



Jefferson Lab Alignment Group

Data Transmittal

TO: T. Whitlatch

DATE: 10/20/2021

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Checked: TPSIII

: D2014

DETAILS:

M:\align\DATA\Step2B\HallD\COMPCAL\211020A

The data below shows the as found position of the Hall D, CMPCAL surveyed on 20th October 2021. The found coordinates are in the CEBAF coordinate system. For the local coordinates, positive x is to the beam left from zero position looking downstream; positive y is above the beamline; positive z is downstream. A positive yaw angle will be counterclock wise from above, a positive pitch angle will be clock wise from beam left, and a positive roll angle will be clock wise looking downstream.

Name	CEBAF measured			Beam Following System			Angular Position [deg.]		
	X[m]	Y[m]	Z[m]	dx[mm]	dy[mm]	dz[mm]	Yaw ^o	Pitch ^o	Roll ^o
CMPCAL	80.59991	104.70067	410.89731	-0.09	0.67	-42.28	-0.04927	-0.10686	-0.00888