.45	6234.03	2889.63	22.45	0.00	0.03	0.00
12R	6235.03	2889.60	22.45	6235.03	2889.62	22.45	0.00	0.02	0.00
13R	6236.53	2889.60	22.45	6236.53	2889.62	22.44	0.00	0.02	-0.01
14R	6237.28	2889.60	22.45	6237.30	2889.62	22.44	0.02	0.02	-0.01
15R	6238.03	2889.60	22.45	6238.05	2889.62	22.44	0.02	0.02	-0.01
16R	6239.53	2889.60	22.45	6239.55	2889.62	22.44	0.02	0.02	-0.01