



Jefferson Lab Alignment Group

Data Transmittal

TO: T.Whitlatch

DATE: 08/30/2023

FROM: Elena Balan

Checked:

: D2083

DETAILS:

M:\align\DATA\Step2B\HALLD\CDC\230828A\processed

The Central Drift Chamber was re-surveyed using a procedure used in 2016 on the 24th of August 2023. For the beam following 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 the amount downstream from the zero position. A + yaw angle is counterclockwise looking from above, a + pitch is counterclockwise from the beam right, and a + roll is clockwise looking from upstream.

	CEBAF Coordinates [meters]			Beam Following [mm]			Angular data [degrees]		
	X[m]	y[m]	Z[m]	dx	dy	dz	yaw	pitch	roll
HD_CDC	80.59999	104.69915	399.06475	-0.01	-0.85	4.72	0.0140	-0.0040	0.0556