



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** C.Munoz Camacho ,E. Folts

**DATE:** 07 Nov 2014

**FROM:** Steve Hardisty

**Checked:** JMW

**# :** A1586

**DETAILS:**

Aalign\Electron&sh\2014\E102714A\_1

Below are the results from the survey of the left spectrometer on Oct 27<sup>th</sup>, 2014. The horizontal pointing value shows how much the central axis of the spectrometer misses the ideal target. This value is perpendicular to the spectrometer axis, not along the beam line. For the vertical pointing, a positive value indicates that the spectrometer is pointing above the target.

The central ray of the spectrometer is at -22.841 degrees

The central ray is missing the defined target center by -0.53 [mm] upstream and -0.37 mm vertically [positive value is up]

If the offset is corrected by secondary alignment, the spectrometer will be at -22.845 degrees. To achieve this optimal setting make the following adjustments:

Horizontal corrections:

Move rear jacks along target -0.54 mm Upstream

9 Par Aposter Val : 0.13 (mm)

3dd stdev : 1.21