



Jefferson Lab Alignment Group

Data Transmittal

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Checked: SEH

: B1882

DETAILS:

data: step2a\hallb\target\180810a

The Hall B target was surveyed August 10th, 2018. The data below shows the final as-set locations. Note that the target was planned to be set 30 millimeters upstream from design.

The table below shows the ideal coordinates in the Cebaf coordinate system (meters). The found values are listed in millimeters from the ideal along beamline. A positive x is transverse to the beam left, positive dy is above the beamline, negative dz is upstream from the ideal. The angles are deltas from design (degrees) in the beam following direction.

	Cebaf Coord System Ideal			Beam Following System			Angular Deltas		
	X[m]	Y[m]	Z[m]	dx [mm]	dy [mm]	dz [mm]	dYaw(deg)	dPitch (deg)	dRoll (deg)
HB12TG	-80.60000	103.35526	-398.82153	1.20	1.07	-29.96	-0.0086	0.0066	0.0169