



Jefferson Lab Alignment Group

Data Transmittal

TO: L Weinstein, S. Stepanyan, D. Kashy

DATE: 06 Dec 2010

FROM: Kelly Tremblay

Checked:

: B1354

DETAILS:

data: step2b\hallb\tpe10\101117a, 101119a , 101124a, 101209ab

The TPE II (2010) components were surveyed on the 17th, 19th and 24th of November. The target and some of the upstream components (re-surveyed) were surveyed on the 9th of December, 2010. The results are below

The column labeled Z(ups) is the distance upstream from CLAS center. A -dx indicates the found location is to the beam right, -dy indicates the position is below ideal beam and a -dz indicates the location is upstream. The columns labeled dYaw/dPitch/dRoll are the differences from the ideal locations. The linear units for are millimeters and the angular units are degrees.

Component	Z(ups)	dx	dy	dz	dYaw °	dPitch °	dRoll °	Date	misc
FRASC1	-15135.7	-0.1	0.0	3.4	0.0011	0.0054	0.0003	Nov 17	
HRPRAD	-15803.9	-0.4	1.4	-156.7	0.1619	0.6715	0.9156	Nov 17	
TUNGBL	-13416.3	0.2	2.1	-1.2	-0.0054	-0.2736	-0.0988	Nov 17	
PS2H01	-12957.7	0.2	0.1	0.2	0.0003	-0.0043	0.0049	Nov 17	
FRASC2	-10780.5	-0.2	0.0	-3.7	-0.0043	0.0189	-0.0155	Nov 19	
FRASC2	-10776.9	0.6	-1.0	-0.1	0.2134	0.0201	-0.0218	Dec 9	found
FRASC2	-10777.3	-0.5	-1.0	-0.5	0.0278	0.0229	-0.0252	Dec 9	set
PS2H01	-12957.5	0.0	-0.4	0.5	0.0083	-0.0052	0.0106	Dec 9	
TPETGT	-301.0	0.1	1.0	-1.0	0.0034	0.0232	0.0163	Dec 9	

Note that the collimator information was sent in data transmittal B1350.