

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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FROM: J. Dahlberg

Checked: # : C728

DETAILS:

Below are the results of the recent as found survey of the Hall C GEN beam line components in the 3.481 Gev position. Prior to this survey, the target had been shifted approximately four millimeters to the beam right from the original ideal beam centerline position. The differences from ideal location are given 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
IPM3H00A	+0.70	-0.21	
IHA3H00	+1.01 (5A83)	+0.03 (D813)	
IPM3H00B	+0.04	-0.30	
IHA3H00A	+0.23 (52EA)	-0.40 (D9B9)	
SEM	+0.64	-0.38	
TARGET	-4.69	-0.33	+0.44