



Jefferson Lab Alignment Group

Data Transmittal

TO: T. Whitlatch

DATE: 05/19/2023

FROM: Elena Balan

Checked: CG

: D2070

DETAILS:

M:\align\DATA\Step2B\HALLD\FCAL\230321A

The Hall D FCAL was surveyed on the 23rd of March 2023. The report shows the as-found and the as-set FCAL location. The as-set for the FCAL was requested to be 3m downstream.

For the local 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 [meters]			Beam Following [mm]			Angular data [degrees]		
	X[m]	y[m]	Z[m]	dx	dy	dz	yaw	pitch	roll
HDFCAL_IN	80.60237	104.70005	404.38208	2.37	0.05	-4.72	-0.02664	0.04068	-0.01060
HDFCAL_3MOUT	80.60001	104.69880	406.44349	0.01	-1.07	2056.69	-0.03552	0.03323	-0.01232