



Jefferson Lab Alignment Group

Data Transmittal

TO: C.Munoz Camacho

DATE: 04 Nov 2014

FROM: Thom Singleton

Checked: SEH

: A1582

DETAILS:

Data: fiduc\hall aldvc\141022a

Listed below are the results from the DVCS detector inspection survey carried out on Oct. 22nd, 2014. The values are based on a right handed coordinate system (in millimeters), with XY centered on cells 119, 120, 135 and 136. The Z origin is based on an average plane measured on the cells where values are shown below. A +X is to the left as you look downstream, a +Y is up, and a +Z is downstream. The circles are labeled as shown on drawing #A0000-01-14-0900.

CELL	X	Y	Z	CELL	X	Y	Z	CELL	X	Y
0	-230.63	-230.91	-0.05	28	-199.11	139.52		56	-137.52	14.46
1	-229.95	-199.86		29	-200.67	170.06		57	-138.28	45.56
2	-231.13	-169.36	0.04	30	-199.27	200.60		58	-137.35	76.98
3	-229.08	-138.26		31	-199.40	230.73		59	-139.24	107.90
4	-230.67	-106.85	-0.02	32	-169.25	-230.87		60	-137.58	138.80
5	-229.13	-76.62		33	-168.48	-200.25	0.03	61	-139.32	169.62
6	-231.04	-45.94	-0.10	34	-169.86	-169.21		62	-137.76	200.24
7	-230.20	-14.90		35	-167.54	-138.53	0.15	63	-138.01	231.05
8	-229.51	15.70	-0.15	36	-169.28	-108.03		64	-107.82	-230.86
9	-230.48	46.18		37	-168.03	-77.45	0.18	65	-107.11	-199.79
10	-229.77	77.13	-1.14	38	-169.55	-46.03		66	-108.04	-169.34
11	-230.94	107.59		39	-168.85	-15.24	-0.26	67	-106.42	-138.57
12	-229.85	138.37	0.11	40	-168.35	16.00		68	-108.02	-107.77
13	-231.72	169.43		41	-169.06	46.86	0.13	69	-106.84	-76.81
14	-229.87	200.16	0.04	42	-168.07	77.42		70	-107.99	-46.24
15	-229.90	230.92		43	-169.43	108.30	-0.01	71	-107.71	-14.79
16	-200.04	-230.86		44	-168.28	138.88		72	-106.95	15.92
17	-199.11	-200.23		45	-170.26	169.64	-0.56	73	-107.58	46.82
18	-200.54	-169.50		46	-169.13	200.35		74	-106.94	77.59
19	-198.26	-138.61		47	-168.66	230.99	0.38	75	-108.42	108.90
20	-200.29	-107.60		48	-138.43	-230.89		76	-107.12	139.45
21	-198.43	-77.02		49	-137.80	-200.29		77	-108.39	169.93
22	-200.35	-46.32		50	-139.21	-169.12		78	-107.059	200.2371
23	-199.55	-15.21		51	-137.00	-138.59		79	-107.506	230.8081
24	-198.77	15.93		52	-138.62	-107.84		80	-77.2251	-230.652
25	-199.75	46.81		53	-137.26	-77.15		81	-76.5221	-200.391
26	-199.00	77.45		54	-138.45	-46.19		82	-77.3299	-169.385
27	-199.95	108.83		55	-137.94	-15.61		83	-75.9638	-138.579

CELL	X	Y	Z	CELL	X	Y	Z	CELL	X	Y	Z
84	-77.73	-107.98		126	-15.32	199.80		168	76.74	14.61	
85	-75.91	-77.41		127	-15.94	230.65		169	76.52	45.38	0.08
86	-77.15	-46.27		128	14.94	-230.98		170	76.54	76.17	
87	-76.98	-15.66		129	15.18	-200.20		171	76.03	107.20	0.04
88	-76.29	14.78		130	14.90	-169.21		172	76.62	138.17	
89	-76.99	46.14		131	15.79	-138.94		173	76.78	171.14	-0.56
90	-76.17	77.27		132	15.10	-107.48		174	76.04	199.23	
91	-77.86	108.38		133	15.45	-77.12		175	75.55	230.38	0.15
92	-76.48	139.13		134	14.89	-45.98		176	106.88	-230.83	
93	-77.74	169.50		135	14.93	-15.29		177	107.10	-200.12	
94	-76.14	200.56	0.18	136	15.52	15.83		178	106.58	-169.06	
95	-76.74	230.58		137	15.11	46.28		179	107.44	-138.59	
96	-46.56	-230.76	0.21	138	15.52	76.70		180	107.29	-107.81	
97	-46.17	-200.51		139	14.72	107.98		181	107.15	-77.20	
98	-46.48	-169.21	0.18	140	15.16	138.15		182	107.00	-46.23	
99	-45.43	-138.70		141	14.46	168.97		183	106.92	-15.77	
100	-46.47	-107.97	0.27	142	15.05	199.19		184	107.24	15.62	
101	-45.65	-77.17		143	14.53	230.12		185	107.04	46.32	
102	-46.61	-46.15	0.14	144	45.92	-230.10		186	107.01	77.45	
103	-46.20	-15.96		145	45.95	-200.11		187	106.91	108.31	
104	-45.62	15.22	0.15	146	45.66	-169.56		188	106.94	138.59	
105	-46.53	46.26		147	46.18	-138.83		189	106.90	169.25	
106	-45.60	77.11	0.18	148	45.96	-107.83		190	106.73	199.76	
107	-46.85	107.79		149	46.28	-77.50		191	105.96	230.60	
108	-45.86	138.05	0.36	150	45.54	-46.59		192	137.75	-230.83	-0.04
109	-46.94	168.90		151	45.61	-15.80		193	137.76	-199.89	
110	-45.90	199.25		152	46.30	15.10		194	137.11	-169.55	-0.47
111	-46.28	229.74		153	45.76	45.53		195	137.80	-138.53	
112	-15.93	-230.75		154	45.96	77.34		196	138.10	-107.89	0.03
113	-15.15	-200.13		155	45.26	107.87		197	137.60	-77.31	
114	-15.88	-169.74		156	45.99	138.52		198	137.57	-46.42	-0.27
115	-15.11	-138.86		157	45.36	169.06		199	137.60	-15.66	
116	-15.91	-107.87		158	45.75	199.71		200	137.75	14.58	0.00
117	-15.11	-77.00		159	45.19	229.69		201	137.63	45.44	
118	-15.72	-46.31		160	76.24	-230.51		202	137.54	75.95	0.00
119	-15.64	-15.69		161	76.24	-200.45	-0.05	203	137.78	106.56	
120	-14.81	15.14		162	76.21	-169.62		204	137.97	137.90	-0.01
121	-15.70	46.15		163	76.65	-138.26	0.16	205	137.65	168.31	
122	-15.26	76.57		164	76.85	-107.96		206	137.49	199.04	-0.02
123	-16.19	107.46		165	76.44	-77.38	0.03	207	137.04	229.61	
124	-15.78	137.86		166	76.22	-46.77					
125	-16.02	169.10		167	76.25	-16.26	0.01				