

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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FROM: Chris Curtis **Checked:** **# :** 578

DETAILS:

Below are the results of the as found survey of the Hall A target, carried out on Feb 25th. 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), and the dummy target (ATC1X1), are the result of shooting the targets at a convenient location rather than the ideal location.

Target	Del Z	Del X	Del Y
ATTUNAA	.038	.394	.070
ATTUNAB	-.045	.256	.080
ATTUNAC	-.375	.242	.110
ATC1T4A	-.454	.559	2.320
ATC1T4B	-.302	1.281	1.160
ATC1T4C	-.567	.132	.680
ATC1T4D	-.580	-1.050	.400
ATC1B4A	-.012	-.148	-1.240
ATC1B4B	.156	1.620	.050
ATC1B4C	-.200	.326	-.680
ATC1B4D	-.231	.629	1.100
ATSL11A	-1.058	1.066	-50.150
ATSL11B	-.822	.907	-50.380
ATSL11C	-.691	1.196	-50.330
ATSL11D	-.970	1.083	-50.120
ATC1X1A	-.672	-.175	6.080
ATC1X1B	-.507	1.186	6.190
ATC1X1C	-.681	.461	6.010
ATC1X1D	-.817	-.085	6.330