

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Mike Seely, Dave Meekins

DATE: 13 March 2001

FROM: Chris Gould

Checked:

: DT_C662

DETAILS:

The results of the Hall C target survey performed on March 13, 2001 are listed below. The locations of the upstream and downstream flanges on the target cell blocks are relative to the ideal collision point. Each target was positioned vertically using previous encoder values (recorded by target group). Note that the location of the actual target center is projected downstream from these flanges. The values are in millimeters in a beam following right-handed coordinate system with +Z downstream, +X to the beam left, and +Y up.

TARGET / FLANGE	Z	X	Y	
Cell 1 upst	-164.81	0.37	-0.36	
Cell 1 dnst	-91.92	0.21	-0.43	
Cell 2 upst	-165.02	0.42	-0.41	
Cell 2 dnst	-92.14	0.28	-0.47	
Cell 3 upst	-165.18	0.27	-0.50	
Cell 3 dnst	-92.25	-0.30	-0.64	
Cell 4 upst	-165.20	0.23	-0.64	
Cell 4 dnst	-92.24	0.15	-0.69	
Cell 5 upst	-165.20	0.21	-0.64	
Cell 5 dnst	-92.23	0.08	-0.75	
Cell 6 upst	-165.20	0.46	-0.69	
Cell 6 dnst	-92.23	0.22	-0.68	
Cell 1 upst	-164.96	0.34	-0.38	(repeat)
Cell 1 dnst	-92.03	0.13	-0.49	(repeat)
Cell 6 upst	-165.19	0.46	-0.63	(repeat)
Cell 6 dnst	-92.28	0.39	-0.65	(repeat)