



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** J. Grames

**DATE:** 15 Nov 2013

**FROM:** Chris Gould

**Checked:**

**# :** L1528

**DETAILS:**

M:\align\DATA\Step2B\INJ\131031A

Below are the results of the beam pipe installation downstream of IBC0L02M. Coordinates are given in both the CEBAF system and a beam following system. In the BFS a positive X is to the beam left and positive Y is above beam line. See the attached picture for reference numbers.

NAME	CEBAF(M)			BFS(mm)	
	Z	X	Y	X	Y
1	-244.23103	80.59953	100.00096	-0.47	0.96
2	-244.14935	80.59998	100.00064	-0.02	0.64
3	-244.04176	80.60017	100.00058	0.17	0.58
4	-243.81654	80.60002	99.99986	0.02	-0.14
5	-243.65569	80.59966	99.99894	-0.34	-1.06
6	-243.53063	80.59938	99.99854	-0.62	-1.46
7	-243.41960	80.60062	99.99968	0.62	-0.32

