



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Riad

DATE: 16 Sep 2015

FROM: Jacob Walker

Checked: JCD

: L1669

DETAILS:

Data: M:\align\DATA\Step2B\INJ\081215A

Below are the results from the recent survey carried out on the Bubble Chamber. The coordinates below are given in millimeters. A right-handed coordinate system was established with the origin at the intersection of the Main Beamline and the 5D line rotated 25 degrees about the vertical axis. A +X is left, +Y is above, and +Z is downstream from ideal.

Component	X	Y	Z
Copper Collimator			
Upstream	0.29	-0.01	3299.70
Downstream	0.04	0.00	3405.65
Bubble Chamber			
Left Side Flange	152.54	-0.14	3667.41
Right Side Flange	-183.96	-0.25	3667.56
Upstream Flange	-0.02	-0.13	3483.90
Upstream Entry Hole	0.15	-0.28	3474.13
Downstream Flange	0.05	-0.10	3819.32
Downstream Exit Hole	0.14	-0.19	3860.51