



Jefferson Lab Alignment Group

Data Transmittal

TO: P. Medeiros, C. Munoz Camacho, S. Lassiter

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FROM: Elena Balan

Checked: CG

: C2097

DETAILS:

M:\align\DATA\Step2B\HALLC\NPS\240328A

Below are the results of the NPS pointing carried out on 03/27/24. At the time of the survey, the reported angle of the SHMS was 33.9052 degrees. Values given are relative to straight ahead beam and are in millimeters and degrees, where positive X is the beam left, positive Y is above and positive Z is downstream from the ideal position.

	Angle Degrees (Yaw)	Relative to Straight Ahead Beam				
		Relative to SHMS	X	Y	Z	Distance from Target
SHMS Pointing	33.9052					
NPS 3	17.3449	16.5603	902.85	0.59	2861.79	3000.83
NPS 3.5	17.3478	16.5574	1053.18	0.88	3338.75	3500.92
NPS 4	17.3266	16.5786	1203.74	1.65	3816.54	4001.87
NPS 6	17.3711	16.5341	1803.39	0.95	5724.93	6002.26
NPS 9.5	17.3439	16.5613	2857.76	2.64	9063.98	9503.81