



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Arne Freyberger,Doug Higinbotham,Brad Sawatzky

**DATE:** 02 Apr 2015

**FROM:** Steve Hardisty

**Checked:**

cg

**# :** A1619

**DETAILS:**

M:\align\DATA\Step2B\BSY11C\_12\150401A

Below are the results from the Hall A super harp survey on April 1. The as set locations are in the CEBAF machine coordinate system in meters. The beam following coordinates (BFS) are the deltas from the ideal coordinates in millimeters. A +X is to the beam left, and a +Y is up.

COMPONENT	AS SET			BFS	
	X(M)	Y(M)	Z(M)	DX(MM)	DY(MM)
IHA1H04A_A	-37.37754	100.06151	-387.15818	-0.20	-0.09
IHA1H04A_B	-37.43215	100.06200	-387.20056	-0.16	-0.08
IHA1H04A_C	-37.48762	100.06148	-387.24202	-0.09	0.03
IHA1H04B_A	-34.25436	100.06167	-391.22826	-0.04	0.09
IHA1H04B_B	-34.30915	100.06197	-391.27077	-0.01	0.08
IHA1H04B_C	-34.36420	100.06156	-391.31314	0.00	0.10