



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** T. Whitlatch

**DATE:** 03/10/2021

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**Checked:**

**# :** D1994

**DETAILS:**

Step2B\HallD\FTOF\210309A

\*\*\*\*\*Preliminary\*\*\*\*\*

The data below shows the as-set positions of the FCAL and FTOF following the adjustments made by Hall D.

For the local coordinates, positive dx is to the beam left from zero position looking downstream; negative -y is the amount lower than the beamline; positive z is amount downstream from the zero position.

	Cebaf Coordinates [meters]			Beam Following [mm]			Angular data [ degrees]		
	X[m]	y[m]	Z[m]	dx	dy	dz	yaw	pitch	roll
HDFCAL	80.60182	104.70009	404.38259	1.82	0.09	-4.21	-0.02091	0.02865	-0.01461
HDFTOF	80.59966	104.70732	404.18284	-0.34	7.32	-6.96	-0.07706	0.05788	-0.19681