



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: A1043

DETAILS:

Below are the results from the Feb 22nd survey in Hall A which measured the foil targets layed out during the target mirror survey, as well as the locations of the superharps and BCM. The values represent the difference in millimeters from the ideal position of each fiducial. A positive X value is to the beam left, a positive Y is too high.

Target Mirror Autocollimation Line:

Horizontal angle to main beamline : 120.063 deg

Vertical angle : -0.42 deg (sloping down from target)

Superharps

	DX	DY
SH1H01A	-0.16	-0.28
SH1H01B	-0.13	-0.33
SH1H01C	-0.10	-0.33
SH1H02A	-0.47	-0.22
SH1H02B	-0.29	-0.25
SH1H02C	-0.33	-0.24

Cavity BPMs

BCM1H2A	-0.50	-0.45
BCM1H1B	-0.23	-0.70
BCM1H1C	-0.09	-0.45
BCM1H2D	-0.21	-0.42