

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Mike Seely, Dave Meekins

DATE: 03 May 2001

FROM: Jim Dahlberg

Checked: # : C670

DETAILS:

The results of the Hall C post run target survey performed on May 02, 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. These projected values relative to the ideal collision point are included as well. 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	-179.09	0.35	-0.23
Cell 1 dnst	-92.81	0.27	-0.33
Cell 1 center	1.79	0.18	-0.45
Cell 2 upst	-179.24	0.34	-0.21
Cell 2 dnst	-92.97	0.16	-0.32
Cell 2 center	1.63	-0.03	-0.45
Cell 3 upst	-166.15	0.22	-0.36
Cell 3 dnst	-93.06	-0.20	-0.39
Cell 3 center	1.54	-0.75	-0.43
Cell 4 upst	-178.96	0.25	-0.45
Cell 4 dnst	-93.17	0.15	-0.47
Cell 4 center	1.42	0.03	-0.48