



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Yang, C. Butler

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FROM: Chris Gould

Checked:

: M1815

DETAILS:

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Below are the results of the recent 2K Cold Box 1 bayonet elevation survey. The coordinate system is a gravity based system using the center of the Cold Box flange (see pictures for surface) to establish the origin. Rotation was controlled by measuring a plane on the north wall. Positive Z is up, positive X is North and a positive Y is West. Values are in inches. See attached pictures for naming conventions.

	X	Y	Z
FLANGE_1	-26.243	69.388	-17.533
FLANGE_2	-82.129	51.859	-20.429
FLANGE_3	-105.488	27.610	-12.949
FLANGE_4	-112.373	-24.433	24.622
FLANGE_5	-111.532	-34.006	-12.814
FLANGE_6	-121.386	100.740	-21.779
FLANGE_7	-73.531	-19.387	-41.846
COLD BOX FLANGE	0.000	0.000	0.000
FLOOR1	50.919	-58.048	-159.041
FLOOR2	55.233	-44.404	-158.948
FLOOR3	36.989	-66.264	-158.991
FLOOR4	54.105	-36.113	-158.949
FLOOR5	47.599	101.344	-158.967
FLOOR6	56.269	63.251	-159.282
FLOOR7	66.583	30.930	-159.287
AVERAGE			-159.066