

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: O. Rondon, M. Jones

DATE: Jan. 24, 2002

FROM: C. J. Curtis

Checked:

: C733

DETAILS:

Below are the results of the recent survey of the Hall C beam line components in the 90 degree position. Differences from ideal location are given in millimeters with a +X to the beam left, a +Y high, and +Z downstream. The differences for the BZ magnet are based on an ideal elevation of 99.81327m at the center. The super harp coordinates are valid only when the corresponding encoder value (in parenthesis) is set.

COMPONENT	DX	DY
IPM3C20A	-0.17	0.02
IPM3H00	0.08	0.04
IPM3H00A	-0.24	-0.24
IHA3H00	0.13 (5A83)	0.02 (D813)
IPM3H00B	-0.29	0.09
IHA3H00A	0.02 (52EA)	-0.03 (D9B9)
SEM	0.55	-0.02