



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: D1430

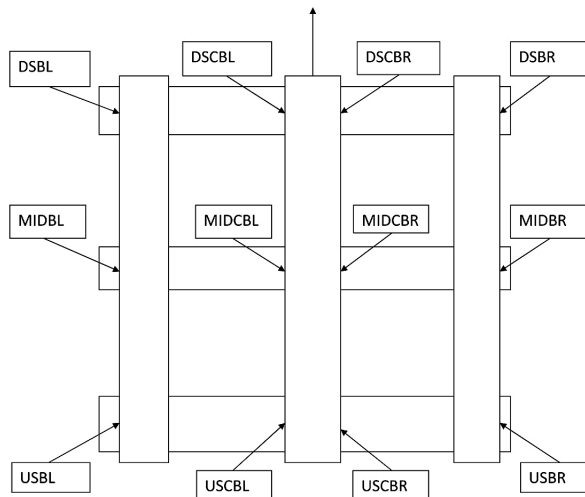
DETAILS:

DATA: ..\Inspection\HallID\120113A

Below are the locations of the pair spectrometer rails on the Hall D platform. Values are in millimeters in a right handed system relative to the ideal beam position, with +X to the beam left, and +Y up. The ideal X is based on an I-Beam width of 210mm (8.28"), and drawing D00000-05-00-2001 (-). The ideal Y is based on a value of 990.6mm (3' 3") below beam which is flush with the collimator cave floor.

Point Name	Measured Location (mm)			Ideals		Diff. from Ideal	
	X	Y	Z	X	Y	X	Y
DSBL	744.9	-985.3	-8697.4	740.2	-990.6	4.7	5.3
DSBR	-737.4	-984.5	-8679.8	-740.2	-990.6	2.7	6.1
DSCBL	114.1	-986.0	-8698.8	105.2	-990.6	8.9	4.6
DSCBR	-99.3	-986.2	-8690.4	-105.2	-990.6	5.9	4.4
MIDBL	743.3	-991.5	-9771.9	740.2	-990.6	3.2	-0.9
MIDBR	-737.9	-990.2	-9784.7	-740.2	-990.6	2.3	0.4
MIDCBL	113.0	-992.6	-9775.6	105.2	-990.6	7.9	-2.0
MIDCBR	-100.0	-990.8	-9766.2	-105.2	-990.6	5.2	-0.2
USBL	745.5	-995.1	-11203.7	740.2	-990.6	5.4	-4.5
USBR	-739.6	-995.8	-11214.3	-740.2	-990.6	0.6	-5.2
USCBL	110.7	-996.1	-11223.7	105.2	-990.6	5.5	-5.5
USCBR	-101.2	-995.8	-11224.4	-105.2	-990.6	4.0	-5.2

Hall D Upstream Set of Top Rails



ALL MEASUREMENTS ARE IN MILLIMETERS