



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Meekins, Ent

**DATE:** Jun 17 2004

**FROM:** Jim Dahlberg

**Checked:**

**# :** C934

### DETAILS:

The results of the Hall C target survey performed on June 17, 2004 are listed below. The locations of the fiducials on the target cell blocks are relative to their ideal position. The target cell and upstream entrance window were measured and are also listed. The values are in millimeters in a beam following right-handed coordinate system with +Z downstream, +X to the beam left, and +Y up from ideal.

LOCATION	DZ	DX	DY
<b>Target fiducials</b>			
T1_A	2.41	0.73	-0.36
T1_B	2.48	0.58	-0.02
T2_A	2.81	0.63	-0.37
T2_B	2.70	0.73	-0.90
T3_A	2.99	-0.08	-0.48
T3_B	2.89	1.08	-0.29
<b>Target cell and upstream windows</b>			
T1 cell	2.36	0.74	
T1 upst window		0.58	0.23
T2 cell	2.58	0.62	
T2 upst window		0.49	-0.80
T3cell	2.56	0.23	
T3 upst window		1.28	-0.16
<b>Carbon target (bottom of stack)</b>	3.94	0.00	-0.47
<b>Solid target ladder (top of stack)</b>			
Frame upst face.	-7.37		
Copper tgt.		1.05	-0.38
Frame roll	0.00 deg		
Frame pitch	0.22 deg (top is dnst)		
Frame yaw	0.17 deg (beam right side is downstream)		