

# 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 10<sup>th</sup>, 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