

Oceanography Branch CTD Data Report
CTD_REPORT_2012007PC

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DATE: March 26, 2013

Oceanography Branch CTD Data Report

CTD_REPORT_2012007PC

NOAA Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543

PC 12-07
ECOMON

Data Coverage: October 26 – November 14, 2012
Mid Atlantic Bight, Georges Bank, Gulf of Maine

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's PC1207 ECOMON Survey aboard the NOAA FSV *Pisces*. Data was obtained with a Seabird Electronics SBE Model 19+ profiling CTD (s/n 5305) and a Seabird Electronics SBE Model 9/11+ CTD (s/n 0912). Sea water samples were taken for the purpose of correcting salinity values for the 9/11+. No salinity correction was necessary.

Data presented here have been audited, however, corrections and/or updates may be applied at a later time. The most recent and complete station data can be found in an NODC formatted ASCII file at:
<ftp://ftp.nefsc.noaa.gov/pub/hydro/pc1207.dat>

This report may be viewed on the Oceanography Branch website at:

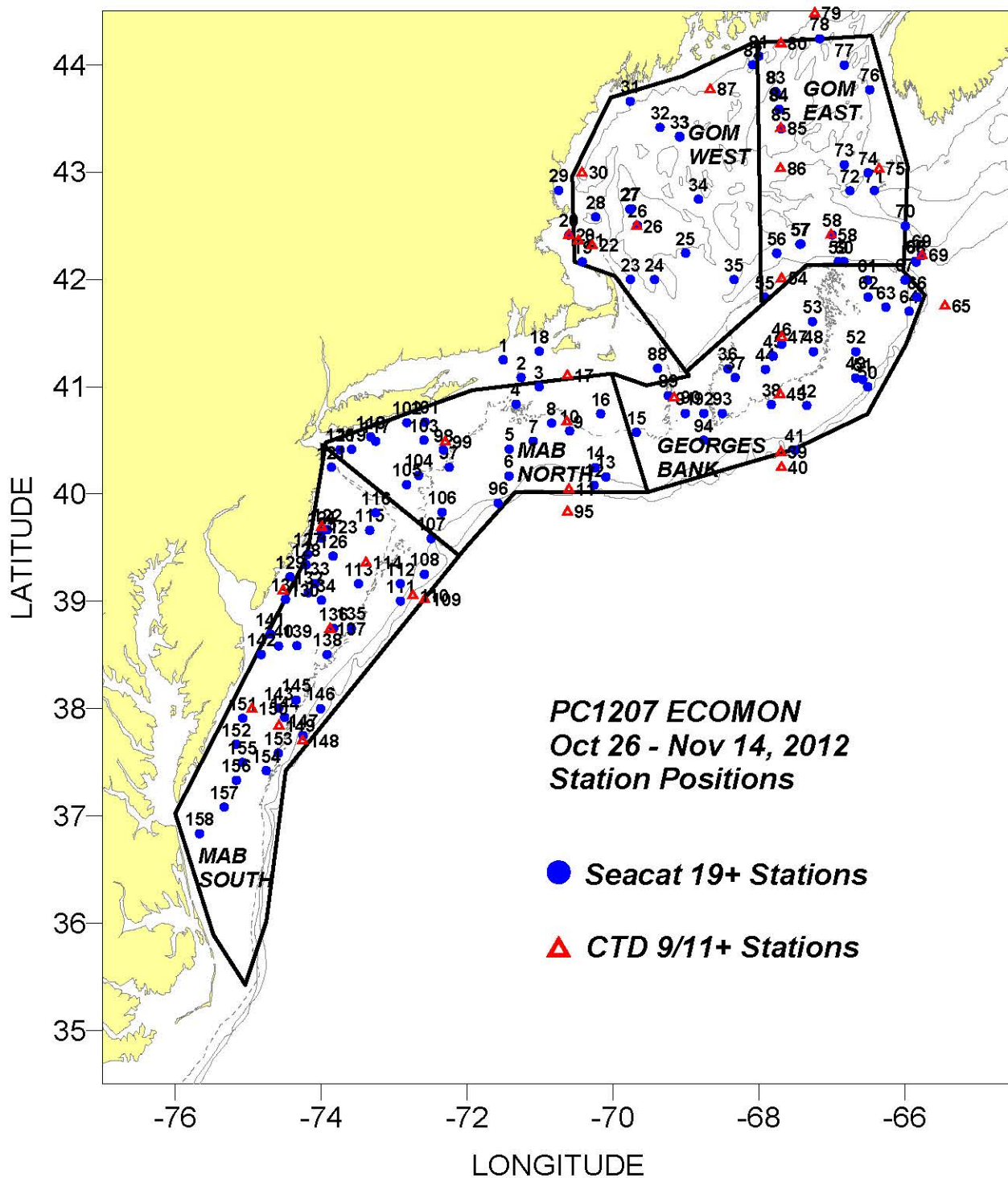
<http://www.nefsc.noaa.gov/HydroAtlas/>

choose: **2012 Cruises**

OCT_ECOMON_PC1207

CTD_REPORT_2012007PC.pdf

Revised: March 26, 2013



**Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the
PC1207 ECOMON Survey
October 26 - November 14, 2012**

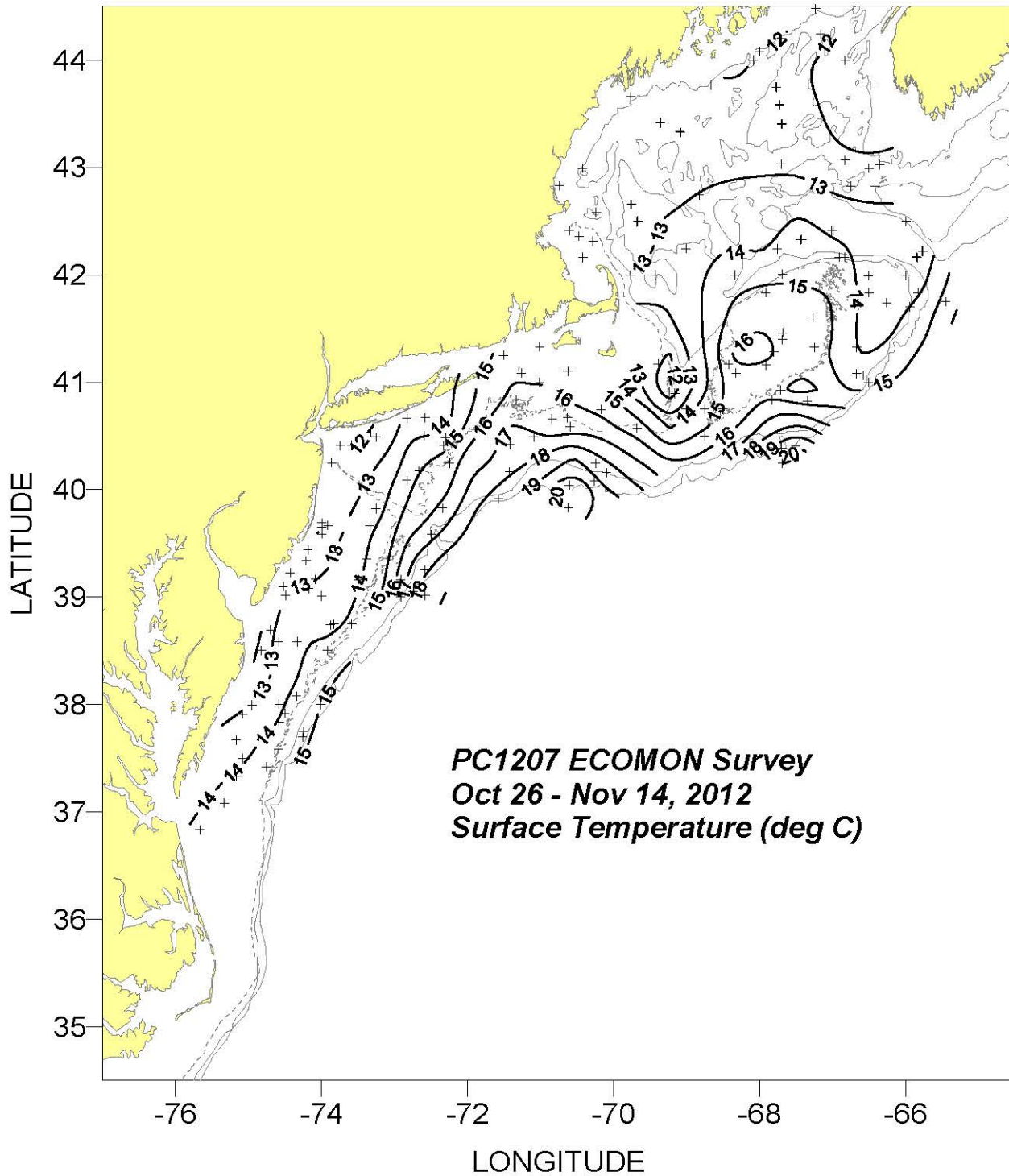
CRUISE	CD	SURFACE						BOTTOM						Purpose
		#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	
Western Gulf of Maine														
pc1207	308	16	12.97	2.07	0.23	0.85	0	14	9.44	1.73	0.20	1.03	0	22
pc1207	308	16	32.41	0.18	0.16	0.25	0	14	33.80	0.30	0.13	0.21	0	22
Eastern Gulf of Maine														
pc1207	311	21	12.74	1.85	0.21	0.60	0	16	10.27	1.70	0.23	1.20	0	22
pc1207	311	21	32.83	0.22	0.16	0.48	0	16	34.42	0.23	0.13	0.31	0	22
Georges Bank														
pc1207	310	25	14.99	2.11	0.20	1.26	0	23	13.87	1.97	0.23	1.41	0	22
pc1207	310	25	33.04	0.32	0.12	0.48	0	23	33.33	0.38	0.13	0.41	0	22
MAB North														
pc1207	308	29	15.89	1.55	0.25	1.65	0	25	14.84	1.68	0.28	1.44	0	22
pc1207	308	28	33.44	0.46	0.17	0.97	0	24	33.90	0.28	0.17	0.37	0	22
MAB South														
pc1207	318	46	14.01	-0.31	0.19	0.98	1	40	13.92	0.09	0.21	1.36	1	22
pc1207	318	46	32.72	-0.23	0.14	0.70	1	40	33.04	-0.04	0.13	0.54	1	22

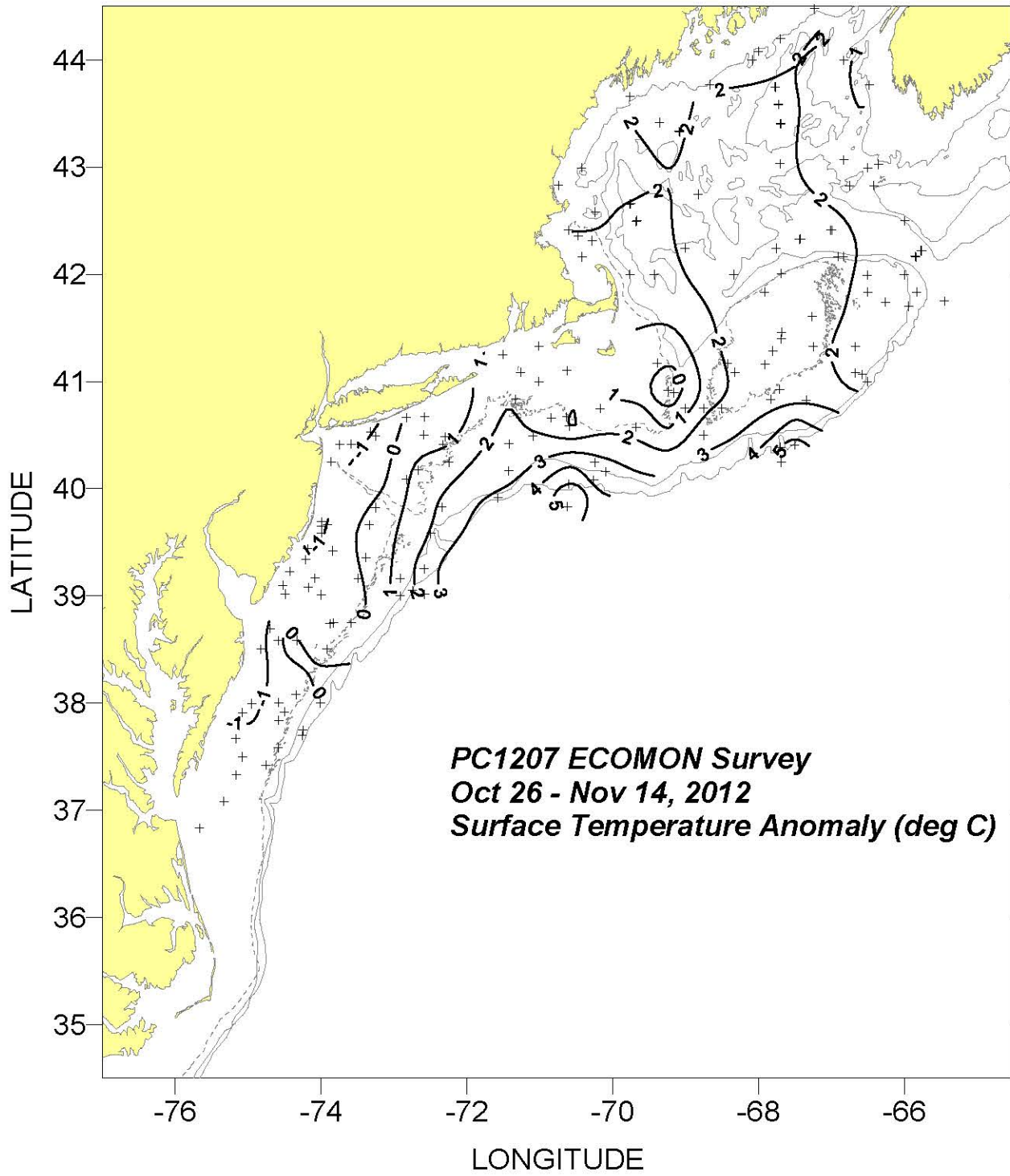
"CRUISE", the code name for a cruise: "CD", the calendar mid-date of all the stations within a region for a cruise:

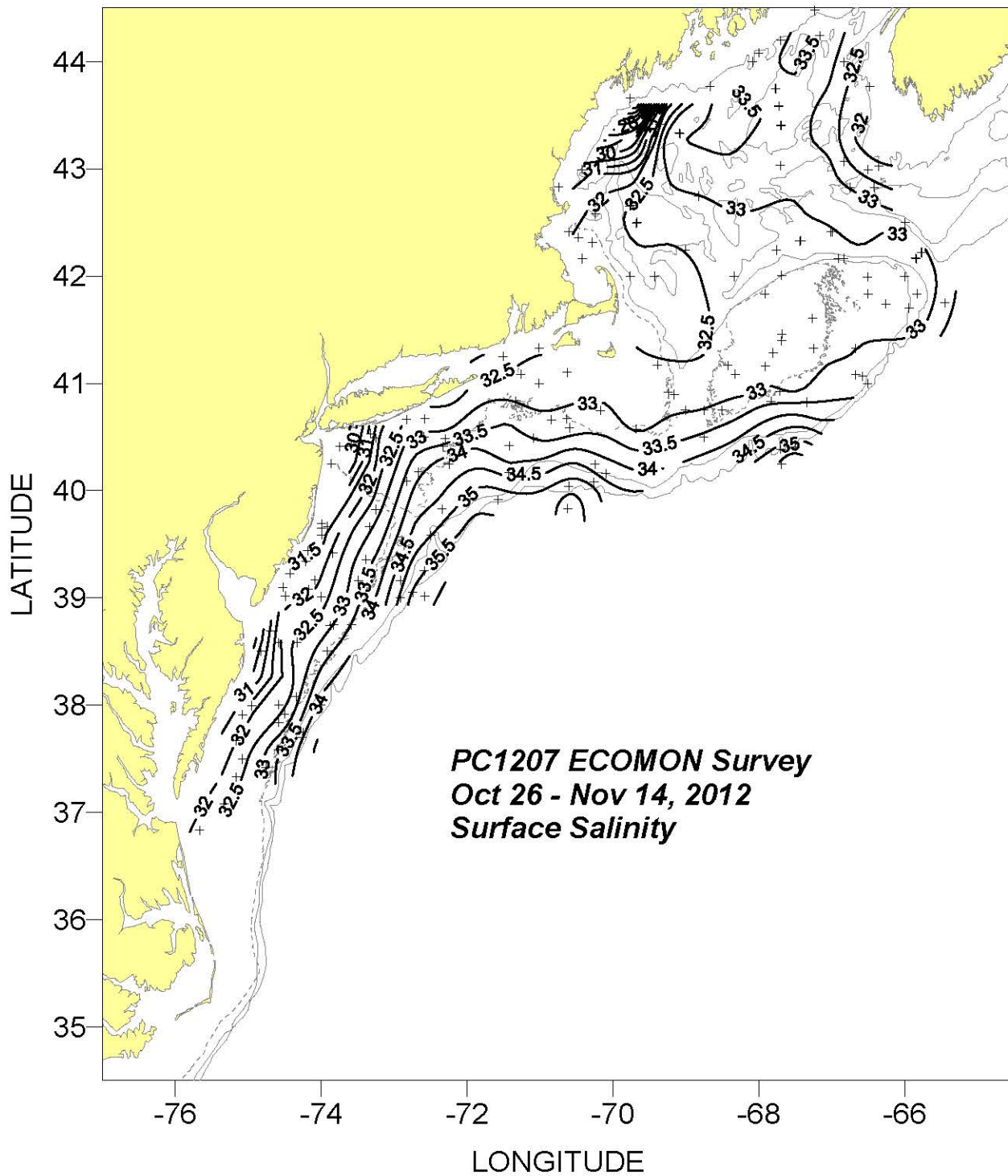
"#obs", the number of observations include in each average: "T/S", the areal average temp/salt: "Anomaly", the areal average temp/salt anomaly:

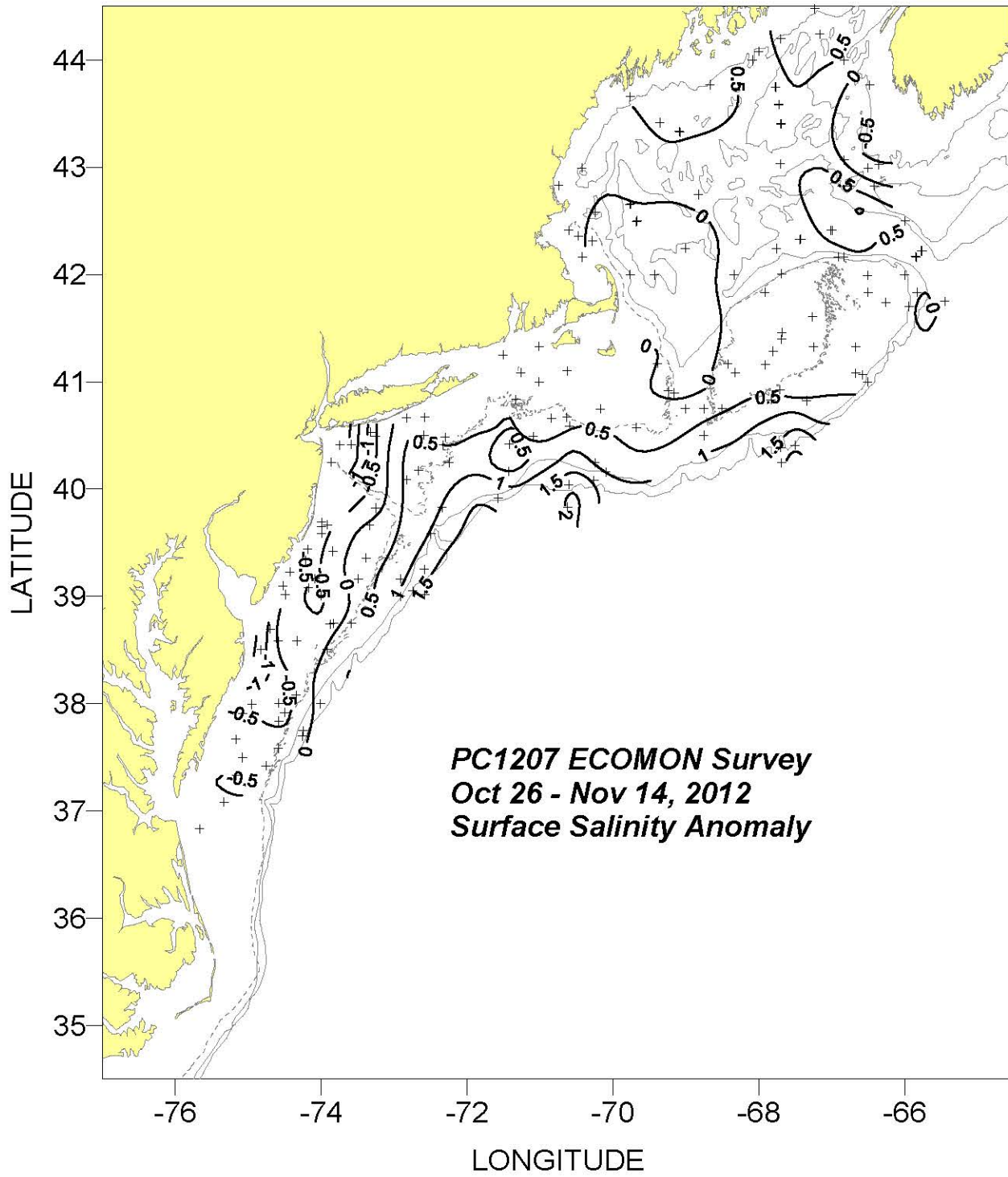
"SDV1", the standard deviation associated with the average temp/salt anomaly: "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived
"Flag", a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region.

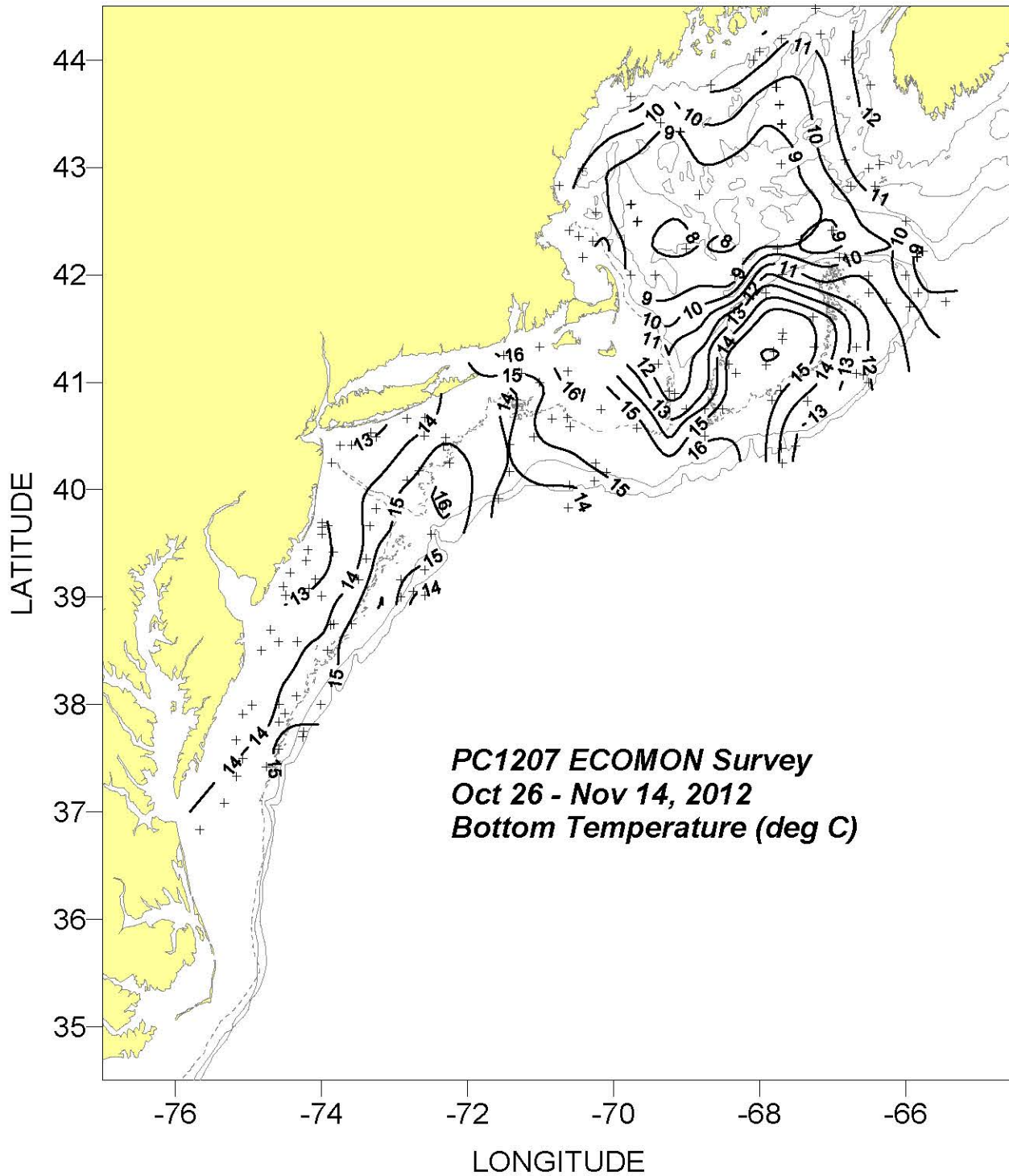
"Purpose", 2 digit code assigned by DMS to identify a unique NEFSC program survey.

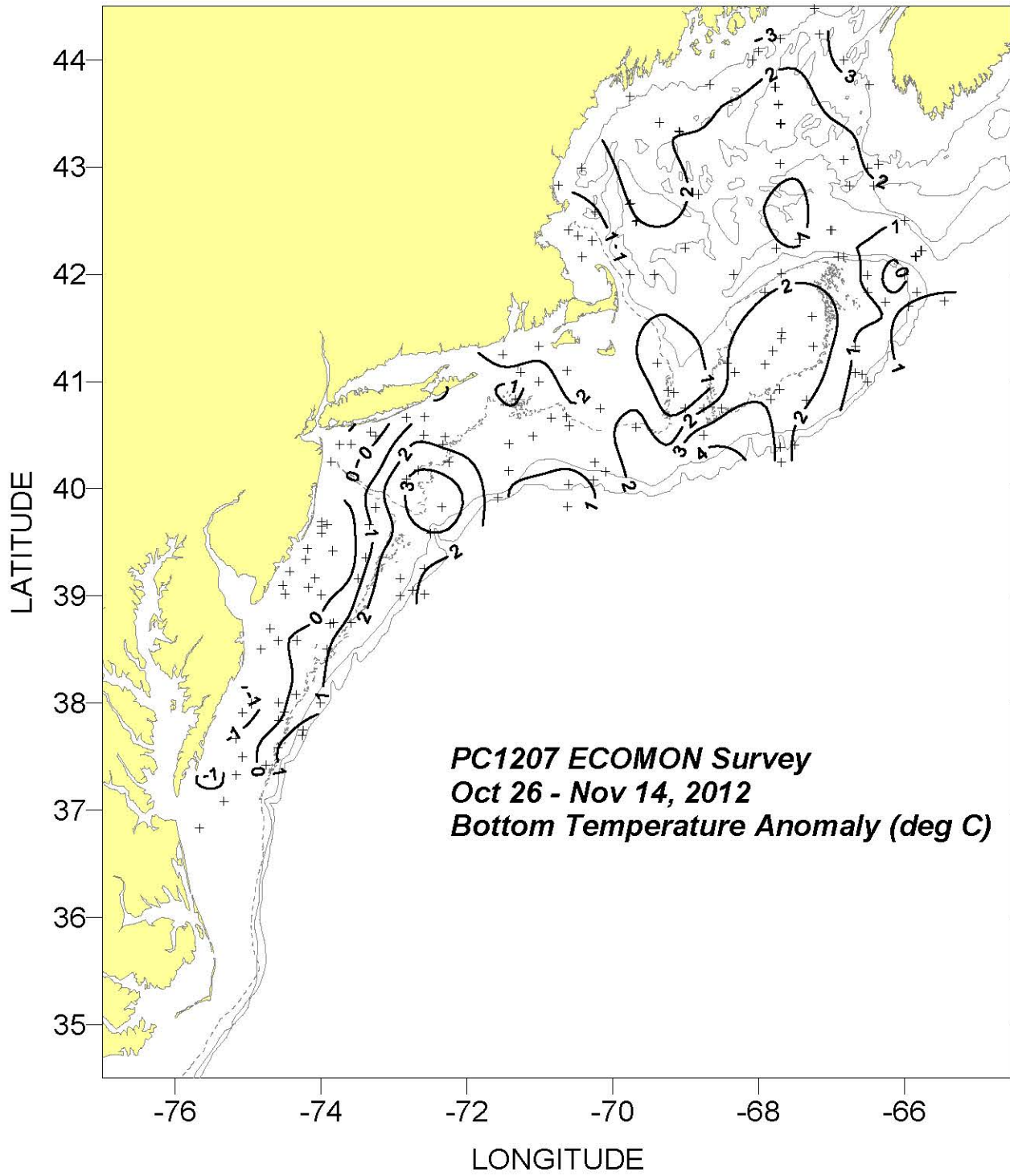


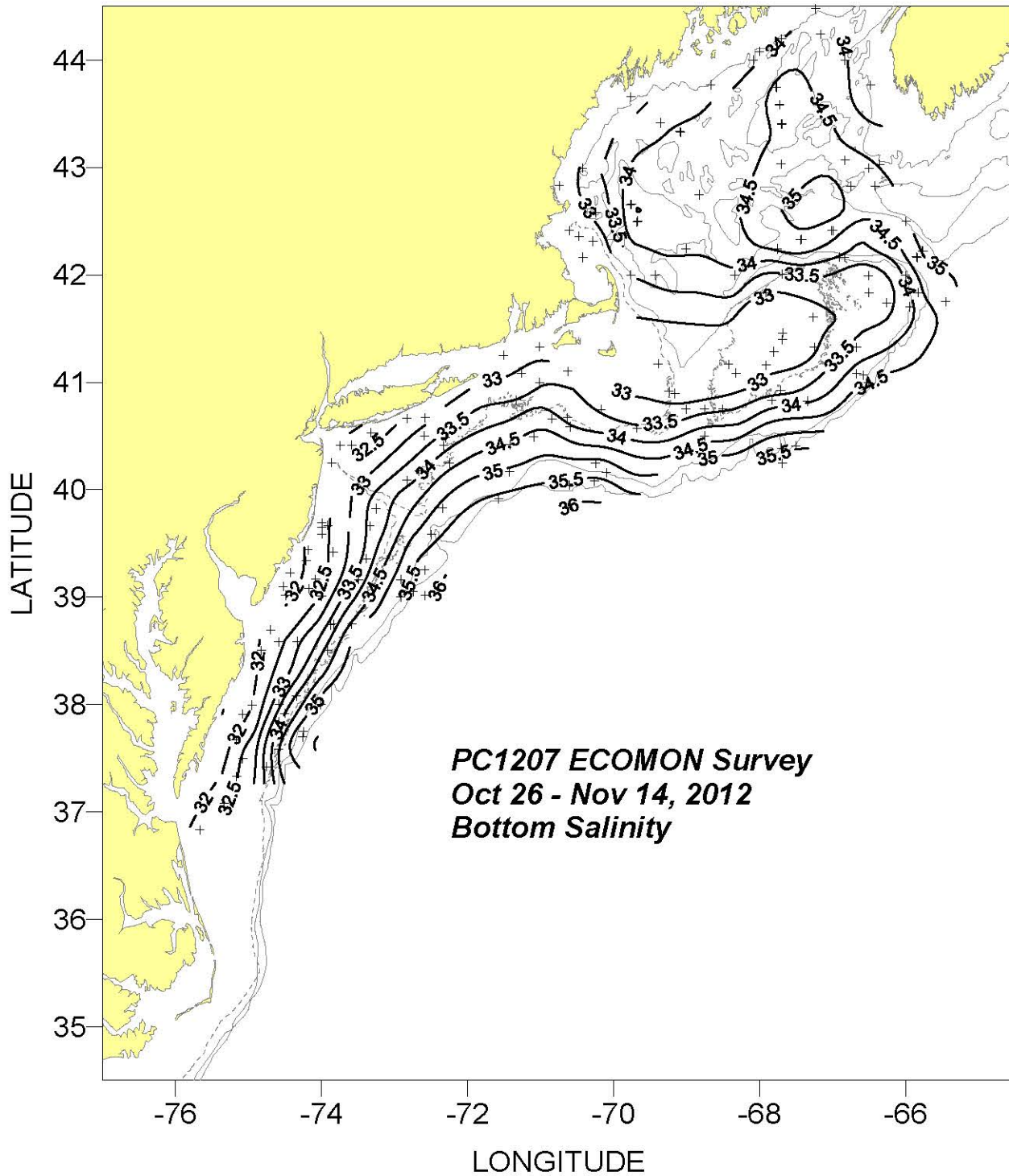


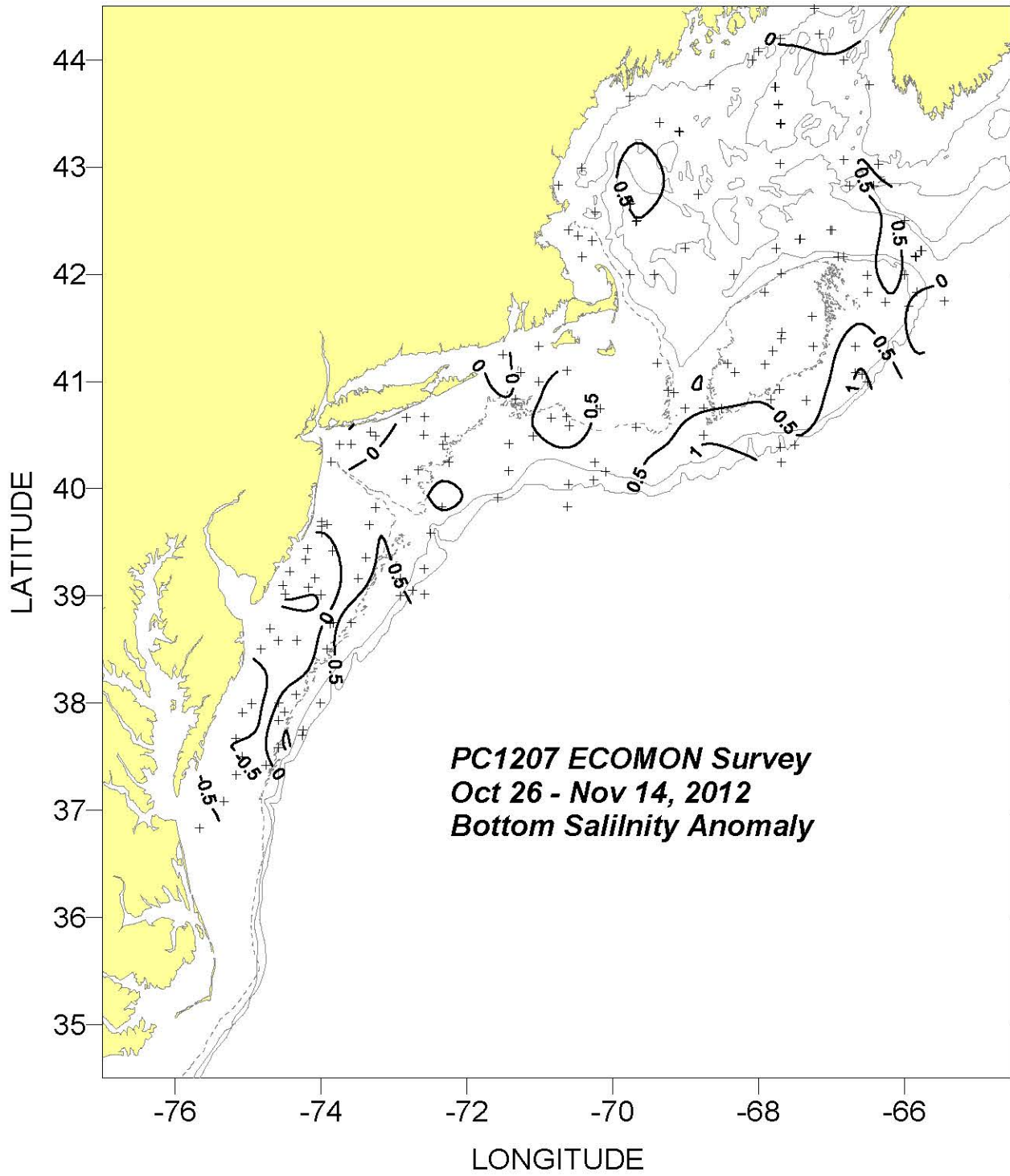












PC1207 ECOMON
October 26 - November 14, 2012

Cast #	Sta #	Lat (deg N)	Long (deg W)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (deg C)	Sfc Salt	Deepest Observed Temp (deg C)	Deepest Observed Salt	Meters from Bottom	Method of Deployment
1	1	4115.0	7130.3	26	10	2012	21:34	41	15.51	99.99	16.76	99.99	4	B
2	2	4105.1	7115.6	26	10	2012	23:28	35	15.83	99.99	15.74	99.99	4	B
3	3	4059.9	7100.7	27	10	2012	1:07	45	16.00	32.77	14.69	33.40	4	B
4	4	4050.2	7119.7	27	10	2012	3:10	56	16.23	32.93	12.45	33.34	4	B
5	5	4025.1	7125.3	27	10	2012	6:05	70	17.92	34.14	14.48	34.72	4	B
6	6	4010.0	7125.5	27	10	2012	8:07	85	17.29	33.87	13.56	34.92	2	B
7	7	4029.5	7105.6	27	10	2012	11:11	76	16.55	33.08	14.98	34.62	3	B
8	8	4039.6	7050.5	27	10	2012	13:08	65	16.51	33.18	16.19	34.38	5	B
1	9	4040.3	7037.9	27	10	2012	14:28	58	16.37	33.14	16.33	34.02	9	W
9	10	4035.2	7035.6	27	10	2012	15:15	62	16.27	33.14	15.70	33.99	4	B
2	11	4002.5	7036.2	27	10	2012	18:58	156	21.93	35.76	13.80	35.71	1	W
10	12	4004.9	7015.6	27	10	2012	21:07	155	18.96	34.52	14.01	35.77	5	B
11	13	4009.5	7005.8	27	10	2012	22:16	108	18.83	34.48	15.03	35.46	4	B
12	14	4014.7	7014.6	27	10	2012	23:13	95	18.02	34.08	15.51	35.09	4	B
13	15	4034.5	6940.8	28	10	2012	2:22	61	15.54	32.87	15.54	33.54	4	B
14	16	4044.9	7010.1	28	10	2012	4:33	37	15.65	33.08	15.83	33.18	6	B
3	17	4106.2	7037.5	28	10	2012	7:00	40	15.71	32.77	16.68	33.39	5	W
15	18	4119.8	7100.6	1	11	2012	15:04	30	15.35	32.41	15.72	32.72	8	B
16	19	4209.8	7025.3	1	11	2012	20:45	65	12.65	32.10	9.76	32.67	3	B
17	20	4224.8	7036.3	1	11	2012	22:22	84	12.39	32.20	8.93	32.80	2	B
4	20	4224.7	7036.3	1	11	2012	22:43	83	12.38	32.20	8.92	32.80	1	W
5	21	4221.6	7028.5	1	11	2012	23:40	78	12.25	32.24	9.23	32.78	1	W
6	22	4218.9	7017.0	2	11	2012	0:46	33	11.85	32.30	11.54	32.37	2	W
18	23	4200.0	6945.7	2	11	2012	3:22	153	13.00	32.41	8.04	33.45	10	B
19	24	4159.9	6925.8	2	11	2012	4:58	131	13.67	32.42	7.83	33.71	1	B
20	25	4214.7	6900.3	2	11	2012	7:13	179	13.56	32.38	8.04	34.11	5	B
21	26	4230.1	6940.0	2	11	2012	10:22	260	12.15	32.51	8.24	34.36	58	B
7	26	4229.6	6940.6	2	11	2012	10:49	259	12.18	32.51	8.30	34.46	6	W
22	27	4239.5	6945.0	2	11	2012	12:03	239	13.08	32.58	8.30	34.42	37	B
23	27	4239.3	6946.1	2	11	2012	12:28	245	13.09	32.57	8.29	34.49	5	V
24	28	4234.9	7014.3	2	11	2012	14:26	66	12.42	32.25	9.18	32.94	5	B
25	29	4249.8	7044.7	2	11	2012	16:47	37	12.24	29.57	11.96	32.41	7	B
8	30	4259.6	7025.5	2	11	2012	18:31	104	12.53	32.44	9.26	33.22	2	W
26	31	4339.6	6945.9	2	11	2012	23:04	44	12.59	23.13	12.21	33.20	5	B
27	32	4325.0	6921.2	3	11	2012	1:12	172	12.65	33.43	8.34	33.89	4	B
28	33	4320.0	6905.3	3	11	2012	2:37	154	12.68	33.37	9.22	34.06	3	B

PC1207 ECOMON
October 26 - November 14, 2012

Cast #	Sta #	Lat (deg N)	Long (deg W)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (deg C)	Sfc Salt	Deepest Observed Temp (deg C)	Deepest Observed Salt	Meters from Bottom	Method of Deployment
29	33	4319.7	6904.8	3	11	2012	3:46	153	12.68	33.37	9.33	34.08	7	B
30	34	4244.8	6849.7	3	11	2012	6:55	153	12.96	32.91	8.64	34.07	1	B
31	35	4159.9	6820.3	3	11	2012	11:06	181	14.53	32.76	8.03	34.01	5	B
32	36	4110.0	6825.4	3	11	2012	15:21	41	16.12	32.62	15.97	32.65	6	B
33	37	4105.1	6819.5	3	11	2012	16:08	42	16.27	32.60	16.26	32.60	4	B
34	38	4050.0	6749.7	3	11	2012	18:28	67	15.29	33.32	18.69	34.78	10	B
9	39	4023.3	6741.8	3	11	2012	20:51	209	20.00	35.28	14.37	35.88	14	W
10	40	4014.8	6741.4	3	11	2012	22:04	992	20.99	35.75	5.85	35.01	485	W
35	41	4024.5	6730.2	3	11	2012	23:55	203	20.96	35.70	12.13	35.53	10	B
36	42	4049.5	6720.5	4	11	2012	2:22	89	14.55	33.04	13.60	33.78	3	B
11	43	4055.7	6742.5	4	11	2012	4:15	66	14.62	32.96	15.09	33.25	3	W
37	44	4109.7	6754.6	4	11	2012	5:46	53	16.00	32.69	16.03	32.68	5	B
38	45	4117.1	6748.3	4	11	2012	6:45	43	16.11	32.66	16.13	32.66	3	B
39	46	4123.8	6741.2	4	11	2012	7:39	40	16.36	32.56	16.36	32.56	3	B
12	47	4127.6	6741.1	4	11	2012	8:15	36	16.14	32.58	16.15	32.58	6	W
40	48	4119.6	6715.0	4	11	2012	9:52	49	15.59	32.78	15.60	32.78	3	B
41	49	4104.8	6640.4	4	11	2012	12:13	81	14.64	33.21	12.30	34.18	5	B
42	50	4060.0	6630.4	4	11	2012	13:08	116	14.55	33.21	12.17	34.81	2	B
43	51	4104.0	6634.7	4	11	2012	13:52	91	14.23	32.95	12.16	34.17	4	B
44	52	4119.6	6640.3	4	11	2012	15:30	83	13.94	33.05	12.28	33.66	5	B
45	53	4136.4	6716.0	4	11	2012	18:17	52	15.84	32.70	15.81	32.70	7	B
13	54	4200.4	6741.3	4	11	2012	21:25	63	14.17	32.54	10.39	33.14	5	W
46	55	4150.0	6755.0	4	11	2012	22:51	48	15.41	32.65	14.76	32.76	7	B
47	56	4214.4	6745.3	5	11	2012	0:58	231	13.87	32.66	8.41	34.56	28	B
48	56	4214.7	6745.3	5	11	2012	1:21	230	13.90	32.65	8.87	34.91	2	V
49	57	4219.8	6725.4	5	11	2012	2:40	312	14.83	32.78	9.50	35.02	109	B
50	57	4219.7	6726.2	5	11	2012	3:01	311	14.84	32.78	8.80	35.12	1	V
51	58	4224.9	6659.8	5	11	2012	4:49	367	13.73	32.89	9.36	35.18	164	B
14	58	4224.8	6700.6	5	11	2012	5:20	367	13.55	32.95	8.78	35.13	8	W
52	59	4210.0	6654.6	5	11	2012	6:52	122	14.57	32.69	8.03	33.58	3	B
53	60	4210.0	6650.0	5	11	2012	7:28	134	14.36	32.73	8.17	33.58	3	B
54	61	4159.6	6630.4	5	11	2012	9:10	87	13.76	32.72	11.38	33.13	3	B
55	62	4150.1	6630.2	5	11	2012	10:04	75	13.40	32.78	11.92	33.09	1	B
56	63	4144.5	6615.6	5	11	2012	11:10	87	13.69	33.03	10.99	33.42	3	B
57	64	4142.2	6556.4	5	11	2012	12:28	107	13.59	32.46	10.44	33.52	4	B
15	65	4145.1	6526.9	5	11	2012	14:28	1881	16.05	33.58	6.19	35.05	1374	W
58	66	4150.0	6549.8	5	11	2012	16:23	133	13.60	32.38	9.27	34.37	7	B

PC1207 ECOMON
October 26 - November 14, 2012

Cast #	Sta #	Lat (deg N)	Long (deg W)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (deg C)	Sfc Salt	Deepest Observed Temp (deg C)	Deepest Observed Salt	Meters from Bottom	Method of Deployment
59	67	4159.7	6559.8	5	11	2012	17:31	101	13.40	32.69	9.00	33.78	8	B
60	68	4209.7	6550.4	5	11	2012	20:13	250	13.56	32.79	10.46	35.28	49	B
61	68	4210.2	6551.1	5	11	2012	20:37	247	13.59	32.79	8.76	35.14	2	V
62	69	4213.3	6546.2	5	11	2012	21:21	225	13.41	32.99	9.54	35.16	22	B
16	69	4213.3	6545.8	5	11	2012	21:58	226	13.35	32.95	8.02	35.11	1	W
63	70	4229.9	6559.5	6	11	2012	0:13	165	13.46	32.95	10.38	35.05	5	B
64	71	4249.7	6624.9	6	11	2012	2:40	115	12.63	33.44	11.82	34.54	9	B
65	72	4249.6	6645.0	6	11	2012	4:00	221	12.78	33.55	10.50	35.14	11	B
66	73	4304.2	6649.7	6	11	2012	5:39	167	12.01	32.80	11.35	34.64	8	B
67	74	4259.6	6630.2	6	11	2012	7:19	132	12.29	31.49	11.66	34.64	9	B
17	75	4301.7	6621.1	6	11	2012	8:30	135	11.96	31.32	11.97	34.20	5	W
68	76	4346.1	6628.9	6	11	2012	12:18	80	11.27	32.00	12.38	33.45	4	B
69	77	4359.9	6649.7	6	11	2012	14:10	119	11.22	32.69	12.12	34.16	3	B
70	78	4414.6	6709.9	6	11	2012	16:06	157	12.48	33.77	10.47	34.36	8	B
18	79	4428.7	6713.9	6	11	2012	17:40	124	11.99	33.36	12.07	33.53	2	W
19	80	4411.9	6741.8	6	11	2012	20:07	140	11.87	33.56	11.32	34.09	5	W
71	81	4404.9	6760.0	6	11	2012	21:32	101	11.98	33.09	11.97	33.65	8	B
72	82	4360.0	6805.0	6	11	2012	22:15	112	11.91	33.48	11.62	33.82	6	B
73	83	4344.9	6745.9	7	11	2012	0:09	226	12.42	33.45	9.26	34.67	24	B
74	83	4345.0	6746.5	7	11	2012	0:38	225	12.41	33.46	9.27	34.68	1	V
75	84	4335.3	6743.4	7	11	2012	1:43	237	12.53	33.34	9.20	34.68	1	V
76	84	4335.1	6743.6	7	11	2012	1:58	234	12.55	33.34	9.18	34.67	31	B
77	85	4324.3	6741.7	7	11	2012	3:17	246	12.61	33.20	8.79	34.57	44	B
20	85	4324.4	6742.0	7	11	2012	3:55	248	12.58	33.20	8.59	34.57	7	W
21	86	4302.0	6742.2	7	11	2012	6:09	189	12.78	33.15	8.75	34.46	6	W
22	87	4346.2	6840.0	7	11	2012	11:00	124	11.93	33.55	11.66	33.86	6	W
78	88	4110.3	6923.2	10	11	2012	6:07	46	11.58	32.52	11.59	32.52	3	B
79	89	4055.0	6914.4	10	11	2012	7:35	60	11.41	32.66	11.42	32.66	2	B
23	90	4053.8	6909.7	10	11	2012	8:10	64	11.44	32.66	11.37	32.70	1	W
80	91	4045.0	6900.5	10	11	2012	9:15	70	13.11	32.90	11.01	32.97	4	B
81	92	4045.1	6845.2	10	11	2012	10:23	66	14.47	32.81	13.35	32.87	1	B
82	93	4045.0	6830.1	10	11	2012	11:30	44	14.44	33.04	14.71	33.16	2	B
83	94	4030.0	6845.2	10	11	2012	13:04	69	15.29	33.70	17.36	34.73	3	B
24	95	3950.0	7037.3	10	11	2012	20:13	874	20.29	35.61	6.12	35.04	366	W
84	96	3954.9	7134.5	10	11	2012	23:55	174	18.81	35.65	13.40	35.72	8	B
85	97	4014.9	7214.7	11	11	2012	2:58	62	15.73	34.39	15.91	34.45	8	B
86	98	4024.6	7219.6	11	11	2012	3:55	57	14.45	33.40	14.66	33.59	7	B

PC1207 ECOMON
October 26 - November 14, 2012

Cast #	Sta #	Lat (deg N)	Long (deg W)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (deg C)	Sfc Salt	Deepest Observed Temp (deg C)	Deepest Observed Salt	Meters from Bottom	Method of Deployment
25	99	4029.1	7217.9	11	11	2012	4:31	55	13.97	33.02	14.62	33.58	5	W
87	101	4040.2	7234.7	11	11	2012	6:45	38	13.09	32.64	13.27	32.73	3	B
88	102	4039.8	7249.6	11	11	2012	7:46	31	13.55	32.71	13.54	32.70	3	B
89	103	4030.1	7235.5	11	11	2012	9:01	45	14.02	32.99	14.24	33.10	3	B
90	104	4010.4	7239.8	11	11	2012	10:37	58	15.03	33.92	15.07	33.93	4	B
91	105	4005.2	7249.7	11	11	2012	11:30	53	14.81	33.83	14.77	33.82	3	B
92	106	3949.7	7220.6	11	11	2012	13:36	88	15.96	34.55	16.73	35.13	7	B
93	107	3935.1	7229.6	11	11	2012	15:07	95	16.72	35.09	15.83	35.30	3	B
94	108	3915.1	7235.1	11	11	2012	16:49	144	18.57	35.82	14.25	35.73	8	B
27	109	3900.9	7234.9	11	11	2012	18:13	985	18.61	35.75	6.04	35.04	478	W
28	110	3903.1	7244.6	11	11	2012	19:27	205	18.48	35.83	12.70	35.62	2	W
95	111	3900.1	7254.8	11	11	2012	20:28	96	16.68	35.15	16.48	35.49	9	B
96	112	3909.8	7254.9	11	11	2012	21:28	86	15.38	34.30	17.38	35.53	9	B
97	113	3909.8	7329.3	11	11	2012	23:40	53	13.69	33.16	13.83	33.43	7	B
29	114	3921.5	7323.1	12	11	2012	1:01	48	14.08	33.57	13.90	33.61	2	W
98	115	3939.7	7320.1	12	11	2012	2:39	38	13.76	32.69	13.90	33.23	6	B
99	116	3949.4	7315.2	12	11	2012	3:37	44	13.60	32.71	14.68	33.89	8	B
100	117	4029.5	7315.2	12	11	2012	6:43	28	12.14	31.90	12.96	32.32	4	B
101	118	4031.9	7319.3	12	11	2012	7:13	25	11.45	31.64	12.29	31.96	4	B
102	119	4025.0	7335.0	12	11	2012	8:28	24	11.84	29.57	12.66	32.10	3	B
103	120	4024.7	7344.5	12	11	2012	9:15	26	11.60	28.49	13.18	32.14	4	B
104	121	4015.0	7351.6	12	11	2012	10:13	25	11.88	30.10	13.67	32.75	3	B
105	122	3940.0	7354.8	12	11	2012	12:55	27	12.56	31.72	13.06	32.69	4	B
30	123	3941.4	7359.6	12	11	2012	13:33	23	12.22	31.33	12.80	32.26	2	W
106	124	3938.8	7359.7	12	11	2012	13:55	24	12.29	31.38	12.93	32.41	3	B
107	125	3935.2	7359.6	12	11	2012	14:25	26	12.15	31.31	12.83	32.28	4	B
108	126	3925.2	7350.2	12	11	2012	15:34	30	13.12	32.37	13.13	32.81	4	B
109	127	3926.3	7411.1	12	11	2012	17:12	18	11.43	30.66	12.44	31.91	7	B
110	128	3920.3	7412.5	12	11	2012	17:49	19	12.20	31.58	12.04	31.72	8	B
111	129	3913.6	7425.6	12	11	2012	18:58	19	12.73	31.77	12.33	31.80	7	B
31	130	3905.9	7431.3	12	11	2012	19:58	23	12.70	31.69	12.39	31.72	3	W
112	131	3901.0	7429.3	12	11	2012	20:32	26	13.15	31.86	12.78	31.85	7	B
113	132	3904.8	7410.5	12	11	2012	21:55	32	13.43	32.06	13.12	32.13	6	B
114	133	3909.9	7405.1	12	11	2012	22:36	34	13.05	31.81	12.96	32.23	8	B
115	134	3900.6	7359.9	12	11	2012	23:31	39	13.54	32.13	13.16	32.44	7	B
116	135	3844.9	7335.2	13	11	2012	1:25	64	14.08	33.38	15.66	34.87	7	B
117	136	3844.8	7349.7	13	11	2012	2:30	46	13.96	33.20	13.95	33.58	6	B

PC1207 ECOMON
October 26 - November 14, 2012

Cast #	Sta #	Lat (deg N)	Long (deg W)	Day	Mo	Year	Time (GMT)	Btm Depth (m)	Sfc Temp (deg C)	Sfc Salt	Deepest Observed Temp (deg C)	Deepest Observed Salt	Meters from Bottom	Method of Deployment
32	137	3844.4	7352.7	13	11	2012	2:58	43	13.83	32.90	14.12	33.72	3	W
118	138	3830.2	7355.1	13	11	2012	4:15	53	14.23	33.35	14.54	34.09	7	B
119	139	3835.1	7419.9	13	11	2012	5:58	43	13.90	32.43	13.52	32.70	3	B
120	140	3835.0	7435.0	13	11	2012	7:05	30	13.92	32.27	13.89	32.47	4	B
121	141	3841.7	7441.9	13	11	2012	7:55	23	13.06	31.51	13.49	32.08	6	B
123	142	3830.3	7449.3	13	11	2012	9:28	30	11.46	29.50	13.52	32.19	8	B
124	143	3800.2	7434.9	13	11	2012	12:04	47	14.20	32.34	14.09	32.90	6	B
125	144	3755.1	7430.1	13	11	2012	12:43	56	14.11	32.54	14.50	34.04	4	B
126	145	3804.7	7420.5	13	11	2012	13:53	50	13.89	32.80	14.21	33.81	6	B
127	146	3759.9	7400.5	13	11	2012	15:18	127	15.12	34.27	14.85	35.30	3	B
128	147	3744.9	7414.9	13	11	2012	16:51	113	14.33	33.85	13.82	35.45	6	B
33	148	3741.9	7415.3	13	11	2012	17:25	112	14.74	34.20	16.07	35.08	5	W
34	149	3750.3	7434.7	13	11	2012	19:06	54	14.04	32.73	14.43	33.80	2	W
35	150	3759.7	7457.0	13	11	2012	20:49	24	12.98	31.82	13.01	31.83	4	W
129	151	3754.6	7504.6	13	11	2012	21:31	27	12.91	31.80	12.90	31.80	9	B
130	152	3740.0	7510.0	13	11	2012	22:53	29	13.68	32.00	13.72	31.99	5	B
131	153	3735.1	7435.3	14	11	2012	1:13	65	14.38	33.35	15.41	34.84	9	B
132	154	3725.3	7445.2	14	11	2012	2:22	50	14.16	33.00	14.26	33.49	9	B
133	155	3729.9	7504.8	14	11	2012	3:52	26	14.19	32.34	14.21	32.34	8	B
134	156	3719.9	7509.8	14	11	2012	4:52	30	14.02	32.22	14.03	32.22	7	B
135	157	3704.9	7519.8	14	11	2012	6:16	27	14.35	32.42	14.36	32.42	1	B
136	158	3650.0	7540.1	14	11	2012	8:03	22	14.19	32.13	14.19	32.13	4	B

data in bold are from 9/11+ CTD (s/n 420)

Deployment codes: B=bongo cast; W=water sampling cast; and V=vertical cast