

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Tim Whitlatch

DATE: Feb 28, 2002

FROM: Jim Dahlberg

Checked: # : Z744

DETAILS:

Below are the results of the 0.61 beta space frame reinforcing ring inspection performed on February 19th and 20th. All radial points below are to the center of a 6.35mm Ø CMM probe resting on the outside perimeter along the reinforcing rings. A right hand coordinate system was established using an average of all six reinforcing rings for the Z-axis. Positive X is to the beam left, and positive Y is above centerline. All measurements are in inches.

RING	X	Y	RING	X	Y
1(upst)	-0.707	18.398	4	-0.799	18.405
1	-10.368	15.214	4	-11.617	14.370
1	-17.449	5.590	4	-17.670	5.264
1	-17.823	-4.262	4	-17.168	-6.597
1	-10.660	-15.062	4	-10.793	-14.854
1	2.282	18.290	4	3.223	18.122
1	9.984	15.565	4	7.883	16.606
1	17.069	7.089	4	16.220	8.526
1	17.865	-4.494	4	17.670	-4.818
1	11.994	-13.945	4	9.242	-15.902
2	-2.124	18.253	5	-1.346	18.335
2	-7.760	16.681	5	-10.228	15.313
2	-17.413	5.923	5	-16.890	7.290
2	-18.344	-2.456	5	-16.886	-7.249
2	-11.988	-14.027	5	-11.808	-14.156
2	1.441	18.327	5	1.788	18.312
2	8.253	16.451	5	10.805	14.930
2	16.822	7.523	5	16.184	8.854
2	17.009	-7.049	5	17.395	-6.031
3	-0.802	18.388	6(dnst)	-1.240	18.355
3	-8.567	16.319	6	-11.042	14.742
3	-17.195	6.571	6	-16.990	7.041
3	-17.549	-5.471	6	-17.689	-4.965
3	-9.816	-15.587	6	-9.943	-15.482
3	4.390	17.858	6	4.700	17.790
3	11.001	14.747	6	11.944	14.039
3	16.932	6.885	6	17.014	7.050
3	17.278	-6.140	6	18.202	-3.361
3	11.155	-14.599	6	10.470	-15.168