



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 04/05/2020

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Checked:

: B1973

DETAILS:

data: Step2B\HALLB\Bonus\200319A

The following are the results of Bonus 3 detector installed during the week of March 16th, 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]
BONUS	-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]			
BONUS	0.01	0.17	-30.13	-0.0046	-0.0015	-0.0093