



Jefferson Lab Alignment Group

Data Transmittal

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The data in the first table shows the coordinates for Aerogel and Crystal Test Stand in CEBAF Coordinate System (meters). Both Coordinates are referenced to the centerline of the upstream face.

For angular data: Yaw is a positive counter-clockwise about the Y axis; Pitch is positive counter clockwise about the X axis; Roll is positive clockwise about the Z axis.

	CEBAF Coordinates [meters]			Angular data [degrees]		
	X[m]	Y[m]	Z[m]	yaw	pitch	roll
Aerogel	81.24416	104.69931	391.77542	7.2411	-0.0080	0.5470
Crystal_Test_stand	80.13307	104.71034	390.90099	-4.1398	-0.1681	-0.0708

In the second table the coordinates for the Pair Spectrometer are presented. The positions are shown in the CEBAF coordinate system (meters).

	CEBAF Coordinates [meters]			Angular data [degrees]		
	X[m]	Y[m]	Z[m]	yaw	pitch	roll
Pair Spectrometer	80.59998	104.69979	386.76706	0.0054	0.0155	-0.0012