Jefferson Lab Alignment Group

Data Transmittal

TO: Rolf Ent, John LeRose		**DATE:** 19 Oct 2006
FROM: Chris Curtis	**Checked:**	**# :** A1080

DETAILS:

Below are the results from the electron (left) spectrometer, and the hadron (right) spectrometer surveys carried out on 16th October, 2006.

========== RESULTS ========== E101606A

The central ray of the spectrometer is at -49.115 degrees.
It is missing the defined target center by 0.93 mm upstream,
and -0.77 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 310.879 degrees.

*.9PR : 0.131 *.3DD : 2.43

========== RESULTS ========== E101606B

The central ray of the spectrometer is at -45.289 degrees.
It is missing the defined target center by 1.18 mm upstream,
and -0.63 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 314.703 degrees.

*.9PR : 0.134 *.3DD : 2.28

========== RESULTS ========== H101606A

The central ray of the spectrometer is at 29.730 degrees.
It is missing the defined target center by 2.53 mm downstream,
and -0.41 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 29.713 degrees.

*.9PR : 0.140 *.3DD : 2.15

========== RESULTS ========== H101606B

The central ray of the spectrometer is at 29.221 degrees.
It is missing the defined target center by 2.99 mm downstream,
and -0.54 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 29.201 degrees.

*.9PR : 0.141 *.3DD Stand Error : 1.65