



Jefferson Lab Alignment Group

Data Transmittal

TO: J. Gomez, J. LeRose

DATE: 27 Feb 2007

FROM: Chris Curtis

Checked:

: A1099

DETAILS:

Below are the results from the hadron (right) spectrometer survey carried out on 22nd February, 2007. The coordinates of the three new points located on the link are given. These coordinates are in millimeters relative to the Hall A target and beamline, with +Z along the beam, +X to the beam left, and +Y up. The horizontal offset from each point to a line between the ideal target and the spectrometer Jack point is also shown.

===== RESULTS ===== H022107A

The central ray of the spectrometer is at 24.019 degrees.
 It is missing the defined target center by 3.03 mm downstream,
 and 0.57 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 23.999 degrees.

*.9PR : 0.136 *.3DD : 1.10

	Z (mm)	X (mm)	Y (mm)	Offset (mm)
JACK	7724.93	-3439.18	-0.98	0.00
HSPECTX	517.14	-2379.35	-2547.39	-1963.33
HSPECTY	5102.93	-4041.43	-2507.27	-1616.60
HSPECTZ	5556.92	-1327.29	-2469.43	1047.56