

CTD REPORT

ECOMON – ALB0408

**For further information, contact Cristina Bascuñán (ext. 2243)
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Center, Woods Hole, Massachusetts 02543-1097.**

DATE: October 14, 2004

Northeast Fisheries Science Center
Woods Hole Laboratory
Woods Hole, Ma 02543

October 14, 2004

MEMORANDUM FOR: David Mountain
Jerry Prezioso

FROM: Cristina Bascuñán (ext. 2243)

SUBJECT: ECOMON - ALB0408

CTD data from the ECOMON survey have been processed and are now available. There were 164 casts done, including 24 for calibrations.

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

whsun2: /ftp/pub/hydro/alb0408.dat (NODC file)

Please call if you have any questions.

ECOMON

17 - 30 August, 2004

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time	Btm Depth	Sfc Temp	Sfc Salt	Btm Tmp	Btm Salt	Meters from Btm
6	3	3933.6	7238.8	17	8	2004	10:53	77	22.5	32.07	6.1	32.96	5
7	4	3935.9	7250.6	17	8	2004	11:53	65	22.9	31.95	6.1	32.97	4
8	5	3908.9	7312.8	17	8	2004	14:53	65	23.3	32.03	6.0	33.04	4
9	6	3903.7	7248.9	17	8	2004	16:47	117	24.7	34.92	7.3	33.24	56
10	6	3903.7	7248.9	17	8	2004	17:00	118	24.7	34.94	11.2	35.24	8
11	7	3836.6	7310.5	17	8	2004	20:00	649	25.2	34.34	10.5	35.32	447
12	8	3828.8	7326.7	17	8	2004	21:42	105	24.8	33.32	10.3	34.64	5
13	9	3824.1	7326.9	17	8	2004	22:17	118	23.7	32.59	11.2	35.24	5
14	10	3756.6	7425.9	18	8	2004	3:12	56	23.3	31.46	5.9	32.88	1
15	11	3748.9	7442.3	18	8	2004	4:41	45	23.7	31.21	7.6	32.80	8
16	12	3713.9	7450.7	18	8	2004	7:54	52	23.4	32.30	6.4	32.97	4
17	12	3713.7	7450.7	18	8	2004	8:06	52	23.5	32.31	6.3	32.97	4
18	13	3703.8	7435.0	18	8	2004	9:36	244	24.1	33.37	11.0	35.38	45
19	14	3558.9	7506.6	18	8	2004	16:06	28	24.9	30.19	13.8	32.71	6
20	15	3546.0	7450.7	18	8	2004	17:53	255	25.4	31.28	10.4	35.31	54
21	16	3544.2	7526.4	18	8	2004	21:00	15	23.1	9999	21.5	30.83	6
22	16	3544.3	7526.4	18	8	2004	21:12	16	24.9	9999	21.0	31.12	6
23	17	3551.2	7530.8	18	8	2004	22:17	20	25.1	9999	19.6	31.33	5
24	18	3629.1	7526.0	19	8	2004	1:47	28	24.5	30.43	14.2	32.51	5
25	19	3642.8	7526.7	19	8	2004	3:05	24	24.8	30.12	16.3	32.24	5
26	20	3646.1	7538.1	19	8	2004	4:11	19	24.7	29.92	24.6	30.07	5
27	20	3646.2	7538.1	19	8	2004	4:18	20	24.7	29.87	24.7	9999	6
28	21	3711.4	7542.3	19	8	2004	6:41	12	23.6	30.15	22.2	30.49	5
29	22	3711.2	7514.8	19	8	2004	8:48	27	24.3	30.48	11.7	32.63	7
30	23	3723.6	7513.0	19	8	2004	10:00	22	24.3	30.67	23.4	31.20	5
31	24	3723.8	7528.3	19	8	2004	11:18	22	24.1	30.11	17.4	31.99	5
32	25	3806.2	7441.3	19	8	2004	16:12	31	23.8	30.95	9.9	32.62	6

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time	Btm Depth	Sfc Temp	Sfc Salt	Btm Tmp	Btm Salt	Meters from Btm
33	25	3806.3	7441.3	19	8	2004	16:23	30	23.8	30.94	10.1	32.56	5
34	26	3811.1	7458.6	19	8	2004	17:53	20	23.5	30.82	16.3	31.89	5
35	27	3853.8	7432.8	19	8	2004	22:00	24	23.0	30.36	14.7	32.07	5
36	27	3908.1	7419.8	19	8	2004	23:42	24	23.3	30.80	14.4	32.12	5
37	29	3911.3	7352.7	20	8	2004	1:47	41	23.1	31.10	8.3	32.80	5
38	30	3933.6	7408.8	20	8	2004	4:11	18	22.1	31.07	16.1	31.92	5
39	30	3933.7	7408.9	20	8	2004	4:24	18	22.0	31.06	16.2	31.90	6
40	31	3948.7	7402.5	20	8	2004	6:00	17	19.7	31.54	17.0	31.86	6
41	32	3941.0	7338.8	20	8	2004	7:54	32	22.5	30.76	10.1	32.64	5
42	33	3936.2	7336.5	20	8	2004	8:36	31	22.5	30.71	9.3	32.71	5
43	34	3938.6	7332.8	20	8	2004	9:06	36	23.0	31.21	8.5	32.78	5
44	35	3951.1	7328.7	20	8	2004	10:23	36	22.4	31.48	8.2	32.76	6
45	36	4013.8	7309.0	20	8	2004	13:00	42	22.7	30.89	8.4	32.58	5
46	37	3956.2	7246.8	20	8	2004	15:18	56	22.5	31.82	6.3	32.91	5
47	38	4013.9	7214.3	20	8	2004	18:12	59	22.8	32.34	7.0	32.87	5
48	38	4013.9	7214.4	20	8	2004	18:23	59	23.0	32.34	6.9	32.87	4
49	39	4016.2	7228.7	20	8	2004	19:42	55	22.9	32.23	7.0	32.84	4
50	40	4026.2	7252.7	20	8	2004	21:42	42	21.2	31.18	8.2	32.64	4
51	41	4033.7	7258.7	20	8	2004	22:36	26	21.7	30.91	15.4	31.97	5
52	42	4053.9	7214.7	21	8	2004	2:12	19	20.0	31.27	16.1	31.76	5
53	43	4056.0	7136.4	21	8	2004	5:00	53	20.0	31.60	8.8	32.59	4
54	43	4055.9	7136.5	21	8	2004	5:11	53	19.9	31.60	8.7	32.58	6
55	44	4056.1	7102.0	21	8	2004	7:35	50	20.7	32.17	8.9	32.82	5
56	45	4053.6	7052.8	21	8	2004	8:36	52	20.6	32.15	8.8	32.83	4
57	46	4043.8	7126.9	21	8	2004	11:18	61	21.4	32.42	8.2	32.91	5
58	47	4029.6	7132.5	21	8	2004	12:53	75	21.9	32.58	7.1	33.15	4
59	48	4019.1	7134.7	21	8	2004	14:11	82	21.8	32.51	7.0	33.17	5
60	49	4026.3	7114.7	21	8	2004	15:53	78	21.1	32.84	7.1	33.06	3
61	49	4026.5	7114.8	21	8	2004	16:06	78	21.2	32.87	7.1	33.06	6
62	50	4011.5	7022.2	21	8	2004	20:12	112	22.1	33.06	10.7	34.90	4
63	51	4006.5	6940.8	21	8	2004	23:17	98	22.8	33.51	10.2	34.66	5
64	52	4033.6	6952.7	22	8	2004	2:17	63	19.1	32.10	8.2	32.78	5
65	53	4046.3	7012.7	22	8	2004	4:11	42	19.9	32.28	11.5	32.28	4
66	53	4046.5	7012.4	22	8	2004	4:24	42	19.7	32.27	11.5	32.29	5
67	54	4106.2	7018.6	22	8	2004	6:18	34	18.9	32.17	12.9	32.16	5

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time	Btm Depth	Sfc Temp	Sfc Salt	Btm Tmp	Btm Salt	Meters from Btm
68	55	4054.9	6959.4	22	8	2004	8:11	29	16.4	31.79	16.0	31.84	6
69	56	4054.4	6924.3	22	8	2004	12:23	43	11.9	31.92	12.0	31.92	5
70	57	4058.5	6909.2	22	8	2004	13:48	68	11.9	31.96	8.2	32.24	5
71	58	4041.4	6916.4	22	8	2004	15:48	54	18.4	32.02	10.1	32.48	5
72	59	4021.8	6857.0	22	8	2004	18:23	87	18.5	32.15	7.8	33.27	3
73	59	4021.9	6856.9	22	8	2004	18:36	87	18.4	32.17	7.6	33.08	4
74	60	4016.3	6844.9	22	8	2004	19:47	102	20.7	32.95	10.1	34.88	7
75	61	4033.6	6850.4	22	8	2004	21:42	67	18.1	32.09	8.5	32.60	5
76	62	4041.3	6854.4	22	8	2004	22:42	66	19.2	32.16	9.5	32.50	5
77	63	4043.6	6834.9	23	8	2004	0:06	59	15.3	32.26	11.9	32.38	4
78	64	4051.1	6851.0	23	8	2004	1:42	66	15.3	32.27	13.0	32.34	5
79	65	4101.3	6846.8	23	8	2004	3:00	64	14.5	32.29	12.4	32.33	5
80	66	4101.3	6837.4	23	8	2004	3:54	56	14.0	32.31	14.0	32.31	8
81	67	4128.7	6850.9	24	8	2004	22:53	132	17.4	31.83	4.1	32.98	5
82	68	4133.2	6823.1	25	8	2004	1:00	46	15.0	32.32	12.2	32.45	6
83	69	4131.1	6811.0	25	8	2004	2:05	39	15.6	32.34	15.5	32.42	6
84	70	4153.9	6822.6	25	8	2004	4:41	202	19.5	31.94	4.1	32.75	150
85	70	4153.8	6822.5	25	8	2004	4:48	201	19.4	31.91	6.4	34.02	9
86	71	4154.1	6834.5	25	8	2004	6:11	165	19.3	31.92	5.4	33.65	5
87	72	4223.2	6817.2	25	8	2004	9:18	195	18.5	31.94	7.5	34.45	2
88	73	4213.7	6814.6	25	8	2004	10:48	196	19.0	31.98	7.7	34.50	5
89	74	4201.5	6759.2	25	8	2004	12:48	195	15.0	32.21	6.6	34.05	4
90	75	4158.7	6740.6	25	8	2004	14:23	49	15.1	32.26	9.3	32.46	7
91	76	4134.6	6744.2	25	8	2004	17:00	43	16.1	32.34	16.0	32.34	4
92	76	4134.6	6744.3	25	8	2004	17:06	43	16.0	32.32	16.0	32.38	3
93	77	4111.4	6759.6	25	8	2004	22:23	42	15.4	32.12	15.4	32.36	5
94	77	4111.0	6759.4	25	8	2004	22:36	38	15.2	32.36	15.2	32.36	5
95	78	4046.3	6802.9	26	8	2004	0:53	68	17.5	32.15	8.5	32.65	6
96	79	4105.9	6734.3	26	8	2004	3:47	57	15.2	32.27	11.6	32.38	5
97	80	4106.2	6724.7	26	8	2004	4:41	54	15.4	32.23	11.9	32.38	3
98	80	4106.1	6724.8	26	8	2004	4:48	55	15.3	32.24	11.9	32.36	6
99	81	4051.3	6728.4	26	8	2004	6:18	76	15.7	32.07	7.9	32.57	5
100	82	4024.3	6734.8	26	8	2004	8:53	165	24.5	34.93	10.6	35.15	2
101	83	4038.6	6703.0	26	8	2004	11:41	269	25.5	34.88	9.7	35.23	70
102	83	4039.3	6702.0	26	8	2004	12:41	233	25.5	35.05	9.9	35.26	12

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time	Btm Depth	Sfc Temp	Sfc Salt	Btm Tmp	Btm Salt	Meters from Btm
103	84	4055.9	6651.1	26	8	2004	14:41	89	18.6	32.54	7.2	33.40	6
104	85	4118.2	6710.8	26	8	2004	17:30	52	14.2	32.04	12.3	32.34	6
105	85	4118.0	6710.9	26	8	2004	17:36	52	14.5	32.34	12.2	32.34	7
106	86	4126.0	6714.4	26	8	2004	18:42	37	15.1	99.99	14.3	32.33	1
107	86	4125.5	6714.4	26	8	2004	18:47	43	14.7	99.99	14.3	32.33	7
108	87	4143.2	6649.9	26	8	2004	21:06	68	17.2	32.11	12.1	32.35	4
109	88	4131.2	6643.1	26	8	2004	21:36	70	16.6	9999	10.3	32.33	5
110	89	4138.7	6630.8	26	8	2004	22:47	77	16.3	32.11	8.4	32.48	4
111	90	4128.9	6557.4	27	8	2004	1:23	236	19.0	32.35	9.9	35.24	5
112	90	4128.7	6557.2	27	8	2004	1:42	260	19.3	32.55	10.7	35.34	60
113	91	4143.4	6550.7	27	8	2004	3:30	126	16.2	32.07	7.6	33.90	6
114	92	4146.0	6558.6	27	8	2004	4:30	100	14.9	32.18	6.9	32.71	45
115	92	4145.8	6558.4	27	8	2004	4:35	100	16.2	32.25	6.4	32.87	6
116	93	4144.0	6602.9	27	8	2004	5:11	93	15.7	32.06	6.5	32.99	5
117	94	4151.1	6615.1	27	8	2004	6:41	78	16.8	31.92	7.1	32.66	4
118	95	4148.8	6626.5	27	8	2004	7:35	78	16.8	31.94	9.0	32.44	5
119	96	4206.0	6620.5	27	8	2004	9:23	83	15.9	31.91	6.0	33.53	5
120	97	4213.6	6546.1	27	8	2004	12:00	222	17.5	31.15	8.5	35.11	7
121	98	4223.7	6514.9	27	8	2004	14:48	116	15.4	31.28	5.1	33.34	6
122	99	4243.7	6559.9	27	8	2004	18:42	74	10.2	31.82	7.4	32.45	30
123	99	4243.6	6600.1	27	8	2004	18:47	74	10.6	31.92	7.5	32.48	5
124	100	4228.8	6626.6	27	8	2004	21:00	254	16.4	31.73	8.1	34.93	5
125	100	4229.1	6627.1	27	8	2004	21:17	254	16.8	31.67	8.1	34.93	53
126	101	4228.7	6650.7	27	8	2004	23:12	312	14.8	32.08	8.1	34.99	4
127	101	4228.9	6650.8	27	8	2004	23:30	310	14.8	32.02	8.0	34.91	110
128	102	4225.0	6659.5	28	8	2004	0:24	360	15.2	31.87	8.1	34.99	6
129	102	4225.0	6659.3	28	8	2004	1:23	360	15.8	31.65	8.4	34.95	159
130	103	4301.2	6620.6	28	8	2004	6:05	133	8.6	32.20	6.6	32.61	73
131	103	4301.1	6620.5	28	8	2004	6:18	134	8.6	32.36	6.6	32.72	8
132	104	4308.8	6656.8	28	8	2004	9:00	150	9.7	32.34	7.1	34.00	7
133	105	4348.4	6700.7	28	8	2004	12:36	156	15.8	32.18	6.6	33.67	4
134	106	4415.6	6649.1	28	8	2004	15:30	184	12.3	32.33	6.7	33.77	6
135	107	4446.2	6632.9	28	8	2004	19:17	140	12.0	9999	7.0	32.76	50
136	107	4446.2	6633.1	28	8	2004	19:30	138	12.3	31.30	6.9	32.93	6
137	108	4418.7	6742.4	29	8	2004	1:36	88	10.9	32.21	8.3	32.56	6

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time	Btm Depth	Sfc Temp	Sfc Salt	Btm Tmp	Btm Salt	Meters from Btm
138	109	4404.1	6808.9	29	8	2004	3:54	88	11.5	32.23	8.3	32.55	42
139	109	4404.0	6809.1	29	8	2004	4:00	87	11.6	32.19	7.9	32.65	17
140	110	4349.0	6726.7	29	8	2004	7:11	222	16.4	31.99	7.2	34.21	5
141	110	4349.0	6726.7	29	8	2004	7:24	223	16.6	31.93	7.2	34.21	22
142	111	4341.1	6730.3	29	8	2004	8:30	224	16.2	32.08	7.4	34.27	5
143	111	4341.1	6730.4	29	8	2004	8:41	224	16.1	31.97	7.4	34.27	25
144	112	4324.3	6741.8	29	8	2004	10:48	244	17.9	31.82	6.7	34.08	4
145	112	4324.3	6741.8	29	8	2004	11:30	244	17.9	31.86	6.4	33.97	44
146	113	4258.8	6750.7	29	8	2004	14:18	181	17.4	31.83	6.6	34.07	6
147	114	4318.7	6806.8	29	8	2004	16:36	213	17.6	32.11	6.7	34.04	5
148	114	4318.8	6807.0	29	8	2004	16:47	211	18.2	31.92	6.8	34.06	11
149	115	4331.2	6818.9	29	8	2004	18:36	196	17.3	31.84	5.7	33.72	7
150	116	4347.0	6845.0	29	8	2004	21:06	81	12.6	31.92	8.1	32.34	6
151	117	4340.6	6915.0	29	8	2004	23:17	87	14.8	31.85	7.3	32.54	7
152	118	4323.9	6846.8	30	8	2004	1:47	112	14.8	32.20	6.1	33.09	6
153	119	4301.3	6900.8	30	8	2004	4:18	132	19.4	31.83	5.4	32.82	51
154	119	4301.3	6900.7	30	8	2004	4:30	133	19.3	31.85	4.8	32.96	2
155	120	4330.3	7017.4	30	8	2004	10:53	26	15.1	30.98	11.2	31.64	7
156	121	4315.8	6958.7	30	8	2004	13:00	125	17.5	31.06	4.3	32.75	5
157	122	4258.6	6936.8	30	8	2004	15:30	152	18.9	31.70	4.5	33.24	6
158	123	4248.6	6946.9	30	8	2004	17:00	261	19.5	31.77	5.3	33.68	6
159	123	4248.7	6947.2	30	8	2004	17:12	262	19.5	31.62	4.7	33.48	62
160	124	4246.2	6934.7	30	8	2004	18:30	193	19.9	31.77	4.7	33.45	3
161	125	4217.2	6918.0	30	8	2004	21:30	208	20.3	31.88	5.1	33.61	8
162	126	4230.0	6940.0	30	8	2004	23:42	253	19.7	31.43	5.1	33.59	6
163	126	4229.9	6939.9	31	8	2004	0:24	253	19.6	31.39	4.8	33.53	54
164	127	4238.6	7002.4	31	8	2004	2:24	113	19.3	31.06	4.6	32.78	7
165	128	4238.6	7026.0	31	8	2004	4:11	48	18.2	31.29	5.9	32.17	4
166	128	4238.5	7026.1	31	8	2004	4:18	51	18.6	31.16	5.9	32.18	1
167	129	4221.9	7018.4	31	8	2004	6:05	32	16.8	31.56	7.8	32.08	6
168	130	4203.8	7024.9	31	8	2004	8:06	51	18.0	31.44	6.1	32.08	5

















