



Jefferson Lab Alignment Group

Data Transmittal

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DETAILS:	

Below are the results of the Hall B eg3 beamline survey performed on Dec 3, 2004. The values are relative to the ideal CLAS center (in millimeters), with a -Z upstream, a +X to the beam left, and a +Y up. The Z value for the target is based on an ideal distance from the upstream flange of 150.0 inches. With the exception of the upstream face of the aluminum (Al), flange on the start counter, the remaining Z values for the start counter are approximate.

LOCATION	Z	X	Y
Sweeper magnet	-15547.2	-0.30	0.06
Collimator	-14320.6	-0.56	0.52
Harp IPH2H00	-14120.2	-0.42	0.03
Pair Spectrometer magnet	-12974.8	0.78	-0.27
Pair spectrometer dnst pipe	-11956.0	-1.84	-0.82
Reducing pipe	-9832.0	1.56	2.29
Turbo pump	-9626.3	-1.25	-0.22
Valve VBV2H01A	-7330.8	-1.62	1.67
Eg3 Target	-501.2	-0.01	0.32
Start counter upst Al flange	-902.1	-0.74	-1.34
upst det.	-662.1	-0.99	-1.62
midd det.	-452.1	-0.48	-1.46
dnst det.	-237.1	-0.40	-0.82
dnst aperture	-109.3	-0.34	-0.37