

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Javier Gomez, Arun Saha, John LeRose

DATE: 10 May, 2000

FROM: Chris Curtis

Checked: # A599

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron and Hadron arm on March 30.

===== RESULTS ===== E033000a

The central ray of the spectrometer is at -20.586 degrees.
It is missing the defined target center by 1.61 mm upstream,
and .38 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -20.597 degrees.

*.3dd = 0.89 *.9pr = 0.13

===== RESULTS ===== E033000b

The central ray of the spectrometer is at -38.079 degrees.
It is missing the defined target center by 2.60 mm upstream,
and .09 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 321.903 degrees.

*.3dd = 0.99 *.9pr = 0.13

===== RESULTS ===== H033000a

The central ray of the spectrometer is at 25.525 degrees.
It is missing the defined target center by 3.36 mm downstream,
and -.27 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 25.502 degrees.

*.3dd = 1.54 *.9pr = 0.12