



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Jack Segal

**DATE:** Feb 18 2004

**FROM:** Richard Schwartz

**Checked:**

**# :** A918

**DETAILS:**

Below are the results on the DVCS rail inspection performed on Feb. 17<sup>th</sup>, 2004. The vertical datum was established using a three point system with rail location C and D used for roll and the average of rail location A and B used for pitch. A (+) value is above the datum. Horizontally, a datum was established parallel to points A and D on a 439.48 mm offset. The right side rail is (+) and the left side (-). The rails have been marked right and left and rail locations numbered. Results are in millimeters.

**VERTICAL** (Top of rail)

**HORIZONTAL** (Inside rail to rail)

A	-0.65	B	0.64	A	439.48	B	-389.22
R1	-0.71	L1	0.73	R1	439.21	L1	-390.01
R2	-0.95	L2	0.93	R2	438.79	L2	-390.50
R3	-0.95	L3	0.73	R3	438.61	L3	-390.95
R4	-0.67	L4	0.71	R4	438.25	L4	-391.50
R5	-0.22	L5	1.48	R5	437.78	L5	-391.95
R6	0.43	L6	2.08	R6	437.23	L6	-392.38
R7	1.03	L7	2.63	R7	436.81	L7	-392.78
R8	1.41	L8	3.03	R8	436.82	L8	-392.35
R9	1.43	L9	2.88	R9	437.40	L9	-391.88
R10	1.59	L10	2.69	R10	438.20	L10	-391.05
R11	1.45	L11	2.39	R11	439.11	L11	-390.71
R12	1.49	L12	2.23	R12	439.92	L12	-390.02
R13	1.33	L13	1.83	R13	440.80	L13	-389.40
R14	0.73	L14	1.03	R14	440.72	L14	-388.88
R15	0.19	L15	0.45	R15	440.40	L15	-388.81
R16	-0.04	L16	0.29	R16	440.10	L16	-389.28
R17	-0.17	L17	0.23	R17	439.74	L17	-389.72
D	0.00	C	0.00D	D	439.48	C	-390.10