



Jefferson Lab Alignment Group

Data Transmittal

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FROM: J. Dahlberg

Checked:

#: C1110

DETAILS:

Data: step2b\hallc\tgtcan\070501a, step2b\beampipe\070502a
step2b\hallc\target\070503a, field notes

Below are the results from the recent survey performed on the Hall C target and upstream beam line. A +X is to the beam right from ideal, a + Z is downstream, and a +Y is above. Values are in millimeters and degrees.

LOCATION	Z	X	Y
UPST BPM'S			
IPM3C20		-0.89	-0.54
IPM3H00		-0.46	-0.21
PIVOT GIRDER			
IPM3H00A		0.05	-0.07
IHA3H00		0.02	-0.26
IPM3H00B		-0.22	-0.11
IPM3H00BB		0.26	0.10
ITV3H00		-0.19	0.07
IHA3H00A		0.03	0.26
IPM3H00C		0.19	-0.02
IBC3H00		0.15	-0.40
TARGET CELLS			
Top cell	-0.46	-0.14	0.17
Midd cell	-0.28	-0.31	0.16
Bott cell	-0.64	0.00	0.17
Top cell repeat.	-0.41	-0.08	0.14
4 cm DUMMY TARGET			
Dnst face of upst tgt.	-19.37		
Dnst face of dnst tgt.	20.60		
SOLID TARGET LADDER			
Dnst face of frame	-3.65		

Pitch: 0.407° clockwise looking from beam right.

Yaw: 0.323° clockwise looking from above.