

*Oceanography Branch CTD Data Report
Winter Bottom Trawl Survey – ALB0702*

**For further information, contact Cristina Bascuñán
National Marine Fisheries Service, Northeast Fisheries Science
Center, Woods Hole, Massachusetts 02543-1097.**

DATE: May 2, 2007

May 2, 2007

Memo To: David Mountain
Linda Despres
Larry Brady

From: Cristina Bascuñán (x2243)

Re: Winter Bottom Trawl Survey – ALB0702

CTD data from the Winter Bottom Trawl Survey have been processed and are now available. There were 137 casts done, including 26 for calibrations.

Hydrographic data for this cruise may be found in the following location:

- /ftp/pub/hydro/del0512.dat (NODC file)
- octemps

Please call if you have any questions.

ALB0702
Winter Bottom Trawl Survey
7 February - 2 March, 2007

Cast #	Sta #	Lat	Long	Day	Month	Year	Time hh:mm	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Btm
1	1	3944.4	7336.4	7	2	2007	12:38	36	4.6	32.31	4.6	32.32	6
2	2	3924.1	7346.7	7	2	2007	15:41	36	6.7	33.17	6.7	33.12	5
3	3	3909.6	7336.1	7	2	2007	18:00	42	7.2	33.22	7.2	9999	4
4	4	3901.3	7345.2	7	2	2007	20:37	39	8.2	33.72	8.3	33.76	7
5	5	3909.1	7353.2	7	2	2007	22:28	43	7.1	33.36	7.9	33.65	4
6	6	3850.9	7434.5	8	2	2007	2:52	26	4.3	31.56	6.8	33.01	6
7	7	3834.2	7432.6	8	2	2007	5:31	36	7.0	33.15	7.0	33.16	4
8	8	3833.4	7429.9	8	2	2007	7:00	32	7.4	33.35	7.5	33.37	4
9	9	3834.2	7413.8	8	2	2007	9:00	47	9.5	34.28	9.6	34.29	3
10	10	3832.2	7403.4	8	2	2007	10:52	58	11.0	34.82	11.0	34.84	5
11	11	3812.5	7435.0	8	2	2007	22:57	43	7.9	33.44	9.3	34.08	5
12	12	3801.2	7430.3	9	2	2007	1:36	39	10.2	34.64	10.3	34.66	4
13	13	3801.6	7421.6	9	2	2007	3:00	54	11.0	34.95	11.1	34.96	6
14	14	3757.0	7415.8	9	2	2007	4:49	71	12.2	35.10	12.1	35.21	3
15	15	3754.4	7407.7	9	2	2007	6:18	114	12.5	35.11	13.0	35.65	5
16	16	3739.7	7415.9	9	2	2007	8:45	125	12.0	35.03	11.5	35.48	5
17	17	3731.7	7419.5	9	2	2007	10:28	230	12.7	34.99	10.1	35.31	5
18	18	3731.7	7427.1	9	2	2007	12:33	84	14.1	35.02	12.3	35.36	3
19	19	3729.3	7441.1	9	2	2007	14:48	54	11.1	34.84	11.2	35.19	5
20	21	3726.9	7438.6	9	2	2007	17:58	53	14.1	35.04	13.1	35.51	5
21	22	3722.8	7429.0	9	2	2007	19:57	142	14.9	35.36	10.5	35.39	3
22	23	3717.1	7430.2	9	2	2007	21:38	169	14.9	35.41	10.3	35.33	6
23	24	3709.9	7439.9	10	2	2007	0:00	87	9.7	33.88	10.5	35.36	4
24	25	3703.7	7444.4	10	2	2007	1:46	94	11.6	34.61	11.1	35.41	5
25	26	3651.9	7440.8	10	2	2007	4:39	94	13.5	35.15	13.8	35.34	3
26	27	3633.9	7458.3	10	2	2007	8:00	35	9.5	33.27	11.9	34.04	5
27	28	3632.5	7445.1	10	2	2007	9:46	95	18.9	36.37	13.1	35.68	4

28	29	3633.7	7443.2	10	2	2007	11:13	220	19.0	36.36	9.5	35.26	4
29	30	3624.9	7448.6	10	2	2007	13:15	84	18.8	36.32	12.9	35.67	4
30	31	3617.6	7445.9	10	2	2007	15:00	259	18.8	36.34	9.2	35.21	5
31	32	3614.4	7451.3	10	2	2007	17:22	82	19.2	36.41	15.3	35.96	7
32	33	3608.1	7446.9	10	2	2007	18:52	227	19.4	36.38	9.7	35.27	5
33	34	3600.3	7452.4	10	2	2007	20:47	89	18.8	36.40	14.8	35.86	3
34	35	3555.8	7452.1	10	2	2007	21:58	92	18.8	36.40	15.2	35.96	8
35	36	3553.2	7451.4	10	2	2007	23:43	155	18.6	36.40	11.8	35.51	5
36	37	3549.4	7452.4	11	2	2007	1:23	175	18.4	36.35	11.0	35.42	6
37	38	3546.9	7451.5	11	2	2007	2:55	170	18.3	36.36	11.7	35.51	4
38	39	3550.5	7500.2	11	2	2007	4:43	47	18.3	36.36	18.3	36.36	9
39	40	3556.5	7502.6	11	2	2007	6:10	33	17.7	36.34	17.7	36.34	6
40	41	3553.2	7508.0	11	2	2007	7:37	32	17.2	36.32	17.2	36.32	6
41	42	3557.5	7514.1	11	2	2007	9:10	32	12.5	34.09	16.3	35.92	5
42	43	3622.9	7509.3	11	2	2007	12:31	29	11.8	34.16	12.6	34.45	4
43	44	3623.1	7521.9	11	2	2007	14:22	30	10.0	33.42	10.3	33.50	5
44	45	3627.9	7514.2	11	2	2007	15:56	32	9.1	33.06	10.0	33.33	5
45	46	3630.5	7509.2	11	2	2007	17:23	28	7.8	32.50	8.9	32.96	5
46	47	3635.3	7519.2	11	2	2007	18:58	33	7.9	32.48	8.1	32.62	3
47	48	3647.2	7501.2	11	2	2007	21:25	32	7.3	32.08	8.8	33.45	4
49	50	3651.2	7508.9	12	2	2007	0:10	33	7.2	32.67	8.8	34.06	5
50	51	3657.1	7525.9	12	2	2007	2:19	26	7.5	33.56	7.8	33.72	6
51	52	3700.3	7508.0	12	2	2007	4:25	38	8.5	34.18	8.8	34.30	4
52	53	3715.4	7456.1	12	2	2007	6:43	37	8.7	34.37	9.2	34.51	4
53	54	3725.2	7501.5	12	2	2007	8:25	34	7.0	33.48	8.3	34.05	5
54	55	3737.6	7518.9	12	2	2007	10:52	19	5.6	32.64	5.6	32.63	4
55	56	3751.4	7454.9	12	2	2007	13:49	31	6.4	32.95	6.9	33.17	5
56	57	3801.8	7352.0	12	2	2007	20:51	244	14.1	35.32	9.0	35.21	8
57	58	3806.8	7355.8	12	2	2007	22:46	115	13.2	35.17	12.4	35.57	5
58	59	3818.5	7404.5	13	2	2007	0:58	62	10.6	34.89	11.4	35.12	3
59	60	3819.3	7347.5	13	2	2007	3:00	93	11.1	35.06	11.5	35.32	7
60	61	3810.5	7343.5	13	2	2007	4:54	144	13.8	35.27	12.1	35.30	9
61	62	3816.9	7336.6	13	2	2007	6:34	344	12.4	35.03	9.8	35.29	144
62	62	3817.4	7336.1	13	2	2007	7:00	352	12.4	35.03	6.5	35.04	3
63	63	3831.2	7342.4	13	2	2007	9:56	64	11.5	35.12	11.6	35.35	4
64	64	3831.6	7331.4	13	2	2007	11:30	78	11.9	35.02	12.0	35.16	3
65	65	3831.2	7321.4	13	2	2007	13:00	112	11.1	34.75	11.6	35.14	5

66	66	3839.3	7308.0	13	2	2007	15:49	180	11.1	34.70	10.6	35.40	3
67	67	3842.2	7310.3	13	2	2007	17:55	119	11.1	34.73	11.5	35.09	9
68	68	3842.3	7316.5	13	2	2007	19:52	86	11.2	34.81	11.7	35.18	5
69	70	3848.6	7323.0	13	2	2007	23:21	73	10.9	34.90	10.6	34.85	8
70	71	3850.5	7302.0	14	2	2007	2:19	92	10.1	34.33	11.2	34.94	7
71	72	4119.3	7057.7	20	2	2007	21:36	30	2.1	32.50	2.2	32.52	5
72	73	4102.2	7108.4	21	2	2007	0:20	40	5.1	33.05	5.2	33.08	5
73	74	4037.5	7056.0	21	2	2007	4:58	69	6.4	33.40	6.4	33.42	6
74	75	4032.5	7102.5	21	2	2007	6:37	73	6.9	33.53	7.1	33.58	9
75	76	4009.5	7053.0	21	2	2007	9:58	135	6.4	33.12	11.4	35.27	8
76	77	4000.2	7107.6	21	2	2007	12:37	290	7.5	33.55	7.1	35.07	9
77	78	4004.6	7115.6	21	2	2007	16:28	147	7.4	33.47	11.5	35.19	5
78	79	4008.0	7117.2	21	2	2007	17:00	103	7.6	33.55	11.2	34.94	7
79	80	3954.6	7134.6	21	2	2007	20:00	200	8.6	33.99	11.1	35.18	7
80	81	3942.0	7206.1	22	2	2007	0:15	127	10.3	34.75	10.6	35.03	5
81	82	3937.1	7215.0	22	2	2007	2:00	119	10.3	34.76	10.1	34.83	6
82	83	3933.7	7221.5	22	2	2007	3:50	108	10.4	34.70	10.7	34.86	10
83	84	3932.3	7225.7	22	2	2007	6:19	315	10.6	34.77	9.0	35.20	13
84	87	3918.1	7220.0	22	2	2007	11:18	210	10.6	34.81	10.1	35.26	9
85	88	3916.8	7252.0	22	2	2007	14:58	76	8.6	34.44	9.7	34.75	5
86	89	4014.7	7336.0	24	2	2007	14:16	24	3.7	32.86	3.7	32.86	5
87	90	4020.5	7312.5	24	2	2007	17:52	36	4.3	33.12	4.3	33.13	5
88	91	4033.5	7256.2	24	2	2007	20:00	32	4.1	32.88	4.1	32.90	7
89	92	4022.1	7230.4	24	2	2007	23:00	48	5.4	33.56	5.5	33.57	5
90	93	4008.7	7232.4	25	2	2007	1:00	58	6.8	34.00	6.8	34.00	5
91	94	3955.5	7252.9	25	2	2007	4:00	51	6.8	34.03	6.8	34.04	7
92	95	3947.7	7259.6	25	2	2007	6:00	78	6.9	33.98	7.1	34.06	7
93	96	3942.6	7318.9	25	2	2007	8:58	38	5.4	33.55	5.6	33.58	9
94	97	3909.6	7311.8	25	2	2007	12:43	67	7.2	34.09	7.2	34.11	7
95	98	3901.7	7255.5	25	2	2007	14:49	88	10.9	35.09	10.7	35.04	6
96	99	3858.6	7249.9	25	2	2007	17:34	133	10.7	34.87	10.9	35.08	7
97	100	3909.7	7249.2	25	2	2007	19:51	89	10.6	35.00	9.5	34.79	7
98	101	3911.8	7253.1	25	2	2007	21:34	84	9.7	35.11	9.7	34.81	4
99	102	3922.9	7238.4	26	2	2007	0:00	106	9.6	34.79	9.6	34.78	9
100	103	3938.2	7244.3	26	2	2007	2:37	70	8.6	34.36	8.4	34.42	8
101	104	3943.0	7236.8	26	2	2007	4:00	74	8.4	34.16	8.9	34.41	6
102	105	3955.6	7222.4	26	2	2007	6:31	73	8.2	34.15	7.9	34.19	9

103	106	4001.5	7203.5	26	2	2007	9:00	80	7.4	33.64	7.8	33.90	8
104	107	4007.2	7151.5	26	2	2007	11:28	76	6.9	33.34	8.2	33.91	7
105	108	4017.3	7156.7	26	2	2007	13:25	63	7.0	33.67	7.4	33.83	8
106	109	4029.9	7211.7	26	2	2007	16:49	57	7.5	33.98	7.5	34.00	5
107	110	4045.0	7200.1	26	2	2007	19:17	45	5.5	33.37	5.8	33.51	8
108	111	4058.9	7148.0	26	2	2007	21:37	32	3.1	31.79	4.4	32.59	6
109	112	4042.9	7151.9	26	2	2007	23:58	52	6.3	33.56	6.3	33.57	7
110	113	4043.2	7130.9	27	2	2007	2:22	65	6.0	33.41	5.9	33.36	7
111	114	4028.4	7138.2	27	2	2007	4:55	76	6.6	33.38	6.6	33.54	7
112	115	4101.5	7046.9	27	2	2007	10:28	48	4.1	32.92	4.2	32.95	9
113	116	4059.6	7013.0	27	2	2007	13:43	30	2.1	32.63	2.2	32.65	9
114	117	4050.8	7019.1	27	2	2007	15:18	44	2.9	32.64	2.8	32.66	9
115	118	4044.5	7035.0	27	2	2007	17:49	57	5.1	32.89	4.5	32.88	8
116	119	4035.1	7038.6	27	2	2007	19:31	67	3.5	32.64	4.3	32.74	7
117	120	4024.2	7049.0	27	2	2007	21:40	88	3.2	9999	3.7	32.99	6
118	121	4006.6	7036.6	28	2	2007	0:55	124	6.9	33.37	12.5	35.28	7
119	122	4007.5	7030.5	28	2	2007	2:25	118	6.3	33.13	12.2	35.07	6
120	123	4010.2	7027.9	28	2	2007	3:49	118	6.2	33.11	9.9	34.25	8
121	124	3959.5	7002.4	28	2	2007	6:52	162	6.3	33.16	12.0	35.30	8
122	125	4002.0	6954.7	28	2	2007	8:28	140	5.6	32.93	9.3	34.10	8
123	126	3954.6	6946.0	28	2	2007	10:16	288	7.4	33.67	8.0	35.57	9
124	127	3956.4	6920.5	28	2	2007	15:10	201	6.7	33.20	11.6	35.41	1
125	127	3956.7	6920.0	28	2	2007	15:34	277	6.6	33.21	10.9	35.35	14
126	128	4015.5	6935.7	28	2	2007	19:00	78	5.8	33.03	5.4	33.04	8
127	129	4015.1	6952.8	28	2	2007	20:57	89	5.8	33.09	5.7	33.02	8
128	130	4018.0	6951.8	28	2	2007	22:55	83	5.7	33.10	5.6	33.06	5
129	131	4029.8	7002.8	1	3	2007	1:22	67	6.0	33.12	4.4	33.23	8
130	132	4038.5	6956.7	1	3	2007	3:34	54	3.7	33.09	3.7	33.10	7
131	133	4035.3	6942.0	1	3	2007	5:20	61	5.1	33.13	4.8	33.24	8
132	134	4054.2	6938.6	1	3	2007	7:54	39	4.3	33.16	4.3	33.17	7
133	135	4055.2	6855.6	1	3	2007	12:28	78	5.0	33.24	5.1	33.19	9
134	136	4036.4	6901.5	1	3	2007	16:46	67	5.3	32.92	4.9	33.05	6
135	137	4025.2	6904.9	1	3	2007	18:31	82	5.1	32.86	4.7	32.84	8
136	138	4045.1	6902.6	1	3	2007	21:52	79	5.2	33.09	5.2	33.18	4
137	139	4047.5	6921.1	2	3	2007	1:23	37	5.3	33.28	5.4	33.28	7

















