



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** D. Gaskell

**DATE:** 06/12/2019

**FROM:** Steve Hardisty

**Checked:** rtm

**# :** A1926

**DETAILS:**

data: step2b\bsy\1c\_12\190612A

Beam position monitors (BPM) on the Hall A COMPTON laser table were surveyed June 12, 2019. The table below shows the as found location and the offsets from the beam in the beam following system. Additionally the horizontal distance (s) from the target (hall center, not Apex) is shown.

The coordinates s,x,y,z are in meters and are in the CEBAF coordinate system. dx/dy are in a local beam following system in millimeters. A positive dx is to the left of designed beam; a positive dy is above the designed beam.

Item	Point	S[m]	X[m]	Y[m]	Z[m]	dx bfs[mm]	dy bfs[mm]
1	US_IPM1P02A	34.415	-53.9082	99.8066	-365.7268	-1.2	0.1
2	DS_IPM1P02A	34.201	-53.7789	99.8065	-365.8973	0.3	0.2
3	US_IPM1P02B	32.941	-53.0116	99.8060	-366.8974	0.1	-0.5
4	DS_IPM1P02B	32.725	-52.8792	99.8067	-367.0674	-1.5	0.2