



Jefferson Lab Alignment Group

Data Transmittal

TO: G. Smith, S Covrig

DATE: 28 Sep 2010

FROM: J. Dahlberg

Checked:

: C1321

DETAILS:

Data: Fiducial\HallC\Qweak\100927a

Below are the results from the Hall C Qweak optics target positioning check. Each set of XY offsets are relative to the actual target placed inside the aperture showing the offset of the aperture. The fiducial data used to position each target will be to the target center, not the aperture. A +X is to the beam left, and a +Y is up. Values are in millimeters.

LOCATION	X	Y
Downstream end of square target aperture 5	0.00	0.00
Downstream end of 22 dia. aperture 5	0.08	0.19
Upstream end of 6.2 X 6.2 target aperture 7	0.00	0.00
Upstream end of 15 X 15 aperture 7	-0.49	0.14
Upstream end of square target aperture 8	0.00	0.00
Upstream end of 15 X 15 aperture 8	0.40	-0.21
Upstream end of square target aperture 9	0.00	0.00
Upstream end of 15 X 15 aperture 9	-0.07	0.34
Upstream end line-line intersect of target 16	0.00	0.00
Upstream end of 15 X 15 aperture 16	0.69	0.27