



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** C. Munoz Camacho, S. Malace, P. Medeiros

**DATE:** 22 Aug 2023

**FROM:** Chris Gould

**Checked:**

**# :** C2082

**DETAILS:**

M:\align\DATA\Step2B\HALLC\NPS\230608A

Below are the results of the NPS pointing carried out on 06/08/23. At the time of the survey, the reported angle of the SHMS was 27.9814 degrees. Values given are relative to straight ahead beam and are in millimeters and degrees. A positive X is to the left, a positive Y is up and a positive Z is downstream of the target.

	Angle Degrees (Yaw)	Relative to Straight Ahead Beam				
		Relative to SHMS	X	Y	Z	Distance from Target
SHMS Pointing	27.9814					
NPS 3.1	11.6746	16.3068	600.87	0.75	2938.28	2999.09
NPS 4.1	11.7032	16.2782	799.89	-0.22	3918.31	3999.12
NPS 6.1	11.6804	16.3010	1201.37	0.32	5875.89	5997.45
NPS 8.1	11.7096	16.2718	1598.93	-0.97	7835.86	7997.33