



Jefferson Lab Alignment Group

Data Transmittal

TO: H. Yao, J LeRose

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FROM: J. Dahlberg

Checked:

: A1196

DETAILS:

Below are the results from the left and right sieve slit surveys carried out on Feb 22, 2007. Refer to DT# A1102 for the survey results from which these coordinates are derived from. The first sets of coordinates are to the center of the slits relative to the spectrometer center line. The second set is relative to the hall A target and beam line as reported in the DT # A1102. A +X is to the beam left, A +Z is downstream, and a +Y is up. Values are in millimeters.

Note: The survey target used to locate the slits was placed directly in the four outside corner holes of each slit on the upstream face and therefore, the upstream face of the slit is approximately 6 millimeters downstream from these locations. (See illustration below)

RELATIVE TO THE SPECTROMETER CENTER LINE

LOCATION	Z	X	Y
Left (electron slit)	974	1.48	2.76
Right (hadron slit)	1002	-1.31	-2.67

RELATIVE TO THE HALL A BEAM LINE

LOCATION	Z	X	Y
Left (electron slit)	949	213.93	2.12
Right (hadron slit)	977	-215.76	-3.19

