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

October 11, 2002

MEMORANDUM FOR: David Mountain
Linda Despres
Stacy Rowe

FROM: Cristina Bascuñán (ext. 2243)

SUBJECT: ALB-02-08 Scallop Survey

CTD data from the Scallop Survey have been processed and are now available. There were 144 casts done, including 40 for calibrations.

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

- whsun2: /ftp/pub/hydro/alb0208.dat (NODC file)

Please call if you have any questions.

AL-02-08
Scallop Survey
17 July - 15 August, 2002

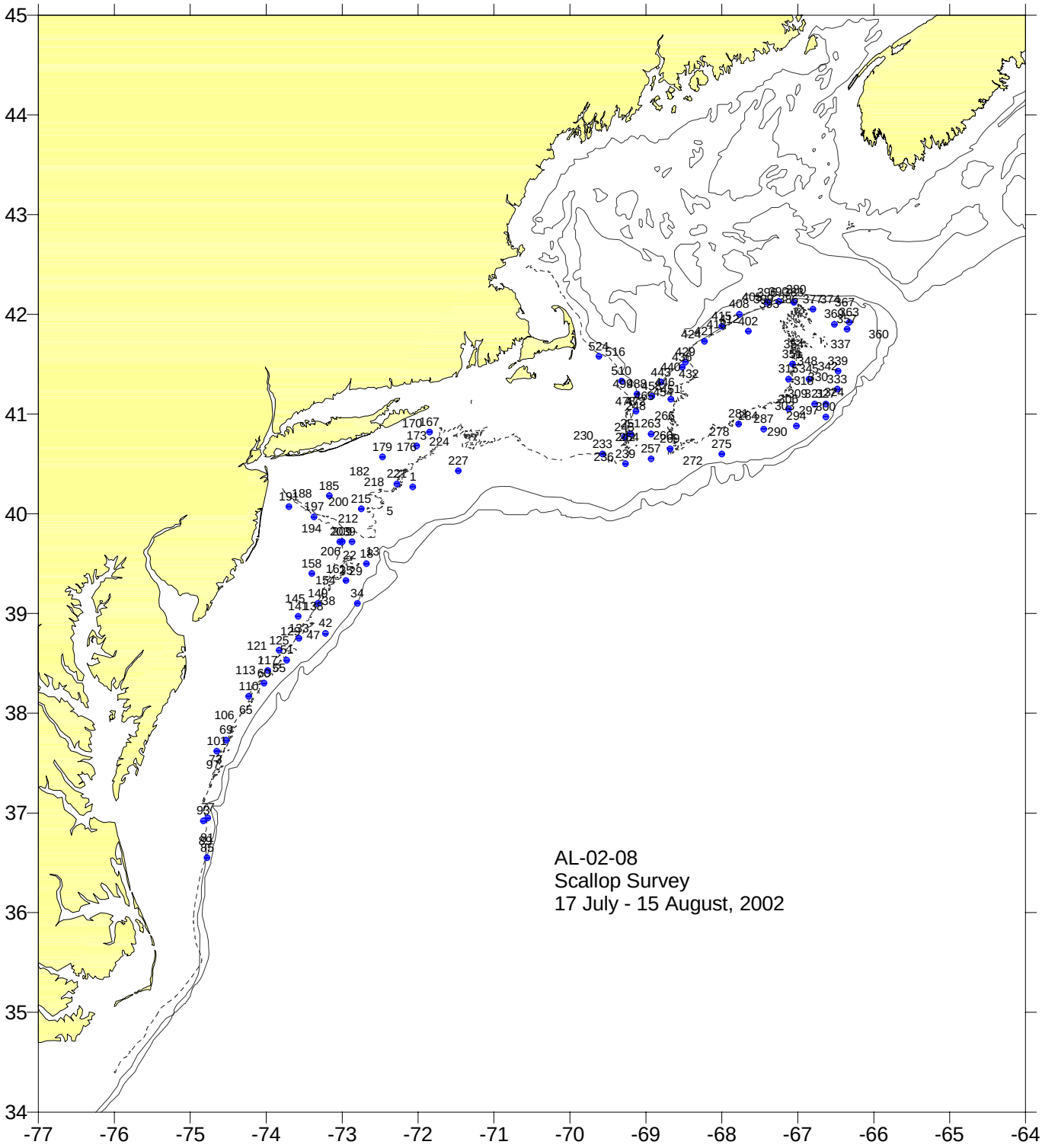
Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time Hh:Mm	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Metres From Btm.
1	1	4016.4	7204.5	17	7	2002	23:47	62	22.7	31.80	6.9	32.83	4
2	5	3956.1	7222.0	18	7	2002	4:48	73	23.0	31.90	7.3	33.07	5
3	9	3943.6	7252.8	18	7	2002	9:48	72	23.5	31.13	8.4	33.18	5
4	13	3931.7	7236.1	18	7	2002	15:11	82	23.8	31.52	7.4	33.05	4
5	18	3930.0	7241.7	18	7	2002	20:12	71	24.5	31.33	7.4	33.08	7
6	22	3929.5	7254.4	18	7	2002	23:00	59	24.5	31.46	8.3	33.22	5
7	25	3920.5	7257.2	19	7	2002	2:30	68	24.4	31.31	8.1	33.23	4
8	29	3919.7	7249.9	19	7	2002	7:18	76	24.4	31.59	7.6	33.15	4
9	34	3906.2	7248.2	19	7	2002	12:00	111	24.1	32.16	9.8	33.95	4
10	38	3901.3	7311.7	19	7	2002	17:12	75	24.4	32.01	8.6	33.36	5
11	42	3848.9	7313.8	19	7	2002	21:36	79	24.7	9999	11.2	34.39	4
12	47	3841.8	7323.7	20	7	2002	2:54	71	24.7	32.95	11.1	34.31	5
13	51	3832.1	7344.0	20	7	2002	8:23	62	24.4	32.49	9.2	33.53	4
14	55	3821.7	7350.6	20	7	2002	13:00	70	24.7	32.40	9.4	33.61	5
15	60	3818.4	7402.1	20	7	2002	17:47	65	24.6	32.10	9.2	33.55	5
16	65	3756.8	7416.2	20	7	2002	22:42	71	25.3	32.53	12.4	34.67	3
17	69	3744.5	7432.9	21	7	2002	3:35	58	25.0	32.30	10.1	33.63	4
18	73	3726.5	7440.1	21	7	2002	8:11	57	24.9	32.89	10.2	33.81	6
19	77	3657.8	7446.0	21	7	2002	13:06	67	25.1	32.82	10.7	33.89	4
20	81	3639.3	7447.0	21	7	2002	17:36	60	25.5	32.72	12.0	34.14	4
21	85	3633.3	7447.6	21	7	2002	23:47	72	25.6	32.66	11.3	34.21	5
22	89	3637.9	7448.8	22	7	2002	3:35	51	25.5	32.85	12.3	34.11	4
23	93	3655.4	7450.2	22	7	2002	7:35	58	25.3	32.79	11.4	33.82	4
24	97	3723.5	7442.8	22	7	2002	13:06	55	25.2	32.87	10.4	33.70	4
25	101	3737.9	7439.3	22	7	2002	17:12	54	25.3	32.35	10.5	33.67	5

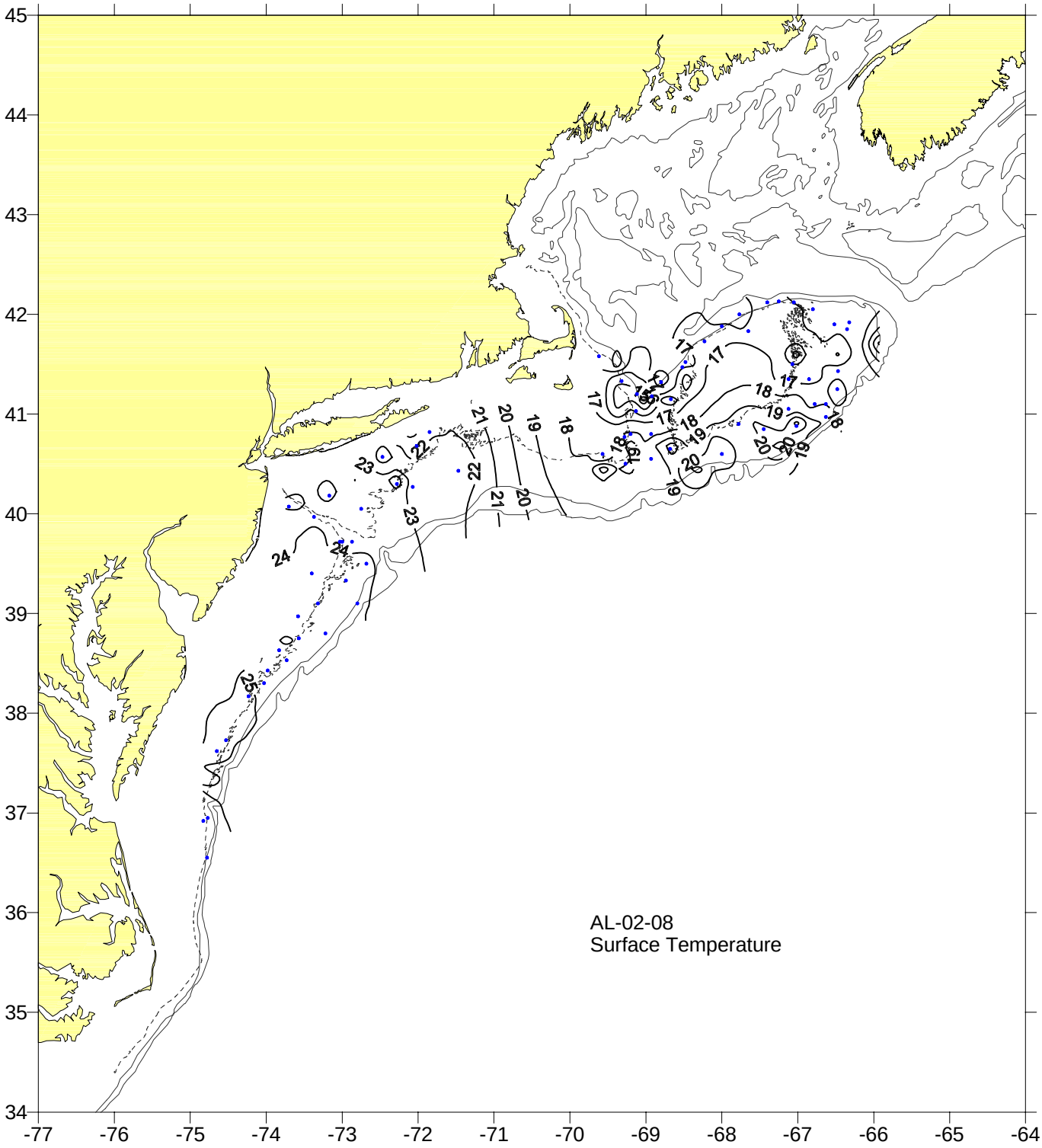
Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time Hh:Mm	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Metres From Btm.
26	106	3753.6	7433.4	22	7	2002	21:42	52	25.5	32.50	10.8	33.59	6
27	110	3810.9	7414.6	23	7	2002	1:42	43	25.4	32.22	10.5	33.50	5
28	113	3820.1	7416.1	23	7	2002	5:48	55	25.2	32.43	10.3	33.48	5
30	117	3826.3	7359.2	23	7	2002	9:41	55	24.9	32.24	9.4	33.60	5
31	121	3834.8	7407.8	23	7	2002	14:48	49	25.0	32.33	10.0	33.38	5
32	125	3838.8	7350.1	23	7	2002	20:30	53	25.3	32.32	9.1	33.48	4
33	129	3843.7	7341.9	24	7	2002	1:00	57	25.2	32.47	9.1	33.44	4
34	133	3845.6	7334.0	24	7	2002	6:11	63	25.0	32.33	9.0	33.43	5
35	138	3858.5	7323.3	24	7	2002	11:41	63	25.0	32.26	8.7	33.40	5
36	141	3858.9	7335.5	24	7	2002	14:53	50	24.8	32.07	9.1	33.25	5
37	145	3903.4	7337.7	24	7	2002	20:12	47	24.7	32.09	9.3	33.18	4
38	149	3906.0	7319.9	25	7	2002	1:00	61	24.6	31.95	8.6	33.35	4
39	154	3914.1	7313.9	25	7	2002	6:35	62	24.5	31.94	8.4	33.29	3
40	158	3924.1	7324.1	25	7	2002	11:06	40	24.0	31.76	10.7	32.88	4
41	161	3921.2	7305.9	25	7	2002	14:06	61	24.0	31.65	8.4	33.21	4
42	167	4049.0	7151.6	30	7	2002	6:48	41	21.1	32.19	11.0	32.60	6
43	170	4048.9	7205.2	30	7	2002	13:36	40	20.6	31.69	11.2	32.52	1
44	173	4041.3	7201.9	30	7	2002	18:12	49	21.8	32.17	10.7	32.59	5
45	176	4034.1	7209.7	30	7	2002	21:42	54	21.9	32.11	8.9	32.82	5
46	179	4034.2	7228.0	31	7	2002	1:00	42	21.5	32.02	9.8	32.69	4
47	182	4019.4	7246.7	31	7	2002	3:54	49	22.9	31.61	8.6	32.78	2
48	185	4011.6	7310.5	31	7	2002	8:06	41	22.4	31.66	9.2	32.73	6
49	188	4006.4	7332.7	31	7	2002	11:06	71	22.8	31.92	9.2	32.77	6
50	191	4004.9	7342.4	31	7	2002	15:53	35	22.8	31.69	12.7	32.49	5
51	194	3945.7	7324.8	31	7	2002	19:17	35	24.8	31.35	10.9	32.63	5
52	197	3958.5	7322.5	31	7	2002	22:42	60	23.8	31.71	8.7	32.84	5
53	200	4001.9	7303.2	1	8	2002	2:00	47	23.4	31.57	8.0	32.85	5
54	203	3943.8	7302.9	1	8	2002	5:00	53	24.0	31.26	9.3	32.89	6
55	206	3931.7	7309.5	1	8	2002	8:11	43	24.3	31.23	9.2	32.90	4
56	209	3943.1	7300.4	1	8	2002	11:00	52	23.8	31.29	9.4	32.88	6
57	212	3951.1	7255.0	1	8	2002	13:48	56	24.1	31.43	7.5	32.98	6
58	215	4003.3	7245.2	1	8	2002	16:53	56	24.6	31.67	7.6	32.96	4
59	218	4013.6	7235.1	1	8	2002	20:00	56	24.3	31.71	7.6	32.83	5
60	221	4018.7	7217.5	1	8	2002	22:30	56	24.7	32.18	7.2	32.84	2
61	224	4037.9	7143.3	2	8	2002	3:05	64	23.2	32.30	8.1	32.95	4

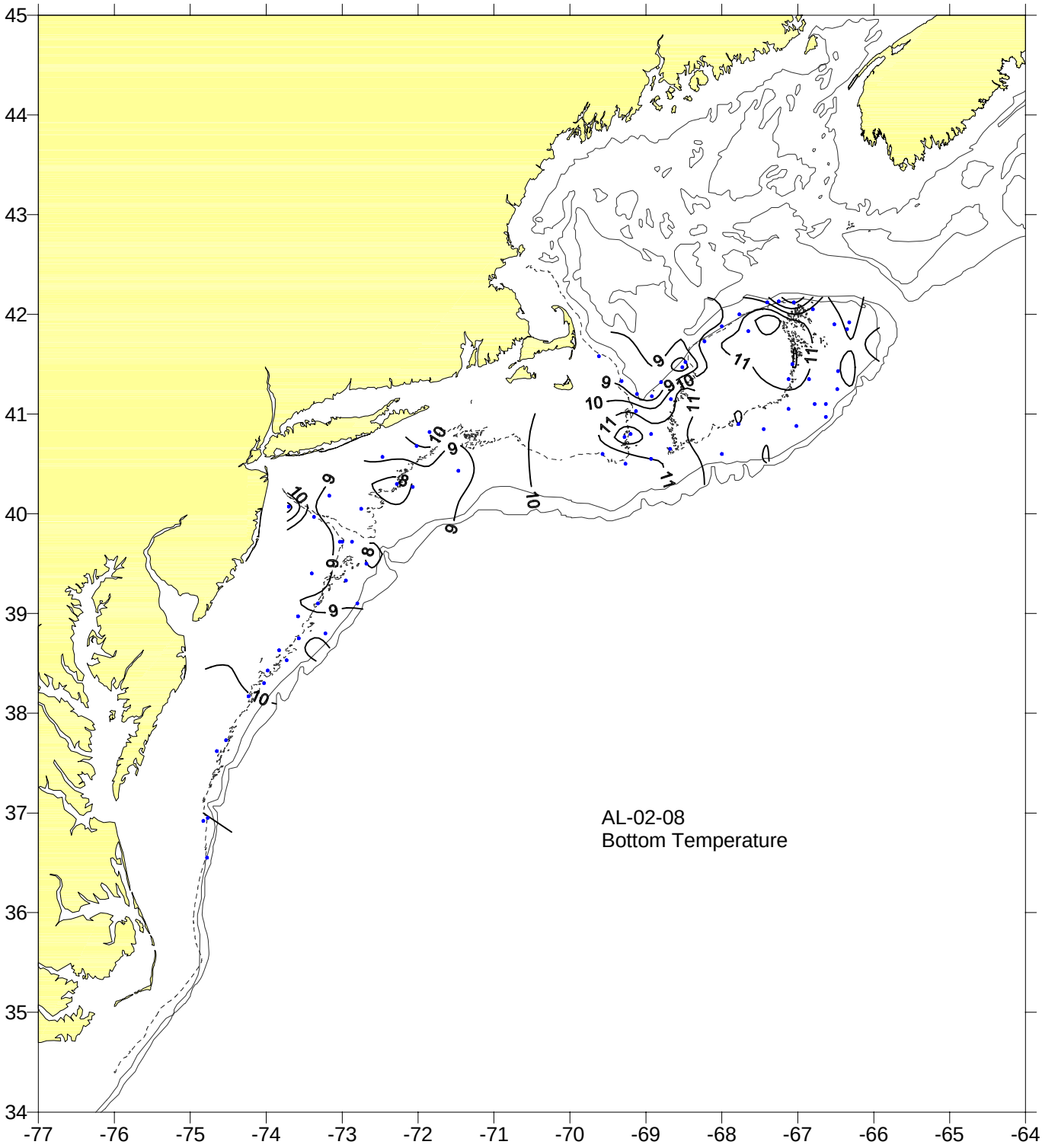
Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time Hh:Mm	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Metres From Btm.
62	227	4026.6	7128.8	2	8	2002	6:30	73	23.2	32.24	8.4	33.19	4
63	230	4041.2	6949.3	2	8	2002	15:48	52	17.7	32.38	11.6	32.71	5
64	233	4036.0	6934.4	2	8	2002	18:23	60	16.1	32.38	11.0	32.86	4
65	236	4028.8	6933.8	2	8	2002	22:12	66	20.9	33.65	10.1	33.00	6
66	239	4030.9	6916.1	3	8	2002	1:00	68	20.9	33.18	10.1	33.12	5
67	242	4040.5	6916.3	3	8	2002	4:30	48	15.5	32.57	12.2	32.94	4
68	245	4046.3	6917.0	3	8	2002	7:05	56	19.5	33.46	12.8	33.03	4
69	248	4059.2	6908.9	3	8	2002	10:00	66	17.9	33.04	10.4	32.76	6
70	251	4048.1	6912.7	4	8	2002	0:18	66	18.2	33.32	12.7	33.11	6
71	254	4040.9	6913.1	4	8	2002	2:47	56	20.1	33.60	12.0	33.15	6
72	257	4033.5	6856.7	4	8	2002	6:00	72	17.8	32.98	10.9	32.93	4
73	260	4041.1	6846.9	4	8	2002	8:48	65	20.0	32.67	10.8	33.00	5
74	263	4048.3	6856.9	4	8	2002	11:00	70	18.3	32.67	12.0	32.80	5
75	266	4053.2	6845.7	4	8	2002	14:18	62	17.0	32.65	13.5	32.71	7
76	269	4039.0	6841.3	4	8	2002	17:53	62	21.2	32.78	11.1	32.85	4
77	272	4026.0	6823.0	4	8	2002	21:17	102	22.7	33.33	12.1	34.64	6
78	275	4036.4	6800.9	5	8	2002	0:24	88	22.2	33.86	10.9	34.02	4
79	278	4043.5	6802.8	5	8	2002	3:00	75	20.5	32.66	10.6	33.03	4
80	281	4054.3	6747.4	5	8	2002	7:41	62	19.1	32.48	11.5	32.73	5
81	284	4053.6	6739.3	5	8	2002	9:48	69	20.9	32.61	10.5	32.99	4
82	287	4051.5	6727.6	5	8	2002	13:11	80	20.5	32.77	10.3	33.17	4
83	290	4043.2	6716.6	5	8	2002	16:53	97	23.4	34.29	12.7	34.86	4
84	294	4053.5	6701.4	5	8	2002	20:17	86	21.3	33.23	10.7	33.83	4
85	297	4056.4	6651.3	5	8	2002	23:00	86	19.6	32.43	10.7	34.03	0
86	300	4058.9	6638.1	6	8	2002	1:36	85	19.9	32.52	10.7	34.20	5
87	303	4059.0	6710.2	6	8	2002	5:41	75	18.9	32.51	10.0	33.06	3
88	306	4103.6	6707.5	6	8	2002	8:36	65	19.0	32.50	10.8	32.85	4
89	309	4106.3	6700.7	6	8	2002	12:06	67	18.8	32.40	10.4	32.92	4
92	315	4121.4	6707.2	6	8	2002	17:53	58	15.0	32.35	12.7	32.62	4
93	318	4114.1	6655.3	6	8	2002	21:00	69	17.7	32.37	10.4	32.86	4
94	321	4106.1	6647.4	6	8	2002	23:30	72	17.1	32.30	9.9	32.95	6
95	324	4107.0	6631.1	7	8	2002	2:24	92	16.1	32.42	10.7	34.12	4
96	327	4106.6	6638.8	7	8	2002	5:11	82	17.6	32.27	9.1	33.12	3
97	330	4116.1	6644.8	7	8	2002	8:06	74	16.7	32.43	10.8	32.77	4
98	333	4115.9	6629.2	7	8	2002	11:00	92	16.6	32.59	9.3	33.36	4

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time Hh:Mm	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Metres From Btm.
99	337	4136.9	6626.7	7	8	2002	14:41	84	15.6	32.49	9.3	32.85	4
100	339	4126.4	6628.9	7	8	2002	16:47	93	17.1	32.51	8.7	33.19	4
101	342	4123.3	6636.8	7	8	2002	19:17	85	17.1	32.45	9.6	32.89	4
102	345	4121.1	6651.4	7	8	2002	21:47	71	16.8	32.48	11.1	32.73	5
103	348	4126.4	6652.0	8	8	2002	0:48	71	15.9	32.55	11.3	32.70	5
104	351	4130.5	6704.0	8	8	2002	3:30	59	16.1	32.49	12.5	32.63	6
105	354	4136.0	6703.1	8	8	2002	6:41	62	14.0	32.55	13.6	32.57	5
106	357	4151.6	6621.1	8	8	2002	11:36	82	16.7	32.27	10.1	32.76	6
107	360	4142.2	6556.1	8	8	2002	15:11	105	21.2	34.28	12.0	34.96	5
108	363	4155.5	6619.1	8	8	2002	19:36	80	17.8	32.34	9.8	32.77	5
109	367	4201.8	6623.1	8	8	2002	23:42	84	17.8	32.31	8.3	32.92	5
110	369	4154.1	6631.7	9	8	2002	2:05	81	17.1	32.34	12.0	32.69	5
111	374	4203.0	6634.0	9	8	2002	5:48	78	17.2	32.31	10.5	32.78	4
112	377	4203.1	6648.3	9	8	2002	9:06	72	18.0	32.36	8.8	32.91	4
113	380	4209.7	6701.7	9	8	2002	12:06	92	18.0	32.41	6.8	33.11	6
114	383	4207.4	6703.9	9	8	2002	14:53	63	15.2	32.60	10.3	32.79	6
115	386	4203.6	6707.9	9	8	2002	17:36	54	16.5	32.72	15.1	32.61	4
116	390	4208.0	6715.9	9	8	2002	22:00	86	16.4	32.48	6.6	33.25	1
117	393	4200.3	6722.0	10	8	2002	1:00	50	15.7	32.57	15.7	32.57	2
118	396	4207.3	6724.0	10	8	2002	3:47	105	15.9	32.61	7.8	32.96	4
119	399	4203.5	6727.9	10	8	2002	6:00	56	16.0	32.60	12.7	32.74	5
120	402	4150.7	6739.0	10	8	2002	9:30	36	16.3	32.61	16.1	32.62	5
121	405	4204.0	6736.8	10	8	2002	12:30	145	17.3	32.61	7.7	33.05	4
122	408	4200.3	6746.6	10	8	2002	14:48	95	18.0	32.48	10.1	32.90	5
123	412	4151.3	6754.7	10	8	2002	18:12	54	16.4	32.71	13.7	32.71	4
124	415	4153.8	6800.2	10	8	2002	20:12	100	18.1	32.43	6.5	33.23	5
125	418	4148.5	6804.0	10	8	2002	22:12	58	16.7	32.62	8.4	32.79	6
126	421	4144.2	6814.3	11	8	2002	0:41	53	15.4	32.68	12.2	32.76	5
127	424	4142.1	6824.2	11	8	2002	2:42	102	16.2	32.64	7.0	32.83	4
128	429	4131.8	6829.3	11	8	2002	7:35	85	18.1	32.80	8.4	32.76	4
129	432	4118.8	6826.8	11	8	2002	10:11	60	14.7	32.69	14.3	32.70	0
130	436	4128.0	6831.5	11	8	2002	13:06	91	16.0	9999	7.4	32.76	4
131	440	4122.2	6840.8	11	8	2002	16:17	96	17.8	32.27	8.5	32.73	3
132	443	4119.3	6848.7	11	8	2002	18:30	113	20.3	31.81	6.4	32.81	4
133	447	4113.9	6845.3	11	8	2002	22:00	71	18.5	32.31	8.2	32.69	4

Cast #	Sta #	Lat	Lon	Day	Mo	Year	Time Hh:Mm	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Metres From Btm.
134	451	4109.3	6840.8	12	8	2002	1:06	64	15.2	32.70	14.4	32.68	4
135	454	4107.2	6846.0	12	8	2002	4:11	73	15.4	32.62	14.6	32.66	4
136	458	4111.6	6855.8	12	8	2002	7:41	102	14.5	32.75	6.9	32.72	4
137	465	4105.7	6901.0	12	8	2002	13:11	94	12.1	32.43	7.1	32.67	4
138	472	4102.2	6908.3	12	8	2002	18:30	71	17.4	32.63	12.9	32.84	4
139	478	4102.6	6916.8	13	8	2002	2:05	56	11.7	32.33	11.7	32.45	6
140	488	4112.0	6907.0	14	8	2002	6:11	108	13.1	32.26	6.6	32.77	4
141	499	4112.2	6918.6	14	8	2002	17:12	55	13.1	32.36	9.1	32.49	4
142	510	4120.8	6919.3	15	8	2002	3:05	84	15.0	9999	6.7	32.68	4
143	516	4131.8	6924.4	15	8	2002	10:06	71	19.1	31.84	6.7	32.62	3
144	524	4135.0	6937.4	15	8	2002	16:23	50	16.9	31.93	7.2	32.43	4


AL-02-08
Scallop Survey
17 July - 15 August, 2002


AL-02-08
Surface Temperature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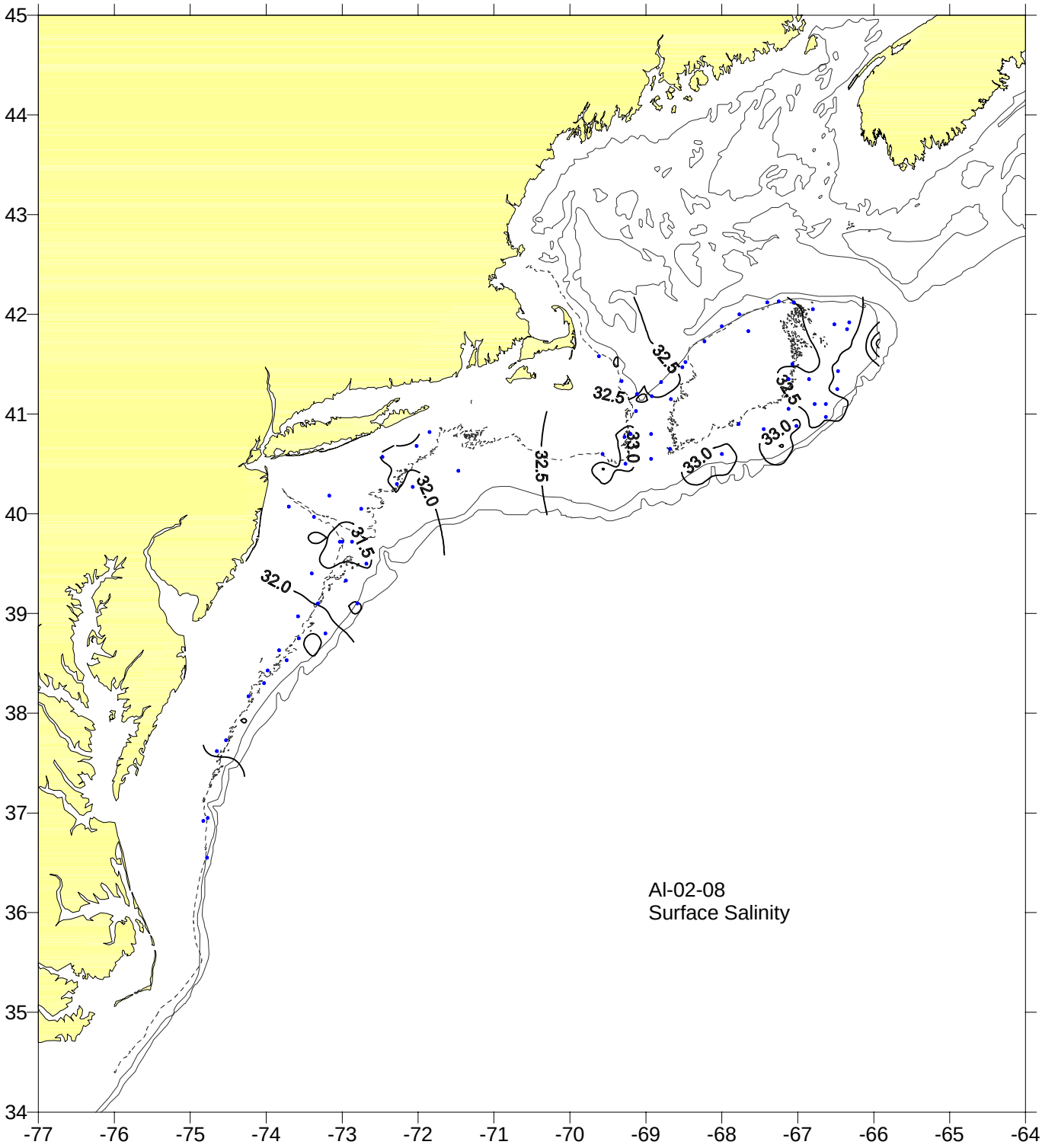
Bottom Temperature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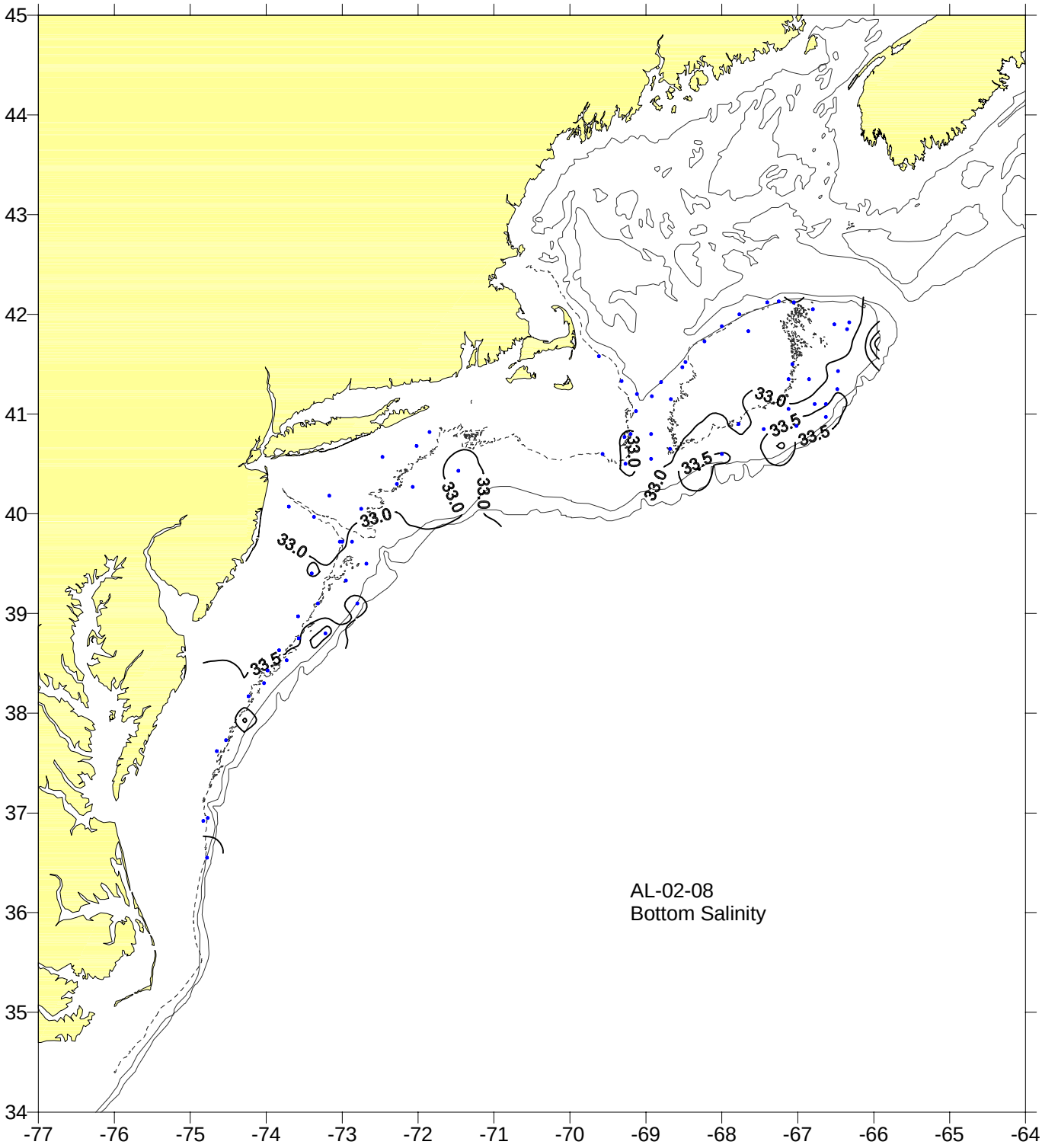
Surface Salinity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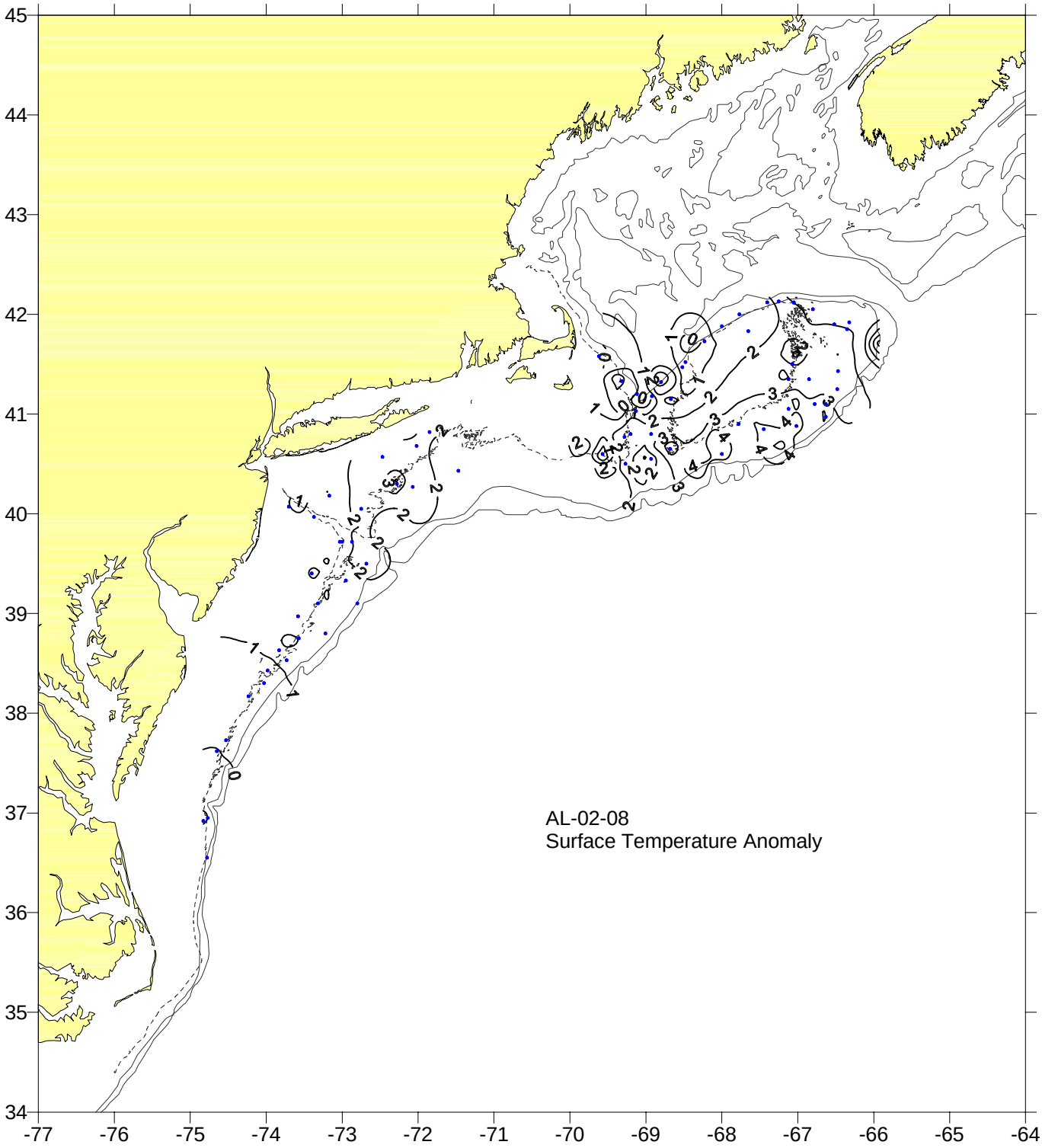
AL-02-08
Bottom Salinity


AL-02-08
Surface Temperature Anomaly
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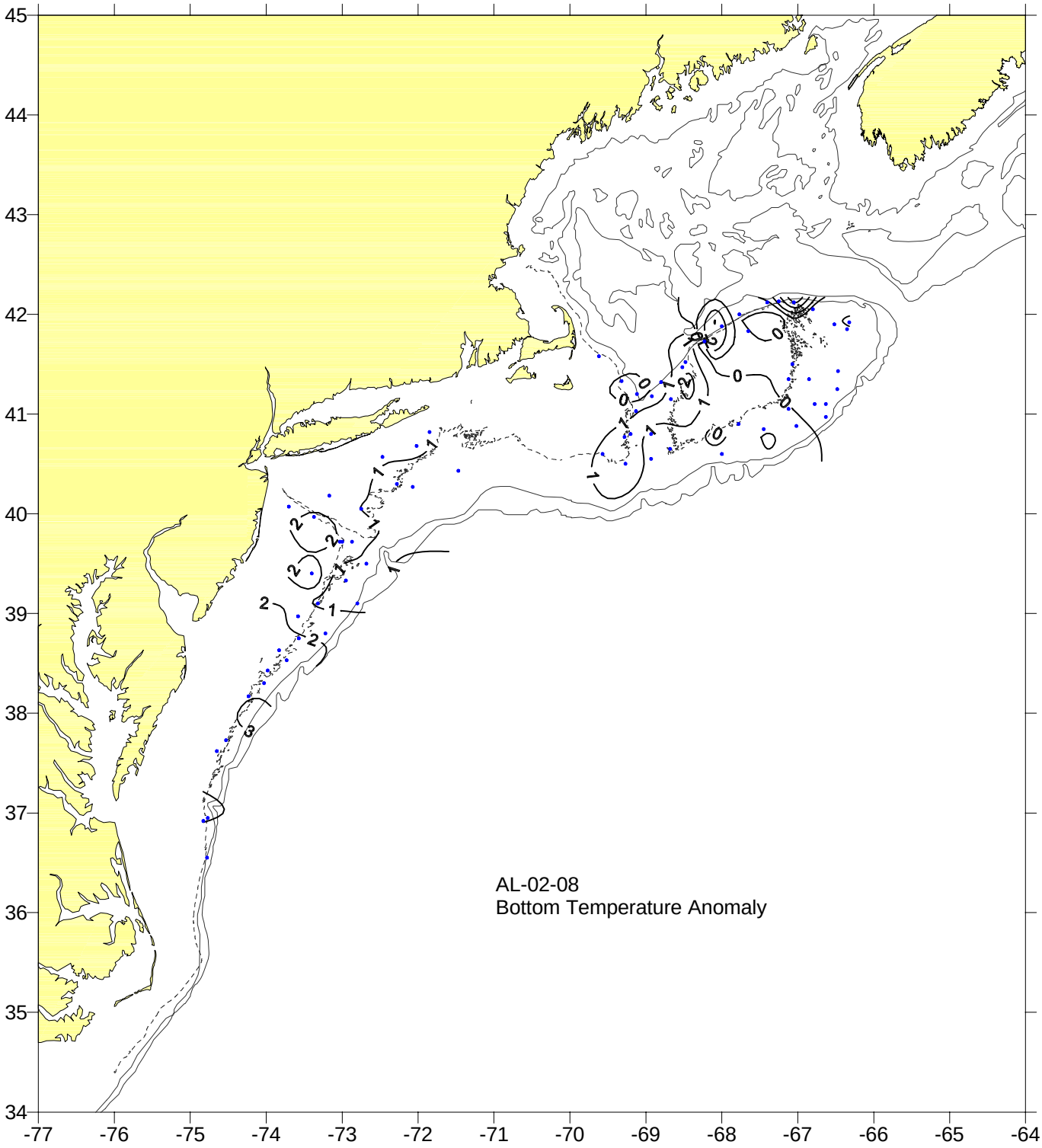
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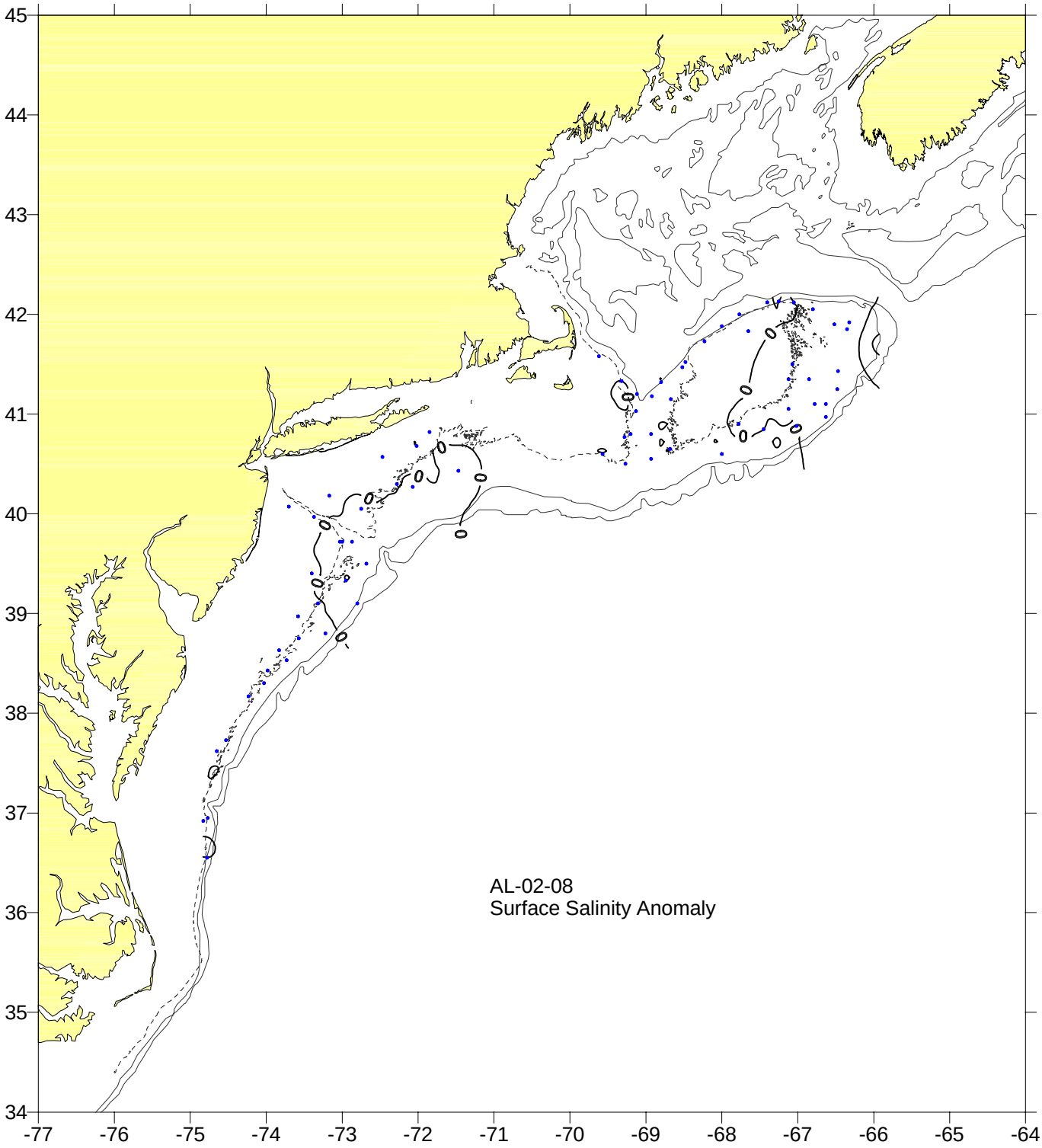
AL-02-08
Bottom Temperature Anomaly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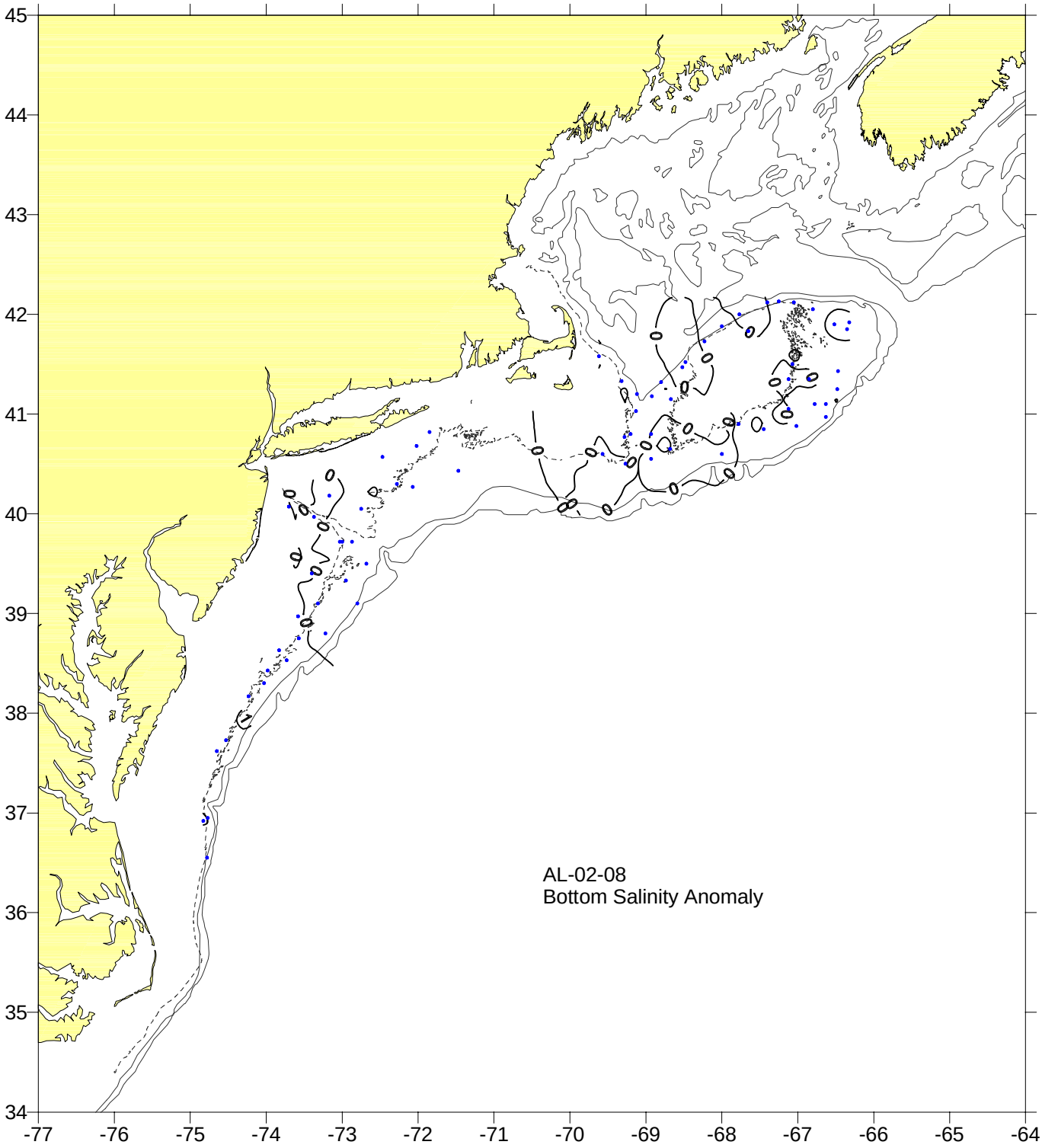
AL-02-08
Surface Salinity Anomaly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AL-02-08
Bottom Salinity Anomaly