# Jefferson Lab Alignment Group <br> DATA TRANSMITTAL 

TO: J. Arrington, J. Gomez, N. Liyanage, J. LeRose DATE: May 16, 2002
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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 14 ${ }^{\text {th }}, 2002$.
$================$ RESULTS $===============\mathrm{E} 051402 \mathrm{~A}$
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 $=u p$ ).

If the offset is corrected by secondary alignment, the spectrometer will be at -12.686 degrees.
*.9PR : 0.116 *.3DD : 0.91
================= $\mathrm{RESULTS}===============\mathrm{H} 051402 \mathrm{~A}$
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 $=u p$ ).

If the offset is corrected by secondary alignment, the spectrometer will be at 62.022 degrees.
*.9PR : $0.138 \quad$ *.3DD : 1.58

