



# **Jefferson Lab Alignment Group**

## **Preliminary Data Transmittal**

**TO:** Tim Whitlatch, Bill Crahen

**DATE:** 21 Nov 2013

**FROM:** Matt Walker

**Checked:**

**# :** D1519

### **DETAILS:**

A coordinate system was constructed using the as-built center of the FDC at the eight gusset rings, the average plane of the eight gusset rights, and an average plane of coordinates on the top of the left and right rails. +X is beam left of the FDC center. +Y is above the FDC center. +Z is downstream of the farthest upstream gusset ring face. The most upstream gusset face is named 1US; the gusset face downstream of it is named 1DS. The most downstream gusset face is named 4DS.

Please note that the coordinates on the gusset ring faces have not been compensated for the tooling (0.5" SMR) used to collect this data. This data was left raw at the request of Bill Crahen.

**This is a preliminary report.**