



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: A1442

DETAILS:

data : Step2b\HallA\g2p\111214A

The upstream G2P harp flanges were surveyed on December 14th, 2011 The results are shown below. The columns labeled 'Coordinates WRT G2p target' are the found coordinates based on a system with the origin at the G2P target, and looking upstream towards the accelerator. +Z is along beam towards the accelerator, +x is transverse, to the left looking upstream, and +y is up vertically from the beam. Deltas in beam following system, indicate the location from ideal, based on the optim coordinates. A +x is beam left looking downstream, +y is up in the vertical plane and +z is downstream along beam. The upstream and down stream flanges were measured, and the center was calculated from these.

IHA1H04	Coordinates WRT G2P target (mm)			Deltas in beam following system (mm)		
name	x	y	z	dx	dy	dz
IHA1H04-US	0.1	-0.1	8080.4	-0.1	-0.1	0.0
IHA1H04-DS	-0.3	0.2	7969.9	0.3	0.2	0.0
IHA1H04-CEN	-0.1	0.1	8025.2	0.1	0.1	0.0