

Oceanography Branch CTD Data Report
CTD_REPORT_2013001HB

**For further information, contact Tamara Holzwarth-Davis
National Marine Fisheries Service
Northeast Fisheries Science Center
Woods Hole, Massachusetts 02543-1097**

DATE: August 13, 2013

Oceanography Branch CTD Data Report

CTD_REPORT_2013001HB

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

HB 13-01
Spring Bottom Trawl
Data Coverage: March 5 – May 9, 2013
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 HB1301 Spring Bottom Trawl Survey aboard the NOAA FSV *Henry B Bigelow*. Data was obtained with two Seabird Electronics SBE Model 19+V2 profiling CTD (s/n's 7037 & 7143). Sea water samples were taken for the purpose of correcting salinity values for both instruments. No salinity correction was necessary for any instrument.

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/hb1301.dat>

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

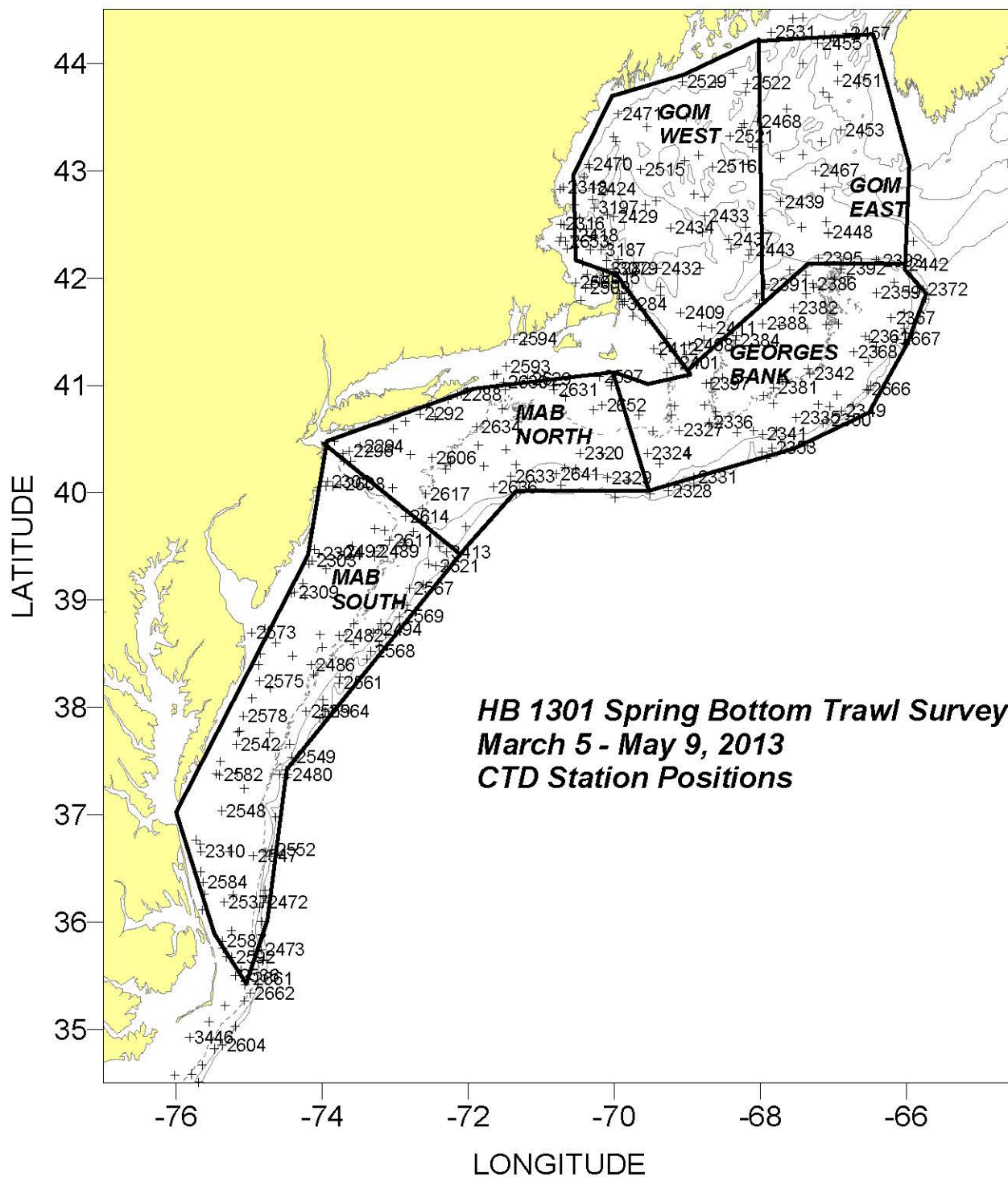
<http://www.nefsc.noaa.gov/HydroAtlas/>

choose: **2013 Cruises**

MAR_TRAWL_HB1301

CTD_REPORT_2013001HB.pdf

Revised: August 13, 2013



**Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the
HB1301 Spring Bottom Trawl Survey
March 5 - May 9, 2013**

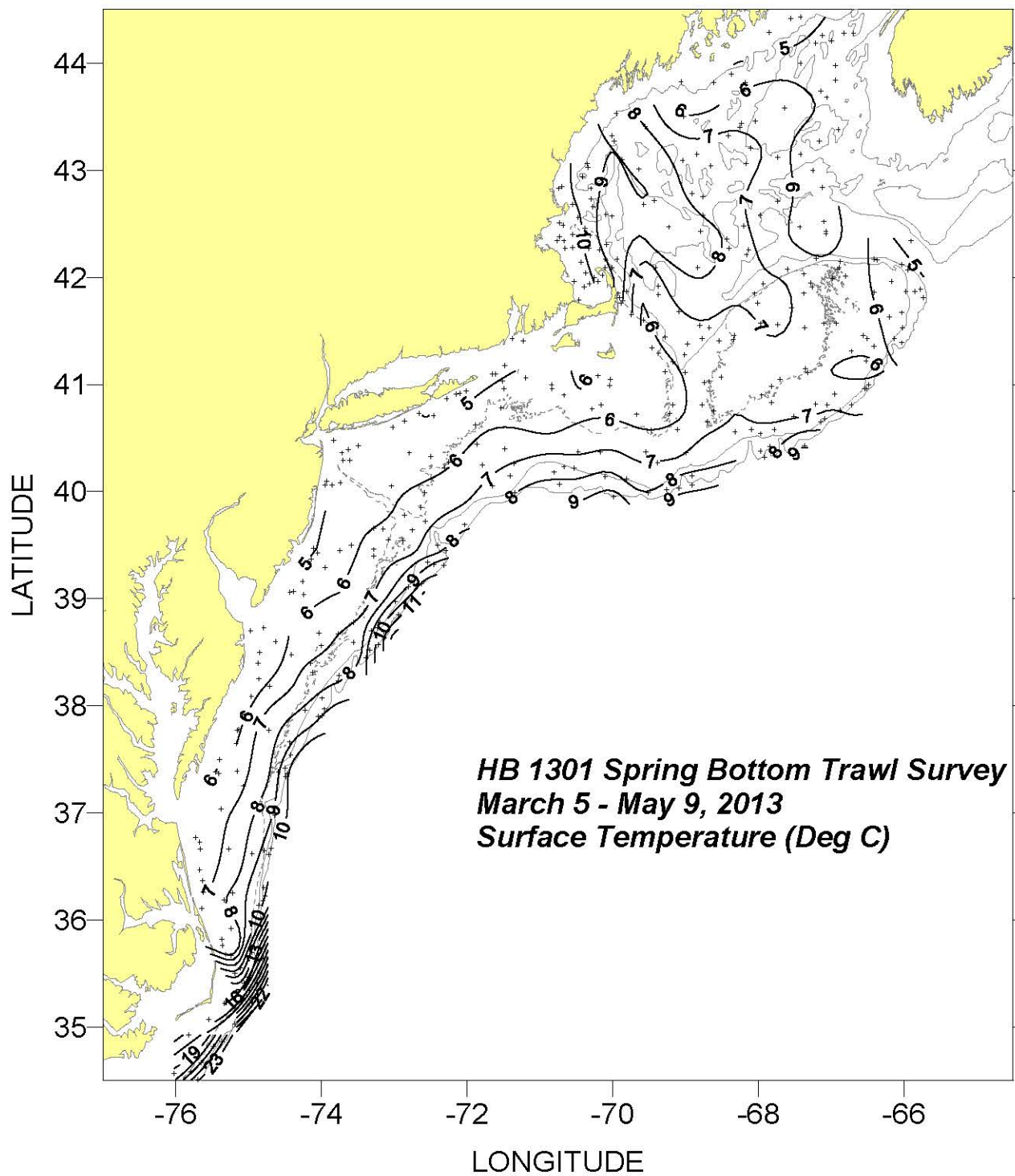
		SURFACE						BOTTOM						
CRUISE	CD	#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	Purpose
Western Gulf of Maine														
hb1301	119	65	7.56	1.62	0.14	0.85	0	65	6.36	1.24	0.12	0.64	0	10
hb1301	119	65	32.53	0.09	0.09	0.37	0	65	33.26	-0.09	0.07	0.21	0	10
Eastern Gulf of Maine														
hb1301	113	26	6.00	0.44	0.19	1.85	1	25	7.90	0.87	0.19	1.49	1	10
hb1301	113	26	32.42	-0.17	0.13	0.79	1	25	34.11	0.03	0.11	0.55	1	10
Georges Bank														
hb1301	104	67	6.56	1.21	0.13	0.69	0	56	6.71	1.17	0.16	0.65	0	10
hb1301	104	67	33.11	0.13	0.08	0.32	0	56	33.30	0.08	0.09	0.25	0	10
MAB North														
hb1301	90	51	6.19	1.40	0.18	0.65	0	44	6.25	0.52	0.23	1.09	0	10
hb1301	90	51	33.19	0.34	0.12	0.26	0	44	33.38	-0.10	0.13	0.39	0	10
MAB South														
hb1301	82	94	7.17	0.75	0.14	1.33	0	77	7.62	1.65	0.17	1.20	0	10
hb1301	82	94	33.53	0.52	0.10	0.81	0	77	33.90	0.50	0.11	0.51	0	10

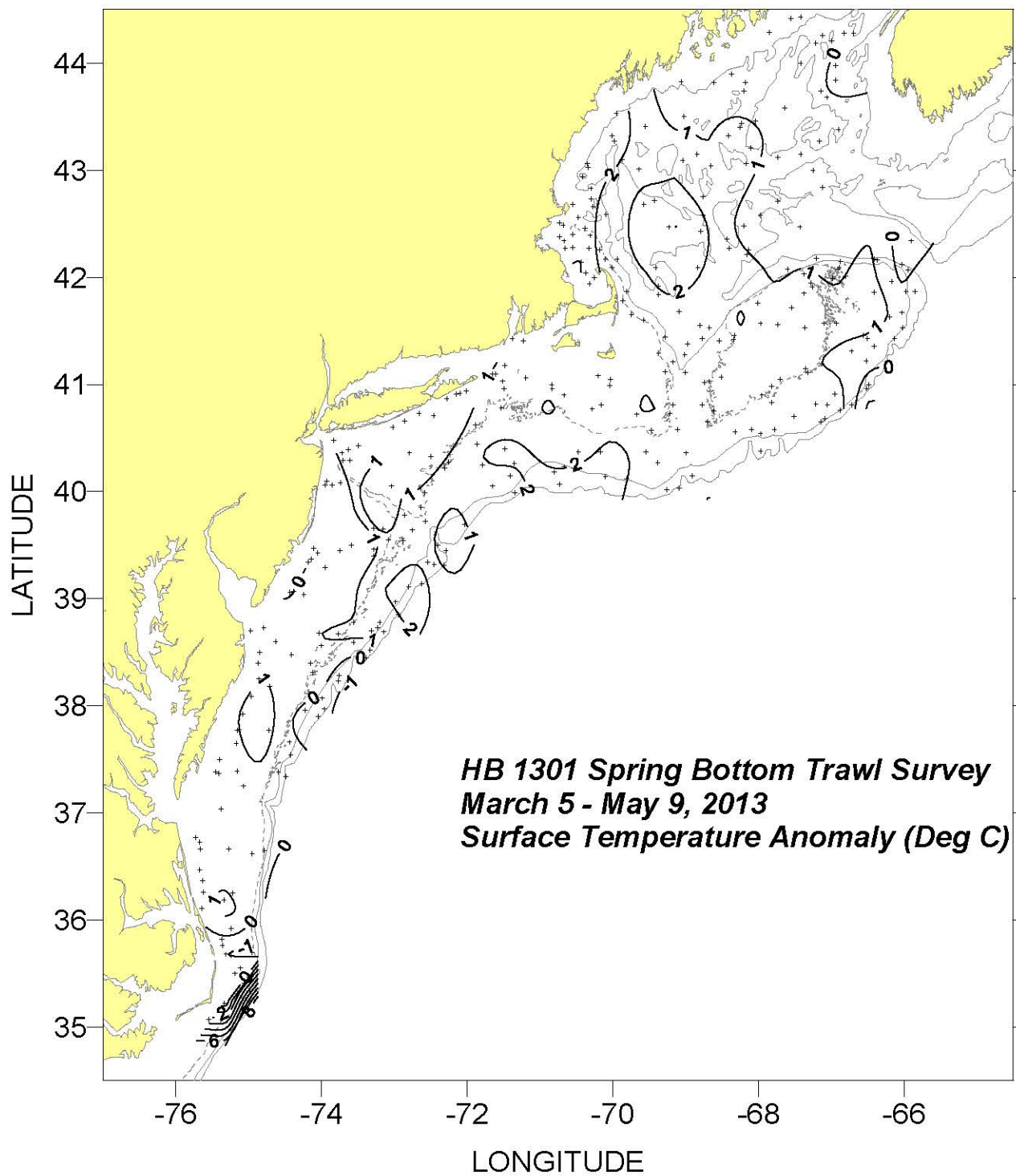
"CRUISE", the code name for a cruise: "CD", the calendar mid-date of all the stations within a region for a cruise:

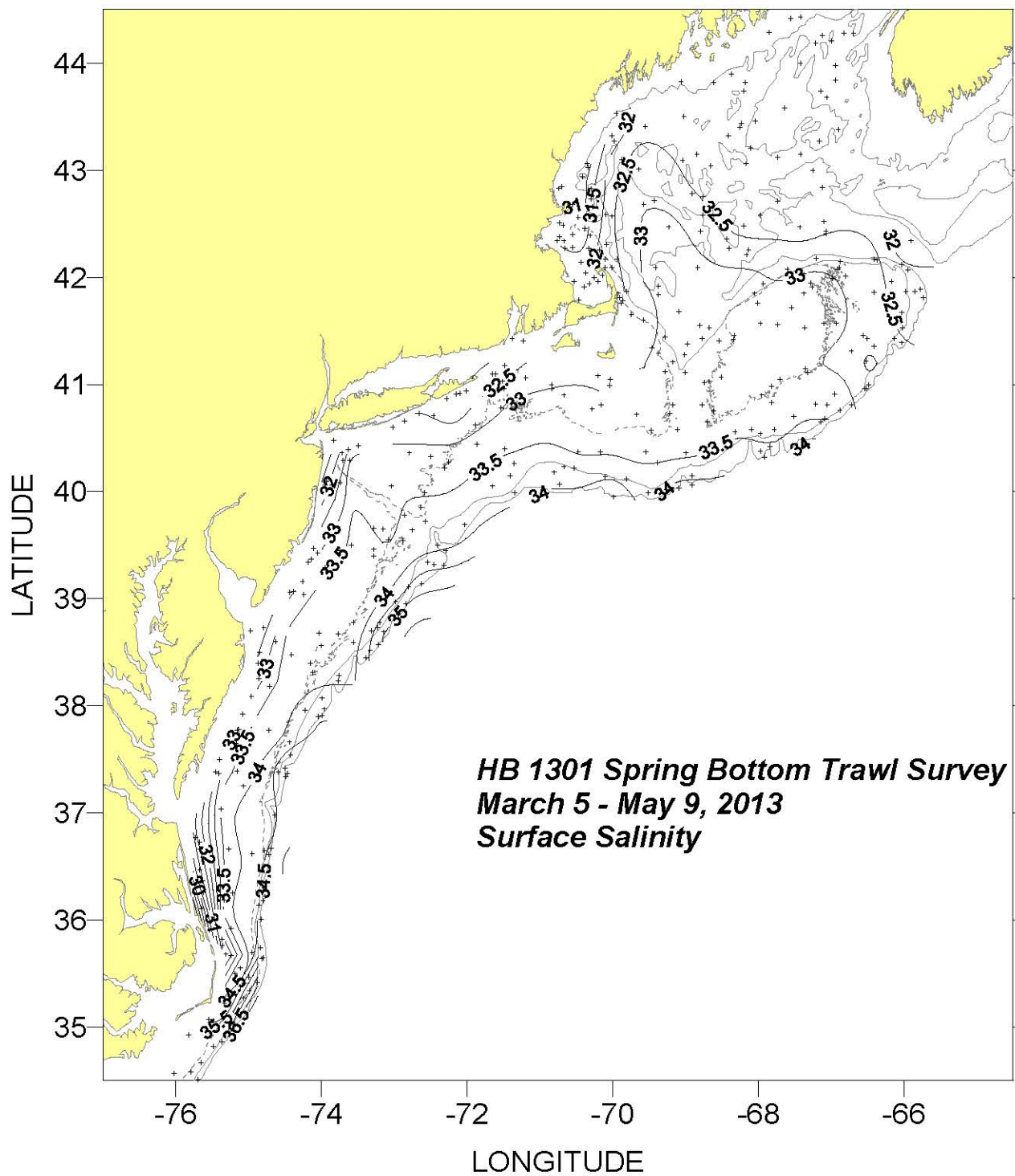
"#obs", the number of observations include in each average: "T/S", the areal average temp/salt: "Anomaly", the areal average temp/salt anomaly:

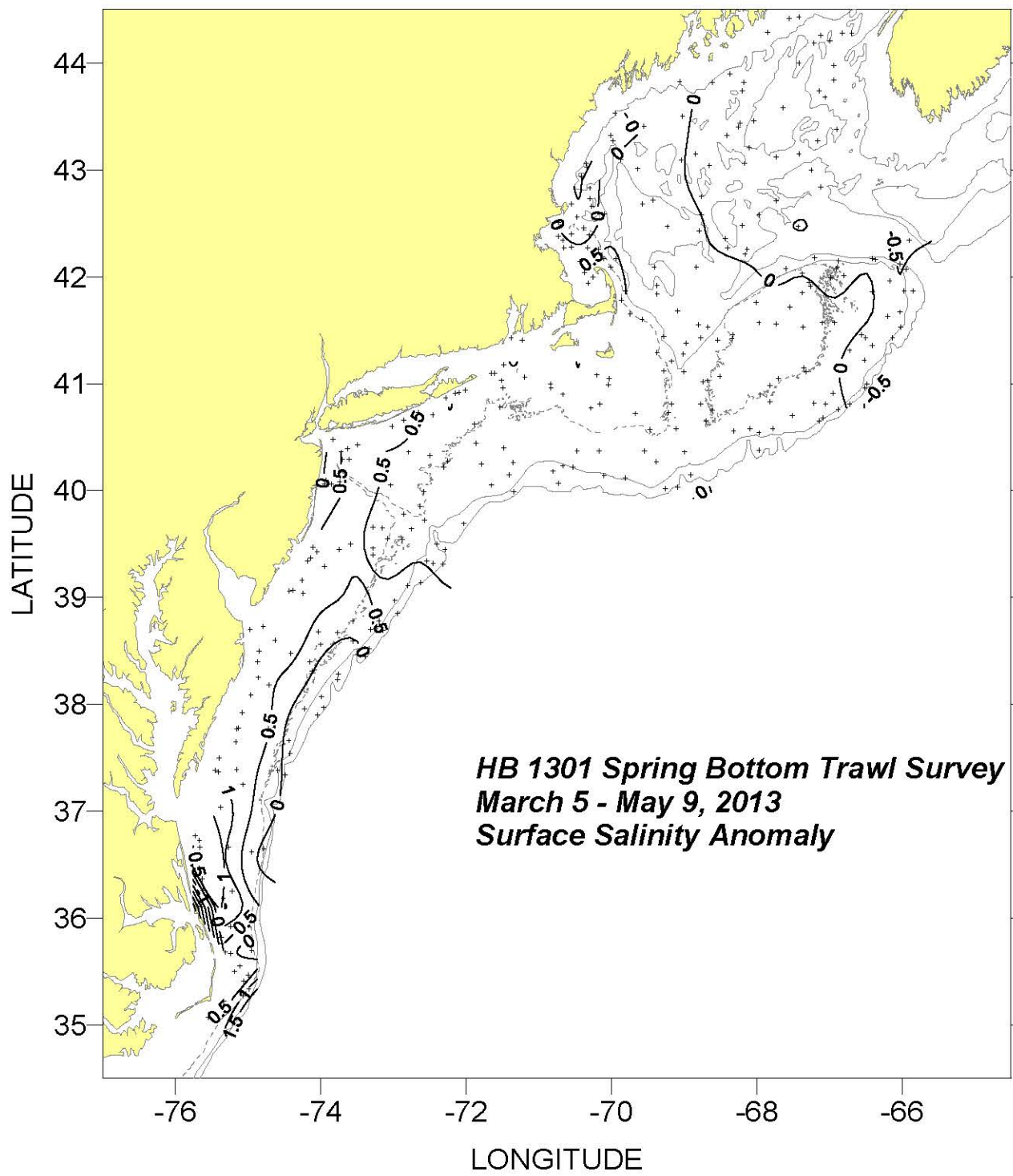
"SDV1", the standard deviation associated with the average temp/salt anomaly: "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived
"Flag", a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal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

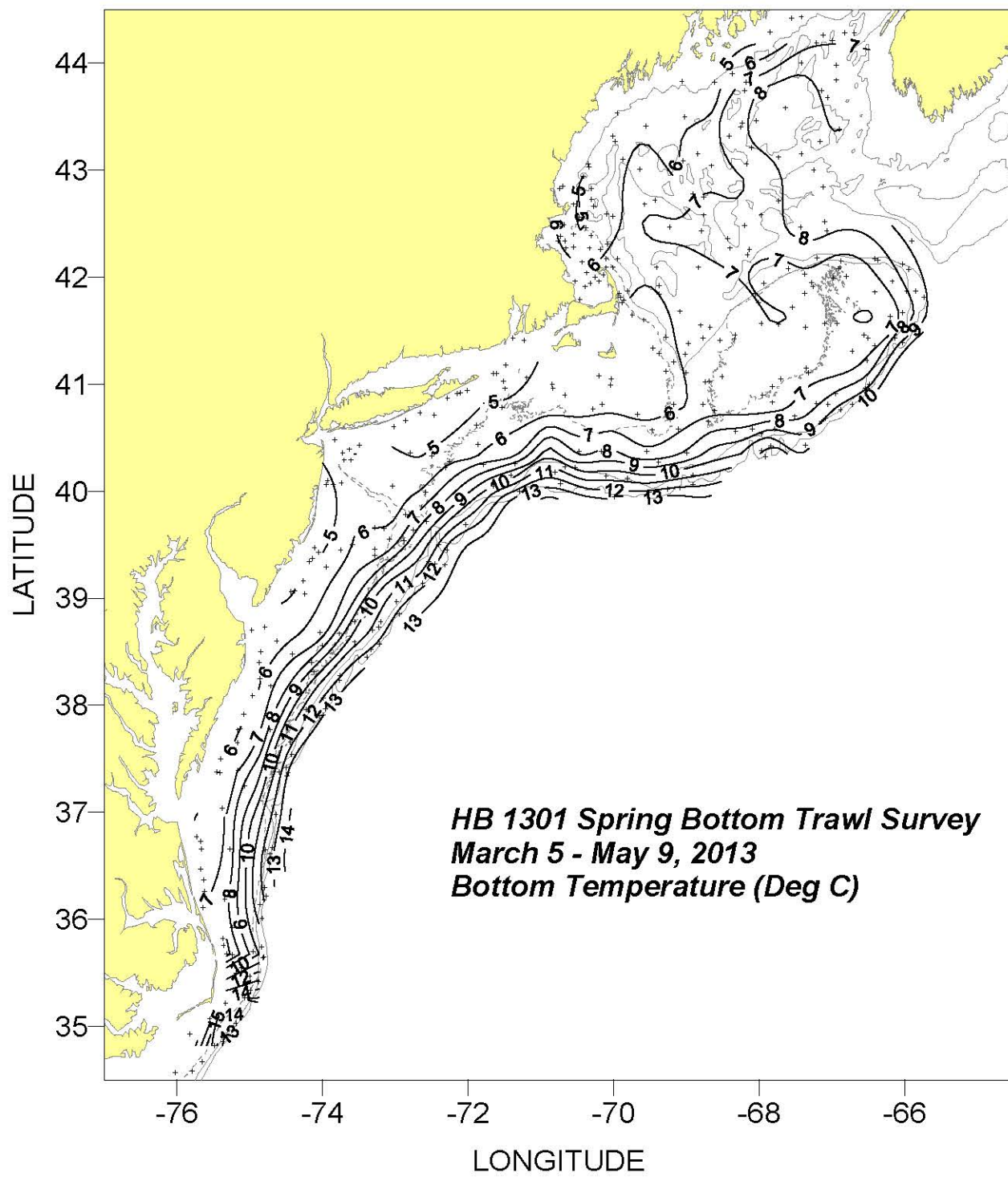
"Purpose", 2 digit code assigned by DMS to identify a unique NEFSC program survey.

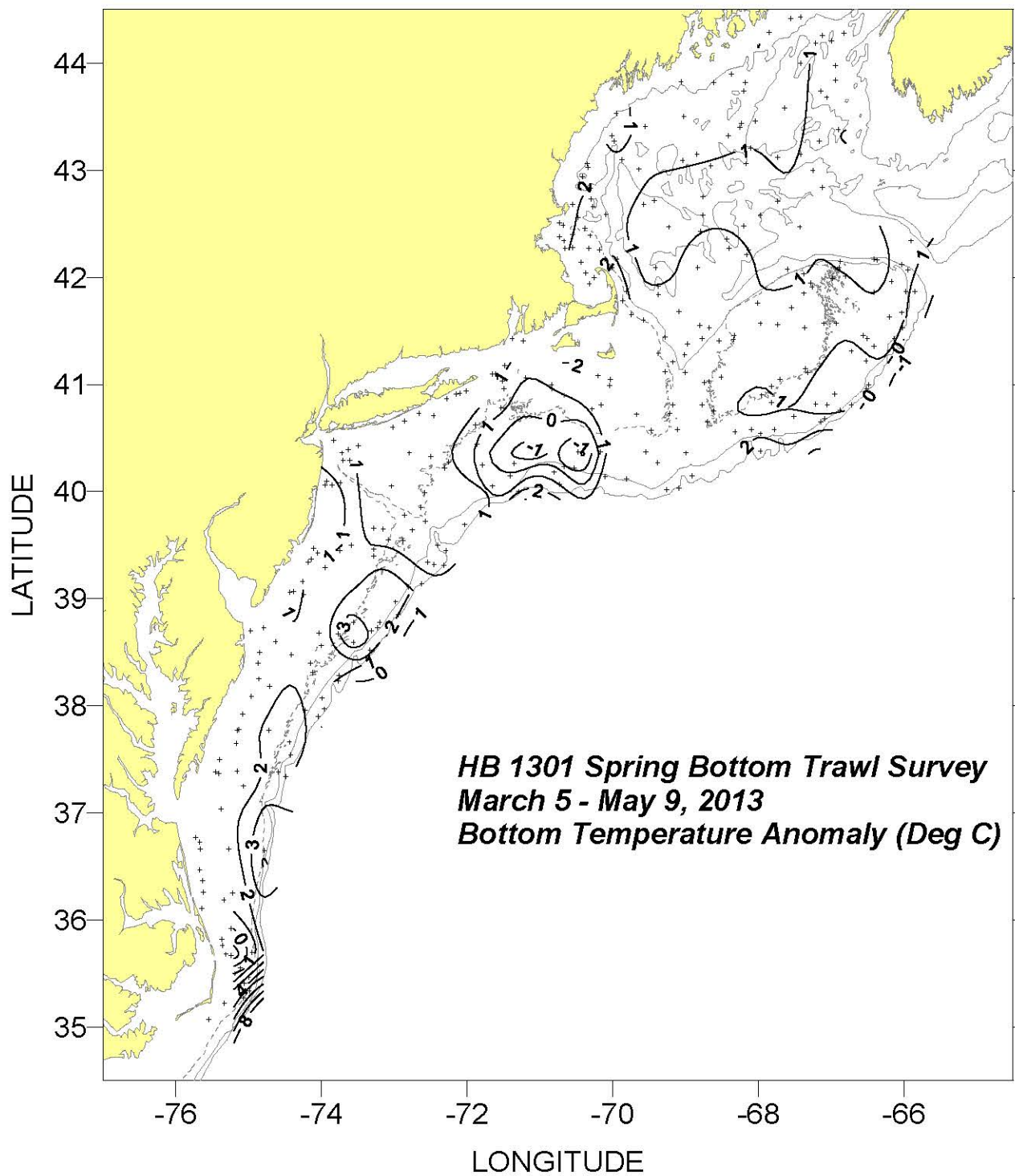


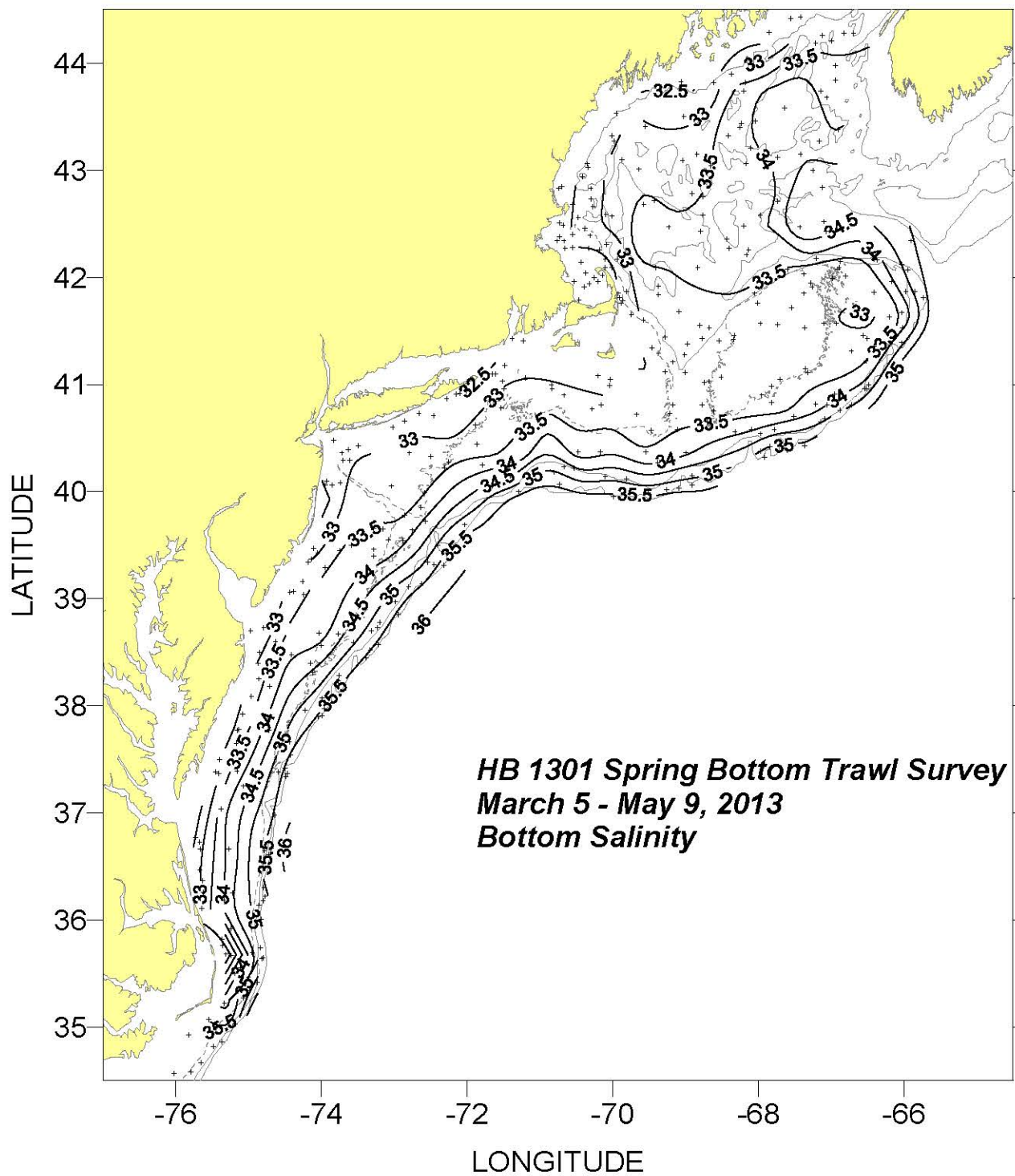


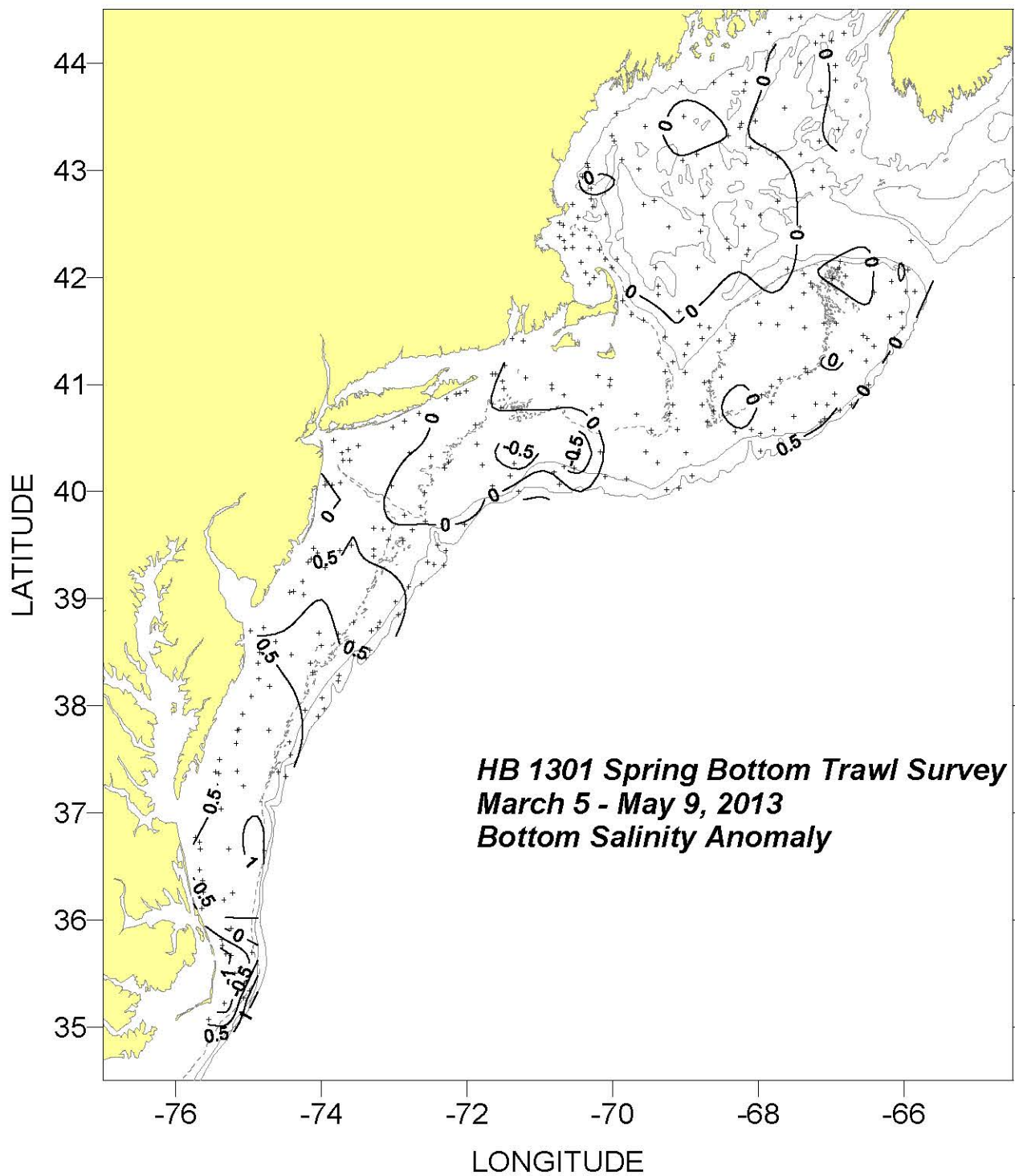












HB1301 Spring Bottom Trawl Survey
March 5 - May 9, 2013

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
001	2631	4057.6	7049.5	5	3	2013	8:25	51	3.60	32.93	4.27	33.17	7	B
002	2562	3827.0	7323.4	15	3	2013	17:08	117	7.10	33.64	12.66	35.51	7	B
003	2556	3816.9	7345.6	15	3	2013	21:34	112	7.87	33.92	12.45	35.46	4	W
004	2561	3813.5	7346.2	15	3	2013	23:10	116	7.47	33.78	12.81	35.57	3	V
005	2558	3818.4	7406.9	16	3	2013	1:43	62	7.38	33.80	9.42	34.44	6	V
006	2560	3804.3	7359.1	16	3	2013	4:49	116	8.74	34.19	12.34	35.37	8	V
007	2564	3757.9	7357.5	16	3	2013	6:34	179	8.80	34.24	12.87	35.64	7	V
008	2565	3754.6	7359.6	16	3	2013	9:25	225	9.32	34.41	12.87	35.66	5	V
009	2563	3753.9	7402.1	16	3	2013	11:41	172	9.92	34.61	13.20	35.65	8	B
010	2559	3757.8	7413.1	16	3	2013	14:19	77	7.92	33.94	12.64	35.48	8	V
011	2543	3745.9	7443.1	16	3	2013	18:00	47	7.88	34.16	7.35	34.17	1	B
012	2555	3739.5	7426.5	16	3	2013	20:25	64	8.34	34.02	11.83	35.23	6	W
013	2549	3732.2	7425.0	16	3	2013	22:04	98	10.28	34.71	12.90	35.58	7	B
014	2478	3725.0	7429.9	16	3	2013	23:46	209	10.78	34.88	12.70	35.62	7	V
015	2550	3722.7	7435.2	17	3	2013	1:52	89	8.25	33.98	11.79	35.24	6	V
016	2480	3722.3	7428.1	17	3	2013	3:31	210	11.13	34.99	13.16	35.71	6	V
017	2553	3720.6	7429.5	17	3	2013	5:09	147	9.52	34.41	13.22	35.70	4	V
018	2554	3658.6	7438.1	17	3	2013	8:04	108	9.03	34.26	13.05	35.64	6	V
019	2552	3640.2	7441.6	17	3	2013	11:37	163	10.94	34.96	12.92	35.65	6	V
020	2479	3636.8	7443.0	17	3	2013	13:28	139	9.91	34.64	12.92	35.64	7	V
021	2551	3639.1	7446.6	17	3	2013	15:11	66	8.54	34.16	12.97	35.64	5	V
022	2547	3637.0	7456.7	17	3	2013	17:01	27	8.59	34.33	8.58	34.33	11	B
023	2476	3617.8	7447.1	17	3	2013	20:12	169	9.18	34.39	12.85	35.66	3	W
024	2477	3613.2	7446.4	17	3	2013	23:31	193	9.77	34.56	12.59	35.63	3	V
025	2472	3611.0	7448.2	18	3	2013	1:23	114	9.18	34.44	12.97	35.67	7	B
026	2539	3608.1	7451.6	18	3	2013	3:12	88	8.96	34.31	11.21	35.07	5	V
027	2540	3600.3	7449.6	18	3	2013	5:19	104	9.87	34.62	13.16	35.70	6	V
028	2473	3544.6	7450.4	18	3	2013	8:30	141	13.17	34.77	10.24	34.88	7	V

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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
029	2541	3541.7	7456.7	18	3	2013	10:22	57	7.11	33.48	8.57	34.44	5	V
030	2535	3533.0	7506.8	18	3	2013	12:34	37	15.11	34.73	9.55	34.14	6	V
031	2536	3530.0	7511.5	18	3	2013	14:15	37	15.08	34.78	12.95	34.35	6	V
032	2589	3513.2	7519.8	18	3	2013	17:07	18	14.56	34.24	14.48	34.24	5	W
033	2656	3504.3	7532.9	18	3	2013	20:04	26	15.40	34.26	15.91	34.77	4	V
034	3446	3455.6	7548.9	18	3	2013	22:32	27	17.59	35.38	17.07	35.41	5	V
035	2659	3434.4	7601.3	19	3	2013	1:43	40	19.34	36.44	19.02	36.43	5	V
036	2664	3434.9	7547.3	19	3	2013	3:34	67	19.71	36.38	17.48	36.33	6	V
037	2603	3430.4	7541.4	19	3	2013	5:24	415	23.53	36.31	15.61	36.12	220	V
038	2601	3440.0	7538.8	19	3	2013	8:58	130	20.52	36.36	16.42	36.20	6	V
039	2602	3449.2	7528.5	19	3	2013	11:37	163	21.37	36.30	17.04	36.25	7	V
040	2604	3451.3	7522.3	19	3	2013	13:34	360	22.63	36.32	10.70	35.35	6	V
041	2605	3501.7	7511.5	19	3	2013	16:55	338	22.26	36.33	11.31	35.42	4	W
042	2663	3516.0	7503.9	19	3	2013	20:10	71	18.21	35.86	18.35	36.00	5	V
043	2662	3520.1	7459.1	19	3	2013	21:58	78	18.46	36.00	16.61	36.18	4	V
044	2600	3525.3	7452.9	20	3	2013	0:13	107	18.76	36.16	11.33	35.15	3	V
045	2660	3524.8	7503.4	20	3	2013	2:04	36	7.82	32.51	14.02	34.87	7	V
046	2661	3528.2	7500.2	20	3	2013	5:31	42	7.61	32.15	8.47	33.96	2	V
047	2475	3539.0	7448.2	20	3	2013	7:39	147	19.03	36.27	12.85	35.65	6	V
048	2474	3538.2	7449.1	20	3	2013	9:34	103	18.64	36.28	11.48	35.27	6	V
049	2592	3540.2	7514.6	20	3	2013	13:18	33	6.71	32.51	6.66	33.24	7	V
050	2590	3540.5	7518.7	20	3	2013	15:25	25	6.96	31.92	6.49	32.07	7	V
051	2591	3545.3	7521.4	20	3	2013	16:37	21	6.67	32.34	6.43	32.39	4	W
052	2587	3549.2	7522.0	20	3	2013	17:45	27	7.37	32.71	6.48	32.76	7	B
053	2538	3555.2	7514.6	20	3	2013	20:17	35	8.34	34.25	7.98	34.34	6	B
054	2534	3615.0	7513.3	20	3	2013	22:55	31	8.76	34.37	8.35	34.42	8	B
055	2537	3611.2	7520.5	21	3	2013	0:51	32	8.19	34.35	7.71	34.30	5	V
056	2585	3606.8	7538.3	21	3	2013	3:20	24	7.01	27.12	6.39	32.81	6	V

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057	2586	3615.4	7536.9	21	3	2013	4:49	26	6.78	31.73	6.49	33.14	6	B
058	2584	3622.1	7537.7	21	3	2013	6:35	25	6.64	31.25	6.49	33.02	6	V
059	2588	3628.1	7539.9	21	3	2013	7:52	23	6.50	31.31	6.44	32.97	6	V
060	2544	3639.4	7516.1	21	3	2013	11:34	35	6.71	33.98	6.83	34.05	4	B
061	2310	3639.4	7539.6	21	3	2013	14:28	20	6.51	30.04	6.32	32.89	4	V
062	2311	3643.6	7540.4	21	3	2013	15:45	19	6.25	31.50	6.14	32.12	6	W
063	2312	3645.9	7543.9	21	3	2013	17:07	20	6.33	30.63	6.10	31.97	6	V
064	2548	3702.2	7522.5	21	3	2013	21:01	30	6.88	33.88	6.90	33.89	5	B
065	2545	3714.7	7503.9	22	3	2013	0:22	36	7.10	34.09	7.14	34.10	6	B
066	2546	3723.5	7509.8	22	3	2013	2:46	29	6.50	33.75	6.52	33.74	5	V
067	2582	3722.1	7524.8	22	3	2013	5:03	26	5.99	33.04	6.02	33.08	6	B
068	2583	3722.8	7527.0	22	3	2013	6:16	27	5.86	32.90	5.87	32.92	7	B
069	2581	3729.7	7523.9	22	3	2013	7:58	22	5.92	32.91	5.93	32.91	7	V
070	2542	3739.2	7510.4	22	3	2013	10:23	26	6.16	33.47	6.18	33.47	7	V
071	2580	3746.6	7507.8	22	3	2013	12:01	29	5.80	33.12	5.93	33.21	6	V
072	2579	3746.2	7509.6	22	3	2013	13:43	22	5.71	32.96	5.78	33.03	6	V
073	2578	3755.0	7504.6	22	3	2013	16:49	22	5.75	32.88	5.76	33.02	5	W
074	2576	3805.1	7457.7	22	3	2013	22:16	21	5.84	32.65	5.74	32.89	5	V
075	2481	3810.9	7442.8	23	3	2013	0:19	32	6.08	33.74	6.10	33.80	6	B
076	2575	3814.7	7451.4	23	3	2013	2:13	26	5.72	32.91	5.91	33.39	5	V
077	2577	3823.7	7452.3	23	3	2013	4:43	22	5.47	32.23	5.73	33.03	8	B
078	2487	3828.8	7424.4	23	3	2013	7:50	45	6.28	33.84	6.29	33.84	7	V
079	2486	3823.7	7409.1	23	3	2013	10:07	56	7.43	33.90	7.39	33.90	8	V
080	2483	3833.5	7359.8	23	3	2013	12:04	52	7.24	33.84	7.28	33.84	8	B
081	2485	3840.5	7401.7	23	3	2013	13:43	50	6.82	33.84	6.90	33.94	6	V
082	2482	3840.2	7345.9	23	3	2013	15:49	55	6.60	33.63	6.60	33.64	4	B
083	2496	3846.8	7333.8	23	3	2013	17:52	61	6.39	33.52	8.29	34.18	4	W
084	2557	3835.2	7333.8	23	3	2013	20:16	72	6.98	33.67	11.33	35.15	5	V

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085	2568	3831.3	7319.8	23	3	2013	22:32	123	12.06	35.36	12.79	35.58	6	B
086	2571	3834.0	7312.9	24	3	2013	1:10	271	11.58	35.19	10.77	35.38	3	V
087	2495	3841.7	7318.4	24	3	2013	3:27	82	7.85	34.00	12.05	35.35	5	V
088	2494	3843.5	7313.9	24	3	2013	5:13	92	7.88	34.01	12.62	35.51	8	B
089	2566	3841.3	7308.1	24	3	2013	8:04	142	10.55	34.90	12.48	35.44	49	V
090	2498	3846.8	7311.7	24	3	2013	9:55	82	7.99	34.05	12.70	35.53	5	V
091	2569	3850.7	7256.6	24	3	2013	11:52	184	12.46	35.42	13.32	35.69	5	V
092	2497	3858.0	7258.6	24	3	2013	13:41	87	9.03	34.38	12.53	35.47	6	V
093	2570	3856.9	7250.3	24	3	2013	15:41	243	12.93	35.57	12.88	35.56	41	B
094	2567	3906.5	7248.1	24	3	2013	18:16	117	9.32	34.45	12.68	35.51	4	W
095	2626	3908.4	7236.9	24	3	2013	20:04	239	10.04	34.69	11.16	35.42	3	V
096	2627	3918.6	7219.1	24	3	2013	22:57	220	10.45	34.81	12.10	35.54	2	V
097	2621	3919.1	7226.9	25	3	2013	0:56	143	7.41	33.83	12.93	35.64	4	V
098	2623	3920.2	7232.6	25	3	2013	2:45	133	7.65	33.90	12.90	35.54	4	V
099	2490	3917.2	7356.8	25	3	2013	9:22	33	5.51	33.60	5.57	33.63	7	B
100	2303	3921.9	7408.3	25	3	2013	11:41	23	4.71	32.90	4.76	32.93	6	V
101	2306	3920.2	7410.8	25	3	2013	13:06	26	4.64	32.72	4.81	32.90	5	V
102	2305	3928.3	7406.5	25	3	2013	14:56	21	4.46	32.53	4.46	32.53	6	V
103	2304	3925.9	7402.8	25	3	2013	17:07	25	4.63	32.93	4.63	32.93	7	V
104	2484	3836.1	7437.9	26	3	2013	1:28	32	5.55	33.42	5.56	33.43	6	V
105	2574	3830.0	7450.7	26	3	2013	4:19	22	5.36	33.08	5.36	33.08	7	V
106	2573	3841.7	7457.9	26	3	2013	7:07	17	5.21	30.78	5.32	31.84	1	V
107	2572	3843.9	7447.1	26	3	2013	9:10	18	5.16	33.04	5.17	33.05	7	V
108	2493	3902.6	7414.2	26	3	2013	23:16	25	5.74	33.57	5.84	33.77	6	B
109	2309	3904.3	7423.0	27	3	2013	1:22	26	5.31	33.32	5.06	33.34	5	W
110	2307	3903.8	7425.5	27	3	2013	2:46	25	4.98	32.86	4.92	33.15	5	V
111	2308	3909.3	7415.7	27	3	2013	4:16	28	5.11	33.13	4.92	33.20	7	V
112	2492	3927.1	7344.8	27	3	2013	7:40	32	6.03	33.70	6.01	33.72	7	B

HB1301 Spring Bottom Trawl Survey
March 5 - May 9, 2013

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113	2488	3930.1	7335.4	27	3	2013	9:25	38	6.04	33.66	6.14	33.74	7	V
114	2491	3924.2	7316.9	27	3	2013	11:48	55	6.09	33.57	6.11	33.57	7	V
115	2489	3927.3	7316.7	27	3	2013	13:31	36	6.20	33.60	6.20	33.60	7	B
116	2609	3939.8	7316.8	27	3	2013	15:49	41	6.02	33.49	5.95	33.51	4	W
117	2612	3938.8	7308.7	27	3	2013	17:40	42	6.10	33.44	5.92	33.50	6	B
118	2611	3933.2	7304.8	27	3	2013	19:34	50	6.28	33.45	6.06	33.49	4	B
119	2620	3932.1	7252.5	27	3	2013	21:49	61	6.19	33.42	5.98	33.42	5	V
120	2619	3938.1	7245.0	27	3	2013	23:47	71	6.94	33.61	7.23	33.78	4	V
121	2614	3946.7	7251.7	28	3	2013	1:51	71	6.18	33.43	5.84	33.41	3	B
122	2618	3943.0	7234.2	28	3	2013	4:22	78	6.58	33.51	6.84	33.65	8	V
123	2624	3930.0	7223.7	28	3	2013	6:37	147	7.52	33.84	11.11	35.00	9	B
124	3413	3926.8	7217.6	28	3	2013	8:52	185	7.68	33.88	12.80	35.52	7	V
125	2622	3941.1	7201.8	28	3	2013	12:04	162	7.68	33.84	11.79	35.49	6	V
126	2616	3951.0	7237.5	28	3	2013	16:10	60	6.57	33.54	6.51	33.54	4	B
127	2617	3959.2	7234.7	28	3	2013	18:01	62	6.70	33.53	6.50	33.53	2	B
128	2613	4013.0	7218.4	28	3	2013	20:51	63	5.59	33.28	5.39	33.28	4	W
129	2615	4016.7	7214.7	28	3	2013	22:53	62	5.83	33.33	5.59	33.31	6	B
130	2606	4019.5	7229.7	29	3	2013	0:55	54	5.24	33.20	4.85	33.21	5	B
131	2610	4021.3	7247.5	29	3	2013	3:04	49	5.22	33.14	4.95	33.24	4	V
132	2607	4002.7	7302.1	29	3	2013	5:45	47	5.76	33.42	5.54	33.42	7	B
133	2608	4004.7	7344.6	29	3	2013	9:16	33	5.46	33.26	5.63	33.48	7	V
134	2300	4003.7	7350.9	29	3	2013	10:53	25	5.15	32.15	5.04	32.91	6	V
135	2301	4003.5	7357.0	29	3	2013	12:55	23	5.04	31.54	4.59	31.98	7	B
136	2302	4006.1	7355.9	29	3	2013	14:08	24	5.34	31.71	5.03	32.85	7	V
137	2299	4017.6	7342.0	29	3	2013	16:22	28	5.49	32.54	4.96	32.95	4	W
138	2295	4017.5	7336.3	29	3	2013	17:52	27	5.66	32.87	4.95	32.92	2	V
139	2296	4023.2	7337.9	29	3	2013	19:07	24	6.26	32.84	5.12	32.87	5	V
140	2297	4021.7	7342.9	29	3	2013	20:27	27	5.85	32.11	5.21	33.06	4	V

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141	2298	4028.9	7350.0	29	3	2013	22:02	23	5.44	30.69	5.45	33.27	4	V
142	2294	4025.7	7329.1	30	3	2013	0:28	25	5.66	32.82	4.94	32.86	3	V
143	2293	4035.7	7301.3	30	3	2013	3:10	25	5.27	32.79	4.95	32.83	4	V
144	2291	4039.8	7251.5	30	3	2013	4:39	28	5.16	32.71	4.65	32.84	7	V
145	2292	4043.9	7239.6	30	3	2013	6:13	28	5.00	32.53	4.45	32.70	8	B
146	2632	4042.5	7227.4	30	3	2013	7:58	33	4.99	32.32	4.34	32.65	7	V
147	2290	4052.2	7216.6	30	3	2013	9:52	25	4.64	31.90	4.30	32.48	8	V
148	2288	4054.7	7208.8	30	3	2013	11:36	26	4.65	31.81	4.17	32.10	7	V
149	2289	4055.2	7206.0	30	3	2013	12:31	27	4.64	31.88	4.13	32.24	6	V
150	2499	4056.5	7200.7	30	3	2013	13:37	27	4.64	31.81	4.16	32.23	7	V
151	2634	4036.9	7153.0	30	3	2013	16:17	57	5.72	33.01	5.61	33.33	5	W
152	2638	4026.5	7151.7	30	3	2013	18:00	69	6.45	33.42	6.14	33.42	3	V
153	2637	4014.8	7147.2	30	3	2013	19:58	78	6.61	33.42	6.13	33.42	3	V
154	2636	4003.0	7139.2	30	3	2013	22:17	92	6.94	33.53	10.59	34.70	6	B
155	2645	3959.6	7120.3	31	3	2013	1:16	181	8.06	33.88	12.99	35.58	108	V
156	2645	4000.1	7117.4	31	3	2013	3:13	89	7.79	33.80	13.18	35.56	1	V
159	2633	4009.2	7124.8	31	3	2013	9:49	90	7.10	33.60	8.30	34.01	8	B
160	2635	4015.7	7120.7	31	3	2013	10:51	88	7.03	33.58	7.11	33.67	7	B
161	2640	4024.1	7129.0	31	3	2013	13:22	78	6.60	33.43	6.26	33.43	20	B
162	2593	4110.6	7128.8	31	3	2013	20:45	34	5.04	32.01	4.30	32.78	4	V
163	2500	4106.2	7136.4	31	3	2013	21:38	32	4.92	32.13	4.18	32.37	5	W
164	2501	4105.9	7138.8	31	3	2013	22:37	32	4.48	32.20	4.40	32.49	5	V
165	2630	4101.7	7130.7	1	4	2013	0:25	47	5.12	32.21	4.53	33.03	3	V
166	2628	4057.5	7129.3	1	4	2013	1:49	54	4.97	32.58	4.59	33.03	2	B
167	2639	4046.9	7131.9	1	4	2013	3:55	62	5.80	33.14	5.43	33.27	7	B
168	2629	4103.5	7111.3	1	4	2013	7:43	38	4.88	32.87	4.38	32.91	5	B
169	2631	4059.7	7050.3	1	4	2013	12:37	51	5.28	32.96	5.08	33.06	7	B
170	2651	4053.7	7040.2	1	4	2013	14:34	52	5.57	33.07	5.19	33.10	7	V

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171	2597	4104.9	7012.2	1	4	2013	17:30	28	5.62	33.02	5.58	33.01	3	W
172	2599	4103.2	7001.8	1	4	2013	19:01	22	5.61	32.88	5.58	32.88	4	V
173	2596	4059.6	7002.6	1	4	2013	20:37	25	5.57	32.89	5.55	32.89	8	B
175	2652	4048.8	7009.8	2	4	2013	0:34	38	5.69	33.12	5.62	33.12	7	B
176	2648	4046.4	7017.0	2	4	2013	2:34	46	5.64	33.13	5.54	33.12	3	V
177	2319	4022.0	7010.4	2	4	2013	5:34	82	7.53	33.60	7.49	33.68	6	B
178	2320	4022.0	7028.0	2	4	2013	8:01	86	6.66	33.45	7.50	33.73	6	B
179	2643	4013.2	7031.8	2	4	2013	10:52	117	7.63	33.70	10.61	34.74	5	V
180	2644	4013.9	7040.4	2	4	2013	13:00	120	7.70	33.68	10.41	34.65	6	V
181	2641	4010.5	7047.7	2	4	2013	14:31	131	8.02	33.83	12.71	35.41	6	V
182	2642	4004.2	7043.6	2	4	2013	16:15	138	8.34	33.97	13.32	35.61	1	W
183	2333	3957.2	6959.3	2	4	2013	20:55	253	9.66	34.40	12.64	35.65	6	V
184	2329	4008.4	7005.7	3	4	2013	0:37	123	7.92	33.74	11.76	35.25	5	V
185	2321	4007.1	6948.7	3	4	2013	3:07	107	7.13	33.42	10.77	34.83	6	V
186	2330	3959.2	6930.5	3	4	2013	6:04	128	7.71	33.67	12.67	35.47	7	B
187	2328	4001.0	6915.6	3	4	2013	9:23	142	8.66	34.11	12.62	35.45	8	V
188	2332	4001.7	6905.2	3	4	2013	11:49	215	8.96	34.21	12.64	35.51	6	V
189	2334	4003.6	6854.4	3	4	2013	14:22	239	9.64	34.49	12.62	35.59	8	V
190	2331	4008.8	6854.8	3	4	2013	17:10	147	7.62	33.71	12.31	35.35	6	W
191	2326	4021.5	6859.6	3	4	2013	22:40	88	6.91	33.33	7.61	33.70	3	V
192	2325	4016.3	6922.6	4	4	2013	1:34	83	6.73	33.35	8.03	33.86	5	V
193	2324	4021.9	6932.6	4	4	2013	4:19	72	6.87	33.42	6.89	33.42	6	V
194	2649	4034.4	6928.1	4	4	2013	7:04	54	6.05	33.31	6.09	33.32	7	V
195	2650	4043.3	6939.9	4	4	2013	9:10	44	5.51	33.08	5.60	33.12	7	V
196	2327	4034.9	6906.6	4	4	2013	12:41	79	5.88	33.23	6.09	33.29	5	B
197	2323	4043.5	6912.7	4	4	2013	15:26	64	5.67	33.09	5.66	33.09	5	W
198	2322	4048.5	6910.4	4	4	2013	17:27	67	5.92	33.21	5.89	33.20	4	B
199	2594	4125.8	7122.7	9	4	2013	15:25	28	5.87	32.15	4.79	32.63	4	W

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200	2595	4124.6	7113.5	9	4	2013	17:16	22	5.90	32.41	5.37	32.47	8	B
201	2414	4107.3	6916.7	10	4	2013	6:07	52	5.69	33.15	5.70	33.15	7	V
202	2401	4112.5	6909.9	10	4	2013	8:37	95	5.96	33.21	5.86	33.24	8	V
203	2402	4106.3	6859.7	10	4	2013	11:37	94	6.11	33.29	6.11	33.30	9	V
204	2407	4117.0	6900.8	10	4	2013	14:18	151	6.53	33.32	6.33	33.40	4	B
205	2408	4122.5	6858.3	10	4	2013	16:57	146	6.76	33.37	6.29	33.40	8	B
206	2399	4126.3	6916.7	10	4	2013	20:34	92	6.21	33.09	5.63	33.18	7	W
207	2415	4117.6	6921.9	11	4	2013	0:00	52	5.84	33.12	5.65	33.12	4	V
208	2412	4120.5	6927.4	11	4	2013	1:31	33	5.79	33.06	5.78	33.06	5	V
209	2403	4136.1	6934.5	11	4	2013	4:31	67	5.82	32.78	5.49	33.08	2	V
210	3182	4138.9	6944.6	11	4	2013	6:43	44	5.95	32.59	5.18	32.90	3	V
211	3284	4145.3	6952.8	11	4	2013	8:58	24	6.21	32.53	5.15	32.64	5	V
212	3181	4146.7	6951.7	11	4	2013	12:34	40	6.25	32.55	5.06	32.66	5	V
213	3166	4152.4	6948.3	11	4	2013	14:37	89	5.73	32.60	5.68	33.16	5	V
214	2432	4205.3	6924.8	11	4	2013	18:04	212	6.79	33.28	6.57	33.47	2	W
215	2430	4154.9	6922.0	11	4	2013	21:37	206	7.08	33.36	6.55	33.46	6	B
216	2406	4150.4	6922.1	12	4	2013	0:01	189	6.84	33.32	6.55	33.46	3	V
217	2409	4140.6	6905.4	12	4	2013	3:17	167	6.53	33.26	6.21	33.36	2	V
218	2405	4132.9	6848.0	12	4	2013	6:16	156	6.79	33.38	6.17	33.38	5	B
219	2410	4125.5	6846.0	12	4	2013	8:16	134	6.85	33.40	6.39	33.42	3	V
220	2411	4132.0	6839.9	12	4	2013	10:31	133	6.84	33.40	6.36	33.42	5	V
221	2400	4124.7	6832.5	12	4	2013	14:23	87	6.51	33.40	6.51	33.40	4	V
222	2383	4127.7	6819.7	12	4	2013	18:25	53	6.25	33.13	6.26	33.13	4	W
223	2384	4125.1	6820.2	12	4	2013	21:37	55	6.27	33.15	6.27	33.15	3	V
224	3146	4104.3	6830.8	13	4	2013	4:04	53	6.33	33.05	6.33	33.05	5	V
225	2398	4101.6	6840.5	13	4	2013	7:00	53	6.40	33.14	6.39	33.14	4	V
226	2397	4101.1	6844.6	13	4	2013	8:40	69	6.43	33.15	6.43	33.22	5	V
227	2348	4048.8	6845.9	13	4	2013	11:49	66	6.53	33.12	6.53	33.12	5	B

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228	2337	4045.0	6836.5	13	4	2013	14:19	61	6.54	33.08	6.53	33.08	3	V
229	2336	4039.2	6841.9	13	4	2013	16:16	65	6.62	33.14	6.61	33.15	7	B
230	2338	4033.6	6819.2	13	4	2013	19:30	94	7.47	33.50	7.44	33.67	3	W
231	2344	4034.6	6805.5	13	4	2013	21:55	94	7.38	33.47	7.27	33.59	6	B
232	2341	4032.6	6757.9	14	4	2013	0:09	100	6.88	33.23	7.63	33.74	4	V
233	2351	4022.7	6758.4	14	4	2013	2:42	142	7.08	33.34	11.72	35.24	2	V
234	2354	4019.4	6754.6	14	4	2013	5:13	198	7.78	33.62	12.19	35.51	5	V
235	2353	4025.0	6750.3	14	4	2013	7:40	184	6.97	33.36	11.31	35.12	5	V
236	2340	4034.7	6746.8	14	4	2013	10:19	92	7.09	33.36	6.97	33.47	5	B
237	2355	4026.0	6721.4	14	4	2013	13:58	298	10.20	34.43	9.32	35.24	5	V
238	2335	4041.9	6730.4	14	4	2013	17:02	91	6.65	33.13	7.55	33.68	4	W
239	2339	4049.7	6749.1	14	4	2013	19:49	69	6.69	33.23	6.64	33.23	4	V
240	2343	4054.0	6757.0	14	4	2013	21:34	57	6.46	33.10	6.46	33.12	5	B
241	2381	4058.6	6749.0	14	4	2013	23:12	54	6.30	33.08	6.31	33.08	6	B
242	2375	4103.2	6742.0	15	4	2013	0:43	56	6.26	33.08	6.27	33.08	4	V
243	2345	4109.2	6720.7	15	4	2013	3:05	58	6.16	33.05	6.17	33.06	4	V
244	2342	4106.4	6719.1	15	4	2013	4:39	62	6.17	33.09	6.20	33.09	7	V
245	2347	4049.4	6712.5	15	4	2013	7:10	94	6.50	33.05	7.14	33.49	7	B
246	2352	4038.8	6708.1	15	4	2013	9:34	116	7.20	33.39	11.40	35.05	3	V
247	2350	4040.8	6705.2	15	4	2013	10:52	123	7.15	33.37	9.97	34.58	5	B
248	2346	4048.3	6702.7	15	4	2013	13:15	95	6.79	33.17	8.08	33.89	5	V
249	3106	4054.5	6656.9	15	4	2013	14:56	88	6.07	32.78	6.89	33.40	6	V
250	2349	4045.6	6652.9	15	4	2013	17:02	115	7.08	33.27	9.60	34.47	4	B
251	2371	4048.3	6643.4	15	4	2013	18:57	186	6.98	33.05	10.43	34.79	2	W
252	2370	4057.3	6630.6	15	4	2013	22:00	196	5.74	32.49	9.13	34.33	9	B
253	2666	4057.8	6632.4	16	4	2013	0:22	123	5.96	32.55	8.46	34.05	6	B
254	2665	4100.0	6628.7	16	4	2013	1:49	163	5.62	32.53	9.48	34.51	4	V
255	2358	4112.9	6631.1	16	4	2013	4:24	92	5.68	32.45	6.89	33.41	3	B

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256	2368	4118.8	6643.2	16	4	2013	6:34	76	6.09	33.01	6.08	33.01	1	V
257	2378	4133.9	6705.8	16	4	2013	10:06	59	6.20	33.13	6.21	33.12	1	V
258	2357	4134.4	6656.0	16	4	2013	12:07	65	6.17	33.05	6.16	33.06	6	B
259	2361	4127.3	6633.7	16	4	2013	16:19	86	6.49	32.98	6.04	32.99	7	B
260	2365	4125.9	6630.1	16	4	2013	17:34	92	6.35	32.59	6.01	32.98	6	B
261	2362	4121.4	6624.6	16	4	2013	19:04	97	5.99	32.33	6.17	33.10	4	W
262	2667	4125.9	6608.0	16	4	2013	21:34	127	5.58	32.40	7.79	33.86	4	V
263	2373	4123.5	6601.9	16	4	2013	23:32	242	6.58	32.88	10.98	35.04	3	V
264	2669	4131.6	6601.4	17	4	2013	2:05	128	5.56	32.35	7.70	33.82	3	V
265	2367	4137.7	6612.2	17	4	2013	4:22	98	6.01	32.49	6.52	33.23	3	V
266	2360	4140.4	6601.9	17	4	2013	6:13	94	5.68	32.38	7.02	33.50	6	B
267	2369	4148.4	6544.0	17	4	2013	9:10	302	4.81	32.03	8.57	34.99	8	V
268	2372	4153.6	6545.9	17	4	2013	13:43	267	5.31	32.39	8.71	35.00	52	V
269	2668	4152.1	6551.0	17	4	2013	20:49	128	5.40	32.28	8.51	34.23	3	W
270	2363	4152.2	6557.9	17	4	2013	23:01	96	5.70	32.40	6.50	33.23	5	B
271	2359	4151.7	6624.5	18	4	2013	2:12	85	6.15	32.93	6.08	32.92	3	V
272	2356	4157.6	6609.9	18	4	2013	4:25	90	4.99	32.09	6.14	33.05	5	B
273	3139	4204.0	6556.2	18	4	2013	7:05	195	5.21	32.30	9.13	35.02	2	V
274	2442	4207.4	6601.8	18	4	2013	10:07	206	4.34	31.92	9.10	35.02	9	B
275	2438	4220.5	6554.1	18	4	2013	15:31	219	4.18	31.55	9.64	35.09	3	W
276	2394	4210.2	6624.8	18	4	2013	20:07	193	6.82	32.66	7.75	33.87	6	V
277	2393	4209.5	6622.4	18	4	2013	22:02	182	6.50	32.49	7.42	33.71	6	B
278	2390	4208.9	6652.0	19	4	2013	1:15	98	6.49	33.06	6.70	33.39	4	V
279	3157	4205.0	6654.3	19	4	2013	5:04	67	6.35	33.01	6.35	33.08	5	V
280	2392	4205.2	6653.2	19	4	2013	6:31	67	6.43	33.08	6.39	33.09	5	V
281	2364	4200.7	6647.8	19	4	2013	8:55	68	6.20	32.93	6.24	32.95	5	B
282	2366	4159.1	6658.8	19	4	2013	11:36	63	6.21	32.90	6.20	32.91	4	V
283	2391	4156.4	6755.8	20	4	2013	1:13	106	7.23	33.31	6.46	33.39	3	W

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284	2389	4151.0	6803.0	20	4	2013	3:07	80	7.15	33.33	6.59	33.36	2	V
285	2387	4145.7	6800.7	20	4	2013	5:39	36	6.90	33.21	6.89	33.20	5	V
286	2388	4134.4	6758.0	20	4	2013	17:27	35	7.27	33.17	7.21	33.19	4	W
287	2377	4133.3	6743.9	20	4	2013	23:52	48	7.10	33.19	7.10	33.19	9	B
288	2374	4131.7	6721.4	21	4	2013	3:46	52	6.92	33.23	6.93	33.23	7	B
289	2382	4143.4	6732.5	21	4	2013	6:22	48	6.98	33.20	6.99	33.20	7	B
290	3144	4151.1	6722.3	21	4	2013	8:48	58	6.86	33.20	6.88	33.20	4	V
291	2376	4154.5	6715.7	21	4	2013	11:34	56	6.84	33.18	6.84	33.18	7	B
292	2386	4156.7	6716.8	21	4	2013	13:26	55	6.89	33.17	6.85	33.16	6	B
293	2385	4201.6	6722.2	21	4	2013	15:25	50	6.88	33.05	6.78	33.17	6	W
294	2396	4204.5	6735.7	21	4	2013	17:31	160	6.62	32.74	6.70	33.46	7	B
295	2395	4210.9	6712.2	21	4	2013	21:32	177	6.30	32.55	8.13	34.10	2	V
296	2447	4228.4	6725.9	22	4	2013	1:07	310	5.42	32.23	8.49	35.01	5	V
297	2448	4224.8	6703.9	22	4	2013	4:13	361	5.63	32.25	9.30	34.89	161	B
298	2448	4225.5	6704.0	22	4	2013	4:49	360	5.64	32.26	8.22	35.03	1	V
299	2446	4231.4	6705.7	22	4	2013	7:22	327	5.73	32.39	8.40	35.01	3	V
300	2466	4250.5	6706.9	22	4	2013	10:49	225	6.01	32.45	9.36	34.96	5	V
301	2467	4260.0	6714.7	22	4	2013	13:40	204	5.99	32.44	9.02	34.85	7	B
302	2465	4309.0	6725.0	22	4	2013	17:01	174	5.51	32.26	8.14	34.10	3	W
303	2462	4316.2	6709.6	22	4	2013	19:49	233	5.70	32.24	8.31	34.12	5	V
304	2453	4322.6	6654.0	22	4	2013	23:07	209	5.40	32.20	7.91	33.96	1	V
305	2449	4341.0	6703.4	23	4	2013	2:25	143	5.64	32.35	7.73	33.83	7	B
306	2452	4344.1	6708.1	23	4	2013	5:04	172	5.58	32.33	8.11	33.99	4	V
307	2451	4350.2	6656.1	23	4	2013	8:16	172	5.81	32.46	6.86	33.40	3	V
308	2454	4358.7	6656.2	23	4	2013	10:15	165	5.64	32.51	7.03	33.49	6	V
309	2458	4417.0	6641.1	23	4	2013	13:31	189	5.06	32.09	6.74	33.34	4	V
310	2457	4416.6	6649.1	23	4	2013	15:16	181	5.70	32.34	6.89	33.42	5	V
311	2456	4412.4	6659.4	23	4	2013	18:42	163	5.50	32.34	7.01	33.47	2	W

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312	2459	4415.7	6707.2	23	4	2013	21:32	136	5.41	32.38	6.89	33.40	11	B
313	2455	4411.1	6712.7	24	4	2013	0:10	142	5.62	32.42	7.08	33.51	3	V
314	2533	4425.6	6725.2	24	4	2013	3:37	78	4.22	32.07	4.29	32.13	3	V
315	2530	4425.0	6733.1	24	4	2013	5:10	61	4.38	31.94	4.31	32.12	4	V
316	2531	4417.3	6750.8	24	4	2013	7:52	67	4.39	32.02	4.35	32.06	5	B
317	2450	4359.8	6725.1	24	4	2013	12:01	186	5.54	32.28	8.23	34.08	5	B
318	2523	4344.1	6811.9	24	4	2013	17:28	183	5.50	32.14	7.94	33.87	2	W
319	2522	4348.9	6810.9	24	4	2013	20:22	184	5.20	32.11	7.65	33.75	3	V
320	2532	4354.2	6822.4	24	4	2013	23:08	119	5.27	32.21	4.92	32.58	3	V
321	2526	4349.1	6836.4	25	4	2013	3:50	162	5.14	32.15	4.90	32.57	2	B
322	2529	4349.8	6903.7	25	4	2013	8:22	70	5.08	32.05	5.07	32.05	1	V
323	2525	4330.0	6901.0	25	4	2013	12:04	135	5.58	32.30	5.74	32.97	2	V
324	2506	4147.5	7027.4	30	4	2013	23:28	19	10.15	32.15	7.06	32.14	4	W
325	2509	4154.4	7023.4	1	5	2013	0:58	35	10.04	32.06	6.59	32.17	5	V
326	2508	4157.4	7012.0	1	5	2013	3:07	32	10.42	32.22	6.97	32.24	4	V
327	2507	4201.2	7008.5	1	5	2013	5:10	23	10.49	32.11	7.67	32.15	5	V
328	2315	4200.1	7014.7	1	5	2013	7:04	46	9.79	32.19	6.58	32.31	5	V
329	2313	4202.2	7022.3	1	5	2013	9:01	56	9.48	31.88	4.75	32.50	6	V
330	2314	4210.0	7006.1	1	5	2013	12:46	47	7.26	32.24	5.97	32.45	2	V
331	3079	4205.1	7000.6	1	5	2013	15:10	58	7.67	32.26	6.12	32.44	4	B
332	2503	4148.3	6954.1	1	5	2013	17:58	24	9.90	32.37	7.06	32.34	3	W
333	2502	4151.0	6955.2	1	5	2013	18:55	25	9.25	32.36	7.34	32.34	4	V
334	3282	4205.1	7006.2	1	5	2013	23:12	27	8.56	32.26	7.26	32.28	5	V
335	2426	4210.2	6956.5	2	5	2013	1:57	172	7.21	32.45	5.50	32.97	1	V
336	2421	4218.4	7004.8	2	5	2013	4:19	117	8.55	32.28	5.35	32.83	4	B
337	2429	4234.2	7000.4	2	5	2013	7:20	145	8.09	32.46	5.84	33.22	5	V
338	2436	4240.9	6934.2	2	5	2013	10:40	253	9.31	33.07	7.76	33.94	4	V
339	2435	4243.0	6925.6	2	5	2013	13:30	213	9.05	32.91	6.82	33.54	5	V

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340	2434	4228.1	6913.8	2	5	2013	17:13	231	9.36	33.17	7.39	33.76	1	W
341	2514	4246.8	6854.4	2	5	2013	21:37	75	7.18	32.51	5.80	32.96	4	B
342	2517	4245.2	6845.8	3	5	2013	1:28	199	7.24	32.16	7.00	33.57	3	V
343	2433	4234.8	6845.4	3	5	2013	4:25	194	7.22	32.19	7.77	33.95	3	V
344	2431	4225.6	6847.2	3	5	2013	7:04	218	8.80	32.96	7.21	33.65	6	B
345	2404	4205.5	6849.6	3	5	2013	11:34	159	8.46	33.10	6.61	33.45	9	V
346	2437	4221.6	6826.0	3	5	2013	15:40	203	8.12	32.95	7.50	33.85	4	W
347	2444	4216.1	6824.2	3	5	2013	18:00	201	7.88	32.83	7.71	34.01	6	B
348	2440	4212.7	6809.3	3	5	2013	21:37	177	7.60	32.77	7.36	33.79	1	V
349	2443	4215.8	6807.6	3	5	2013	23:34	176	7.10	32.45	7.17	33.69	2	V
350	2441	4228.5	6811.8	4	5	2013	2:22	161	6.60	32.24	7.12	33.64	1	V
351	2445	4235.0	6758.4	4	5	2013	5:07	204	6.61	32.18	7.78	33.95	3	V
352	2439	4242.5	6743.5	4	5	2013	8:08	192	6.43	32.39	7.84	34.00	9	B
353	2460	4307.0	6743.6	4	5	2013	12:13	192	6.43	32.23	7.92	34.05	8	B
354	2461	4334.6	6738.2	4	5	2013	15:48	237	7.30	32.23	8.90	34.38	1	W
355	2468	4327.5	6802.5	4	5	2013	18:55	211	7.39	32.22	8.86	34.30	7	B
356	2527	4326.2	6813.5	4	5	2013	22:04	183	7.40	32.22	8.27	34.01	1	V
357	2528	4323.9	6815.0	4	5	2013	23:52	178	7.66	32.28	8.26	34.01	2	V
358	2521	4319.2	6824.8	5	5	2013	2:07	174	7.25	32.20	7.18	33.58	1	V
359	2463	4312.7	6805.9	5	5	2013	5:56	205	7.13	32.36	7.42	33.74	7	B
360	2464	4303.5	6810.0	5	5	2013	7:45	195	7.59	32.65	6.61	33.43	4	V
361	2516	4302.1	6839.0	5	5	2013	10:46	202	7.28	32.40	6.88	33.53	4	V
362	2519	4308.7	6850.4	5	5	2013	13:34	173	7.94	32.39	6.67	33.49	6	B
363	2518	4305.4	6902.1	5	5	2013	16:16	130	7.99	32.34	5.80	33.11	4	W
364	2515	4300.6	6938.2	5	5	2013	19:46	143	8.87	32.77	5.75	33.13	4	V
365	2520	4306.0	6952.4	5	5	2013	21:57	174	7.85	32.53	6.22	33.35	1	V
366	2524	4324.5	6933.1	6	5	2013	0:53	167	8.33	32.35	5.99	33.28	2	V
367	2471	4331.8	6956.8	6	5	2013	3:42	110	8.40	32.28	4.85	32.43	5	B

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368	2427	4319.0	7000.5	6	5	2013	6:19	161	9.27	31.74	5.19	32.93	5	V
369	2425	4316.4	6958.5	6	5	2013	7:34	134	9.35	31.77	5.13	32.84	4	V
370	2470	4303.4	7021.1	6	5	2013	11:40	119	9.76	30.62	4.99	32.73	3	V
371	2428	4301.5	7020.4	6	5	2013	13:04	129	9.93	30.61	5.16	32.89	4	V
372	2469	4256.5	7024.7	6	5	2013	14:34	120	10.31	30.28	4.91	32.64	4	V
373	2318	4250.7	7041.8	6	5	2013	17:25	49	9.89	31.20	5.53	32.30	4	W
374	2512	4249.7	7044.3	6	5	2013	18:49	35	10.82	30.28	5.94	32.15	4	V
375	2317	4240.7	7032.7	6	5	2013	21:49	68	9.96	30.75	4.99	32.53	2	V
376	2424	4249.9	7018.0	7	5	2013	0:22	56	9.17	32.17	5.30	32.59	7	B
377	2423	4243.9	7018.0	7	5	2013	3:55	67	9.45	32.10	5.25	32.63	5	V
378	2420	4235.4	7005.6	7	5	2013	7:16	106	8.27	32.35	5.09	32.72	5	V
379	3197	4239.3	7016.3	7	5	2013	9:03	94	9.47	32.01	5.12	32.72	4	V
380	2422	4233.5	7028.3	7	5	2013	11:41	105	9.89	31.06	5.13	32.69	3	V
381	2654	4229.6	7040.9	7	5	2013	13:46	57	10.58	31.50	5.48	32.35	4	V
382	2316	4230.3	7043.9	7	5	2013	15:25	51	10.15	31.29	5.64	32.32	6	V
383	3081	4222.8	7044.0	7	5	2013	17:45	50	10.35	31.61	5.98	32.21	4	W
384	2513	4220.5	7045.3	7	5	2013	20:00	31	10.48	31.69	6.81	31.93	4	V
385	2653	4220.4	7040.2	7	5	2013	22:25	59	10.27	31.60	5.47	32.37	6	V
386	3297	4216.4	7038.8	8	5	2013	0:09	40	11.00	31.66	6.24	32.19	5	V
387	2655	4216.7	7033.2	8	5	2013	1:43	67	9.63	31.59	5.05	32.55	3	V
388	2418	4223.7	7032.8	8	5	2013	3:39	91	10.26	31.09	4.49	32.72	4	V
389	3189	4227.3	7023.0	8	5	2013	5:40	70	10.25	31.17	5.13	32.58	4	V
390	2417	4223.6	7018.5	8	5	2013	9:37	41	9.86	31.91	6.01	32.39	5	V
391	3187	4215.7	7010.7	8	5	2013	13:28	48	9.61	32.01	5.53	32.47	5	V
392	2419	4215.9	7019.8	8	5	2013	15:26	59	10.34	31.86	5.15	32.52	4	W
393	2416	4208.6	7025.9	8	5	2013	17:49	64	10.81	31.74	5.07	32.47	4	V
394	2505	4157.4	7031.7	8	5	2013	20:55	28	11.58	31.92	7.86	31.94	4	V
395	3292	4156.4	7019.2	9	5	2013	0:26	39	11.32	32.09	6.81	32.16	5	V