



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** J. Matalevich

**DATE:** 10 Oct 2011

**FROM:** J. Dahlberg

**Checked:**

**# :** U1409

**DETAILS:**

Data: Inspection\12gev\spaceframe\110915A

Attached below is a spreadsheet with the results from the C100 #8 cryomodule space frame survey carried out on Sept 15, 2011. A right-handed coordinate system was established using an average of the four conduits. A +X is to the beam left, a +Z is downstream, and a +Y is up. Z = 0 is located at the average of the upstream ends of the tubes. At each of the 16 rings, a circle was constructed using the four conduit locations. The straightness value is from these 16 points used to define the Z axis. The summarized axial values of the slot and ring locations are corrected in Z to show the actual difference from ideal. Values are in inches and degrees.

[C100-8](#)