

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

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DATE: 12 Mar 2002

FROM: C.J. Curtis

Checked:

# : A746

### DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) arm and Hadron (right) arm on March 6<sup>th</sup>, 2002.

===== RESULTS ===== E030602A

The central ray of the spectrometer is at -14.699 degrees.  
It is missing the defined target center by 1.70 mm upstream,  
and 0.62 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -14.711 degrees.

\*.9PR : 0.112      \*.3DD : 1.27

===== RESULTS ===== H030602A

The central ray of the spectrometer is at 84.900 degrees.  
It is missing the defined target center by 2.02 mm downstream,  
and 2.27 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 84.887 degrees.

\*.9PR : 0.110      \*.3DD : 1.40