



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

A876

Details:

Below are the results from the hadron (right) spectrometer survey carried out on May 27th, 2003. Also included are the results from the superharp survey carried out on the same day. 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.

===== RESULTS ===== H052703A

The central ray of the spectrometer is at 12.519 degrees.
It is missing the defined target center by 2.30 mm downstream,
and -0.70 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 12.504 degrees.

*.9PR : 0.136 *.3DD : 2.14

Superharps

	DX	DY	locations in mm (+ is beam left)
SH1H01A	0.244	0.160	
SH1H01B	0.268	0.150	
SH1H01C	0.355	0.160	
SH1H02A	-0.255	-0.030	
SH1H02B	-0.148	-0.020	
SH1H02C	-0.146	0.080	