

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Ed Folts, Javier Gomez, John LeRose

DATE: 19 Nov, 1999

FROM: Chris Curtis

Checked: # 563

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron arm on November 17 - 19th.

===== RESULTS ===== E111799A

The central ray of the spectrometer is at -30.221 degrees.
It is missing the defined target center by 3.05 mm upstream,
and -.08 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -30.242 degrees.

*.3dd = 1.22 *.9pr = 0.11

===== RESULTS ===== E111899A

The central ray of the spectrometer is at -66.358 degrees.
It is missing the defined target center by 2.77 mm upstream,
and -1.22 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 293.623 degrees.

*.3dd = 1.18 *.9pr = 0.11

===== RESULTS ===== E111999A

The central ray of the spectrometer is at -12.412 degrees.
It is missing the defined target center by 1.14 mm upstream,
and -.55 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -12.419 degrees.

*.3dd = 1.20 *.9pr = 0.11