



# Jefferson Lab Alignment Group

## Data Transmittal

TO: Mark Ito

DATE : Sep 10, 2004

FROM: Richard Schwartz

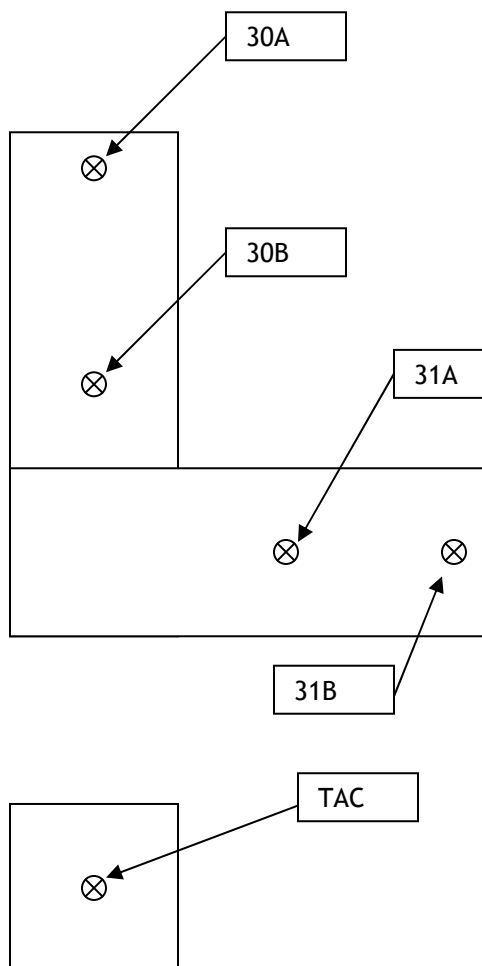
Checked:

# B945

### DETAILS:

Below are the results of the TAC calibration survey performed on Sep 2, 2004. The locations are labeled as noted in the field. The X and Y values are relative to ideal beam centerline, (in millimeters). The Z values are relative to CLAS center. A +X is to the beam left and a +Y is above.

LOC	Z	X	Y
1 TAC	-4915.27	-227.87	-633.39
1 30A	-4956.77	-222.43	184.48
1 30B	-4958.34	-222.88	30.11
1 31A	-4909.76	-365.99	-99.56
1 31B	-4910.17	-536.47	-97.64
2 TAC	-4915.32	-227.80	-633.40
2 30A	-4956.87	-222.35	184.48
2 30B	-4958.43	-222.80	30.09
2 31A	-4909.84	-365.94	-99.57
2 31B	-4910.26	-536.41	-97.67
3 TAC	-4915.34	-227.75	-633.42
3 30A	-4956.85	-222.26	184.49
3 30B	-4958.45	-222.70	30.09
3 31A	-4909.84	-365.89	-99.59
3 31B	-4910.25	-536.35	-97.67
4 TAC	-4915.31	-227.72	-633.45
4 30A	-4956.85	-222.36	184.39
4 30B	-4958.44	-222.77	30.02
4 31A	-4909.82	-365.91	-99.62
4 31B	-4910.23	-536.39	-97.71
5 TAC	-4915.31	-227.72	-633.44
5 30A	-4956.87	-222.31	184.45
5 30B	-4958.41	-222.76	30.06
5 31A	-4909.81	-365.92	-99.60
5 31B	-4910.23	-536.39	-97.71
6 TAC	-4915.20	145.60	-634.02
6 30A	-4956.73	151.30	183.84
6 30B	-4958.26	150.76	29.44
6 31A	-4909.73	7.59	-100.18
6 31B	-4910.21	-162.84	-98.24



**Jefferson Lab Alignment Group Data Transmittal  
Continued**

Page 2 of 2

Date : Sep 10, 2004

Transmittal # : B945

LOC	Z	X	Y
6A TAC	-4953.57	-263.33	-627.76
6A 30A	-4956.88	-222.45	184.46
6A 30B	-4958.44	-222.90	30.06
6A 31A	-4911.81	-366.03	-99.64
6A 31B	-4910.23	-536.50	-97.70
6B TAC	-4915.15	145.57	-634.03
6B 30A	-4956.69	151.16	183.84
6B 30B	-4958.26	150.69	29.46
6B 31A	4911.45	7.46	100.18
6B 31B	-4910.11	-162.94	98.23
7 TAC	-4915.18	145.61	-633.99
7 30A	-4956.72	151.20	183.88
7 30B	-4958.27	150.74	29.50
7 31A	-4911.46	7.51	100.14
7 31B	-4910.09	-162.89	-98.18
7A TAC	-4915.16	145.56	-633.96
7A 30A	-4956.70	151.17	183.90
7A 30B	-4958.25	150.70	29.53
7A 31A	-4909.67	7.52	-100.05
7A 31B	-4910.08	-162.92	-98.15
8 TAC	-4915.67	147.40	20.84
8 30A	-4957.27	152.81	838.64
8 30B	-4958.70	152.31	684.26
8 31A	-4909.64	9.25	554.71
8 31B	-4909.63	-161.21	556.62
10 TAC	-4914.77	-226.13	21.44
10 30A	-4956.50	-220.88	839.27
10 30B	-4958.01	-221.34	684.86
10 31A	-4908.90	-364.34	555.28
10 31B	-4908.87	-534.83	557.13
12 TAC	-4915.34	-38.95	-478.43
13 TAC	-4915.29	-38.96	-478.45
14 TAC	-4915.33	-38.98	-478.44
15 TAC	-4915.28	-39.03	-479.47
16 TAC	-4915.30	-39.01	-480.28