



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Mandal

DATE: 24 Apr 2015

FROM: Jacob Walker

Checked:

: B1626

DETAILS:

M:\align\DATA\Inspection\HallB\SVT\Region 1\150424A

Below are the results of the recent Hall B SVT Region 1 inspection. The coordinate system was established using the following: The XY plane was established on the face of the upstream flange. Roll was controlled by a line between survey marks 2 and 3. And the origin was established as the center of the constructed circle through the three survey marks. A positive Y is up, a positive X is beam left and a positive Z is downstream. All values are in mm.

TRANSFORMED	Measured coordinates				CAD Ideal				Deltas from CAD Ideals		
Name	X_TR	Y_TR	Z_TR		X	Y	Z		DX	DY	DZ
Cu Circle	-0.05	0.14	465.04		0.00	0.00			-0.05	0.14	
Peek Circle	-0.08	0.07	868.24		0.00	0.00			-0.08	0.07	
Peek Pin											
1	0.14	65.37	868.26		0.00	65.40	867.82		0.14	-0.03	0.44
3	62.06	20.18	868.22		62.20	20.21	867.82		-0.14	-0.03	0.40
4	62.02	-20.21	868.25		62.20	-20.21	867.82		-0.18	0.00	0.43
6	-0.32	-65.21	868.20		0.00	-65.40	867.82		-0.32	0.19	0.38
8	-62.24	-20.06	868.24		-62.20	-20.21	867.82		-0.04	0.15	0.42
9	-62.14	20.37	868.27		-62.20	20.21	867.82		0.06	0.16	0.45
Cu pin											
1	0.07	65.49	465.09		0.00	65.40	464.86		0.07	0.09	0.23
3	62.14	20.35	465.05		62.20	20.21	464.86		-0.06	0.14	0.19
4	62.09	-20.08	465.04		62.20	-20.21	464.86		-0.11	0.13	0.18
6	-0.17	-65.22	465.01		0.00	-65.40	464.86		-0.17	0.18	0.15
8	-62.25	-20.01	465.01		-62.20	-20.21	464.86		-0.05	0.20	0.15
9	-62.20	20.38	465.02		-62.20	20.21	464.86		0.00	0.17	0.16