

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Silviu Covrig

DATE: May 3, 2002

FROM: Chris Gould

Checked: # : C763

DETAILS:

Below are the results of the Hall C G0 target pre-alignment survey performed on April 19, 2002. For comparison with field notes taken at the time of the survey, the data is listed sequentially as surveyed using the same naming convention.

LOCATION	ENCODER	Z	X	Y
1STSAMP		1611.63050	0.02520	0.2127
CIRCLE_LARGESAMP		1611.31750	-0.04510	0.1269
CIRCLE_PREVSAMP		1609.54180	-0.09030	-0.1230
CIRCLE_TARGASFND		2829.26580	-15.31160	12.2474
BGHALOASFND		2951.80590	0.08700	61.8327
SMHALOASFND		2955.45070	-14.19810	62.3740
DUMMYASFND		2955.23310	-24.37900	62.5890
TARGETSET	4250_4514	2828.18790	-0.47660	-0.4467
PITCHTOP		2828.09640	2.01830	15.4318
PITCHBOT		2828.29270	-3.51660	-17.2366
YAWLEFT		2828.10730	16.41960	2.2608
YAWRIGHT		2828.33050	-15.06840	-6.2994
BIGHALO		2950.87080	16.14320	48.2832
SMHALO		2954.66830	1.83810	48.7248
DUMMY		2957.61250	-8.36140	49.0123
CARBONTHICKNESS		2962.68650	-8.18140	50.3804
CIRCLE1	1796	2988.20870	24.93450	-1.8085
CIRCLE2	1796	3185.30450	28.52000	-1.5349
CIRCLE1	1899	2988.30500	23.86840	-1.6266
CIRCLE2	1899	3185.28220	27.21980	-1.5153
CIRCLE1	2033	2988.28550	22.43500	-1.6342
CIRCLE2	2033	3185.25250	25.71580	-1.2823
CIRCLE1	3008	2988.50770	12.35030	-1.0904
CIRCLE2	3008	3185.43060	14.38790	-0.6559
CIRCLE1	4249	2988.54920	-0.14240	-0.6610
CIRCLE2	4249	3185.56520	0.28310	-0.3223
CIRCLE_TARGCHK	4249	2828.22510	-0.64900	-0.4180
PITCHTOPCHK		2828.07880	2.40770	14.8823
PITCHBOTCHK		2828.30820	-3.69740	-16.4814
YAWLEFTCHK		2828.08700	15.26990	2.7430
YAWRIGHTCHK		2828.30210	-14.17540	-3.9059
CIRCLE1	5280	2988.46150	-10.43020	-0.7458
CIRCLE2	5280	3185.43520	-11.30210	-0.4101
CIRCLE1	6130	2988.31580	-19.13940	-1.3387
CIRCLE2	6130	3185.29990	-21.11360	-1.1052
CIRCLE1	7031	2988.03680	-28.15690	-1.9125
CIRCLE2	7031	3185.01620	-31.21710	-1.8824
CIRCLE1	7800	2987.77930	-36.18170	-2.9186
CIRCLE2	7800	3184.71970	-40.13670	-2.9308
CIRCLE1	4249B	2988.55690	-0.05410	-0.5808
CIRCLE2	4249B	3185.55600	0.45300	-0.3326
TARGET	4249_4512B	2828.19140	-0.58600	-0.4698
PITCHTOPCHK2		2828.10540	2.70140	14.9334

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LOCATION	ENCODER	Z	X	Y
PITCHBOTCHK2		2828.29970	-3.78390	-16.4660
YAWLEFTCHK2		2828.13950	16.00210	3.0168
YAWRIGHTCHK2		2828.29310	-13.12070	-3.1174
PLANE	1004	2824.02420	0.44690	-29.0907
CIRCLE1	1004	2984.10160	0.35420	-36.30830
CIRCLE2	1004	3181.06200	0.81220	-40.28610
CIRCLE1	2055	2985.46820	-0.17100	-25.59940
CIRCLE2	2055	3182.45510	0.26200	-28.28160
CIRCLE1	3050	2986.85170	-0.32200	-15.34610
CIRCLE2	3050	3183.75690	0.09040	-16.88060
CIRCLE1	3805	2987.71850	-0.15290	-7.67230
CIRCLE2	3805	3184.69260	0.21610	-8.45510
CIRCLE1	4516B	2988.53410	0.09570	-0.40120
CIRCLE2	4516B	3185.58130	0.58070	-0.28430
TARGET	4249_4515CHK	2828.19720	-0.37040	-0.4080
PITCHTOPCHK3		2828.12780	3.50860	14.5288
PITCHBOTCHK3		2828.28750	-3.13070	-14.9417
YAWLEFTCHK3		2828.13140	15.55600	2.1241
YAWRIGHTCHK3		2828.28100	-12.45730	-3.5775
CIRCLE1	5518	2989.67870	0.89140	9.61350
CIRCLE2	5518	3186.66650	1.47890	11.28280
CIRCLE1	6491	2990.68580	1.90940	19.44140
CIRCLE2	6491	3187.66600	2.71310	22.40220
CIRCLE1	7229	2991.44230	3.06140	27.02160
CIRCLE2	7229	3188.36910	3.92990	30.87460
CIRCLE1	4514	2988.56200	0.16170	-0.67320
CIRCLE2	4514	3185.57020	0.65290	-0.35430
TARGET	4247_4514CHK	2828.20130	-0.32990	-0.4613
PITCHTOP_CHK4		2828.09450	3.27820	14.1847
PITCHBOT_CHK4		2828.30740	-4.01360	-14.7719
YAWLEFT_CHK4		2828.13600	15.85830	2.7752
YAWRIGHT_CHK4		2828.32410	-11.19370	-3.6336
CIRCLE1	1085	2988.37210	39.21400	-1.33540
CIRCLE2	1085	3185.32500	42.42080	-1.06620
CIRCLE1	2041	2988.45790	28.36330	-1.27630
CIRCLE2	2041	3185.40340	30.86470	-0.84360
CIRCLE1	3035	2988.48900	16.62620	-0.95160
CIRCLE2	3035	3185.45900	18.29800	-0.65490
CIRCLE1	3757	2988.48380	7.87320	-0.79270
CIRCLE2	3757	3185.47830	8.92190	-0.55370
CIRCLE1	4399	2988.48820	0.17450	-0.59220
CIRCLE2	4399	3185.50880	0.69550	-0.34460
TARG	4246_4511CHK5	2828.18160	-0.33350	-0.5074
PITCHTOP_CHK6		2828.05730	4.09510	13.9370
PITCHBOT_CHK6		2828.23080	-4.12790	-13.5558
YAWLEFT_CHK6		2828.06360	15.67350	3.1194
YAWRIGHT_CHK6		2828.27630	-12.90120	-4.5632
CIRCLE1	5476	2988.47330	-12.66200	-0.28490
CIRCLE2	5476	3185.47490	-12.96770	-0.17730
CIRCLE1	6232	2988.45120	-21.61530	-0.17340
CIRCLE2	6232	3185.42490	-22.67200	0.04930
CIRCLE1	7116	2988.37730	-32.26330	-0.27290
CIRCLE2	7116	3185.33550	-34.04690	0.14400

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LOCATION	ENCODER	Z	X	Y
CIRCLE1	7911	2988.29520	-41.62300	0.02780
CIRCLE2	7911	3185.26640	-44.14920	0.33190
CIRCLE1	4401	2988.48600	-0.39190	-0.64560
CIRCLE2	4401	3185.49600	0.05680	-0.44320
TGT	4245_4510CHK7	2828.16700	-0.85910	-0.5745
PITCHTOP_CHK7		2828.07720	2.93430	14.5985
PITCHBOT_CHK7		2828.22840	-5.27760	-13.0325
YAWLEFT_CHK7		2828.07490	15.74450	2.1691
YAWRIGHT_CHK7		2828.26290	-12.50470	-5.2449
DUMMY	965	2955.15140	-7.53030	1.0518
CIRCLE1	965	2985.14560	0.84270	-49.09850
CIRCLE2	965	3182.13150	1.36900	-52.30640
CIRCLE1	1880	2985.98290	1.02970	-37.89260
CIRCLE2	1880	3182.96220	1.48360	-40.37800
CIRCLE1	2766	2986.74850	0.87080	-27.32290
CIRCLE2	2766	3183.67910	1.45800	-29.31260
CIRCLE1	3531	2987.35100	0.96350	-18.49590
CIRCLE2	3531	3184.32410	1.47980	-19.45320
CIRCLE1	4426	2988.01240	0.89200	-7.84230
CIRCLE2	4426	3185.02260	1.40650	-8.10330
CIRCLE1	5020	2988.51280	0.53820	-0.59750
CIRCLE2	5020	3185.52660	1.08880	-0.47360
TGT	4248_4513CHK8	2828.15100	0.02130	-0.5138
PITCHTOP_CHK8		2828.15410	2.90930	14.6388
PITCHBOT_CHK8		2828.27840	-3.78140	-15.1128
YAWLEFT_CHK8		2828.10380	16.36080	2.6898
YAWRIGHT_CHK8		2828.25080	-12.92100	-4.8729
CIRCLE1	5817	2988.96400	0.66910	8.93880
CIRCLE2	5817	3186.07710	1.14980	9.78680
CIRCLE1	6728	2989.76170	0.90530	19.80410
CIRCLE2	6728	3186.74950	1.39160	21.47930
CIRCLE1	7333	2990.20540	1.10010	26.99720
CIRCLE2	7333	3187.16340	1.53470	29.19210
CIRCLE1	8598	2991.03610	1.42360	42.19730
CIRCLE2	8598	3187.98380	2.00180	45.50090
CIRCLE1	5019	2988.51200	0.27090	-0.61010
CIRCLE2	5019	3185.48800	0.72780	-0.38720
TGT	4250_4513CHK9	2828.21980	-0.23310	-0.4444
PITCHTOP_CHK9		2828.03090	2.73800	15.3509
PITCHBOT_CHK9		2828.24120	-3.62660	-16.4276
YAWLEFT_CHK9		2828.15170	16.56300	2.7724
YAWRIGHT_CHK9		2828.25590	-14.22280	-4.6842
APPROXENDHE		2981.19670	-22.42140	11.3938
COMPNT001		2981.84770	14.14740	21.4956
COMPNT002		2984.05030	23.33640	-12.2743
BGHALO_CHK		2950.88520	16.38730	48.3584
SMHALO_CHK		2954.58020	2.05000	48.7096
DUMMY_CHK		2957.61450	-8.10600	49.0110
CIRCLE003_O		1611.29960	-0.06510	0.0692
DUMMY	1039UPY	2954.33560	-7.88910	14.4196
DUMMY	1038_1201	2951.47400	-7.28740	-30.5996
DUMMY	1038UPY	2954.32130	-7.63860	14.3576
DUMMY_CHK11		2957.61690	-8.03380	49.1991