Jefferson Lab Alignment Group
DATA TRANSMITTAL

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FROM: Chris Curtis **Checked:** **# :** A761

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) arm and Hadron (right) arm on April 19th & 23rd, 2002.

========== RESULTS ========== E041902A

The central ray of the spectrometer is at -21.486 degrees.
It is missing the defined target center by 2.19 mm upstream,
and 0.58 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -21.501 degrees.

*.9PR : 0.130 *.3DD : 1.16

========== RESULTS ========== H041902A

The central ray of the spectrometer is at 44.455 degrees.
It is missing the defined target center by 0.32 mm upstream,
and 0.80 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 44.458 degrees.

9PR : 0.098 *.3DD : 1.26

========== RESULTS ========== E042302A

The central ray of the spectrometer is at -22.147 degrees.
It is missing the defined target center by 2.45 mm upstream,
and 0.72 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -22.163 degrees.

*.9PR : 0.126 *.3DD : 1.18