

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Tim Whitlatch, Brian Carpenter

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FROM: Ken Baggett

Checked: # : Z755

DETAILS:

Below are the results from the 12Gev Space Frame 2 re-inspection performed during the week of April 4 – 5, 2002. 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 16 is downstream. The “2 Slots” angles are defined by the top slot and bottom slot of the specified tube. The “Small Slot and Tube” angles are defined by the smaller of the two slots on the tube and the tube centerline.

<u>Slot Set</u>	<u>Measured Slot Loc</u>	<u>2 Slots</u>	<u>Small Slot and Tube</u>
1	Top Beam Right	25.864	25.132
2	Top Beam Right	25.271	25.699
6	Top Beam Left	24.573	25.659
7	Top Beam Left	24.354	26.200
7	Bottom Beam Right	25.553	26.174
8	Top Beam Right	25.537	26.156
11	Bottom Beam Right	24.425	25.442
15	Bottom Beam Left	25.351	25.595

