

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: John Arrington, J. LeRose

DATE: April 18, 2002

FROM: C. J. Curtis

Checked: # : A759

DETAILS:

Below are the results of the floorplate survey carried out on April 16, 2002. The coordinates are in meters, and have the Hall A target as their origin, and the downstream beamline as positive Z. Positive X is to the beam left. Each plate is numbered as an inner (I) or outer (O) plate followed by the approximate angle at which it is located. The plate target is numbered 1 through 4 clockwise, with #1 top left as seen from the center of the hall.

Plate	Z	X	Plate	Z	X
I13.1	9.8145	1.9565	O13.1	15.7098	3.1237
I13.2	9.7652	1.9446	O13.2	15.6600	3.1136
I13.3	9.6053	2.5289	O13.3	15.4369	4.0650
I13.4	9.6538	2.5440	O13.4	15.4859	4.0780
I19.1	9.5118	2.9952	O19.1	15.2734	4.8132
I19.2	9.4631	2.9802	O19.2	15.2250	4.7983
I19.3	9.2691	3.5536	O19.3	14.9096	5.7230
I19.4	9.3166	3.5713	O19.4	14.9571	5.7408
I23.1	9.2911	3.6612	O23.1	14.9065	5.8693
I23.2	9.2443	3.6421	O23.2	14.8591	5.8510
I23.3	8.9995	4.1961	O23.3	14.4798	6.7516
I23.4	9.0453	4.2181	O23.4	14.5259	6.7725
I29.1	8.8638	4.6174	O29.1	14.2084	7.3952
I29.2	8.8194	4.5924	O29.2	14.1633	7.3720
I29.3	8.5063	5.1110	O29.3	13.6898	8.2271
I29.4	8.5489	5.1386	O29.4	13.7334	8.2528
I33.1	8.4883	5.2509	O33.1	13.6193	8.4271
I33.2	8.4450	5.2248	O33.2	13.5765	8.3998
I33.3	8.1177	5.7348	O33.3	13.0242	9.2063
I33.4	8.1597	5.7637	O33.4	13.0650	9.2362
I37.1	8.1121	5.8423	O37.1	12.9902	9.3529
I37.2	8.0715	5.8120	O37.2	12.9489	9.3236
I37.3	7.6951	6.2869	O37.3	12.3563	10.1008
I37.4	7.7340	6.3196	O37.4	12.3958	10.1326
I41.1	7.6794	6.3855	O41.1	12.3162	10.2445
I41.2	7.6400	6.3537	O41.2	12.2772	10.2123
I41.3	7.2454	6.8134	O41.3	11.6313	10.9455
I41.4	7.2829	6.8475	O41.4	11.6683	10.9801
I58.1	4.9519	-8.6655	O58.1	7.9497	-13.9120
I58.2	4.9275	-8.6211	O58.2	7.9248	-13.8677
I58.3	5.4486	-8.3124	O58.3	8.7615	-13.3628
I58.4	5.4758	-8.3552	O58.4	8.7890	-13.4054
I62.1	4.3856	-8.9852	O62.1	7.0303	-14.4165
I62.2	4.3623	-8.9401	O62.2	7.0075	-14.3713
I62.3	4.8912	-8.6450	O62.3	7.8683	-13.9087
I62.4	4.9172	-8.6884	O62.4	7.8937	-13.9526
I66.1	3.7347	-9.2463	O66.1	6.0101	-14.8713
I66.2	3.7166	-9.1989	O66.2	5.9912	-14.8242
I66.3	4.2766	-8.9675	O66.3	6.8874	-14.4341
I66.4	4.2974	-9.0136	O66.4	6.9091	-14.4800