



Jefferson Lab Alignment Group

Data Transmittal

TO: T. Whitlatch, S. Spiegel

DATE: 06/16/2023

FROM: Elena Balan

Checked: seh

: D2073

DETAILS:

M:\align\DATA\Step2B\HALLD\CDC\230608A
M:\align\DATA\Step2B\HALLD\FDC\230606A

The Hall D Forward Drift Chamber and Central Drift Chamber were surveyed on the 6th and 8th of June 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.

	CEBAF Coordinates [m]			Beam Following [mm]			Angular data [deg.]		
	X[m]	y[m]	Z[m]	dx	dy	dz	yaw	pitch	roll
HDFDC	80.59901	104.69934	399.88819	-0.99	-0.66	4.64	0.04011	-0.01261	-0.01261
HD_CDC	80.60004	104.69876	399.06470	0.04	-1.24	4.67	0.01346	0.00831	0.03065