



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 10/04/2023

FROM: Elena Balan

Checked: CG

: B2088

DETAILS:

M:\align\DATA\Step2B\HALLB\TARGET\230929A\processed

M:\align\DATA\Step2A\HALLB\12G_Target\230926A

Hall B Saclay target was surveyed on 29th of September, 2023. The Beam Following coordinates are the offset amount from the designed (ideal) location, where positive X is the beam left, positive Y is above and positive Z is downstream from the ideal position. The delta angles are the difference from the design shown in degrees, in a right-hand rule.

	X[mm]	Y[mm]	Z[mm]	Yaw[deg.]	Pitch[deg.]	Roll[deg.]
HB12TG_50mmUS	-0.23	0.29	-50.24	-0.0073	-0.0046	0.0070
TARGET_FLG	-0.23	0.29	-136.47			
CARBON	-0.86	-31.82	85.51			
COPPER	-1.01	-31.90	85.55			
EMPTY	-1.21	-32.00	85.53			

	X[mm]	Y[mm]	Z[mm]	Yaw[deg.]	Pitch[deg.]	Roll[deg.]
HB12TG_150mmUS	0.94	-0.10	-149.99	0.0116	-0.0002	-0.0015

