Jefferson Lab Alignment Group
DATA TRANSMITTAL

TO: J. Arrington, J. Gomez, N. Liyanage, J. LeRose **DATE:** May 10, 2002

FROM: Chris Curtis **Checked:** **# :** A769

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) arm and the Hadron (right) arm on May 10th, 2002.

========== RESULTS ========== E051002A

The central ray of the spectrometer is at -30.984 degrees.
It is missing the defined target center by 1.53 mm upstream,
and 0.36 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -30.995 degrees.

*.9PR : 0.119 *.3DD : 0.90

========== RESULTS ========== E051002B

The central ray of the spectrometer is at 146.876 degrees.
It is missing the defined target center by 1.85 mm upstream,
and 0.49 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -33.136 degrees.

*.9PR : 0.129 *.3DD : 1.12

========== RESULTS ========== H051002A

The central ray of the spectrometer is at 63.202 degrees.
It is missing the defined target center by 3.11 mm downstream,
and 1.86 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 63.181 degrees.

*.9PR : 0.128 *.3DD : 1.55