



Jefferson Lab Alignment Group

Data Transmittal

TO: Tim Whitlatch and Brian Carpenter

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FROM: Richard Schwartz

Checked:

: Z915

DETAILS:

The following are the results of the SNS high beta space frame 07 inspection performed the week of January 5, 2003. A right hand coordinate system was established with the central axis running through the average outer diameters of the six support rings. Ring one is upstream and ring eight is downstream. An average plane through the top two tubes controls roll. Positive X is to the beam left and positive Y is up. Positive Z runs downstream with $Z = 0$ as the average of the four upstream tubes. Values are in inches. Attached is the check sheet with measured values to the corresponding features.

Ring	X	Y
1	0.11	0.09
2	-0.19	-0.01
3	0.07	-0.01
4	0.04	-0.12
5	0.00	-0.06
6	-0.08	0.06
7	0.05	-0.02
8	0.00	0.07