

Jefferson Lab Alignment Group

Data Transmittal

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FROM: Kelly Tremblay	Checked: (seh) # : C1793		#: C1793
DETAILS:	data: aalign\shms\s170530		
Below are the results from the survey of SHMS spe the SHMS was close to the straight-ahead beamline much the central axis of the spectrometer misses th the spectrometer axis, not along the beam line. For that the spectrometer is pointing above the target.	e. The horizontal ne ideal target. Th the vertical pointi	pointing val	lue shows how perpendicular to
The central ray of the spectrometer is at -10.479 degre	es		

the spectrometer is at iay Ol 10. 479 uegi ees

FOR SHMS REPORTING angle is : 7.4787 degrees

The central ray is missing the defined target center by -0.06 [mm] Downstream and 1.29 mm vertically [positive value is up]

Bender RotZ (roll) = 0.00692 degrees Bender RotX (pitch) = 0.02302 degrees Bender RotY (yaw) = 133.43109 degrees Bender Rotation wrt Hall C Zero Azimuth = 9.05323 degrees Bender Calc A posteriori value= 0.020 millimenters

9 Par A posteriori value :	0.12 (mm)
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A sketch shows the results on the following page.

