



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Dave Kashy

**DATE :** Dec 5, 2002

**FROM:** Kelly Tremblay

**Checked:**

**#** DT\_B831

### DETAILS:

Listed below are the results from the survey of the 2 structural uprights that will hold the Hy-Cal Detector frame located on Hall B space frame. The coordinates are in millimeters with the origin at the Hall B target center. Positive Z follows beam centerline, positive X is beam left looking downstream and positive Y is in the vertical direction. The schematic, shown on page 2, represents the uprights and shows the approximate location of targets surveyed.

u/s beam rt	Z	X	Y
10	-8621.0	-1585.9	-1923.5
11	-8618.7	-1581.7	-707.5
12	-8618.5	-1581.8	495.0
13	-8621.6	-1584.6	1708.3
14	-8626.4	-1586.1	2929.0
15	-8633.5	-1586.4	4145.4

d/s beam rt	Z	X	Y
16	-8428.1	-1581.4	4149.4
17	-8416.5	-1581.8	1706.9
18	-8417.3	-1584.0	-1921.6

u/s beam lt			
20	-8636.6	1533.5	-1925.9
21	-8638.6	1532.8	-703.0
22	-8640.5	1532.7	508.3
23	-8642.4	1531.6	1705.9
24	-8640.3	1528.4	2916.9
25	-8639.0	1527.4	4367.9

d/s beam lt			
26	-8421.9	1524.9	4359.5
27	-8425.0	1530.1	1716.3
28	-8419.7	1534.1	-1923.7

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