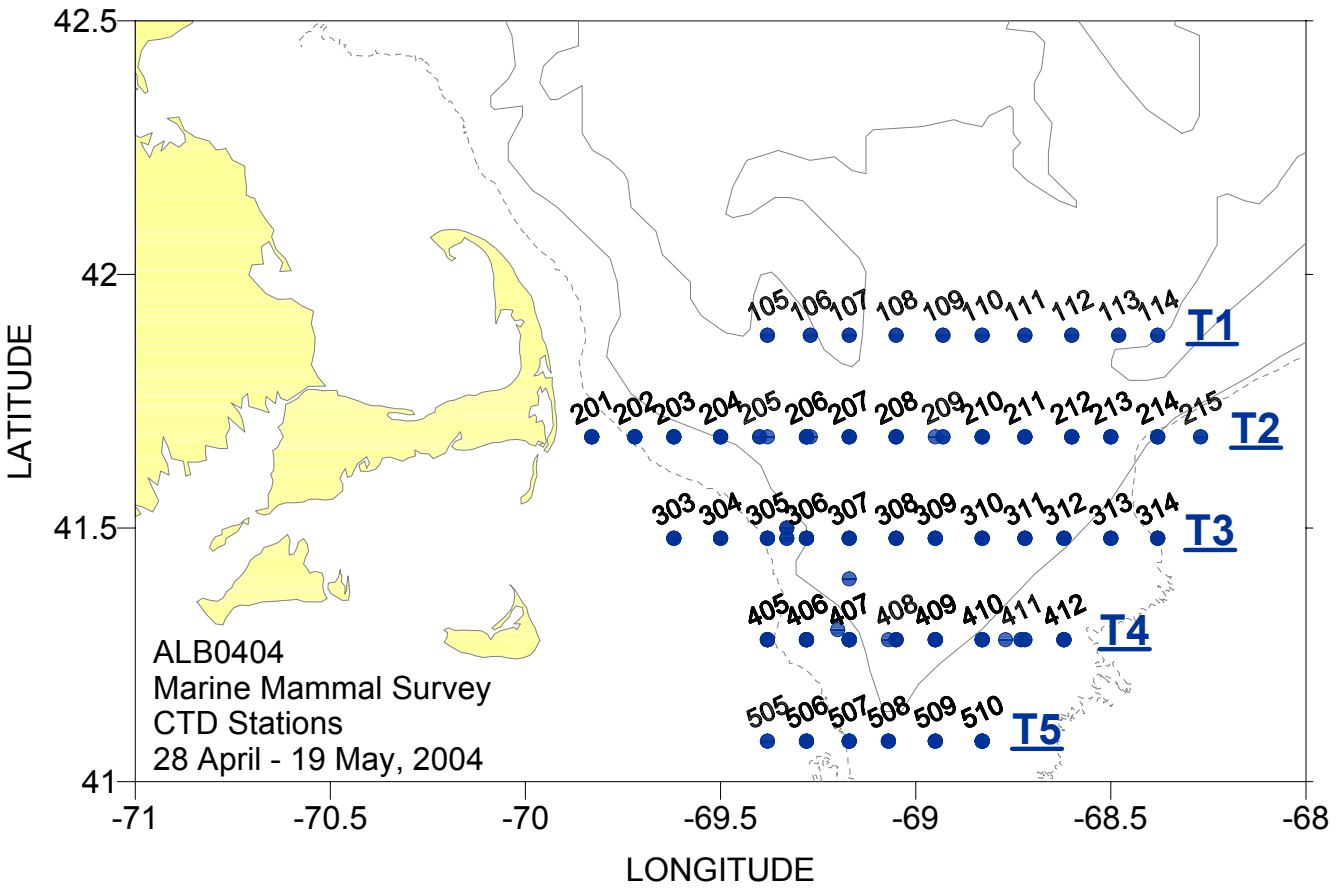
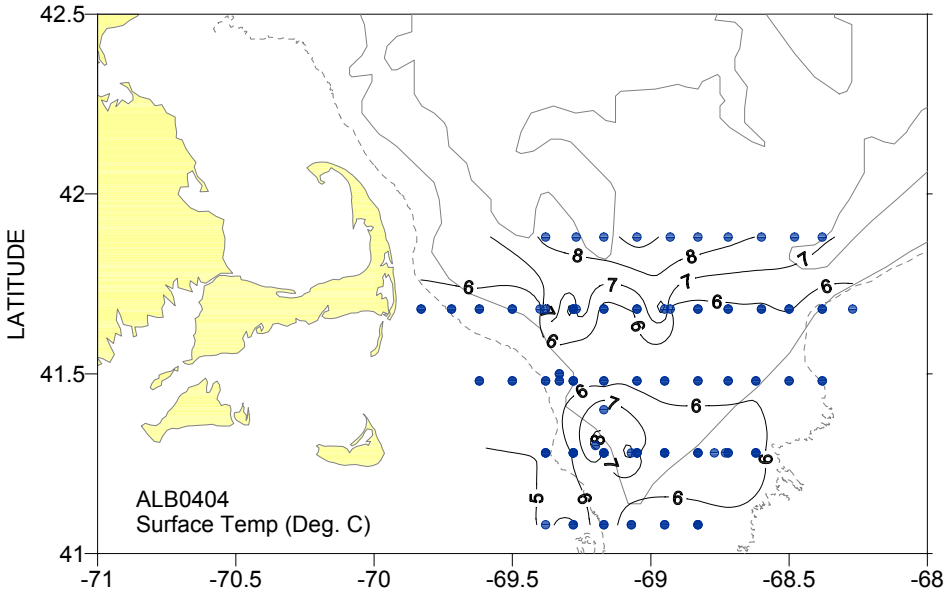
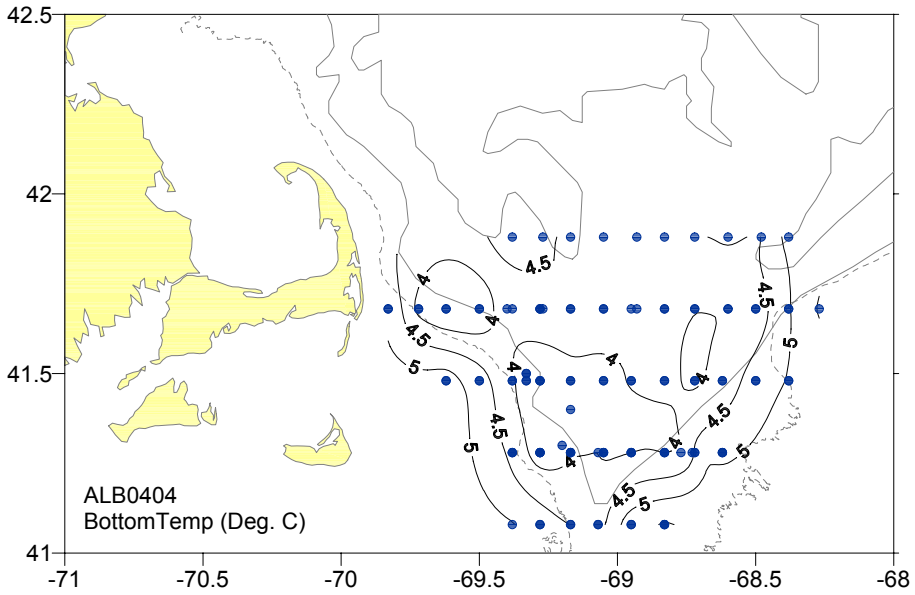

42.5
42
41.5
41
LATITUDE
-71
-70.5
-70
-69.5
-69
-68.5
-68
LONGITUDE
105 106 107 108 109 110 111 112 113 114
T1
201 202 203 204 205 206 207 208 209 210 211 212 213 214 215
T2
303 304 305 306 307 308 309 310 311 312 313 314
T3
405 406 407 408 409 410 411 412
T4
505 506 507 508 509 510
T5
ALB0404
Marine Mammal Survey
CTD Stations
28 April - 19 May, 2004


ALB0404
Surface Temp (Deg. C)
LATITUDE
42.5
42
41.5
41
-71
-70.5
-70
-69.5
-69
-68.5
-68


ALB0404
BottomTemp (Deg. C)
42.5
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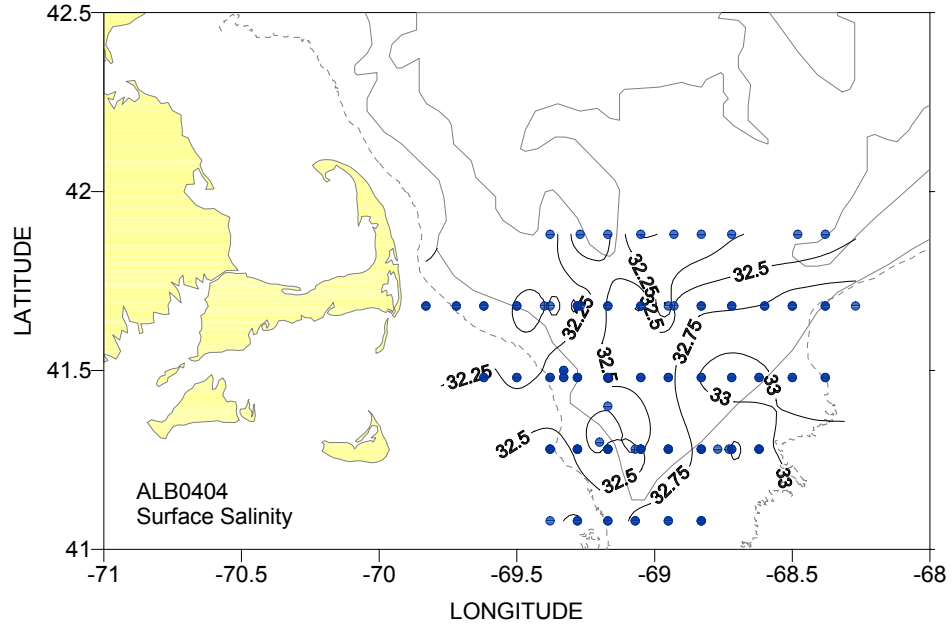
41
-71
-70.5
-70
-69.5
-69
-68.5
-68


ALB0404
Surface Salinity
LATITUDE
LONGITUDE
42.5
42
41.5
41
-71
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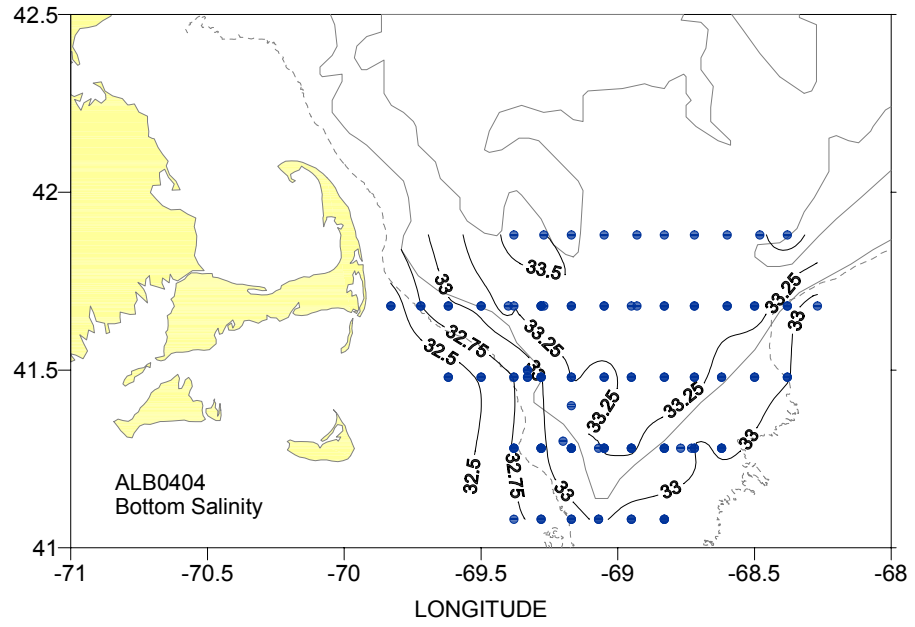
-69
-68.5
-68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Bottom Salinity
LONGITUDE
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41.5
41
-71
-70.5
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-69
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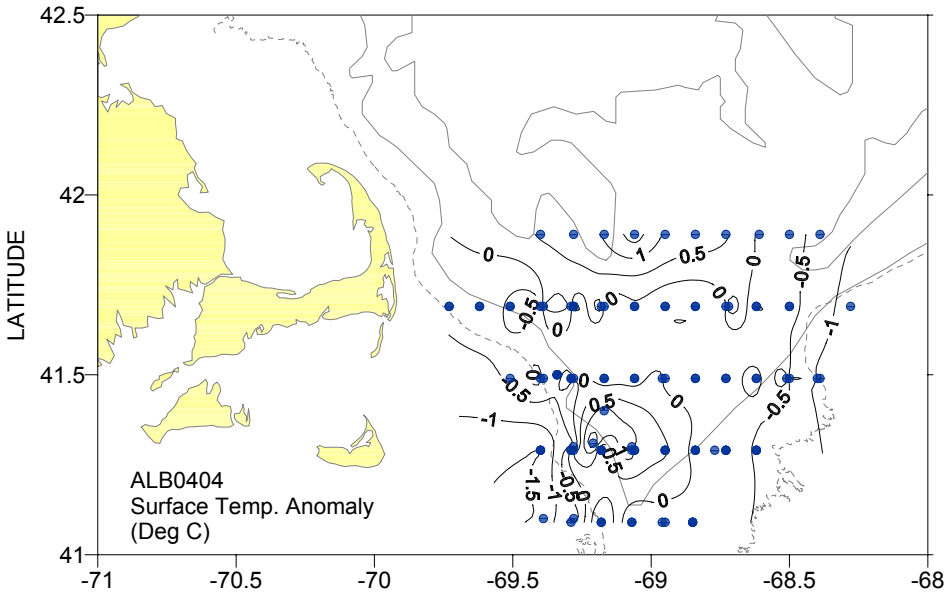
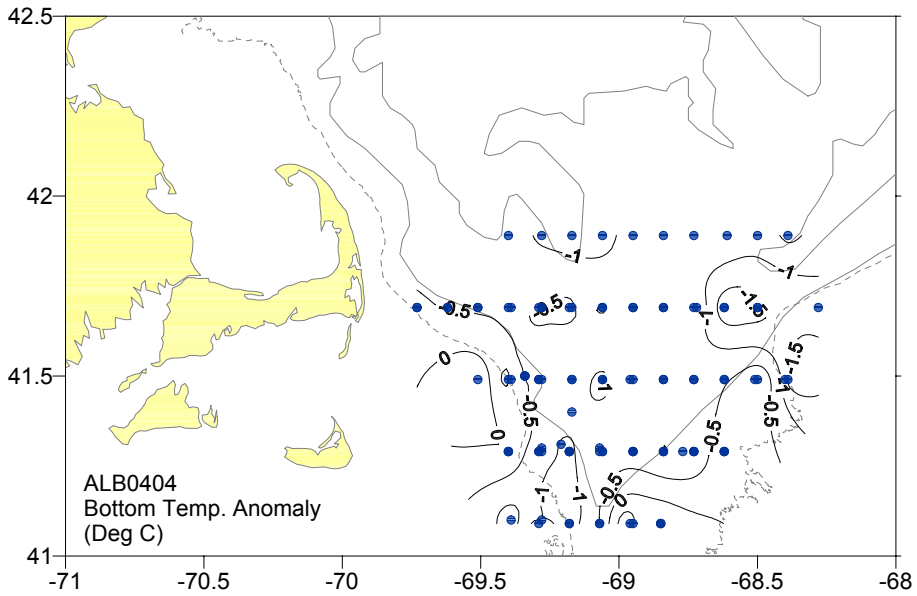
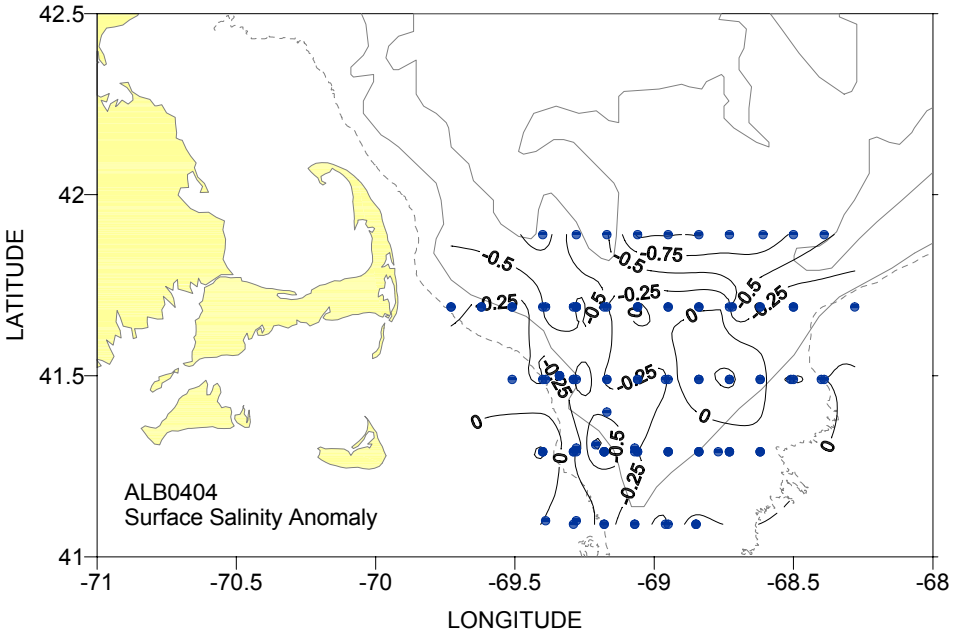
-68


ALB0404
Surface Temp. Anomaly
(Deg C)
LATITUDE
42.5
42
41.5
41
-71
-70.5
-70
-69.5
-69
-68.5
-68


ALB0404
Bottom Temp. Anomaly
(Deg C)
42.5
42
41.5
41
-71
-70.5
-70
-69.5
-69
-68.5
-68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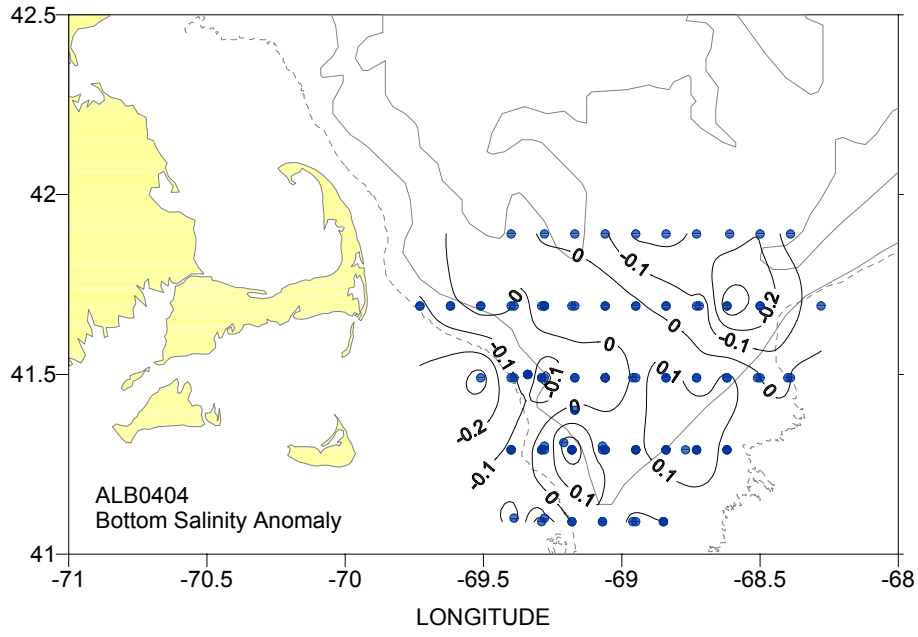
Surface Salinity Anomaly
LATITUDE
LONGITUDE
42.5
42
41.5
41
-71
-70.5
-70
-69.5
-69
-68.5
-68


ALB0404
Bottom Salinity Anomaly
LONGITUDE
42.5
42
41.5
41
-71
-70.5
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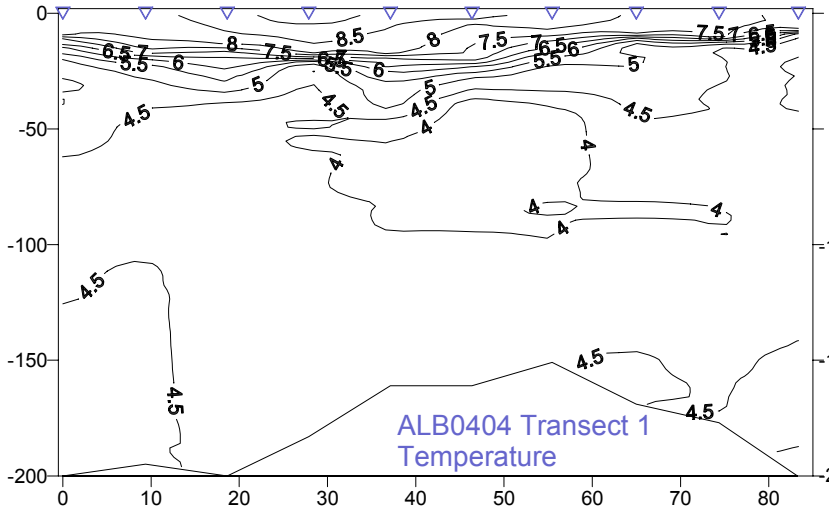
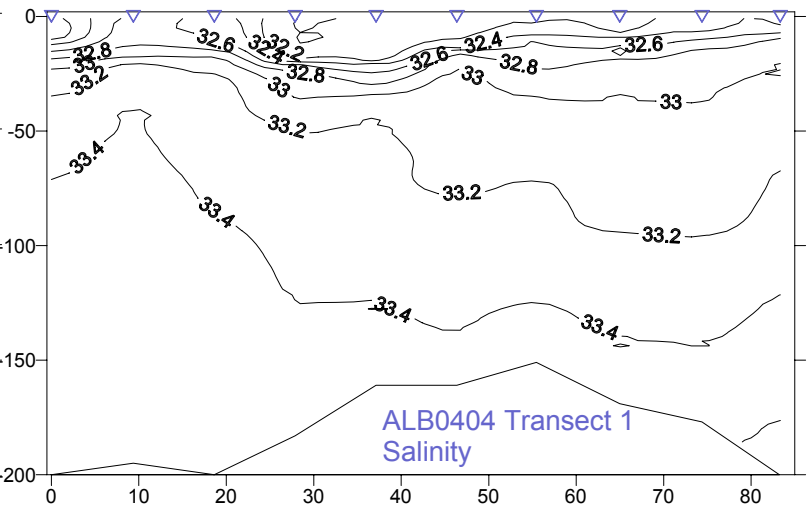
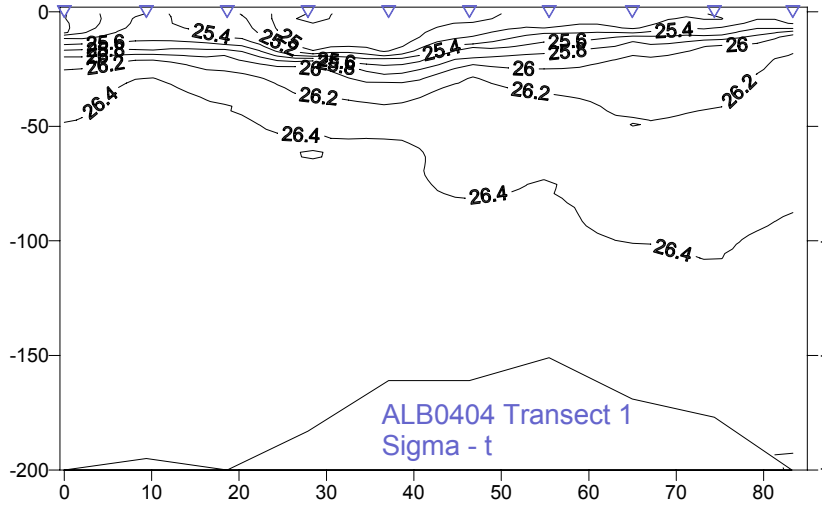
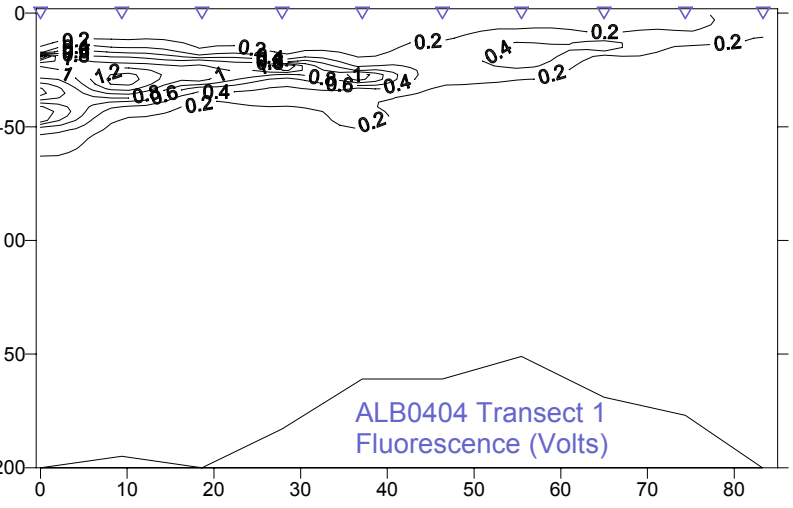
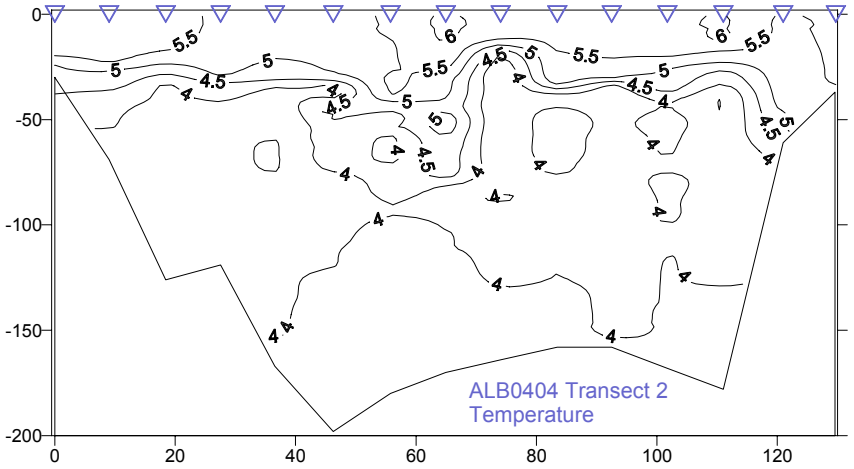
-69.5
-69
-68.5
-68


ALB0404 Transect 1
Temperature


ALB0404 Transect 1
Salinity


ALB0404 Transect 1
Sigma - t


ALB0404 Transect 1
Fluorescence (Volts)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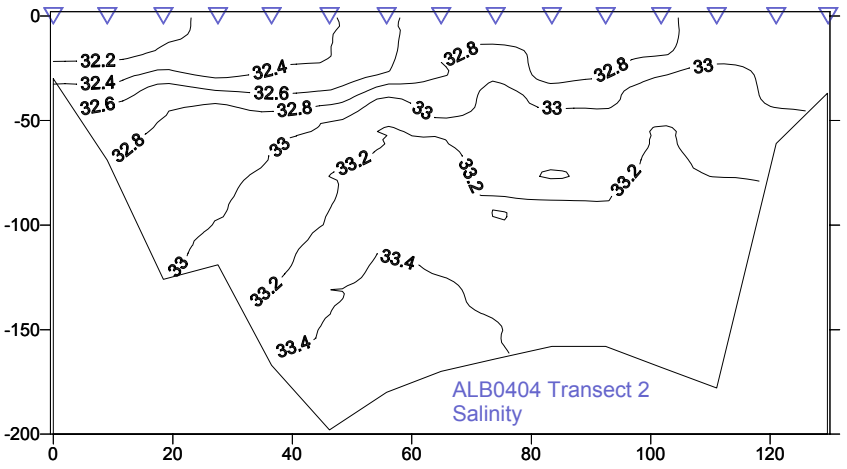
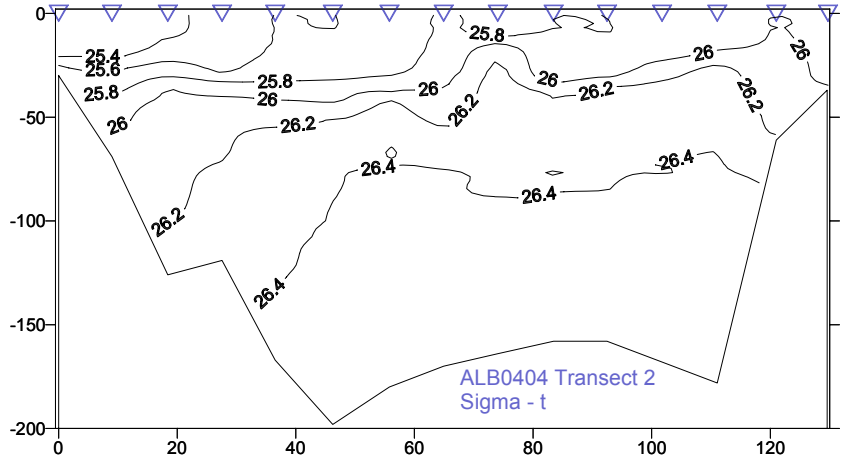
Temperature


ALB0404 Transect 2
Salinity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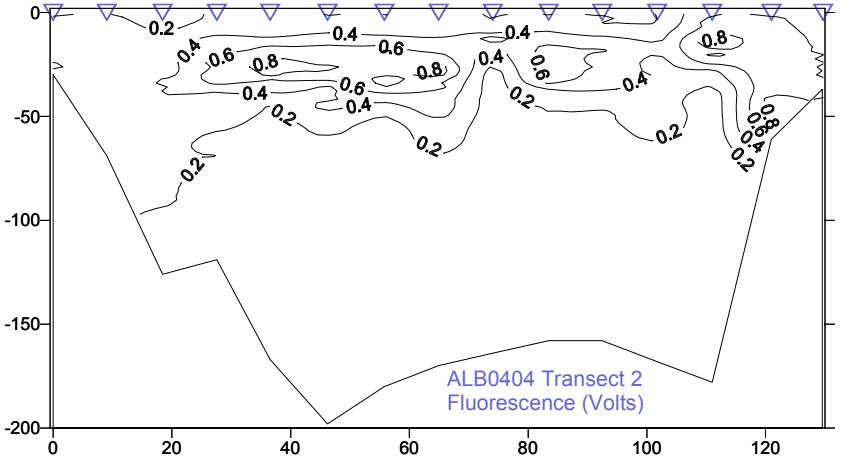
Sigma - t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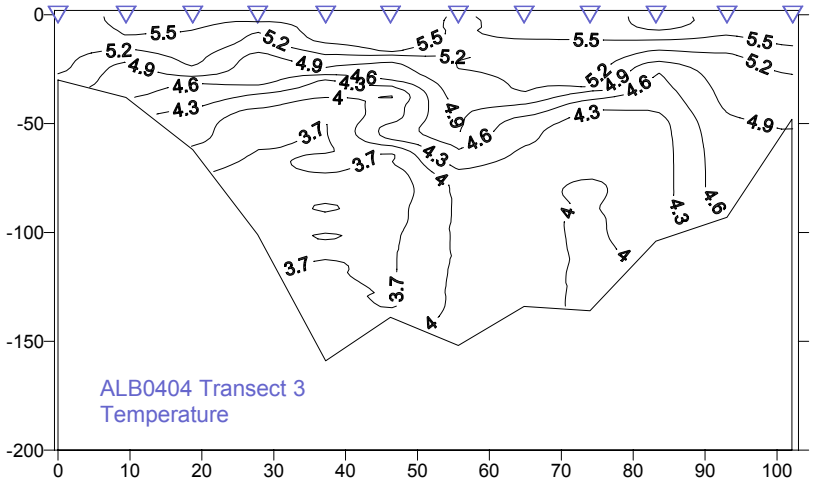
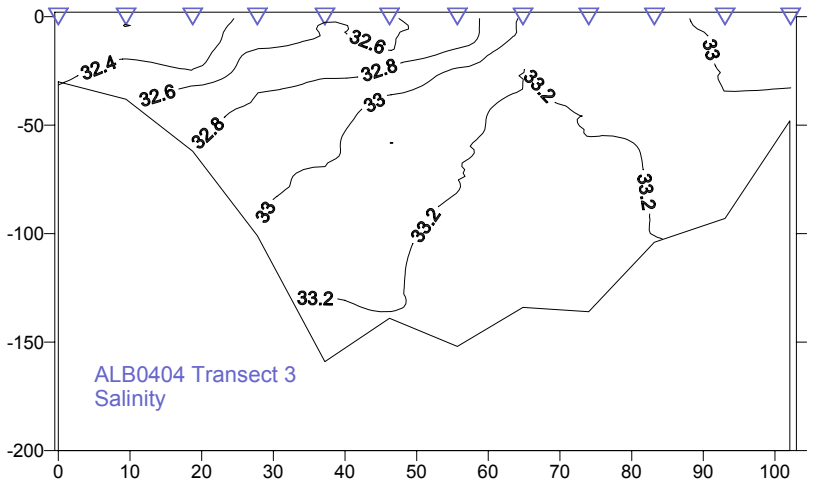
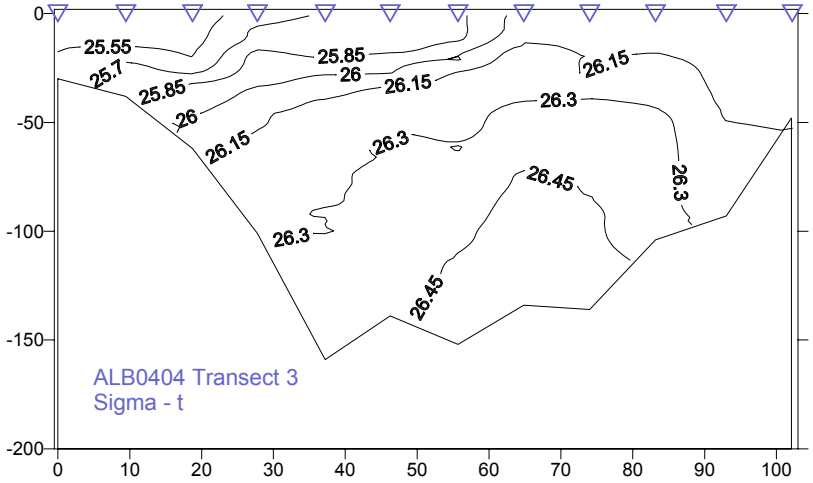
Fluorescence (Volts)


ALB0404 Transect 3
Temperature


ALB0404 Transect 3
Salinity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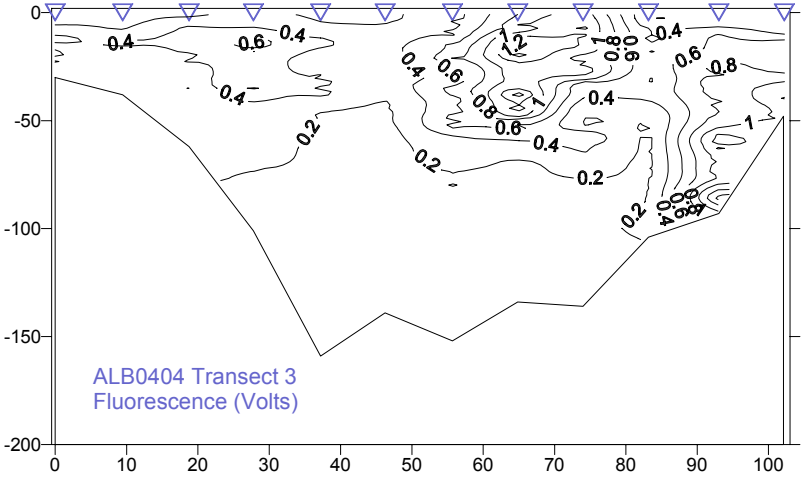
Sigma - t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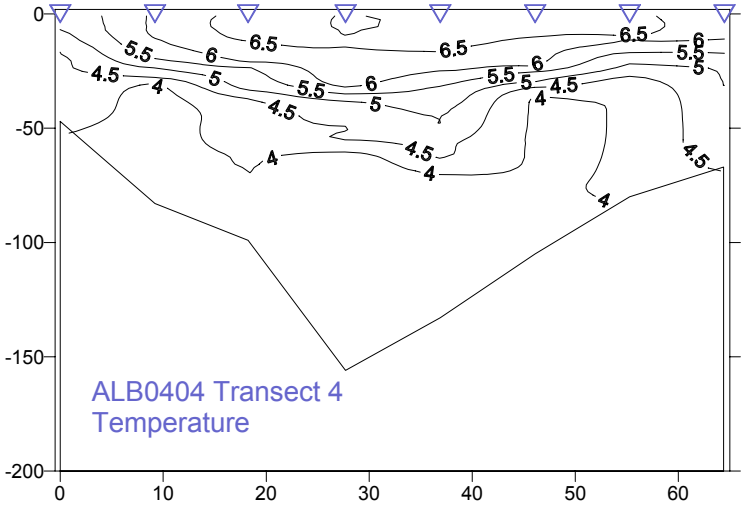
Fluorescence (Volts)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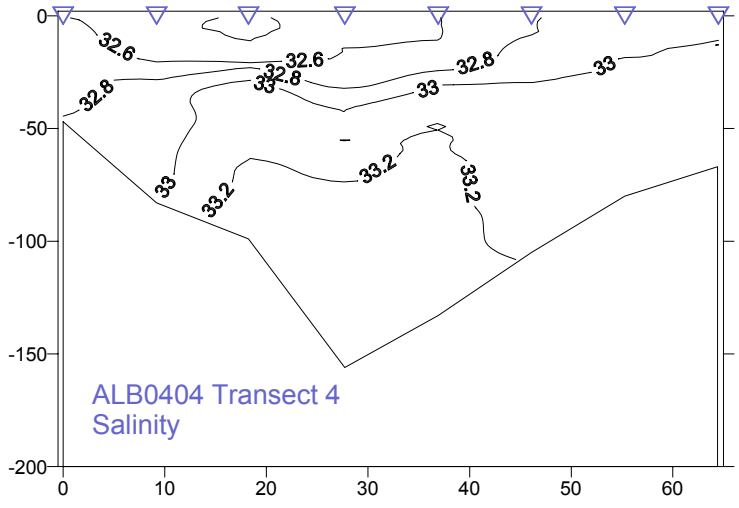
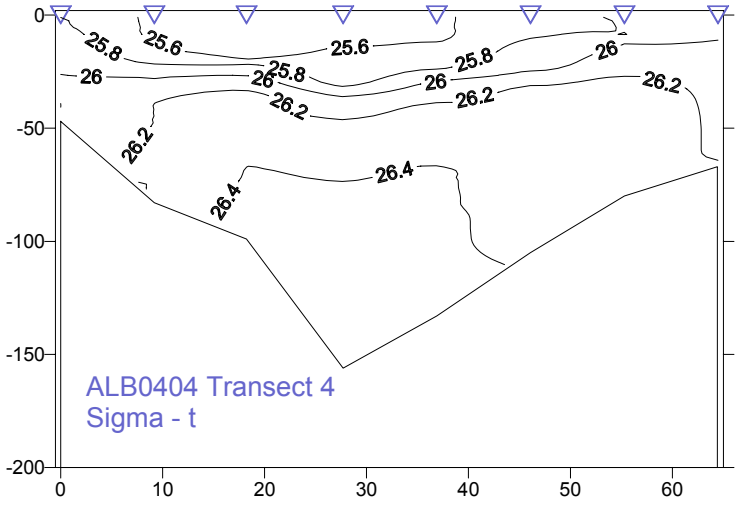
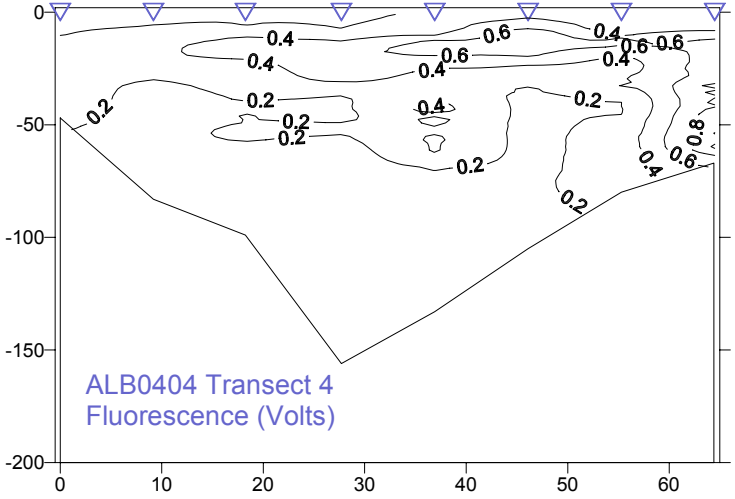
Temperature


ALB0404 Transect 4
Salinity


ALB0404 Transect 4
Sigma - t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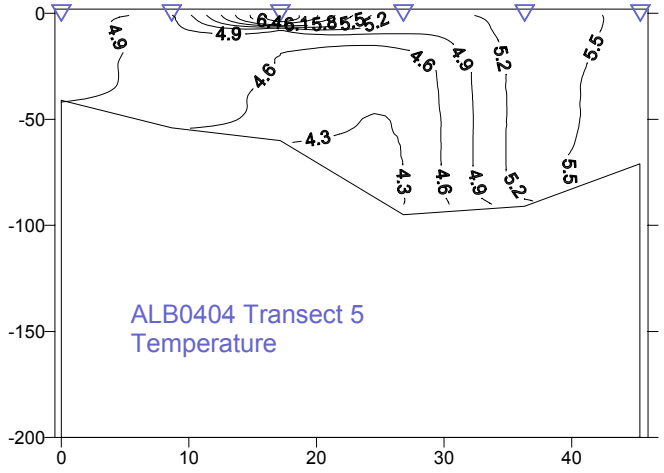
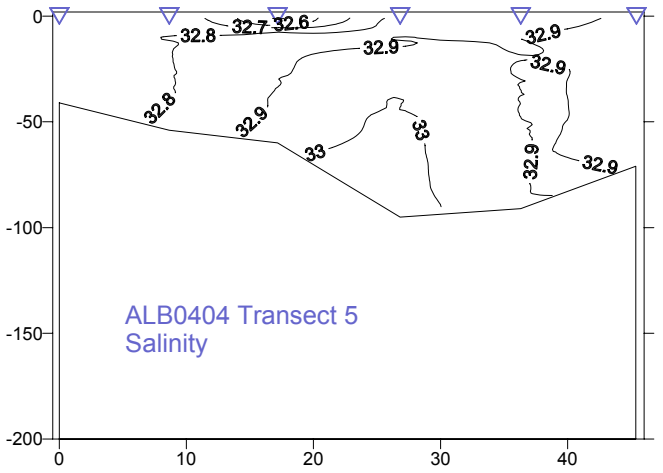
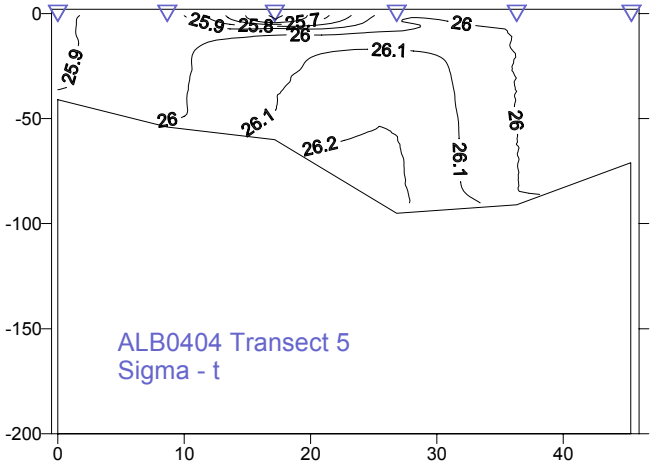
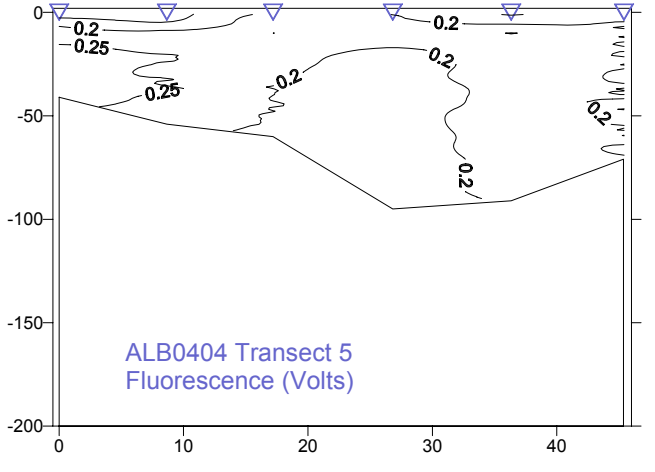
Fluorescence (Volts)


ALB0404 Transect 5
Temperature


ALB0404 Transect 5
Salinity


ALB0404 Transect 5
Sigma - t


ALB0404 Transect 5
Fluorescence (Volts)

ALB0404 Marine Mammal Survey

28 April - 19 May, 2004

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
1	309	4129.5	6857.0	28	4	2004	20:10	152	5.46	32.69	4.07	33.33	7
2	310	4129.5	6850.4	28	4	2004	20:55	134	5.62	33.03	4.11	33.36	5
3	311	4129.5	6843.8	28	4	2004	21:40	136	5.54	33.09	3.94	33.31	6
4	303	4129.2	6937.1	29	4	2004	11:40	30	5.32	32.30	5.28	32.32	5
5	304	4129.3	6930.3	29	4	2004	12:25	38	5.59	32.19	4.73	32.53	4
6	305	4129.5	6923.6	29	4	2004	13:11	62	5.61	32.28	4.09	32.75	5
7	306	4129.3	6917.1	29	4	2004	13:55	101	5.56	32.46	3.56	32.99	6
8	306	4129.4	6917.1	29	4	2004	16:28	102	5.70	32.54	3.54	33.00	6
9	999	4129.8	6920.5	29	4	2004	17:04	82	5.70	32.43	3.69	32.91	4
10	999	4129.9	6920.4	29	4	2004	17:10	82	5.67	32.42	3.68	32.92	5
11	999	4130.0	6920.5	29	4	2004	18:23	82	5.63	32.40	3.68	32.91	5
12	999	4130.1	6920.4	29	4	2004	18:40	83	5.63	32.40	3.68	32.92	4
13	307	4129.3	6910.3	29	4	2004	19:51	159	5.62	32.59	3.93	33.26	5
14	308	4129.3	6903.8	29	4	2004	20:37	139	5.71	32.58	3.67	33.16	5
15	201	4141.2	6950.4	30	4	2004	11:40	30	5.69	32.03	5.00	32.33	6
16	202	4141.5	6943.9	30	4	2004	12:22	69	5.72	32.04	3.85	32.75	5
17	203	4141.6	6937.1	30	4	2004	13:04	126	5.76	32.13	3.62	32.97	4
18	204	4141.6	6930.5	30	4	2004	13:51	119	5.37	32.27	3.61	33.07	5
19	205	4141.3	6924.0	30	4	2004	14:33	167	5.15	32.37	4.31	33.40	5
20	206	4141.3	6917.0	30	4	2004	15:19	198	5.27	32.38	4.42	33.48	5
21	207	4141.5	6910.1	30	4	2004	16:07	180	5.59	32.53	4.41	33.47	5
22	208	4141.6	6903.5	30	4	2004	16:58	170	6.10	32.79	4.43	33.46	5
23	209	4141.2	6856.9	30	4	2004	17:49	164	5.69	32.64	4.26	33.40	7
24	210	4141.6	6850.1	30	4	2004	18:40	158	5.69	32.70	4.12	33.35	5
25	211	4141.3	6843.6	30	4	2004	19:30	158	5.82	32.72	4.01	33.28	5
26	212	4141.3	6836.9	30	4	2004	20:25	168	5.84	32.76	4.02	33.30	4
27	213	4141.3	6830.2	30	4	2004	21:23	178	6.05	32.89	4.21	33.40	5
28	215	4141.5	6816.7	1	5	2004	11:51	37	5.63	32.89	5.55	32.91	6
29	214	4141.4	6823.0	1	5	2004	12:34	61	5.43	32.91	4.96	33.05	5
30	314	4129.4	6823.5	1	5	2004	14:36	48	5.67	32.96	5.03	33.01	6
31	313	4129.4	6830.1	1	5	2004	15:19	93	5.64	32.97	4.77	33.05	5
32	312	4129.4	6837.2	1	5	2004	16:06	104	5.97	33.02	4.17	33.19	4
33	412	4117.4	6837.4	1	5	2004	18:17	67	6.10	32.98	4.86	33.04	5
34	411	4117.4	6844.0	1	5	2004	19:00	80	6.70	32.86	4.02	33.18	4

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
35	999	4117.4	6846.4	1	5	2004	21:16	89	6.65	32.85	4.04	33.15	4
36	410	4117.3	6850.6	2	5	2004	15:13	105	6.62	32.79	3.98	33.11	4
37	405	4117.4	6923.7	4	5	2004	18:00	47	5.05	32.60	4.38	32.77	5
38	406	4117.5	6917.1	4	5	2004	18:43	83	6.09	32.45	3.74	32.95	4
39	407	4117.5	6910.6	4	5	2004	19:23	99	6.73	32.36	3.98	33.25	6
40	408	4117.6	6903.8	4	5	2004	20:08	156	7.03	32.49	3.91	33.27	6
41	409	4117.5	6857.2	4	5	2004	20:52	133	6.89	32.59	3.99	33.28	5
42	999	4124.2	6910.1	6	5	2004	19:57	149	7.70	32.24	3.79	33.21	4
43	510	4105.4	6850.7	7	5	2004	11:16	71	5.54	32.92	5.56	32.92	6
44	510	4105.4	6850.9	7	5	2004	11:22	71	5.55	32.92	5.56	32.92	6
45	509	4105.5	6857.2	7	5	2004	12:01	91	5.36	32.85	5.34	32.90	6
46	508	4105.6	6904.0	7	5	2004	12:45	95	5.04	32.84	4.29	33.03	5
47	507	4105.6	6910.9	7	5	2004	13:33	60	6.91	32.48	4.49	32.92	4
48	506	4105.7	6917.0	7	5	2004	14:18	54	4.85	32.79	4.75	32.79	5
49	505	4105.7	6923.2	7	5	2004	15:04	41	5.09	32.71	5.03	32.72	6
50	405	4117.6	6923.8	7	5	2004	16:25	44	5.21	32.63	5.15	32.63	7
51	406	4117.7	6917.0	7	5	2004	17:04	84	5.74	32.62	4.06	32.91	3
52	407	4117.4	6910.5	7	5	2004	17:52	100	7.41	32.44	4.13	33.06	6
53	408	4117.5	6903.8	7	5	2004	18:43	157	7.52	32.37	4.06	33.24	5
54	409	4117.5	6857.2	7	5	2004	19:28	134	7.59	32.50	4.14	33.24	4
55	410	4117.3	6850.6	7	5	2004	20:19	104	7.41	32.57	4.53	33.02	6
56	411	4117.5	6843.9	7	5	2004	21:01	81	7.10	32.61	4.99	32.93	6
57	412	4117.5	6837.2	7	5	2004	21:38	68	5.89	32.86	5.88	32.86	6
58	309	4129.4	6857.3	11	5	2004	12:16	151	7.43	32.17	4.04	33.28	4
59	308	4129.5	6903.7	11	5	2004	12:58	137	7.93	32.01	3.80	33.17	5
60	307	4129.4	6910.4	11	5	2004	13:43	159	7.53	31.98	3.76	33.14	3
61	306	4129.4	6917.0	11	5	2004	14:26	102	7.67	31.88	3.55	32.95	5
62	305	4129.5	6923.7	11	5	2004	15:06	61	7.83	31.91	3.77	32.72	6
63	304	4129.5	6930.5	11	5	2004	15:46	37	8.13	31.87	4.34	32.54	4
64	303	4129.6	6937.1	11	5	2004	16:25	29	8.12	31.87	5.30	32.31	4
65	405	4117.6	6923.7	11	5	2004	19:12	43	6.47	32.49	5.25	32.61	8
66	406	4117.6	6917.0	11	5	2004	19:49	84	7.51	32.38	3.94	32.86	5
67	407	4117.5	6910.5	11	5	2004	20:38	100	8.00	32.30	3.68	32.98	4
68	408	4117.7	6904.0	11	5	2004	21:21	157	8.44	32.20	4.01	33.23	4
69	999	4118.6	6912.7	12	5	2004	15:37	99	8.62	32.00	3.85	33.15	4
70	999	4141.4	6916.9	13	5	2004	17:06	198	8.03	31.94	4.42	33.45	6
71	999	4141.4	6917.3	13	5	2004	17:19	197	8.12	31.91	4.43	33.45	6

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
72	105	4153.4	6923.7	14	5	2004	17:01	200	8.23	32.11	4.86	33.58	4
73	106	4153.4	6916.9	14	5	2004	17:46	195	8.34	32.69	4.55	33.50	3
74	107	4153.4	6910.2	14	5	2004	18:32	211	8.72	32.54	4.44	33.48	3
75	108	4153.4	6903.5	14	5	2004	19:21	183	9.45	31.97	4.32	33.44	4
76	109	4153.4	6856.8	14	5	2004	20:07	161	8.78	32.03	4.38	33.42	5
77	110	4153.2	6850.1	14	5	2004	20:52	161	8.69	32.03	4.35	33.41	4
78	111	4153.6	6843.5	14	5	2004	21:38	151	8.41	32.16	4.48	33.45	5
79	114	4153.4	6823.3	15	5	2004	11:22	201	7.17	32.34	5.18	33.64	5
80	113	4153.5	6829.8	15	5	2004	12:10	177	7.89	32.25	4.48	33.46	5
81	112	4153.6	6836.6	15	5	2004	13:01	169	7.91	32.09	4.58	33.49	6
82	214	4141.4	6823.6	15	5	2004	15:03	64	7.32	32.84	4.12	33.25	4
83	213	4141.4	6830.0	15	5	2004	15:46	179	8.51	32.30	4.67	33.53	4
84	210	4141.3	6850.3	15	5	2004	20:31	154	8.74	31.96	4.18	33.32	3
85	211	4141.6	6843.3	15	5	2004	21:15	161	8.91	31.90	4.23	33.37	5
86	212	4141.3	6836.9	15	5	2004	21:55	168	8.80	32.06	4.23	33.37	4
87	209	4141.4	6857.0	16	5	2004	11:15	163	8.59	31.85	4.33	33.40	3
88	208	4141.4	6903.5	16	5	2004	11:56	169	8.86	31.79	4.26	33.35	3
89	207	4141.5	6910.6	16	5	2004	12:55	179	8.93	31.69	4.41	33.44	2
90	206	4141.4	6917.0	16	5	2004	13:43	199	8.83	31.75	4.43	33.45	4
91	205	4141.4	6923.4	16	5	2004	14:30	171	8.59	31.77	4.09	33.24	3
92	204	4141.6	6930.5	16	5	2004	18:06	118	9.05	31.93	3.74	33.02	4
93	203	4141.5	6937.1	16	5	2004	18:49	127	8.90	31.96	3.68	32.96	3
94	202	4141.2	6943.6	16	5	2004	19:37	67	8.90	31.92	4.25	32.51	6
95	201	4141.3	6950.5	16	5	2004	20:17	28	8.28	31.91	5.65	32.25	6
96	409	4117.5	6857.1	17	5	2004	12:25	133	9.36	32.10	4.04	33.22	4
97	408	4117.5	6903.9	17	5	2004	13:13	156	9.34	32.00	3.98	33.23	4
98	407	4117.4	6910.5	17	5	2004	14:00	99	9.28	31.93	3.67	32.87	3
99	406	4117.4	6917.1	17	5	2004	14:38	84	9.36	32.04	3.95	32.71	4
100	310	4129.3	6850.6	18	5	2004	11:16	129	8.91	31.96	3.83	33.16	1
101	311	4129.4	6843.5	18	5	2004	12:04	136	8.89	31.97	4.04	33.24	4
102	312	4129.5	6837.2	18	5	2004	12:52	106	8.31	32.55	4.23	33.21	4
103	313	4129.1	6830.8	18	5	2004	13:34	95	8.73	32.37	4.85	33.04	5
104	314	4129.2	6823.7	18	5	2004	14:16	58	7.14	32.80	7.07	32.81	4
105	412	4117.3	6837.4	18	5	2004	17:07	66	6.73	32.82	6.07	32.86	5
106	411	4117.4	6843.9	18	5	2004	17:52	80	8.89	32.43	5.01	32.95	6
107	410	4117.4	6850.5	18	5	2004	18:31	104	9.62	32.09	4.10	33.09	5
108	506	4105.4	6917.2	19	5	2004	16:22	56	6.22	32.54	6.22	32.56	5

Cast #	Sta #	Lat	Long	Day	Mo	Yr	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
109	507	4105.4	6910.5	19	5	2004	16:58	62	6.17	32.60	6.06	32.63	3
110	508	4105.4	6904.2	19	5	2004	17:31	93	6.26	32.73	5.16	32.78	3
111	509	4105.4	6857.7	19	5	2004	18:10	90	6.49	32.83	6.45	32.84	4
112	510	4105.3	6850.7	19	5	2004	18:53	68	6.71	32.85	6.70	32.85	5