

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

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DATE: 20 Mar, 2000

FROM: Chris Curtis

Checked: # 586

### DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron arm on March 13, and the Hadron arm on March 15.

===== RESULTS ===== E031300a

The central ray of the spectrometer is at -118.704 degrees.  
It is missing the defined target center by 2.34 mm upstream,  
and .82 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 241.280 degrees.

\*.3dd = 1.29      \*.9pr = 0.11

===== RESULTS ===== H031500a

The central ray of the spectrometer is at 30.580 degrees.  
It is missing the defined target center by .51 mm upstream,  
and .26 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 30.583 degrees.

\*.3dd = 1.00      \*.9pr = 0.12

===== RESULTS ===== H031500b

The central ray of the spectrometer is at 25.484 degrees.  
It is missing the defined target center by 3.30 mm downstream,  
and .34 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 25.461 degrees.

\*.3dd = 1.16      \*.9pr = 0.12