



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Yang, C. Butler

DATE: 10/20/2017

FROM: Chris Gould

Checked:

: M1822

DETAILS:

M:\align\DATA\Inspection\CHL\170918A

Below are the results of the additional requested 2K Cold Box 1 bayonet elevations. The coordinate system is the same as the previous survey reported in data transmittal M1815 where the center of the Cold Box flange was used 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_8	-1.22	74.82	-86.01
FLANGE_9	-1.55	92.58	-82.72
FLANGE_10	-1.07	145.06	-18.42
FLANGE_11	-1.68	194.84	-18.55
FLANGE_12	-3.63	224.25	-16.66
GuardVAC(TOPLINE) BEGIN	-29.71	114.81	-88.64
GuardVAC(TOPLINE) END	-29.57	102.85	-88.76
RECSUC(BOTT LINE) BEGIN	-30.50	106.89	-99.62
RECSUC(BOTT LINE) END	-30.61	113.32	-99.60
RETURN BEGIN	88.95	-81.44	-105.87
RETURN END	88.92	-66.49	-105.81
SUPPLY BEGIN	88.64	-66.55	-114.81
SUPPLY END	88.75	-83.68	-114.88
AIR BEGIN	89.65	-10.76	-102.39
AIR END	89.63	-7.68	-102.41
3ATMHe(MID LINE) BEGIN	-24.24	112.11	-91.76
3ATMHe(MID LINE) END	-23.90	105.15	-91.74
BBFLANGE COLD BOX	0.00	-0.00	-0.00
BIG PIPE LOWER LEVEL BEGIN	-1.33	51.81	-143.93
BIG PIPE LOWER LEVEL END	-1.51	66.08	-144.39