

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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FROM: C.J. Curtis

Checked:

: A712

DETAILS:

Below are the results from the Hadron spectrometer pointings carried out between October 11th and 15th, 2001.

===== RESULTS ===== H101101A

The central ray of the spectrometer is at 24.988 degrees.
It is missing the defined target center by 3.08 mm downstream,
and -0.03 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 24.967 degrees.

*.9PR : 0.130 *.3DD : 0.87

===== RESULTS ===== H101201A

The central ray of the spectrometer is at 12.625 degrees.
It is missing the defined target center by 3.13 mm downstream,
and -.69 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 12.604 degrees.

*.9PR : 0.133 *.3DD : 1.80

===== RESULTS ===== H101501A

The central ray of the spectrometer is at 74.999 degrees.
It is missing the defined target center by 0.25 mm upstream,
and 1.89 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 75.000 degrees.

*.9PR : 0.113 *.3DD : 2.42

===== RESULTS ===== H101501B

The central ray of the spectrometer is at 56.234 degrees.
It is missing the defined target center by 2.66 mm downstream,
and 0.82 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 56.216 degrees.

*.9PR : 0.116 *.3DD : 2.16