



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Stepanyan, B. Miller

DATE: 01/24/2022

FROM: Chris Gould

Checked: TPSIII

: B2025

DETAILS:

M:\align\DATA\Step2B\HALLB\TARGET\SACLAY\220119A

The Saclay target was aligned on January 18th, 2022. The results are below.

The ideal and found coordinates are based on the CEBAF coordinate system. The Beam Following coordinates are the amount offset from the design (ideal) location, where a +X is beam left, a -Y is lower and -Z is upstream from the ideal, looking downstream. The delta angles are the difference from design shown in degrees.

Ideal (m)		
X	Y	Z
-80.60000	103.35526	-398.82153
Found (m)		
X	Y	Z
-80.60020	103.35515	-398.79120

BFS (mm)		
X	Y	Z
0.20	-0.11	-30.33

Delta Angles		
Pitch	Yaw	Roll
-0.0115	0.0302	-0.1570