



Jefferson Lab Alignment Group

Data Transmittal

TO: Dave Kashy, Mike Zarecky

DATE: 03 Feb 2006

FROM: Kelly Tremblay

Checked:

: B1037

DETAILS:

Data : m:\align\data\step2b\hallb\target\polarized\060202a

The Hall B upstream beamline components were surveyed on February 2nd, 2006 for the winter 06 EP4A run. The resulting target and beam pipe center locations are shown below. Items shown with a prefix of F are flange locations. TPMPU/D are the upstream / downstream flanges for the turbo pump. F10U/D are the upstream / downstream flange locations for the viewer. The table below shows the upstream distance (dZ) from Clas center in millimeters. A negative dX indicates the component is too far beam right. A negative dY indicates the location is low. The diagram below indicates the approximate location in the beamline for the table data.

Component	dZ	dX	dY
TARGET	-1006.0	-0.1	0.5
FA	-6292.7	1.3	-0.5
FB	-6840.1	0.8	0.1
BPMBOX	-8204.9	-0.8	-0.1
F10D	-8517.2	-2.2	1.2
F10U	-8640.7	-3.1	1.3
F7	-9568.9	-1.9	-1.9
TPMPD	-11054.3	-0.7	-0.6
TPMPU	-11264.2	-1.2	0.9
F4	-12425.0	2.2	-1.6
F2	-12969.7	3.2	-2.0

