

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Tim Whitlatch, Brian Carpenter

DATE: Dec 13, 2001

FROM: Richard Schwartz

Checked: # : Z724

DETAILS:

Below are the results from the SNS 0.61 Beta space frame inspection performed during the week of Dec. 10th, 2001. The angle defined by each set of slots is relative to a vertical axis perpendicular to the two top tubes which the slots are cut into, (used to set the roll of coordinate system). All values are in degrees. Slot set 1 is upstream and slot set 6 is downstream. Included are two graphs that show the "straightness" of each tube.

<u>Slot Set</u>	<u>Top Beam Right</u>	<u>Bottom Beam Right</u>	<u>Top Beam Left</u>	<u>Bottom Beam Left</u>
1	15.610	15.829	15.575	15.267
2	15.395	15.598	15.323	15.513
3	15.567	15.464	15.564	15.700
4	15.678	15.314	15.672	15.655
5	15.428	15.262	15.603	15.615
6	15.451	15.483	15.454	15.745

