

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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DATE: Apr 11, 2002

FROM: C. J. Curtis

Checked:

: A757

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) arm and Hadron (right) arm on April 8th, 2002.

===== RESULTS ===== E040802A

The central ray of the spectrometer is at -22.644 degrees.
It is missing the defined target center by 2.24 mm upstream,
and 0.44 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -22.659 degrees.

*.9PR : 0.095 *.3DD : 1.23

===== RESULTS ===== H040802A

The central ray of the spectrometer is at 25.254 degrees.
It is missing the defined target center by 3.41 mm downstream,
and 0.13 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 25.231 degrees.

*.9PR : 0.114 *.3DD : 1.45