



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** T. Whitlatch

**DATE:** 01/24/2022

**FROM:** C. Gould

**Checked:** TPSIII

**# :** D2024

**DETAILS:**

data : Step 2B\HALLD\TAGGER\Microscope\220119A

Below are the Hall D Tagger Microscope results recently carried out on 01/18/22. 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 up and -Z is upstream from the ideal.

Ideal(m)		
Z	X	Y
309.17300	79.06930	104.70000

Ideal Rotations (deg.)		
Yaw(rY)	Pitch (rX)	Roll (rZ)
-8.0500	0.0000	0.0000

As-Set(m)		
Z	X	Y
309.16969	79.07034	104.70055

Set Rotations ( deg.)		
Yaw(rY)	Pitch (rX)	Roll (rZ)
-8.0704	-0.0123	0.2011

Beam Following (mm)		
Z	X	Y
-3.42	0.57	0.55