



Jefferson Lab Alignment Group

Data Transmittal

TO: T. Whitlatch

DATE: 28 Feb 2023

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Checked: TPSIII

: D2066

DETAILS:

M:\align\DATA\Step2B\HALLD\COMPCAL\230224A

The Hall D, COMPCAL center was surveyed on 24th February 2023. Coordinates in beam following system have a positive dx value to the beam left looking downstream, a positive dy higher vertically, and a positive dz downstream from ideal position. Angles are reported using the right-hand rule; +Pitch is a counter-clockwise rotation looking from left, +Yaw is a counter-clockwise rotation looking from above, +Roll is a counter-clock rotation looking from downstream.

Component	CEBAF Coord. System			Beam Following Coord. System			Angle [deg.]		
	X[m]	Y[m]	Z[m]	ΔX [mm]	ΔY [mm]	ΔZ [mm]	Yaw	Pitch	Roll
COMPCAL_AF	80.60039	104.70001	410.89870	0.39	0.01	-40.89	0.1957	0.1410	-0.2578
COMPCAL_REP	80.00642	104.69992	410.89838	0.42	-0.08	-41.12	0.1633	0.1856	-0.0287