



Jefferson Lab Alignment Group

Data Transmittal

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DATE: Jun 18, 2004

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Checked:

: C935

DETAILS:

Below are the results of the survey performed on the Hall C pivot diagnostic girder and BPM downstream from the target during the week of June 14, 2004. The values are relative to ideal location (in mm), with +X to the beam left, and +Y above. 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 IHA3H00A has an encoder value for a second vertical wire.

Also included are the results from the post run survey (performed on May 17th) of the BPM's upstream of the pivot.

COMPONENT	X	Y
IPM3C20AH	0.10	-0.13
IPM3C20AV	0.13	-0.19
IBC3C20	-0.44	0.19
IPM3C20A	-0.48	-0.50
IPM3H00	-0.62	-0.10
IPM3H00A	0.06	0.19
IHA3H00	-0.02 (653A)	0.02 (A70B)
IPM3H00AA	-0.25	-0.05
IPM3H00B	-0.05	0.07
IHA3H00A	-0.12 (6B38, E100)	0.06 (9DF4)
IPM3H00C	0.10	0.11
DNST BPM	0.69	0.46