



Jefferson Lab Alignment Group

Data Transmittal

TO: R. Ent, M. Spata, A. Freyberger

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FROM: J. Dahlberg

Checked:

: C995

DETAILS:

Below are the results of the survey performed on the Line C diagnostic equipment for the June, 2005 HKS experiment. The values are relative to ideal beam following location (in mm), with +X to the beam left, +Y above, and +Z downstream. The super harp positions are only valid when the corresponding encoder value is set for the vertical wire (X), and the horizontal wire (Y). Note that harp IHA3H00A has an encoder value for a second vertical wire. The viewer flanges listed below are to the flanges that the viewers attach to. Although the viewers are not installed at this time, they are hard fixed to these flanges.

COMPONENT	X	Y	Z
IPM3C20AH	0.08	0.10	
IPM3C20AV	0.12	0.04	
IBC3C20	-0.45	0.41	
IPM3C20A	-0.54	-0.35	
IPM3H00	-0.62	0.02	
IPM3H00A	-0.47	0.35	
IHA3H00	-0.10 (653A)	-0.03 (A70B)	
IPM3H00AA	-0.52	-0.10	
IPM3H00B	-0.14	0.01	
ITV3800	-0.39	-0.08	
IHA3H00A	-0.13 (6B38, E100)	0.09 (9DF4)	
IPM3H00C	-0.14	0.00	
IBC3800	-0.07	1.31	
VIEWER FLANGE(upst DZ)	3.58	-1.81	
VIEWER FLANGE(dnst DZ)	1.41	-0.30	
YAG VIEWER	-0.29	-1.50	
VIEWER FLANGE(upst EZ)	-7.77	2.61	
VIEWER FLANGE(dnst EZ)	0.28	-2.98	