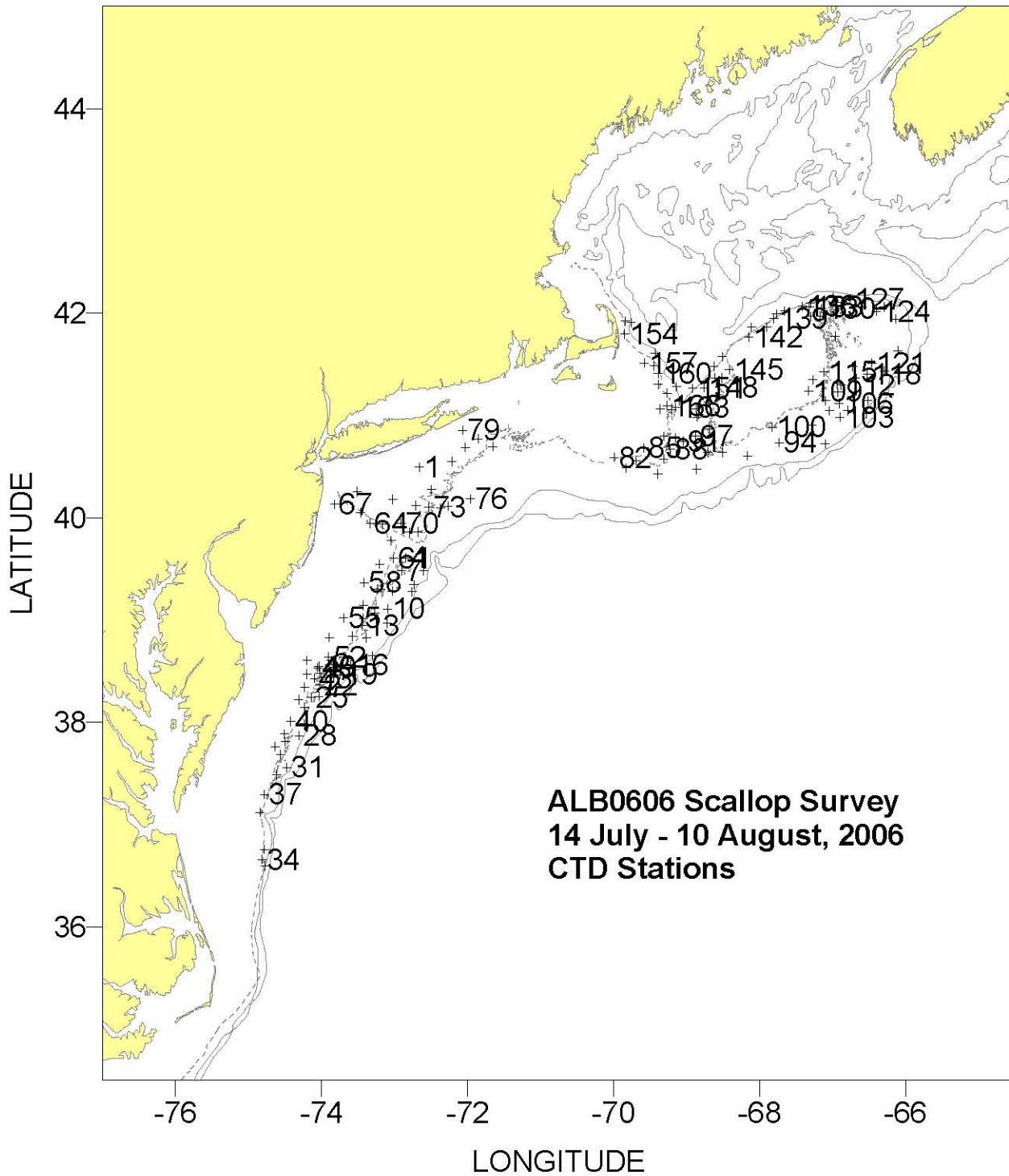


*Oceanography Branch CTD Data Report
Scallop Survey - ALB0606*

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

DATE: 14 July - 10 August, 2006



Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the 2006 Scallop Survey ALB0606

CRUISE	CD	SURFACE						BOTTOM						Purpose
		#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	
Georges Bank														
alb0606	213	59	17.12	2.04	0.16	2.25	0	57	10.46	0.08	0.17	2.02	0	60
alb0606	213	59	31.94	-0.70	0.09	0.37	0	57	32.72	-0.29	0.10	0.45	0	60
MAB North														
alb0606	204	21	21.32	1.93	0.27	2.07	1	21	9.68	1.60	0.27	3.75	1	60
alb0606	204	21	30.87	-1.00	0.18	1.38	1	21	33.13	0.18	0.16	1.30	1	60
MAB South														
alb0606	199	68	24.44	1.44	0.16	0.92	1	68	10.67	3.09	0.17	1.74	1	60
alb0606	199	68	30.83	-1.16	0.11	0.57	1	68	33.75	0.42	0.10	0.65	1	60

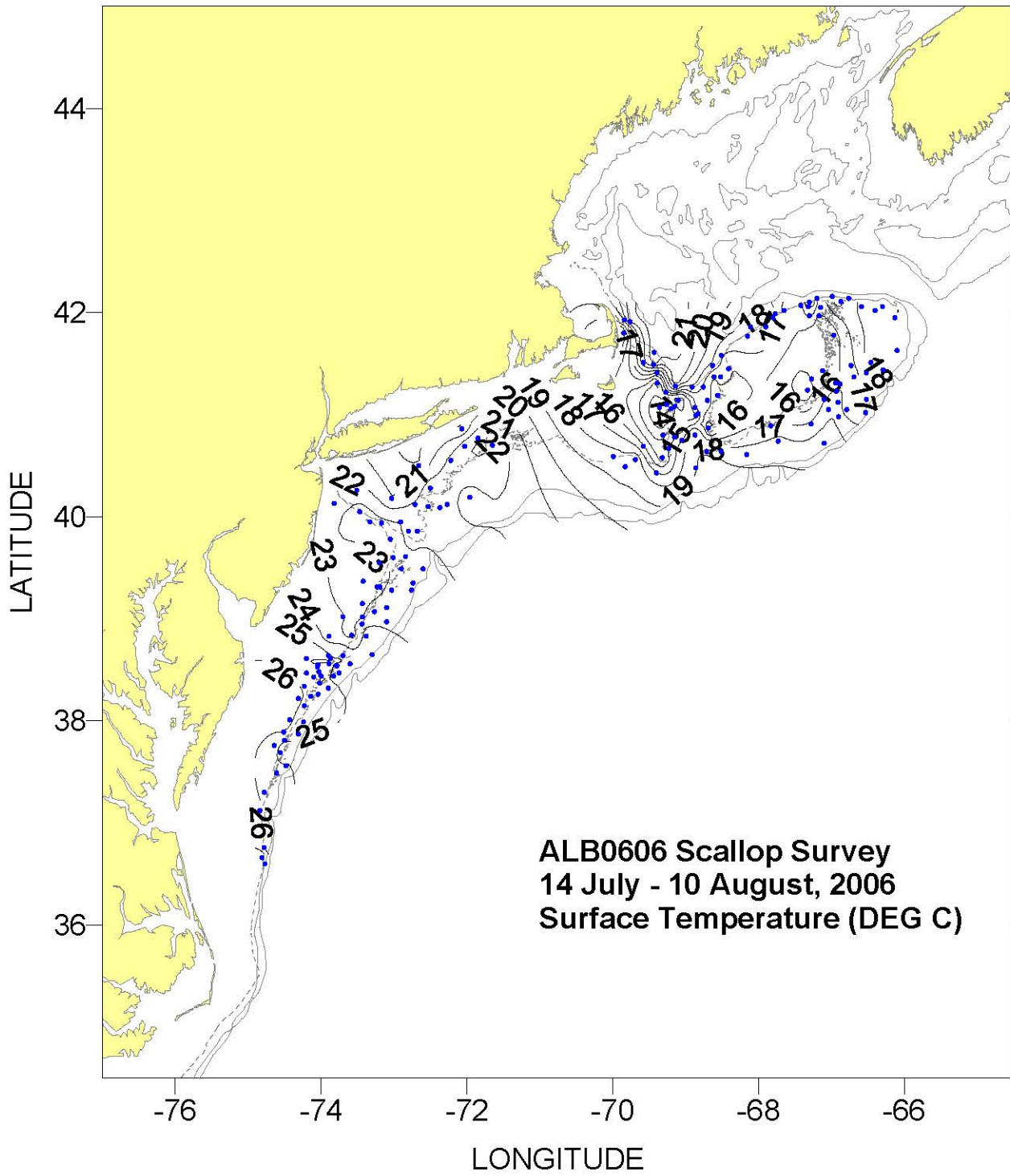
"CRUISE", the code name for a cruise: "CD", the calendar mid-date of all the stations within a region for a cruise:

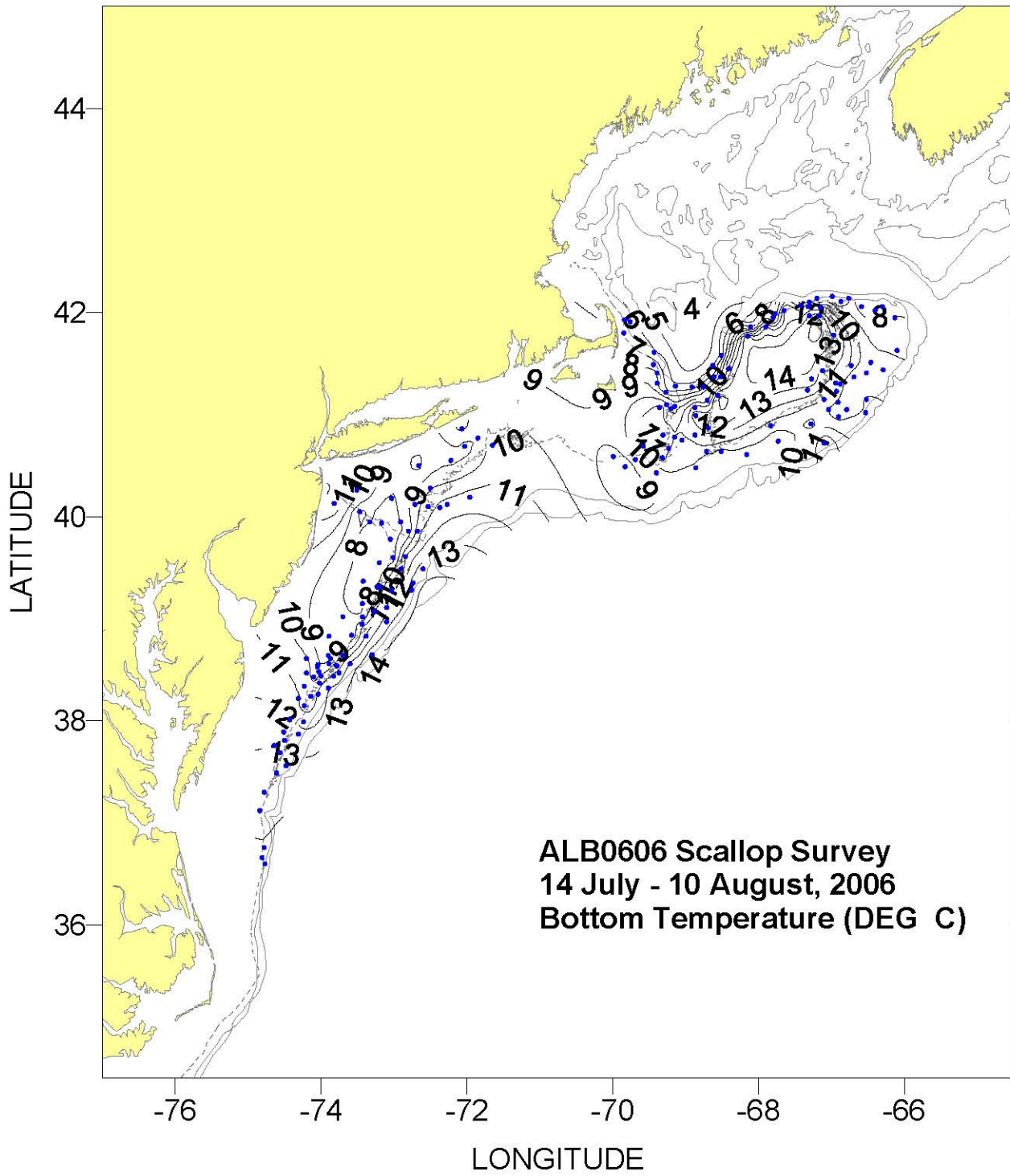
"#obs", the number of observations include in each average: "T/S", the areal average temp/salt: "Anomaly", the areal average temp/salt anomaly:

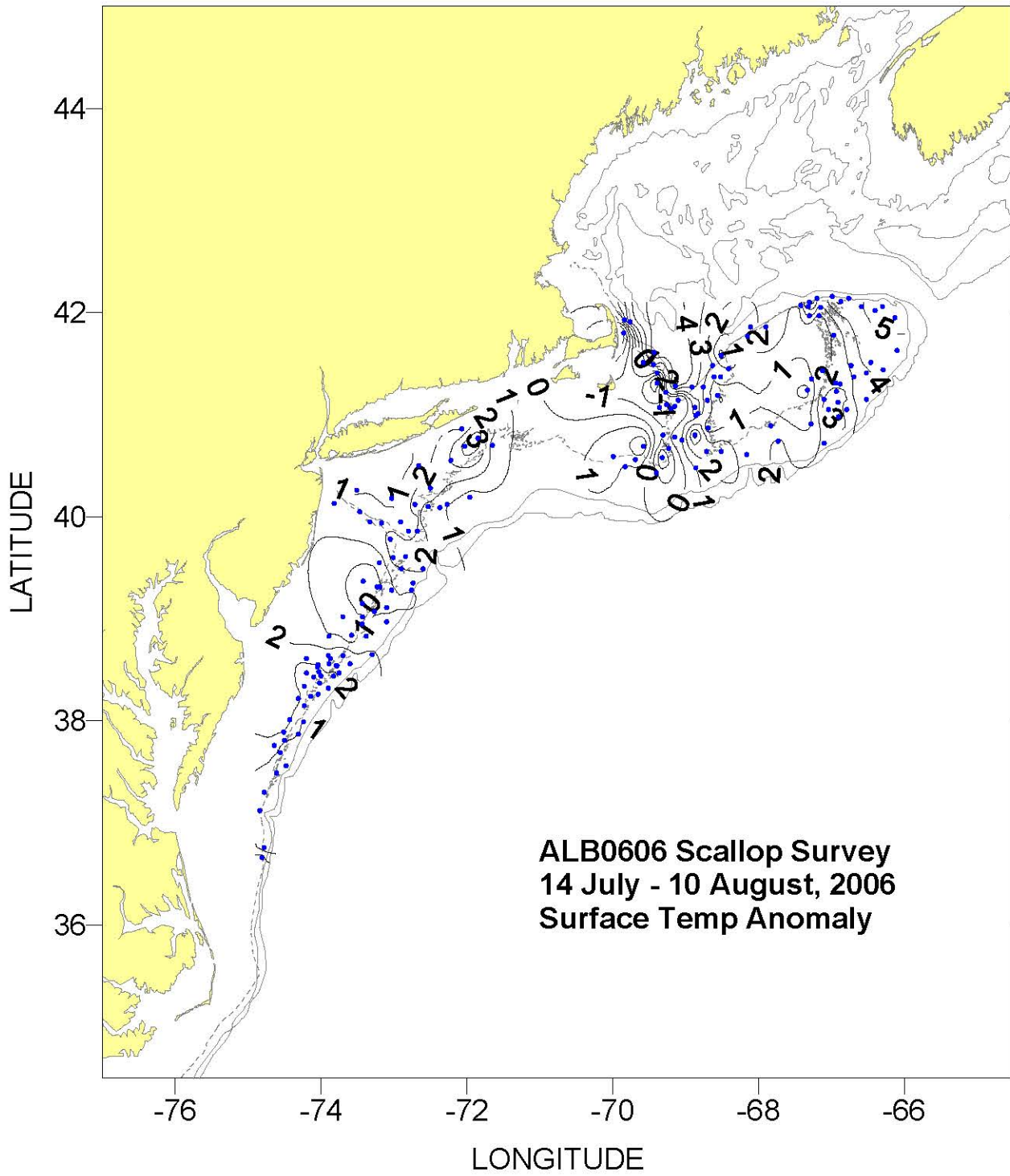
"SDV1", the standard deviation associated with the average temp/salt anomaly: "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived

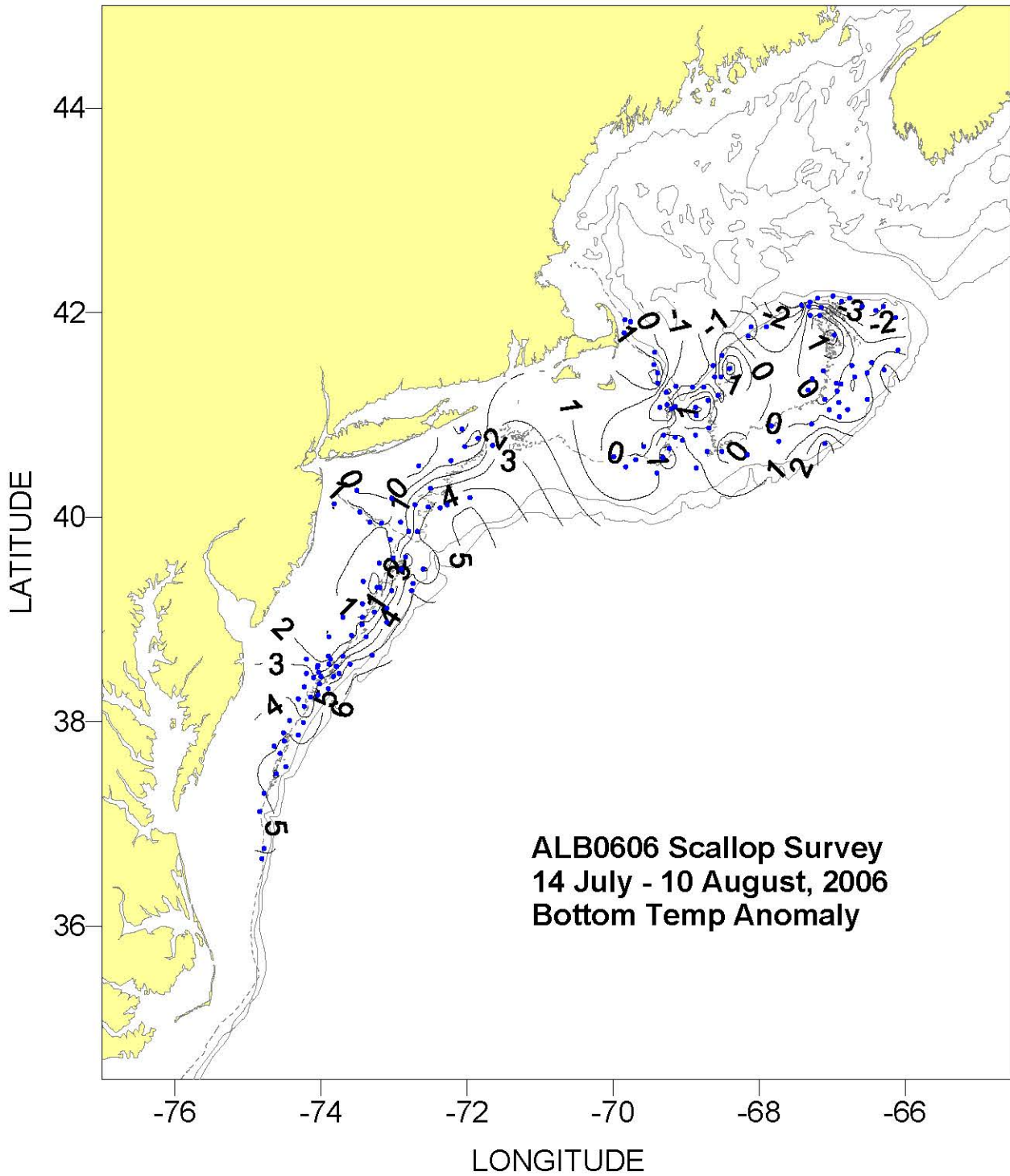
"Flag", a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region.

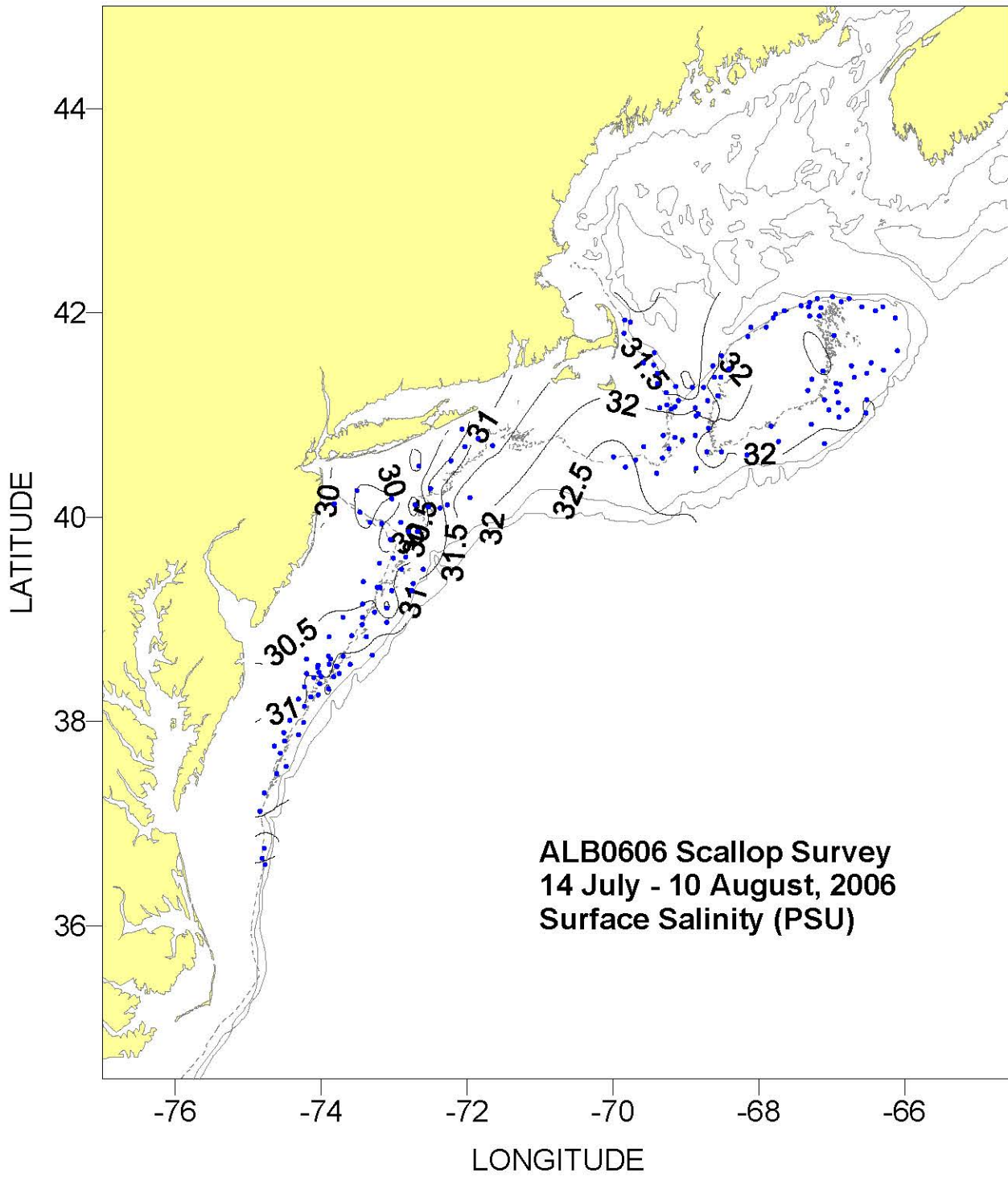
"Purpose", 2 digit code assigned by DMS to identify a unique NEFSC program survey.

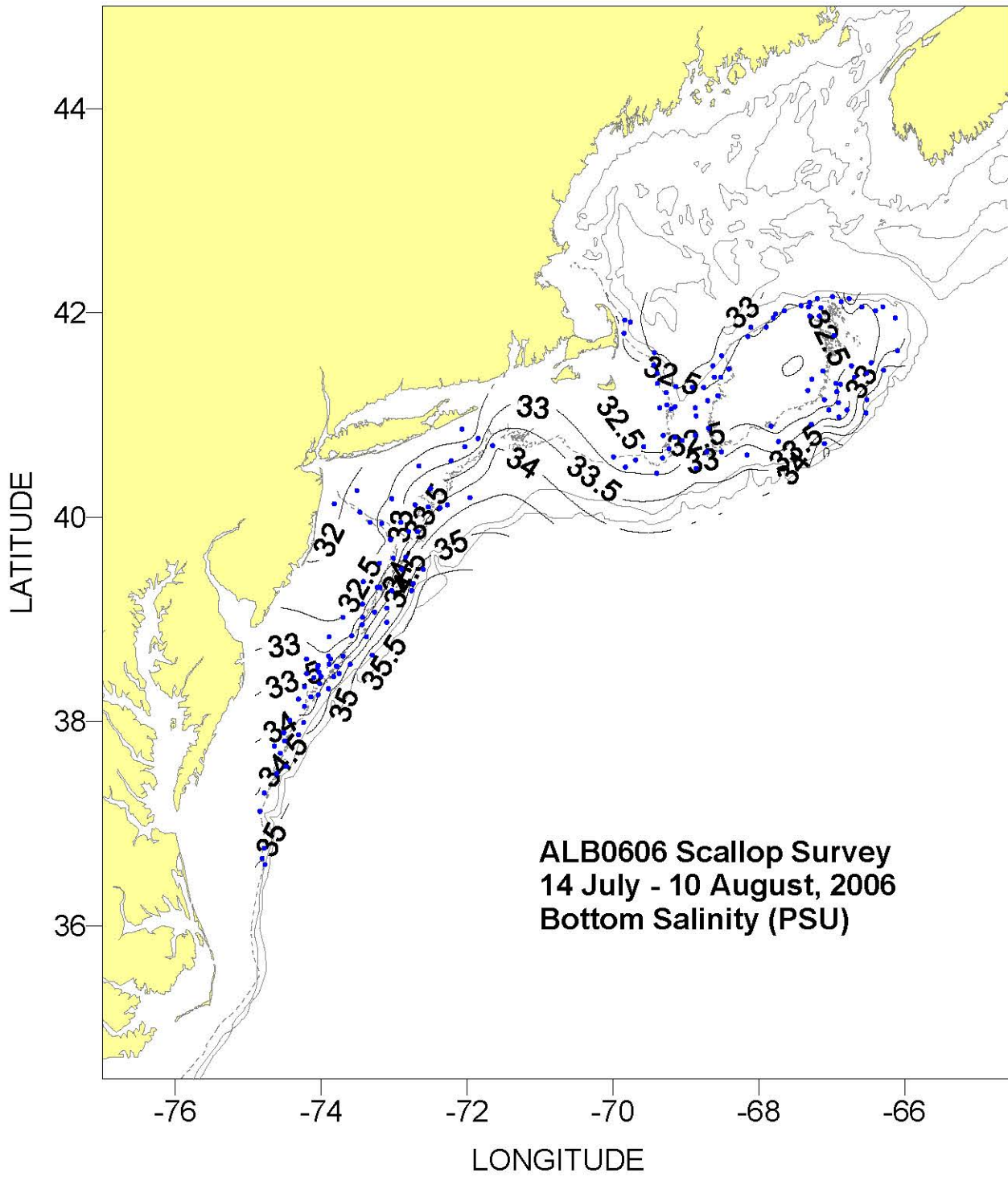


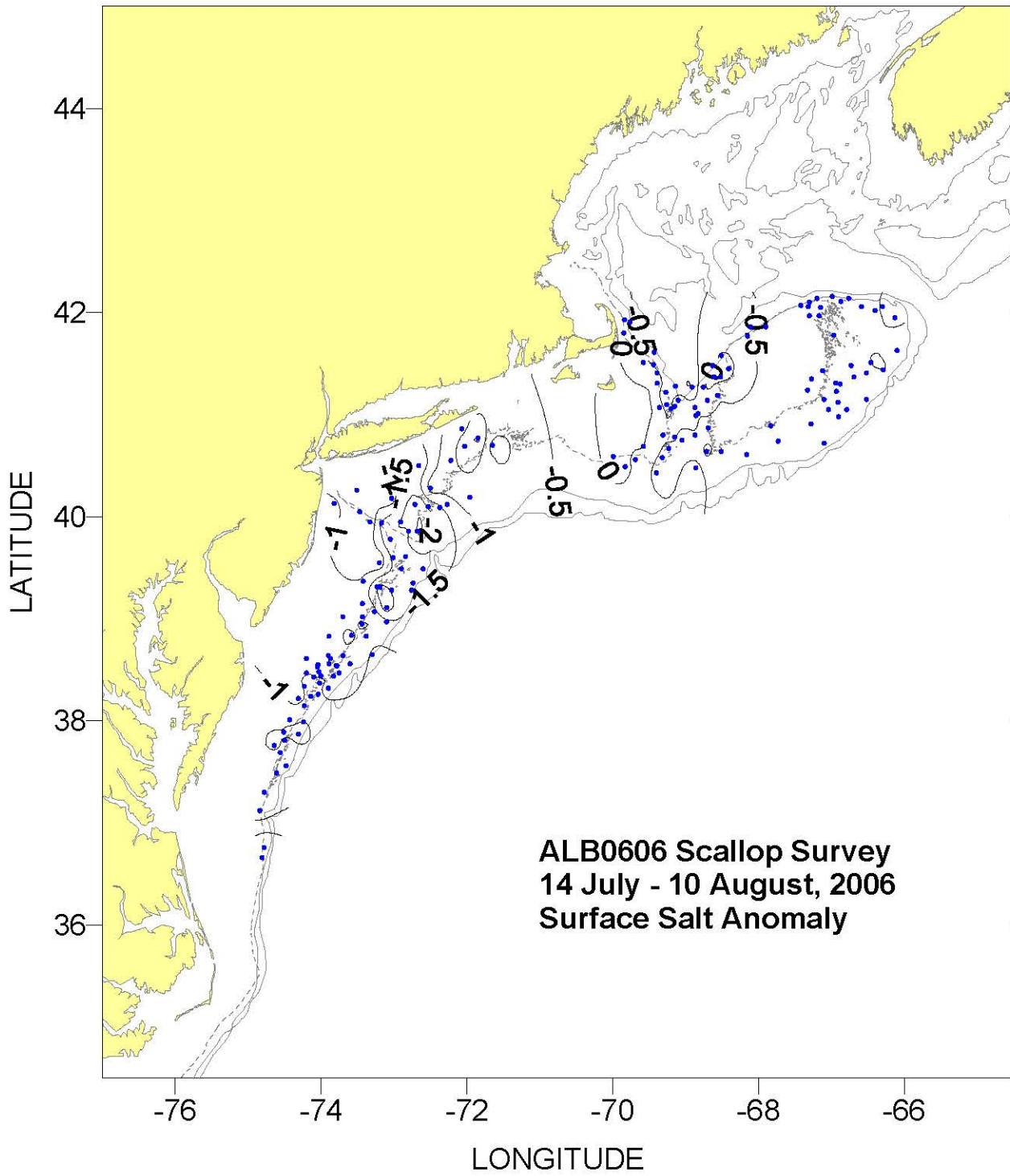


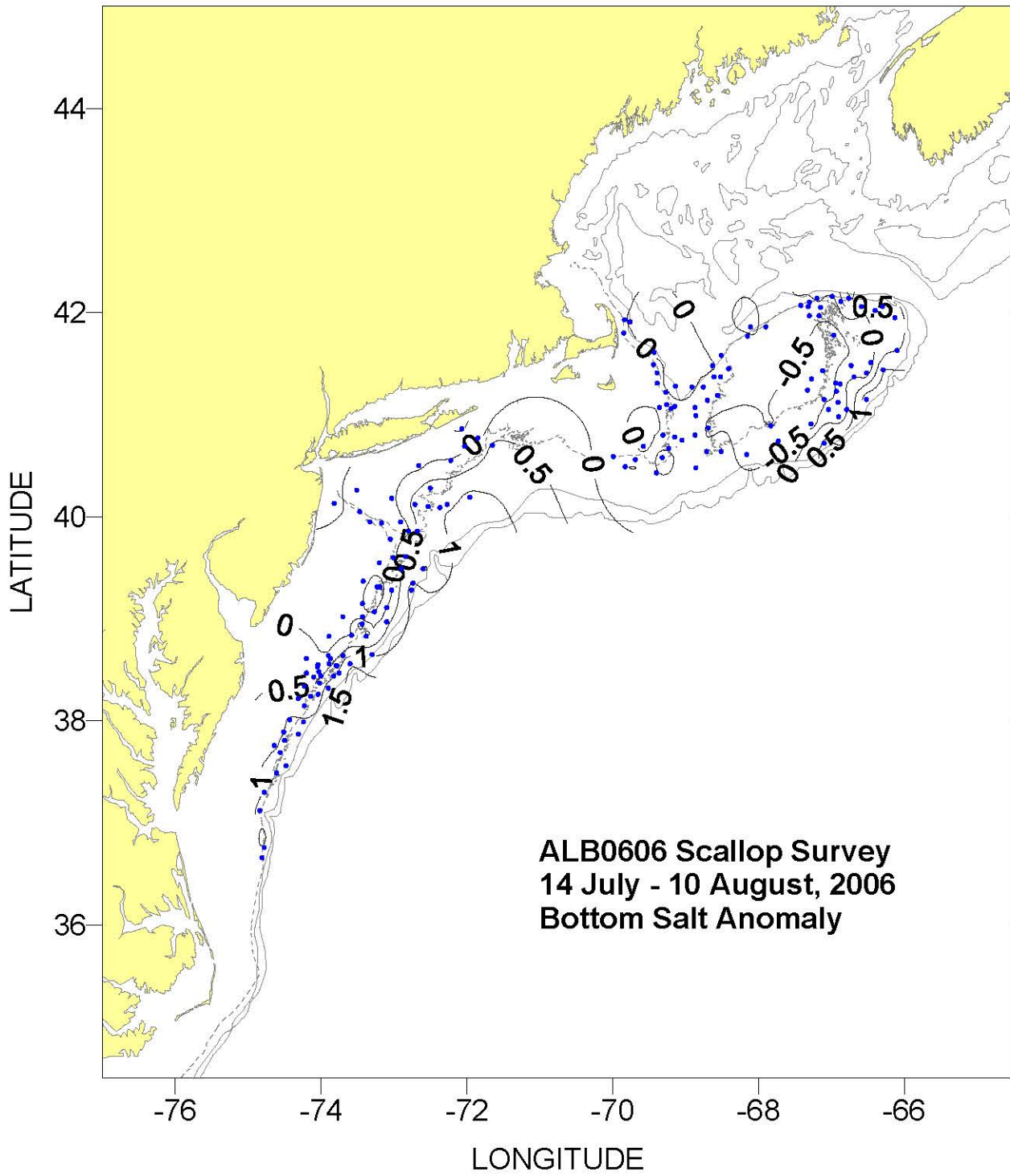












ALB0606 Scallop Survey
14 July - 10 August, 2006

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
1	1	4029.7	7239.5	14	7	2006	9:52	43	19.96	29.33	7.74	32.65	3
2	4	4007.2	7242.4	14	7	2006	13:38	55	22.14	29.18	9.68	33.64	4
3	7	3951.8	7240.9	14	7	2006	16:19	60	22.89	29.58	10.52	33.84	3
4	10	3936.5	7250.5	14	7	2006	19:46	64	22.99	30.31	11.04	34.13	3
5	13	3929.1	7236.0	14	7	2006	22:32	92	23.60	30.85	13.51	35.28	5
6	16	3920.7	7244.1	15	7	2006	1:02	89	23.57	30.99	13.37	35.19	3
7	19	3929.1	7254.1	15	7	2006	3:42	63	23.13	30.56	10.50	33.98	4
8	22	3916.7	7245.7	15	7	2006	6:58	90	23.13	31.13	13.43	35.20	5
9	25	3916.9	7301.9	15	7	2006	9:37	68	23.27	30.43	10.35	33.87	5
10	28	3906.5	7305.7	15	7	2006	12:04	74	23.40	29.75	11.53	34.28	5
11	31	3858.2	7306.1	15	7	2006	15:40	81	23.88	30.80	12.63	34.77	4
12	34	3904.2	7316.1	15	7	2006	17:49	68	23.71	30.83	10.09	33.80	4
13	37	3856.8	7326.5	15	7	2006	20:07	58	23.94	30.95	9.97	33.72	4
14	40	3849.6	7323.0	15	7	2006	22:36	68	24.92	30.88	11.19	34.15	4
15	43	3839.0	7317.9	16	7	2006	1:37	94	24.78	31.14	13.75	35.36	4
16	46	3833.8	7335.7	16	7	2006	4:37	70	24.63	31.23	12.36	34.65	3
17	49	3832.6	7346.5	16	7	2006	6:52	58	24.77	31.20	10.64	33.87	4
18	52	3832.4	7347.4	16	7	2006	9:38	58	24.29	31.01	10.66	33.87	4
19	55	3828.0	7344.7	16	7	2006	12:31	67	24.56	31.02	11.29	34.14	6
20	58	3826.5	7349.8	16	7	2006	15:04	62	24.65	31.27	11.19	34.09	6
21	61	3826.5	7360.0	16	7	2006	17:13	55	24.90	31.09	10.40	33.78	5
22	64	3822.0	7401.4	16	7	2006	19:17	62	24.76	31.15	10.67	33.73	4
23	67	3819.2	7353.8	16	7	2006	21:10	70	25.69	30.90	11.98	34.42	4
24	70	3815.3	7402.1	16	7	2006	23:10	70	25.50	31.10	11.18	34.01	5
25	73	3814.5	7408.5	17	7	2006	1:15	65	25.61	31.14	10.34	33.69	5
26	76	3808.9	7413.8	17	7	2006	3:28	42	25.65	31.18	10.28	33.62	4
27	79	3759.2	7414.2	17	7	2006	5:43	69	24.96	31.35	11.79	34.23	4
28	82	3752.2	7418.5	17	7	2006	8:01	63	25.08	31.39	12.17	34.48	6
29	85	3748.6	7429.8	17	7	2006	10:11	56	24.91	31.26	13.13	34.51	5
30	88	3741.2	7433.6	17	7	2006	12:41	57	24.60	31.17	14.03	34.75	1

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Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
31	91	3733.6	7428.5	17	7	2006	15:08	70	25.12	31.17	13.18	34.63	4
32	94	3729.2	7436.7	17	7	2006	17:22	61	25.31	31.29	14.04	34.85	5
33	97	3707.2	7450.3	17	7	2006	21:02	58	26.14	31.31	13.72	34.71	3
34	100	3639.5	7448.7	18	7	2006	0:55	50	26.66	32.20	14.52	34.93	4
35	103	3635.8	7446.4	18	7	2006	3:10	80	25.72	31.70	14.83	35.18	3
36	106	3645.5	7446.8	18	7	2006	5:16	66	25.52	32.46	14.07	34.92	4
37	109	3717.7	7446.9	18	7	2006	11:00	52	25.78	31.24	13.72	34.55	4
38	112	3745.7	7438.2	18	7	2006	15:22	52	25.53	31.33	12.70	34.18	5
39	115	3753.2	7430.4	18	7	2006	18:23	55	26.08	31.28	12.77	34.19	5
40	118	3800.6	7425.5	18	7	2006	21:04	50	26.33	31.25	12.44	34.18	3
41	121	3813.3	7418.6	18	7	2006	23:51	47	26.36	30.46	11.32	33.78	6
42	124	3820.6	7414.0	19	7	2006	2:34	53	25.80	31.01	10.34	33.61	8
43	127	3825.7	7405.8	19	7	2006	5:33	56	25.91	31.13	9.64	33.49	6
44	130	3828.3	7411.9	19	7	2006	7:37	49	25.68	31.03	10.50	33.65	5
45	133	3836.4	7411.9	19	7	2006	10:51	48	25.88	30.41	10.20	33.44	5
46	136	3832.0	7403.1	19	7	2006	12:56	56	25.97	30.48	9.50	33.36	4
47	139	3828.7	7401.6	19	7	2006	15:21	53	25.14	30.90	9.04	33.24	5
48	142	3833.7	7353.6	19	7	2006	17:22	55	26.46	30.61	9.26	33.39	5
49	145	3832.8	7402.1	19	7	2006	19:45	56	26.42	30.77	9.01	33.20	6
50	149	3836.3	7351.9	19	7	2006	23:37	53	25.53	31.05	8.80	33.21	8
51	152	3838.4	7341.8	20	7	2006	3:10	60	25.33	31.04	9.95	33.68	7
52	155	3838.3	7354.1	20	7	2006	6:00	47	25.12	30.88	8.64	33.09	4
53	158	3849.7	7353.5	20	7	2006	21:55	42	23.36	30.81	8.06	32.74	2
54	161	3850.5	7334.6	21	7	2006	1:52	56	22.40	30.56	8.05	32.95	5
55	164	3901.2	7341.8	21	7	2006	4:39	41	23.11	30.57	8.34	32.51	4
56	167	3901.1	7325.7	21	7	2006	7:46	56	22.71	30.57	7.93	32.96	5
57	170	3908.7	7325.6	21	7	2006	9:55	53	22.91	30.50	7.83	32.80	5
58	173	3921.9	7325.1	21	7	2006	13:16	44	21.88	30.16	7.83	32.49	5
59	176	3918.4	7313.8	21	7	2006	16:10	60	22.69	30.39	7.50	32.80	4
60	179	3918.3	7311.2	21	7	2006	19:36	65	22.79	30.22	8.61	33.23	5
61	182	3936.2	7300.7	21	7	2006	23:04	66	23.44	30.26	7.37	32.74	5

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Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
62	185	3946.6	7302.7	22	7	2006	2:25	57	23.77	29.61	7.47	32.53	6
63	188	3932.9	7312.1	22	7	2006	5:58	38	22.52	30.11	7.56	32.71	3
64	191	3956.7	7319.9	22	7	2006	9:43	58	23.40	30.64	8.22	32.28	3
65	194	3956.1	7309.9	22	7	2006	13:01	81	23.28	30.03	7.36	32.64	6
66	197	4003.1	7327.9	22	7	2006	17:00	77	23.55	30.60	7.68	32.47	6
67	200	4007.9	7349.1	22	7	2006	21:04	31	22.60	29.93	11.96	31.83	6
68	203	4015.3	7330.5	23	7	2006	0:34	29	22.17	30.55	11.34	32.12	4
69	206	4010.8	7301.6	23	7	2006	5:40	46	21.00	30.59	7.83	32.54	4
70	209	3956.9	7254.5	23	7	2006	11:49	52	23.00	29.68	8.05	32.89	5
71	212	3951.7	7247.9	23	7	2006	15:06	55	22.53	30.17	8.22	32.92	5
72	215	4005.6	7222.2	23	7	2006	19:31	65	22.46	30.65	11.25	34.07	5
73	218	4006.2	7232.0	23	7	2006	22:40	59	22.36	30.12	10.48	33.77	5
74	221	4016.6	7229.7	24	7	2006	1:53	55	22.74	30.81	10.00	33.55	5
75	224	4006.9	7216.0	24	7	2006	6:04	68	22.27	31.36	11.35	34.17	4
76	227	4011.1	7157.7	24	7	2006	8:52	68	21.50	31.84	11.44	34.35	3
77	230	4033.0	7212.9	24	7	2006	13:52	54	22.32	30.58	8.73	32.92	5
78	233	4041.3	7201.8	24	7	2006	17:36	49	22.81	30.75	8.64	32.65	2
79	236	4051.4	7204.1	24	7	2006	20:58	38	19.92	30.17	10.47	32.23	3
80	239	4046.3	7151.2	25	7	2006	0:25	48	22.92	31.30	8.89	32.55	4
81	242	4041.8	7139.2	25	7	2006	4:43	69	22.89	31.31	10.51	33.98	3
82	246	4035.4	6959.4	25	7	2006	16:07	57	18.49	32.72	8.70	32.83	4
83	249	4029.3	6949.5	25	7	2006	19:10	71	18.29	32.81	8.59	32.89	3
84	252	4033.6	6941.5	25	7	2006	23:17	64	18.93	32.43	9.32	32.80	4
85	255	4041.1	6934.9	26	7	2006	2:05	49	16.15	32.14	11.62	32.37	4
86	258	4025.8	6923.7	26	7	2006	5:13	70	17.23	32.10	9.16	33.01	5
87	261	4034.5	6918.9	26	7	2006	8:37	57	14.25	32.12	11.46	32.47	3
88	264	4040.1	6913.5	26	7	2006	11:16	54	16.23	32.06	10.97	32.62	5
89	267	4047.9	6918.4	26	7	2006	13:36	56	13.48	32.19	11.92	32.52	4
90	270	4046.8	6908.9	26	7	2006	16:31	69	16.03	32.34	11.04	32.60	4
91	273	4044.9	6902.9	26	7	2006	19:16	79	16.98	31.92	10.61	32.59	4
92	276	4028.5	6851.8	26	7	2006	22:58	74	18.95	32.54	9.87	33.33	3

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Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
93	279	4036.3	6809.7	27	7	2006	4:16	93	18.51	31.97	9.42	33.31	4
94	282	4044.1	6743.8	27	7	2006	9:41	68	18.40	31.92	9.17	32.61	4
95	286	4038.5	6830.4	27	7	2006	14:41	63	18.57	31.97	9.66	32.84	4
96	289	4038.5	6842.7	27	7	2006	17:21	61	18.93	31.45	10.08	32.73	2
97	292	4048.0	6852.4	27	7	2006	20:02	67	18.94	32.22	11.54	32.46	4
98	295	4059.1	6851.5	1	8	2006	4:48	71	14.49	32.10	13.73	32.27	5
99	298	4051.9	6841.1	1	8	2006	7:16	65	14.32	32.05	14.15	32.17	8
100	301	4053.2	6749.6	1	8	2006	12:13	62	17.12	31.79	10.58	32.39	6
101	304	4054.5	6716.8	1	8	2006	15:36	82	17.14	31.89	9.53	32.72	9
102	307	4043.3	6706.0	1	8	2006	19:13	2	18.66	32.17	13.21	35.09	7
103	310	4059.0	6654.0	1	8	2006	22:40	72	17.84	31.89	9.69	32.73	7
104	313	4101.0	6631.9	2	8	2006	2:15	99	16.60	32.00	10.03	34.12	6
105	318	4103.0	6647.5	2	8	2006	6:34	73	16.40	31.86	9.75	32.84	7
106	321	4107.1	6654.5	2	8	2006	9:00	70	17.30	31.87	9.84	32.58	7
107	324	4102.9	6702.6	2	8	2006	11:21	70	17.86	31.85	9.88	32.54	0
108	327	4108.8	6705.9	2	8	2006	13:52	64	16.84	31.82	10.88	32.36	6
109	330	4114.4	6719.8	2	8	2006	16:36	52	13.89	31.88	12.69	32.15	7
110	333	4113.8	6655.7	2	8	2006	19:25	69	17.51	31.82	10.77	32.37	5
111	336	4121.9	6641.6	2	8	2006	21:55	79	16.83	31.86	9.23	32.94	5
112	339	4117.9	6653.0	3	8	2006	0:03	69	16.23	31.99	10.01	32.78	5
113	342	4118.7	6656.1	3	8	2006	2:40	68	16.00	31.94	11.59	32.29	5
114	345	4121.0	6716.1	3	8	2006	5:03	44	15.27	31.93	13.77	32.06	6
115	348	4125.6	6707.4	3	8	2006	7:49	55	15.47	32.04	12.51	32.18	7
116	351	4146.5	6657.9	3	8	2006	11:06	62	15.52	31.92	13.90	32.12	7
117	354	4128.7	6643.6	3	8	2006	15:03	74	16.78	31.84	10.84	32.46	6
118	357	4124.3	6631.4	3	8	2006	17:16	90	17.21	31.81	9.62	32.66	4
119	361	4108.7	6631.1	3	8	2006	21:02	93	17.34	32.02	10.11	34.26	6
120	365	4126.1	6617.5	4	8	2006	0:28	91	18.48	31.67	9.66	34.18	6
121	369	4130.7	6627.7	4	8	2006	4:07	89	18.58	31.68	9.23	32.78	7
122	372	4138.0	6606.2	4	8	2006	8:53	95	18.20	31.81	8.81	33.47	5
123	375	4156.7	6607.8	4	8	2006	13:08	92	19.04	31.58	8.09	33.22	7

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Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
124	378	4201.1	6624.0	4	8	2006	17:55	85	18.66	31.69	7.26	33.06	7
125	381	4203.8	6617.8	4	8	2006	22:31	89	18.71	31.55	7.56	33.25	8
126	384	4203.6	6635.6	5	8	2006	1:13	76	18.34	31.80	7.42	32.79	5
127	387	4208.4	6645.6	5	8	2006	3:58	79	17.23	31.80	8.54	34.08	6
128	390	4206.5	6652.0	5	8	2006	8:10	66	18.65	31.56	6.35	32.97	6
129	393	4209.3	6659.6	5	8	2006	12:01	88	18.28	31.65	7.85	32.61	6
130	396	4202.8	6709.2	5	8	2006	14:45	52	16.46	31.83	11.98	32.40	5
131	400	4208.2	6711.7	5	8	2006	18:32	84	16.29	31.70	5.79	32.97	7
132	403	4205.8	6718.2	5	8	2006	21:04	52	19.99	31.43	10.73	32.48	7
133	406	4203.8	6719.1	5	8	2006	23:43	51	18.44	31.54	12.60	32.37	7
134	409	4158.4	6710.2	6	8	2006	1:58	46	15.63	31.92	15.10	32.17	5
135	413	4158.1	6718.0	6	8	2006	4:43	53	17.15	31.91	14.04	32.27	6
136	417	4204.0	6724.9	6	8	2006	8:13	52	16.14	31.93	9.10	32.52	6
137	420	4201.4	6739.2	6	8	2006	10:45	70	16.42	32.00	12.92	32.36	6
138	423	4159.5	6746.0	6	8	2006	13:07	82	18.02	31.68	7.16	32.72	2
139	426	4156.8	6748.1	6	8	2006	15:15	59	18.25	31.56	7.79	32.57	6
140	429	4151.8	6753.9	6	8	2006	17:25	53	18.26	31.75	12.29	32.38	6
141	432	4151.8	6806.6	6	8	2006	19:42	42	17.61	31.91	6.40	33.12	5
142	435	4146.1	6808.9	6	8	2006	22:43	52	18.01	31.96	13.89	32.31	7
143	438	4134.6	6830.6	7	8	2006	1:43	9	17.07	32.08	6.29	32.84	5
144	441	4128.8	6837.5	7	8	2006	3:54	2	17.89	31.86	5.97	32.96	5
145	444	4127.0	6824.8	7	8	2006	6:10	66	15.91	32.10	11.71	32.38	7
146	447	4122.0	6830.9	7	8	2006	9:43	70	17.15	32.07	9.09	32.50	6
147	450	4122.2	6836.7	7	8	2006	11:31	82	15.67	32.08	7.27	32.61	5
148	453	4116.3	6845.6	7	8	2006	13:46	81	16.83	32.04	7.73	32.51	5
149	456	4111.3	6833.7	7	8	2006	16:01	58	14.90	32.08	14.42	32.21	2
150	459	4108.1	6842.0	7	8	2006	19:43	63	16.67	31.76	10.45	32.38	6
151	462	4115.9	6854.8	7	8	2006	22:37	9	17.98	30.69	6.25	32.78	9
152	465	4103.9	6852.0	8	8	2006	1:00	70	15.86	32.00	12.68	32.29	8
153	468	4100.5	6850.0	8	8	2006	3:19	68	16.98	31.97	13.34	32.24	10
154	473	4147.9	6950.7	8	8	2006	13:26	72	12.58	31.52	6.67	32.51	5

ALB0606 Scallop Survey
14 July - 10 August, 2006

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
155	476	4155.5	6950.2	8	8	2006	15:15	73	18.47	31.13	6.58	32.57	5
156	479	4154.6	6945.5	8	8	2006	17:45	15	20.29	31.05	6.21	32.88	9
157	484	4130.8	6934.8	9	8	2006	0:45	38	19.60	31.32	9.18	32.04	10
158	491	4136.7	6925.8	9	8	2006	6:04	1	21.50	31.16	6.12	33.15	6
159	497	4129.1	6926.6	9	8	2006	11:08	49	21.40	31.23	7.65	32.33	6
160	500	4124.6	6923.3	9	8	2006	14:19	45	16.49	31.21	8.05	32.29	6
161	506	4116.9	6908.2	9	8	2006	19:08	4	20.83	31.19	6.12	33.18	7
162	512	4108.5	6906.0	9	8	2006	23:46	8	10.28	31.79	6.46	32.72	12
163	516	4104.6	6909.1	10	8	2006	3:52	72	13.49	31.82	9.81	32.36	6
164	521	4103.4	6912.2	10	8	2006	8:52	57	12.17	31.90	8.17	32.43	6
165	526	4103.9	6921.5	10	8	2006	13:48	46	11.91	31.94	11.31	32.03	7
166	529	4105.8	6915.8	10	8	2006	16:22	55	11.47	31.90	11.47	32.06	5
167	532	4113.0	6916.1	10	8	2006	19:00	63	15.93	31.44	7.05	32.56	7
168	535	4118.3	6923.3	10	8	2006	21:08	48	13.44	31.74	8.21	32.34	8