



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** B. Zihlman, T. Whitlatch

**DATE:** 05 Nov 2019

**FROM:** Kelly Tremblay

**Checked:** LEB

**# :** D1945

**DETAILS:**

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Targets were placed on the Hall D Forward Time of Flight (FTOF) detectors and located on November 4<sup>th</sup>, 2019

The target coordinates (millimeters) are relative to the FTOF center (0,0,0) established earlier this year (September 2019). Positive x is to the beam left from zero position looking downstream; Negative y is the amount lower than zero; negative z is amount upstream from the zero position. Accuracy for this survey is approximately in the millimeter range. Units shown are millimeters.

Additionally, the center of the opening window is shown.

Target	X [mm]	Y [mm]	Z [mm]
T1	7.6	145.7	-65.7
T2	820.9	147.9	-65.3
T3	-805.3	146.2	-65.5
T4	1.2	843.3	-62.9
T5	811.9	845.5	-64.3
T6	-813.0	845.2	-63.7
T7	4.8	-162.4	-65.9
T8	818.5	-158.2	-64.5
T9	-809.0	-158.9	-65.7
T10	9.3	-857.5	-65.5
T11	822.1	-856.5	-63.4
T12	-804.5	-855.2	-66.4
CI Window	0.9	-5.1	-28.9