



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Meekins, N. Okay, S. Wood, M. Jones

DATE: 24 Mar 2008

FROM: J. Dahlberg

Checked: kjt

: C1160

DETAILS:

Data: Step2B\HallC\Target\080319A

Below are the results from the recent survey performed on the Hall C target. A +X is to the beam left from ideal, a + Z is downstream, and a +Y is above. Values are in millimeters and degrees.

TARGET CELLS

| LOCATION | Z | X | Y |
|-------------------------------------|-------|-------|-------|
| Top cell block L1 Top cell: | -0.13 | -0.86 | -0.14 |
| L1 Bot cell: | -0.27 | -0.68 | -0.25 |
| Mid cell block L2 Top cell: | -0.21 | -0.65 | -0.15 |
| L2 Bott cell: | -0.22 | -0.35 | 0.03 |
| Bot cell block L3 Top cell: | -0.63 | -0.63 | 0.24 |
| L3 Bott cell: | -0.19 | 0.14 | 0.39 |
| Top cell block L1 Top cell repeat: | -0.10 | -0.95 | -0.23 |
| Bot cell block L3 Bott cell repeat: | -0.16 | 0.35 | 0.45 |

SOLID TARGET LADDER

| LOCATION | Z | X | Y |
|-----------------------|-------|-------|-------|
| Upst face of frame: | -9.33 | | |
| Carbon target: | | -0.04 | 0.03 |
| Carbon target repeat: | | -0.03 | -0.06 |

Frame pitch: 0.234° clockwise looking from beam right.

Frame yaw: 0.027° clockwise looking from above.