



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** B. Miller, S. Stepanyan, E. Pasyuk

**DATE:** 04/05/2020

**FROM:** Chris Gould

**Checked:**

**# :** B1973

**DETAILS:**

data: Step2B\HALLB\Bonus\200319A

The following are the results of Bonus 3 detector installed during the week of March 16<sup>th</sup>, 2020. Both Cebaf Mechanical and Beam Following coordinates are shown. In the BFS, a positive X value is beam left, a positive Y is up and negative Z is upstream. Angles are in degrees.

It was agreed that the FMT detector would be measured after the run.

	IDEAL CEBAF			FOUND CEBAF		
	X[m]	Y[m]	Z[m]	X[m]	Y[m]	Z[m]
<b>BONUS</b>	-80.60000	103.35526	-398.82153	-80.60001	103.35543	-398.79140

	BFS			YAW(Ry)	PITCH(Rx)	ROLL(Rz)
	X[mm]	Y[mm]	Z[mm]			
<b>BONUS</b>	0.01	0.17	-30.13	-0.0046	-0.0015	-0.0093