# guacas <br> , yex ye <br> <br> Jefferson Lab Alignment Group <br> <br> Jefferson Lab Alignment Group <br> Data Transmittal 

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Checked:TPS III
\# : A1860
DETAILS: :
Below are the results from the survey of the right spectrometer on April 30, 2018.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.

A graphical sketch is shown at the end of this transmittal
$===============$ RESULTS $===============\mathrm{H} 043018 \mathrm{~A}$
The central ray of the spectrometer is at 48.823 degrees The central ray is missing the defined target center by 4.00 [mm] Upstream and -1.73 mm vertically [positive value is up]

If the offset is corrected by secondary alignment, the spectrometer will be at 48.796 degrees

To achieve this optimal setting make the following adjustments: spectrometer will be at 48.796 degrees Horizontal corrections:
Move rear jacks along tangent -4.08 mm Upstream
9 Par A posteriori value : $0.24(\mathrm{~mm})$


