



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: U1405

DETAILS:

Data: Inspection\12gev\spaceframe\110720A

Attached below is a spreadsheet with the results from the C100 #7 cryomodule space frame survey carried out on July 20, 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.

[Space frame 7](#)