

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

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DATE: 23 February 2001

FROM: C.J. Curtis

Checked:

# : A655

### DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron and Hadron arms on February 22.

#### ===== RESULTS ===== E022201A

The central ray of the spectrometer is at -34.428 degrees.  
It is missing the defined target center by 2.44 mm upstream,  
and .11 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -34.444 degrees.

\*.3dd = 1.35

\*.9pr = 0.09

#### ===== RESULTS ===== H022201B

The central ray of the spectrometer is at 43.183 degrees.  
It is missing the defined target center by .59 mm upstream,  
and .69 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 43.186 degrees.

\*.3dd = 2.34

\*.9pr = 0.13