



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Kelly Dixon

**DATE:** 09 May 2012

**FROM:** James Dahlberg

**Checked:** SEH

**# :** P1452

**DETAILS:**

DATA: Inspection\CHL\120507A

Below are the results from the survey carried out on the CHL upper and lower cold boxes. A right handed coordinate system was established centered on the lower cold box pipe with the Z axis running parallel to the edge of the cold box Dewar. The Y axis is up parallel with gravity and a +X is to the left looking toward the upper cold box. Note that point "A" is at the top of the pipe, not at the lower intersection at the Dewar as the "SKETCH" drawing shows. Also, point E was not surveyed. Values are in inches and degrees.

POINT NAME	X	Y	Z	DIA.	PROJ. ANG. Rx from Y	PROJ. ANG. Ry from Z	PROJ. ANG. Rz from X
IBEAM POINT B	-77.41	145.53	26.39				
2ND IBEAM	-77.33	145.38	206.32				
IBEAM POINT C	-76.82	145.41	566.55				
TOP OF PIPE POINT A	0.00	0.00	0.00	23.97	359.810		89.705
END OF PIPE POINT D	-81.75	161.44	653.50	27.93	270.114	225.587	179.888