

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: O. Rondon, M. Jones

DATE: Feb. 14, 2002

FROM: J. Dahlberg

Checked:

: C739

DETAILS:

Below are the results of the recent survey of the Hall C beam line components in the tune up position. The target is currently rotated to the 0° angle. Differences from ideal location are given in millimeters with a +X to the beam left, a +Y high, and +Z downstream. The super harp coordinates are valid only when the corresponding encoder value (in parenthesis) is set.

COMPONENT	DX	DY	DZ
IPM3C20A	-0.03	+0.01	
IPM3H00	+0.02	-0.13	
IPM3H00A	-0.28	-0.25	
IHA3H00	+0.16 (5A83)	0.00 (D813)	
IPM3H00B	-0.58	-0.10	
IHA3H00A	-0.34 (52EA)	-0.08 (D9B9)	
SEM	-0.02	-0.04	
TARGET AT 0°	+1.23	+1.08	-2.05
DOWNSTREAM BEAM PIPE			
(upstream end)	+1.8	+26.2 (top)	
(downstream end)	+3.9	+24.1 (top)	