



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: C1904

DETAILS:

M:\align\DATA\Step2B\BSY\3C_12\190205A

Listed below are the 3H07 components set on the Hall C Super Harp Girder. New encoder values are provided for IHA3H07A due to wire re-work. These values are based on the wires at ideal beam center. The as-set locations are reported in a beam following system relative to the target where a +X is beam left, a +Y is up and a -Z is upstream of the target. Values are in millimeters and degrees.

	X	Y	Z	Rx(Pitch)	Ry(Yaw)	Rz(Roll)
IHA3H07A	0.34	-0.07	-2950.62	-0.0035	0.0545	-0.0244
IHA3H07B	0.59	-0.62	-1546.28	0.0247	0.0525	-0.0068
IPM3H07A	0.15	-0.32				
IPM3H07B	0.20	-0.45				
IPM3H07C	-0.14	-0.30				

IHA3H07A	ENCODER VALUE	CALIPER READING(MM)
VERTICAL WIRE 1	46100	85.41
HORIZ. WIRE 1	78107	105.05
VERTICAL WIRE 2	112024	126.39
HOME	1382	