

# *Jefferson Lab Alignment Group*

## DATA TRANSMITTAL

**TO:** J. Benesch, D. Day, M. Zeier, C. Yan

**DATE:** Oct. 30, 2001

**FROM:** J. Dahlberg

**Checked:** # : C714

### DETAILS:

Below are the results of the recent survey of the Hall C GEN beam line components in the 3.481 Gev position. The target was shifted back to the original design location as requested. Both the target as found and the as set locations are given below. 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
IPM3C20A	+0.10	-0.22	
IPM3H00	-0.43	+0.14	
IPM3H00A	-0.15	-0.06	
IHA3H00	-0.12 (5A83)	+0.03 (D813)	
IPM3H00B	-0.26	0.00	
IHA3H00A	-0.12 (52EA)	-0.20 (D9B9)	
SEM	+0.44	-0.15	
TARGET (found)	-4.23	-0.30	+0.39
TARGET (set)	+0.17	-0.35	+0.29