

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Rolf Ent, Mike Seely

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FROM: Chris Curtis

Checked: # : 560

DETAILS:

Below are the results of the alignment of the Hall C target, carried out on Nov. 8th. The numbers shown represent the amount the target would have to move (in mm) to be at the ideal location. A negative X is a move to the beam right, positive Y needs to go up, and positive Z downstream. The large delta Y's are generally the result of shooting the target at a convenient location rather than the ideal location.

	Target	Del Z	Del X	Del Y
Optics target:				
	CTZ1O5A	-2.85	-.56	-6.80
	CTZ1O5B	-4.23	-.58	-7.15
	CTZ1O5C	-3.05	-.37	-6.80
	CTZ1O5D	-4.52	-.35	-7.17
	CTZ1O5E	-2.79	-.35	-6.80
	CTZ1O5F	-2.96	-.59	-6.94
Lower cryo loop:				
	CTZ1C4A	-2.48	-.63	1.26
	CTZ1C4B	-2.59	-.66	.72
Middle cryo loop:				
	CTZ1C3A	-2.77	-1.05	1.06
	CTZ1C3B	-2.78	-.59	1.07
Upper cryo loop:				
	CTZ1C2A	-2.54	-1.99	1.22
	CTZ1C2B	-2.65	-1.02	.72
Upper solid target:				
	CTZ1S1A	-3.68	-4.01	-55.80
	CTZ1S1B	-3.67	-3.39	-56.07
	CTZ1S1C	-2.95	-2.28	-56.09
	CTZ1S1D	-3.03	-2.79	-55.82