

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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DATE: May 16, 2002

FROM: Chris Curtis

Checked: # : A772

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) and the Hadron (right) arm on May 14th, 2002.

===== RESULTS ===== E051402A

The central ray of the spectrometer is at -12.674 degrees.
It is missing the defined target center by 1.78 mm upstream,
and -0.26 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -12.686 degrees.

*.9PR : 0.116 *.3DD : 0.91

===== RESULTS ===== H051402A

The central ray of the spectrometer is at 62.038 degrees.
It is missing the defined target center by 2.42 mm downstream,
and 1.73 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 62.022 degrees.

*.9PR : 0.138 *.3DD : 1.58