

# ***Jefferson Lab Alignment Group***

## **DATA TRANSMITTAL**

**TO:** Marko Zeier, Rolf Ent, Mike Fowler

**DATE:** 28 June 2001

**FROM:** C. J. Curtis

**Checked:** # : C677

**DETAILS:**

Below are the results from the HMS spectrometer pointing survey carried out on the 20<sup>th</sup> June 2001.

===== RESULTS ===== M062001A

The central ray of the spectrometer is at 17.996 degrees.  
It is missing the defined target center by 0.01 mm upstream,  
and -2.11 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 17.996 degrees.

\*.9PR A poster val : 0.69

\*.3DD Stand Error : 1.75