



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Mandal

DATE: 11 Mar 2015

FROM: Chris Gould

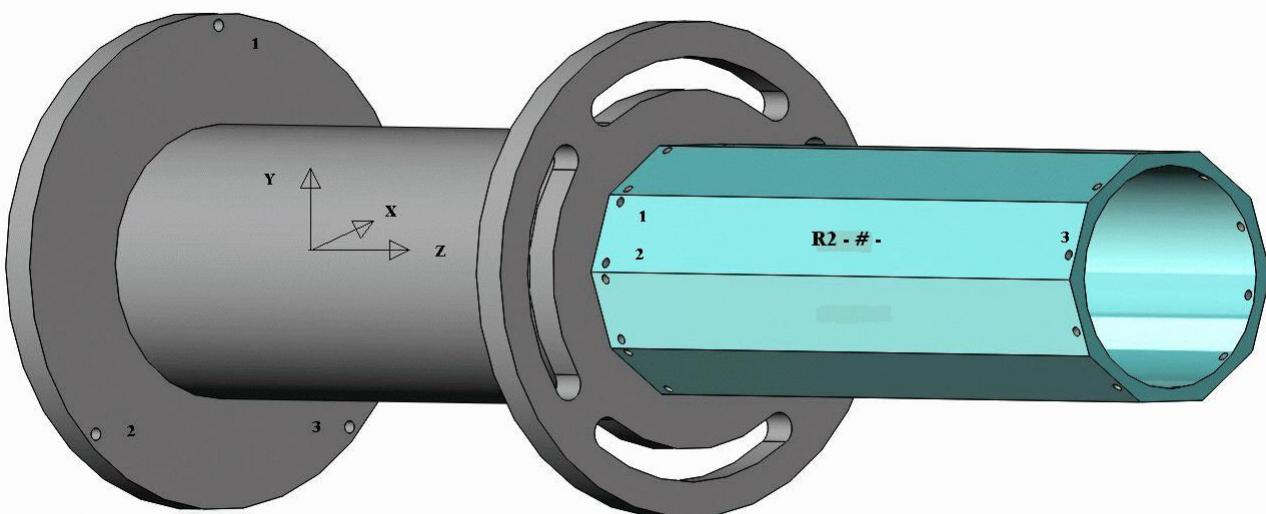
Checked:

: B1609

DETAILS:

M:\align\DATA\Fiduc\HallB\SVT\Region 1\150310

Below are the results of the Region 1 module fiducialization. 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.



NAME	Measured			IDEAL			DELTA		
	X	Y	Z	X	Y	Z	dX	dY	dZ
R1-1-1	17.56	68.38	461.34	17.35	68.28		0.21	0.10	
R1-1-2	-17.14	68.36	461.39	-17.35	68.28		0.21	0.08	
R1-1-3	-4.07	68.49	870.21	-3.50	68.28		-0.57	0.21	
R1-2-1	54.42	45.02	461.36	54.17	45.05		0.25	-0.03	
R1-2-2	26.36	65.41	461.38	26.10	65.44		0.26	-0.03	
R1-2-3	36.75	57.63	870.22	37.31	57.30		-0.56	0.33	
R1-3-1	70.5	4.55	461.33	70.30	4.60	461.13	0.20	-0.05	-0.05
R1-3-2	59.78	37.55	461.37	59.58	37.60	461.13	0.20	-0.05	-0.03
R1-3-3	63.48	24.84	870.22	63.86	24.43	870.00	-0.38	0.41	-0.03
R1-4-1	59.63	-37.51	461.37	59.58	-37.60	461.13	0.05	0.09	0.01
R1-4-2	70.37	-4.56	461.45	70.30	-4.60	461.13	0.07	0.04	0.03
R1-4-3	65.64	-17.19	870.1	66.02	-17.77	870.00	-0.38	0.58	-0.01
R1-5-1	26.13	-65.34	461.32	26.10	-65.44		0.03	0.10	
R1-5-2	54.22	-44.94	461.35	54.17	-45.05		0.05	0.11	
R1-5-3	42.72	-52.61	870.19	42.97	-53.19		-0.25	0.58	
R1-6-1	-17.32	-68.18	461.28	-17.35	-68.28	461.13	0.03	0.10	-0.05
R1-6-2	17.35	-68.17	461.37	17.35	-68.28	461.13	0.00	0.11	-0.05
R1-6-3	3.3	-67.83	870.19	3.50	-68.28	870.00	-0.20	0.45	-0.05
R1-7-1	-54.23	-44.91	461.39	-54.17	-45.05		-0.06	0.14	
R1-7-2	-26.17	-65.28	461.35	-26.10	-65.44		-0.07	0.16	
R1-7-3	-37.62	-57.06	870.24	-37.30	-57.30		-0.32	0.24	
R1-8-1	-70.28	-4.45	461.23	-70.30	-4.60	461.13	0.02	0.15	-0.10
R1-8-2	-59.54	-37.47	461.33	-59.58	-37.60	461.13	0.04	0.13	-0.02
R1-8-3	-64.28	-24.34	870.24	-63.86	-24.43	870.00	-0.42	0.09	-0.08
R1-9-1	-59.44	37.78	461.32	-59.58	37.60	461.13	0.14	0.18	-0.01
R1-9-2	-70.22	4.77	461.21	-70.30	4.60	461.13	0.08	0.17	-0.04
R1-9-3	-66.46	17.87	870.13	-66.02	17.77	870.00	-0.44	0.10	-0.05
R1-10-1	-25.89	65.55	461.33	-26.10	65.44		0.21	0.11	
R1-10-2	-53.99	45.17	461.32	-54.17	45.05		0.18	0.12	
R1-10-3	-43.52	53.27	870.23	-42.97	53.19		-0.55	0.08	
PEEK RING	-0.12	0.09	878.25	0.00	0.00		-0.12	0.09	