



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Mandal

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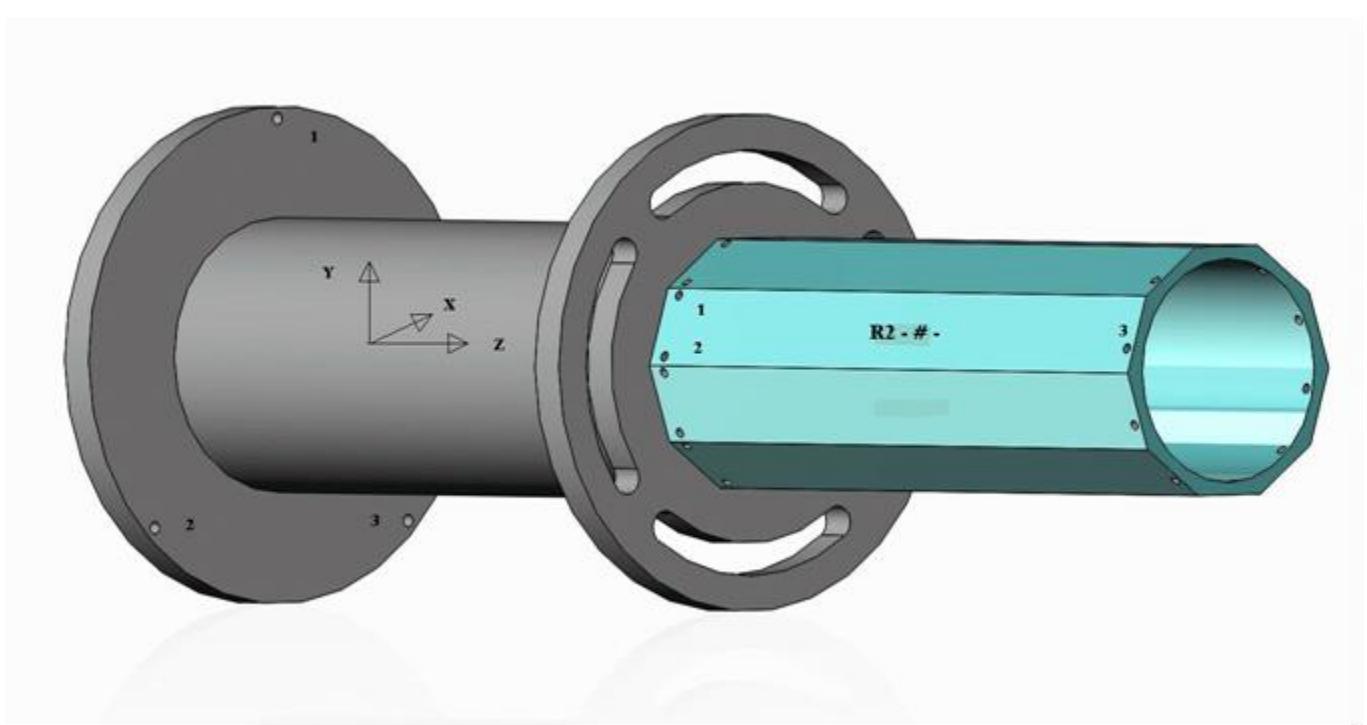
Checked:

: B1653

DETAILS:

M:\align\DATA\Fiduc\HallB\SVT\Region 3\150617A

Below are the results of the Region 3 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.



	Measured			Nominals			Deltas			Mag.
	X	Y	Z	X	Y	Z	X	Y	Z	
R3_1_1	17.46	123.67	539.82	17.35	123.32	539.72	0.11	0.36	0.10	0.38
R3_1_2	-17.24	123.65	539.92	-17.35	123.32	539.72	0.11	0.34	0.20	0.40
R3_1_3	-3.46	123.68	948.74	-3.50	123.30	948.62	0.04	0.38	0.12	0.40
R3_2_1	58.63	110.26	539.92	58.48	109.94	539.72	0.15	0.32	0.20	0.40
R3_2_2	26.02	122.14	539.88	25.87	121.81	539.72	0.15	0.33	0.16	0.39
R3_2_3	38.77	117.47	948.74	38.88	117.06	948.62	-0.11	0.41	0.12	0.44
R3_3_1	92.65	83.60	539.94	92.56	83.31	539.72	0.09	0.29	0.22	0.37
R3_3_2	66.09	105.92	539.96	65.97	105.62	539.72	0.12	0.30	0.24	0.40
R3_3_3	76.49	97.11	948.81	76.58	96.70	948.62	-0.09	0.41	0.19	0.46
R3_4_1	115.42	47.06	539.91	115.47	46.63	539.72	-0.05	0.43	0.19	0.47
R3_4_2	98.09	77.09	540.00	98.12	76.68	539.72	-0.03	0.41	0.28	0.49
R3_4_3	104.77	65.26	948.85	105.03	64.68	948.62	-0.26	0.58	0.23	0.67
R3_5_1	124.39	4.74	539.92	124.45	4.33	539.72	-0.06	0.41	0.20	0.46
R3_5_2	118.37	38.93	539.99	118.43	38.50	539.72	-0.06	0.43	0.27	0.51
R3_5_3	120.58	25.51	948.85	120.82	24.86	948.62	-0.24	0.65	0.23	0.73
R3_6_1	118.34	-38.05	539.92	118.43	-38.50	539.72	-0.09	0.45	0.20	0.50
R3_6_2	124.36	-3.94	540.02	124.45	-4.33	539.72	-0.09	0.39	0.30	0.50
R3_6_3	121.76	-17.31	948.84	122.04	-17.97	948.62	-0.28	0.66	0.22	0.74
R3_7_1	98.01	-76.25	539.99	98.12	-76.68	539.72	-0.11	0.43	0.27	0.52
R3_7_2	115.37	-46.19	539.94	115.47	-46.63	539.72	-0.10	0.44	0.22	0.50
R3_7_3	108.27	-57.99	948.91	108.53	-58.62	948.62	-0.26	0.63	0.29	0.74
R3_8_1	65.89	-105.12	539.97	65.97	-105.62	539.72	-0.08	0.50	0.25	0.56
R3_8_2	92.46	-82.84	539.99	92.56	-83.31	539.72	-0.10	0.47	0.27	0.55
R3_8_3	81.71	-91.62	948.90	81.94	-92.21	948.62	-0.23	0.59	0.28	0.69
R3_9_1	25.81	-121.30	539.92	25.87	-121.81	539.72	-0.06	0.51	0.20	0.55
R3_9_2	58.39	-109.44	539.99	58.48	-109.94	539.72	-0.09	0.50	0.27	0.58
R3_9_3	45.31	-113.98	948.89	45.46	-114.67	948.62	-0.15	0.69	0.27	0.76
R3_10_1	-17.38	-122.81	539.89	-17.35	-123.32	539.72	-0.03	0.51	0.17	0.53
R3_10_2	17.29	-122.76	539.99	17.35	-123.32	539.72	-0.06	0.56	0.27	0.62
R3_10_3	3.39	-122.64	948.93	3.50	-123.30	948.62	-0.11	0.66	0.31	0.74
R3_11_1	-58.51	-109.46	539.78	-58.48	-109.94	539.72	-0.03	0.48	0.06	0.49
R3_11_2	-25.91	-121.33	539.96	-25.87	-121.81	539.72	-0.04	0.48	0.24	0.54
R3_11_3	-38.97	-116.45	948.87	-38.88	-117.06	948.62	-0.09	0.61	0.25	0.67
R3_12_1	-92.57	-82.80	539.92	-92.56	-83.31	539.72	-0.01	0.51	0.20	0.55
R3_12_2	-66.00	-105.09	539.92	-65.97	-105.62	539.72	-0.03	0.53	0.20	0.56
R3_12_3	-76.74	-96.03	948.86	-76.58	-96.70	948.62	-0.16	0.68	0.24	0.73
R3_13_1	-115.37	-46.23	539.76	-115.47	-46.63	539.72	0.10	0.40	0.04	0.42
R3_13_2	-98.08	-76.17	539.97	-98.12	-76.68	539.72	0.04	0.51	0.25	0.57
R3_13_3	-105.14	-64.09	948.82	-105.03	-64.68	948.62	-0.11	0.59	0.20	0.63

R3_14_1	-124.33	-3.89	539.84		-124.45	-4.33	539.72		0.12	0.44	0.12	0.47
R3_14_2	-118.33	-38.06	539.91		-118.43	-38.50	539.72		0.10	0.44	0.19	0.49
R3_14_3	-120.65	-24.51	948.78		-120.82	-24.86	948.62		0.17	0.35	0.16	0.42
R3_15_1	-118.25	38.90	539.92		-118.43	38.50	539.72		0.18	0.40	0.20	0.48
R3_15_2	-124.28	4.76	539.80		-124.45	4.33	539.72		0.17	0.43	0.08	0.47
R3_15_3	-121.88	18.39	948.76		-122.04	17.97	948.62		0.16	0.42	0.14	0.47
R3_16_1	-97.90	77.02	539.90		-98.12	76.68	539.72		0.22	0.34	0.18	0.44
R3_16_2	-115.25	47.01	539.81		-115.47	46.63	539.72		0.22	0.38	0.09	0.45
R3_16_3	-108.40	59.03	948.69		-108.53	58.62	948.62		0.13	0.41	0.07	0.44
R3_17_1	-65.79	106.00	539.90		-65.97	105.62	539.72		0.18	0.38	0.18	0.46
R3_17_2	-92.38	83.67	539.79		-92.56	83.31	539.72		0.18	0.36	0.07	0.40
R3_17_3	-81.79	92.59	948.72		-81.94	92.21	948.62		0.15	0.38	0.10	0.42
R3_18_1	-25.73	122.14	539.81		-25.87	121.81	539.72		0.14	0.33	0.09	0.37
R3_18_2	-58.29	110.29	539.87		-58.48	109.94	539.72		0.19	0.35	0.15	0.42
R3_18_3	-45.48	115.01	948.72		-45.46	114.67	948.62		-0.02	0.34	0.10	0.35

	X	Y	Z
Cu Circle	0.04	0.42	539.91
Peek Circle	-0.07	0.50	948.82
Peek Fids	0.03	0.42	956.94
Peek Fid 1	-20.04	-113.81	956.94
Peek Fid 2	108.99	40.13	956.94
Peek Fid 3	-88.79	74.99	956.94

