

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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FROM: Chris Curtis

Checked:

: A632

DETAILS:

Below are the results of the as found survey of the Hall A target, carried out on Sep 26th. The numbers shown represent the amount the target would have to move (in mm) to be at the ideal location. A negative X is to the beam right, positive Y is up, and positive Z is downstream. The large delta Y's for the uppermost solid target (ATSL11), are the result of shooting the targets at a convenient location rather than the ideal location. On the dummy targets (ATC1X), only the Y location is valid on targets 2 and 3, with both fiducials defined as 1.5" below ATC1X1.

Target	Del Z	Del X	Del Y
ATTUNAA	.976	.371	2.130
ATTUNAB	.676	.367	2.180
ATTUNAC	.509	.290	2.170
ATC1T4A	.042	.372	2.820
ATC1T4B	-.035	.440	2.910
ATC1T4C	-.055	.235	2.830
ATC1T4D	.017	.290	2.920
ATC1B4A	.242	.375	3.390
ATC1B4B	.342	.376	3.350
ATC1B4C	.331	.292	3.310
ATC1B4D	.251	.281	3.350
ATSL11A	.489	1.219	-48.620
ATSL11B	.413	1.401	-49.010
ATSL11C	.345	1.588	-48.860
ATSL11D	.659	1.325	-48.800
ATC1T3A	.295	.125	1.780
ATC1T3B	.354	.032	1.810
ATC1B3A	.008	.170	2.060
ATC1B3B	.087	.067	2.110
ATC1B3C	.096	.023	2.070
ATC1B3D	-.042	.006	2.060
ATC1X1A	.808	-.363	2.760
ATC1X1B	.207	-.484	2.560
ATC1X1E	.254	3.069	2.790
ATC1X2C			-.020
ATC1X2D			-.020
ATC1X3C			-38.000
ATC1X3D			-37.960