21 August, 2008

Memo To: Jon Hare
Linda Despres

From: Cristina Bascuñán (x2243)

Re: Spring Trawl Calibrations – HB0803

CTD data from the Spring Trawl calibrations have been processed and are now available. There were 52 casts done, including 19 for salinity calibrations.

Please note that cast numbers start from 187.

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

- /ftp/pub/hydro/hb0803.dat (NODC file)
- octemps

Please call if you have any questions.

Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for Spring Trawl Calibration Cruise - HB0803.

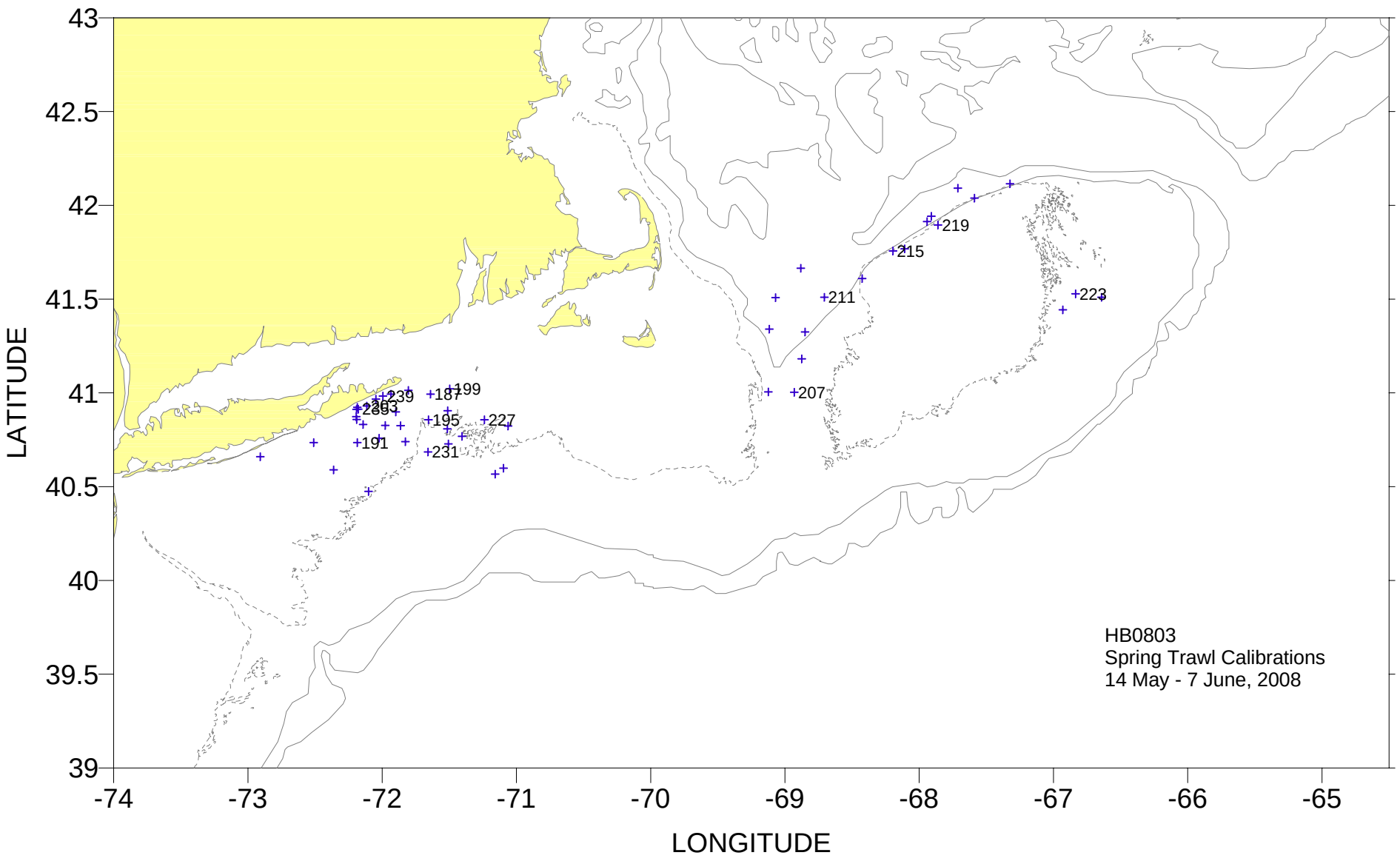
		SURFACE						BOTTOM						
CRUISE	CD	#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	Purpose
						MAB North								
HB0803	144	30	11.1	0	0.22	0.97	1	30	8.26	2.01	0.23	1.68	1	70
HB0803	144	28	31.51	-0.24	0.16	0.83	1	30	32.27	-0.57	0.13	0.77	1	70
						Georges Bank								
HB0803	153	8	8.88	0.57	0.35	2.36	1	8	7.66	0.47	0.34	3.88	1	70
HB0803	153	8	32.59	-0.17	0.21	1.8	1	8	32.27	-0.57	0.13	0.77	1	70
						Gulf of Maine West								
HB0803	152	8	10.13	0.51	0.36	2.20	1	8	6.22	-0.26	0.29	3.64	1	70
HB0803	152	8	32.44	-0.07	0.22	1.68	1	8	32.96	-0.13	0.17	1.59	1	70
						Gulf of Maine East								
HB0803	153	6	9.73	0.98	0.38	4.18	1	6	6.89	-1.01	0.38	6.98	1	70
HB0803	153	6	32.57	-0.33	0.23	3.15	1	6	33.11	0.13	0.23	2.97	1	70

"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.

HB0803
Spring Trawl Calibration
14 May - 7 June 2008

Cast	Sta	Lat	Lon	Day	Mo	Year	Time	Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Btm
187	1	4059.6	7138.4	14	5	2008	18:10	44	8.9	32.16	7.9	32.22	4
188	2	4100.8	7148.3	14	5	2008	20:01	28	9.5	30.42	8.8	31.60	5
189	5	4049.6	7158.6	15	5	2008	0:41	39	9.0	9999	7.9	32.30	3
190	6	4049.9	7208.5	15	5	2008	2:07	38	9.8	31.84	7.9	32.24	3
191	7	4044.1	7211.1	15	5	2008	3:43	44	8.9	32.07	7.7	32.17	2
192	8	4045.5	7201.4	15	5	2008	5:25	44	8.8	32.11	7.8	32.38	4
193	9	4044.4	7149.6	15	5	2008	7:11	54	8.6	99.99	7.9	32.56	4
194	10	4049.5	7151.8	15	5	2008	8:13	41	8.8	32.05	7.7	32.43	4
195	11	4051.4	7139.3	15	5	2008	10:16	57	8.6	32.53	7.5	32.56	4
196	13	4043.7	7130.4	15	5	2008	13:22	64	8.2	32.60	5.7	32.76	4
197	14	4048.5	7130.9	15	5	2008	14:43	62	8.4	32.47	6.7	32.58	4
198	15	4054.3	7130.7	15	5	2008	16:06	55	8.8	32.54	7.5	32.59	2
199	16	4101.3	7129.8	15	5	2008	17:37	48	8.9	32.32	7.9	32.50	4
200	17	4053.9	7153.9	15	5	2008	19:25	53	9.0	32.26	6.9	32.55	4
201	18	4059.6	7156.1	15	5	2008	21:43	18	10.6	9999	9.5	30.95	2
202	19	4058.0	7202.8	15	5	2008	23:07	17	10.4	9999	9.6	30.84	3
203	20	4055.8	7206.9	16	5	2008	0:31	24	11.1	30.60	9.4	31.39	4
204	21	4054.7	7211.5	16	5	2008	2:49	22	11.6	30.48	9.3	31.41	4
205	22	4052.4	7211.6	16	5	2008	4:46	29	11.9	30.02	9.0	31.75	4
206	200	4100.3	6907.4	29	5	2008	9:13	70	8.8	32.11	7.8	32.62	4
207	202	4100.2	6855.8	29	5	2008	12:31	70	8.9	32.61	8.5	32.73	4
208	205	4110.9	6852.5	29	5	2008	19:30	94	10.4	31.79	5.4	32.77	4
209	209	4120.4	6907.0	30	5	2008	1:23	160	9.8	32.21	4.8	33.00	5
210	212	4119.5	6851.0	30	5	2008	6:13	124	10.4	9999	4.8	32.98	3
211	215	4130.6	6842.4	30	5	2008	12:28	136	10.1	9999	5.1	33.09	3
212	220	4130.5	6904.2	30	5	2008	18:07	130	10.9	9999	4.8	33.04	4
213	223	4139.9	6852.9	31	5	2008	0:26	141	10.8	9999	4.8	33.07	4
214	228	4136.6	6825.5	31	5	2008	6:20	57	9.5	32.87	9.2	32.86	4
215	231	4145.4	6811.7	31	5	2008	13:07	60	9.8	32.56	8.7	32.81	4

216	235	4146.1	6806.5	31	5	2008	18:19	41	9.6	32.69	7.6	32.80	5
217	238	4154.8	6756.5	1	6	2008	0:04	90	9.9	32.66	7.2	32.82	4
218	241	4156.5	6754.6	1	6	2008	12:49	102	9.9	32.70	6.0	33.03	1
219	244	4153.7	6751.6	1	6	2008	17:40	51	9.8	32.64	7.6	32.80	3
220	248	4202.3	6735.3	1	6	2008	23:46	70	9.1	32.73	8.6	32.75	3
221	251	4206.9	6719.4	2	6	2008	6:52	71	9.7	32.58	5.3	33.12	5
222	256	4205.5	6742.7	2	6	2008	13:15	183	10.0	32.08	6.6	34.14	3
223	261	4131.7	6650.1	3	6	2008	0:49	69	8.1	32.92	7.8	32.93	4
224	263	4130.6	6638.5	3	6	2008	6:05	77	7.9	32.93	7.6	32.92	2
225	267	4126.6	6655.8	3	6	2008	11:58	66	8.1	32.91	8.1	32.93	5
226	270	4049.4	7103.7	4	6	2008	9:26	55	14.0	31.99	7.0	32.64	5
227	272	4051.4	7114.3	4	6	2008	11:55	57	14.5	31.50	6.4	32.67	4
228	277	4046.1	7124.3	4	6	2008	19:13	60	14.4	9999	6.6	32.89	5
229	280	4035.9	7105.8	5	6	2008	0:16	70	12.5	32.12	10.2	34.05	3
230	284	4034.0	7109.5	5	6	2008	7:16	71	13.8	32.01	10.5	34.13	7
231	287	4041.1	7139.5	5	6	2008	12:49	71	13.6	30.37	6.7	32.96	3
232	290	4028.5	7206.1	5	6	2008	17:43	58	14.2	31.53	6.7	32.75	4
233	295	4044.1	7230.6	6	6	2008	0:25	32	14.9	30.47	8.3	32.16	2
234	299	4035.4	7221.7	6	6	2008	5:50	44	14.1	31.14	7.5	32.51	4
235	304	4054.8	7210.7	6	6	2008	12:16	21	13.4	30.38	13.6	30.66	4
236	310	4055.4	7211.1	6	6	2008	23:34	18	13.9	30.51	11.8	30.79	3
237	315	4051.5	7211.4	7	6	2008	5:41	31	13.1	30.46	10.2	31.35	5
238	319	4039.6	7254.5	7	6	2008	12:21	26	14.5	29.68	9.0	32.05	3
239	321	4059.0	7159.7	7	6	2008	19:47	20	14.3	30.46	10.8	31.06	3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-68
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211
223
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187
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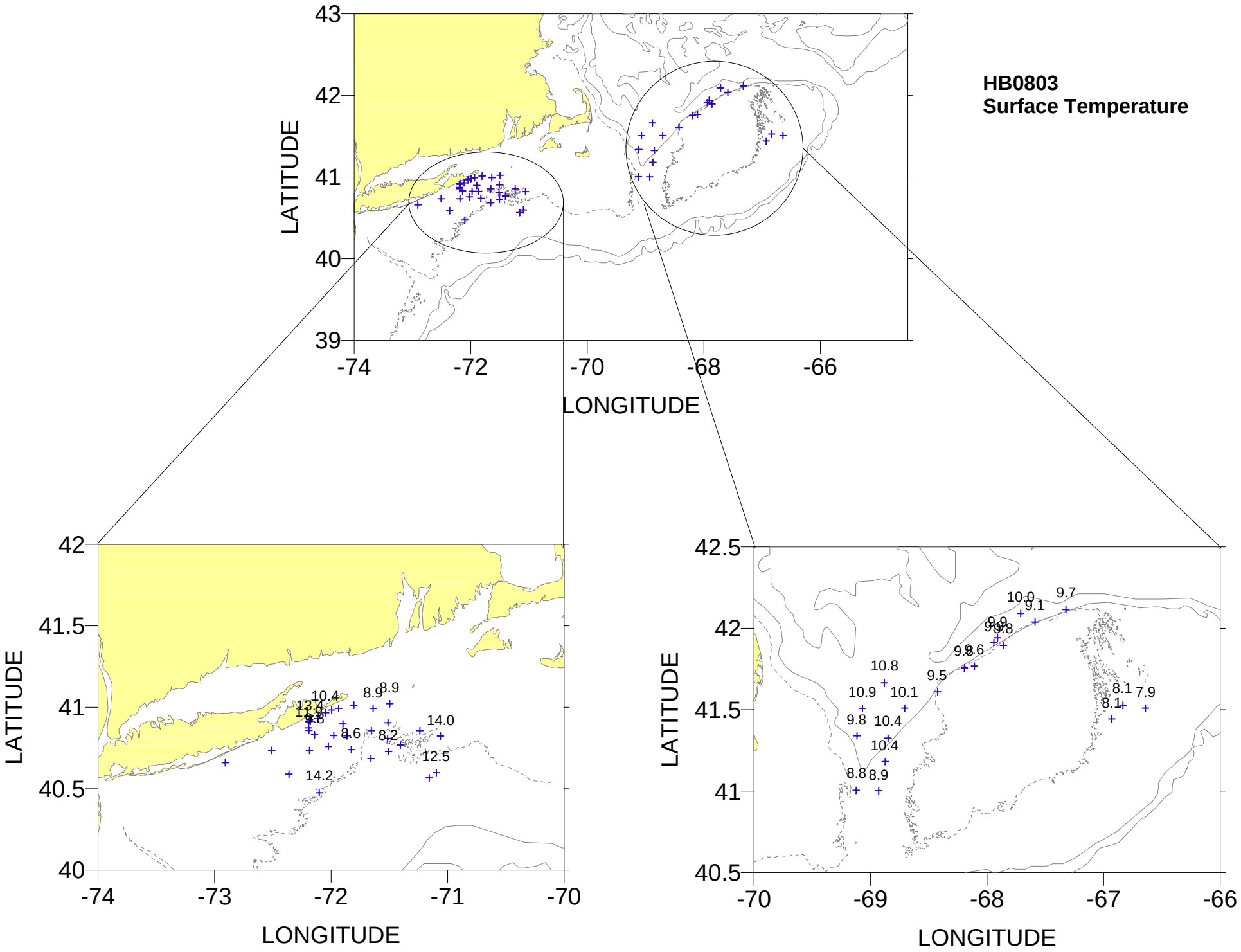
231
HB0803
Spring Trawl Calibrations
14 May - 7 June, 2008


HB0803
Surface Temperature
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LONGITUDE
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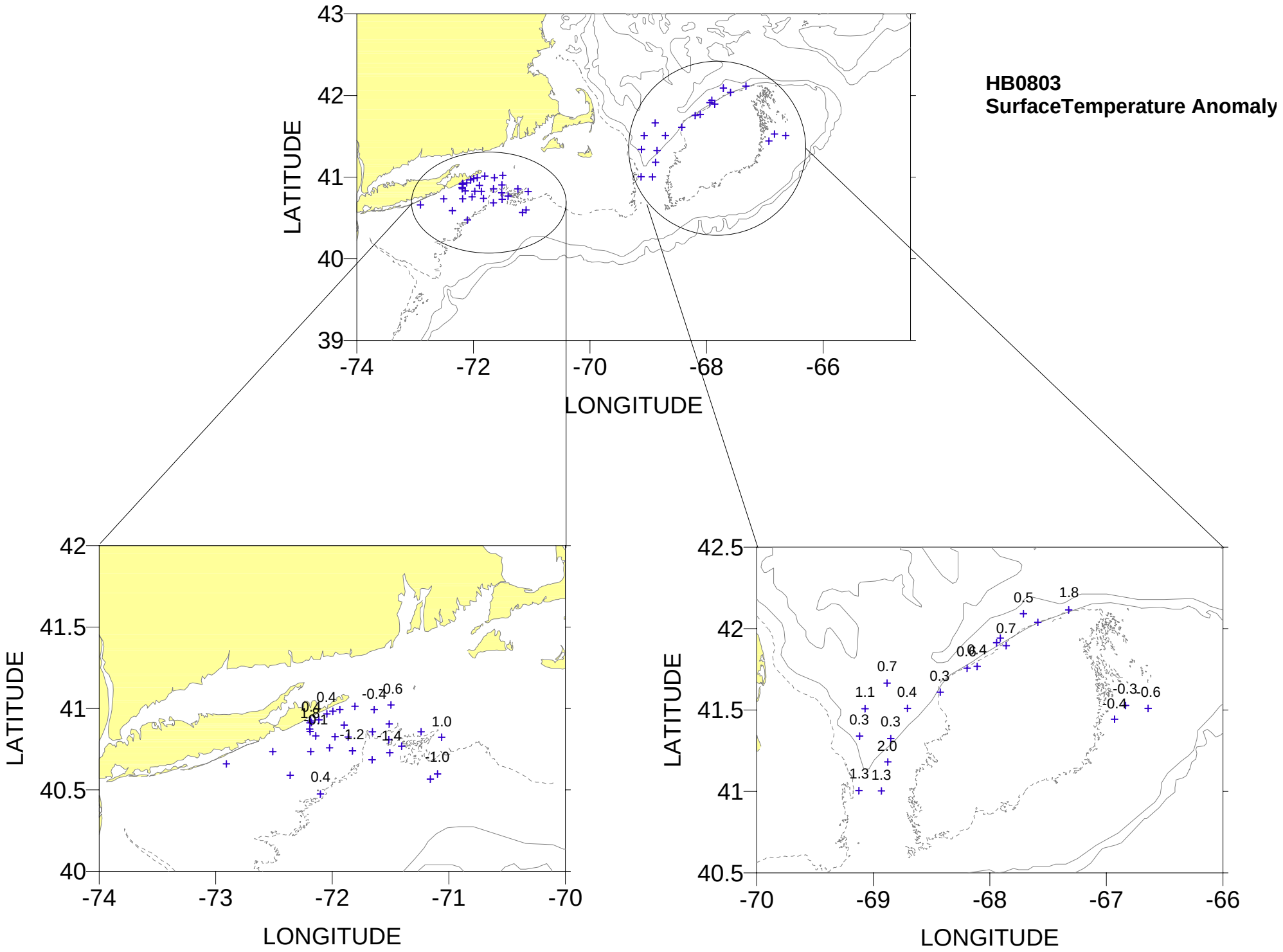
HB0803
SurfaceTemperature Anomaly
LATITUDE
LONGITUDE
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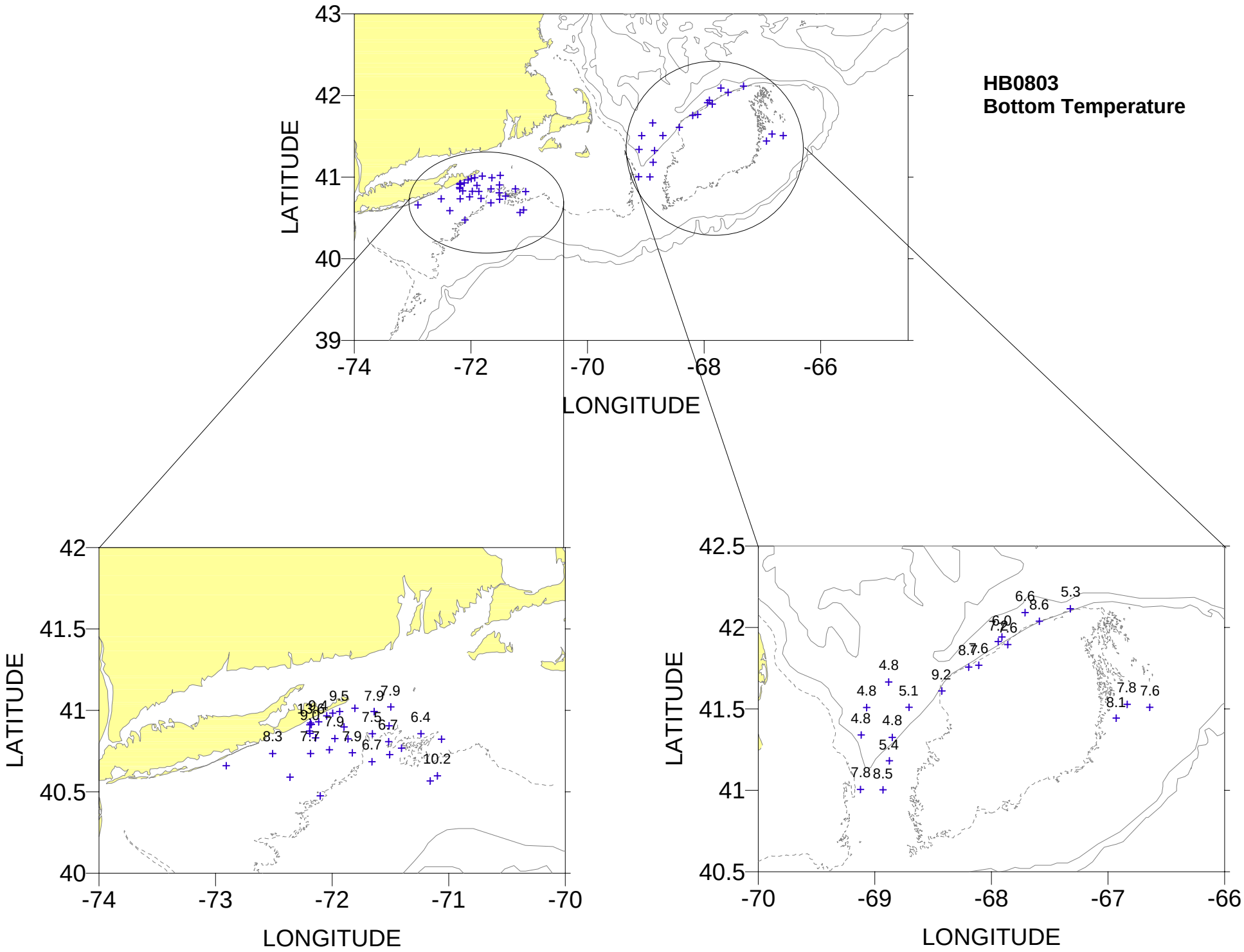
HB0803
Bottom Temperature
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LONGITUDE
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-68
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40.5
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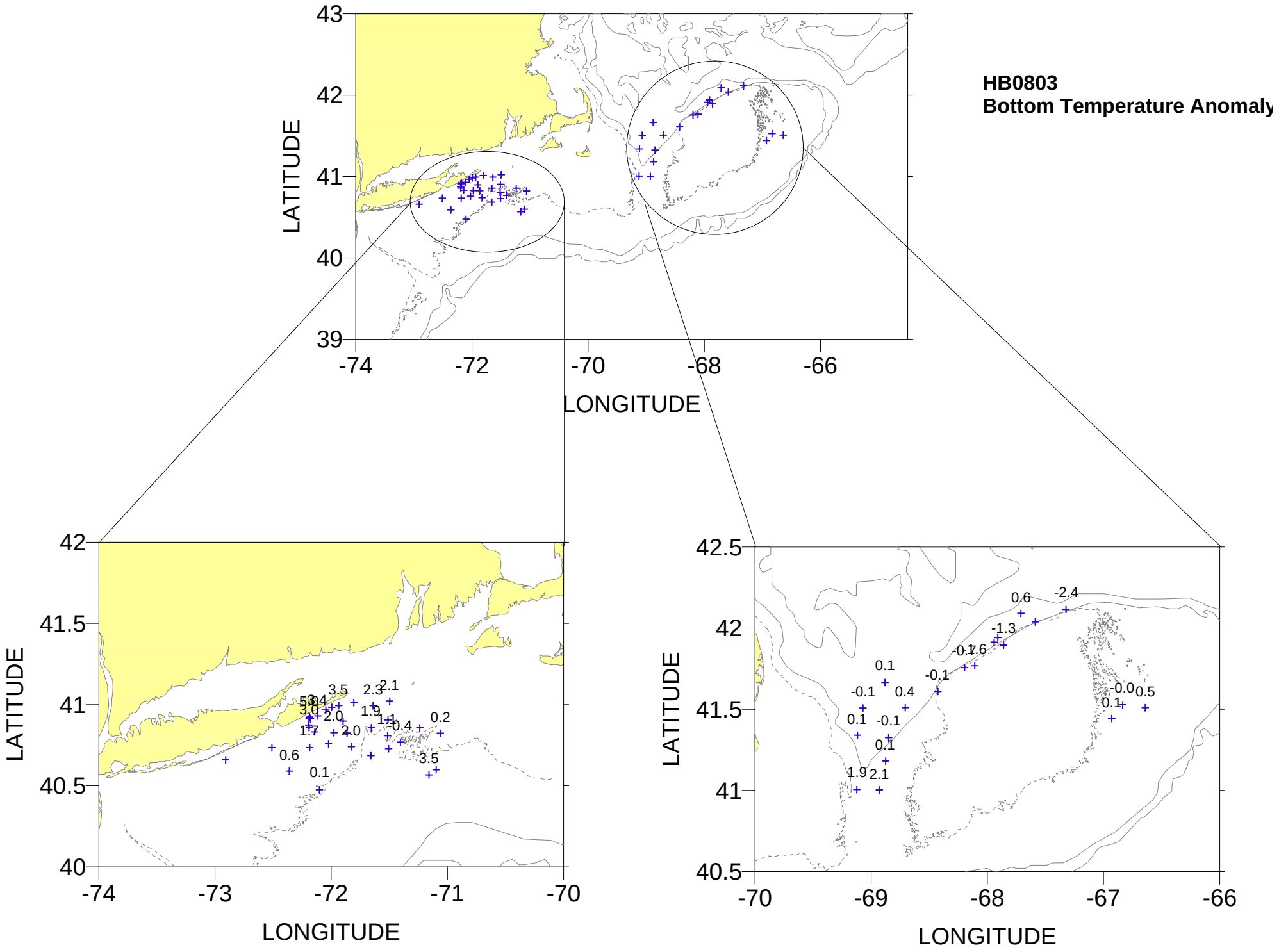
HB0803
Bottom Temperature Anomaly
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LONGITUDE
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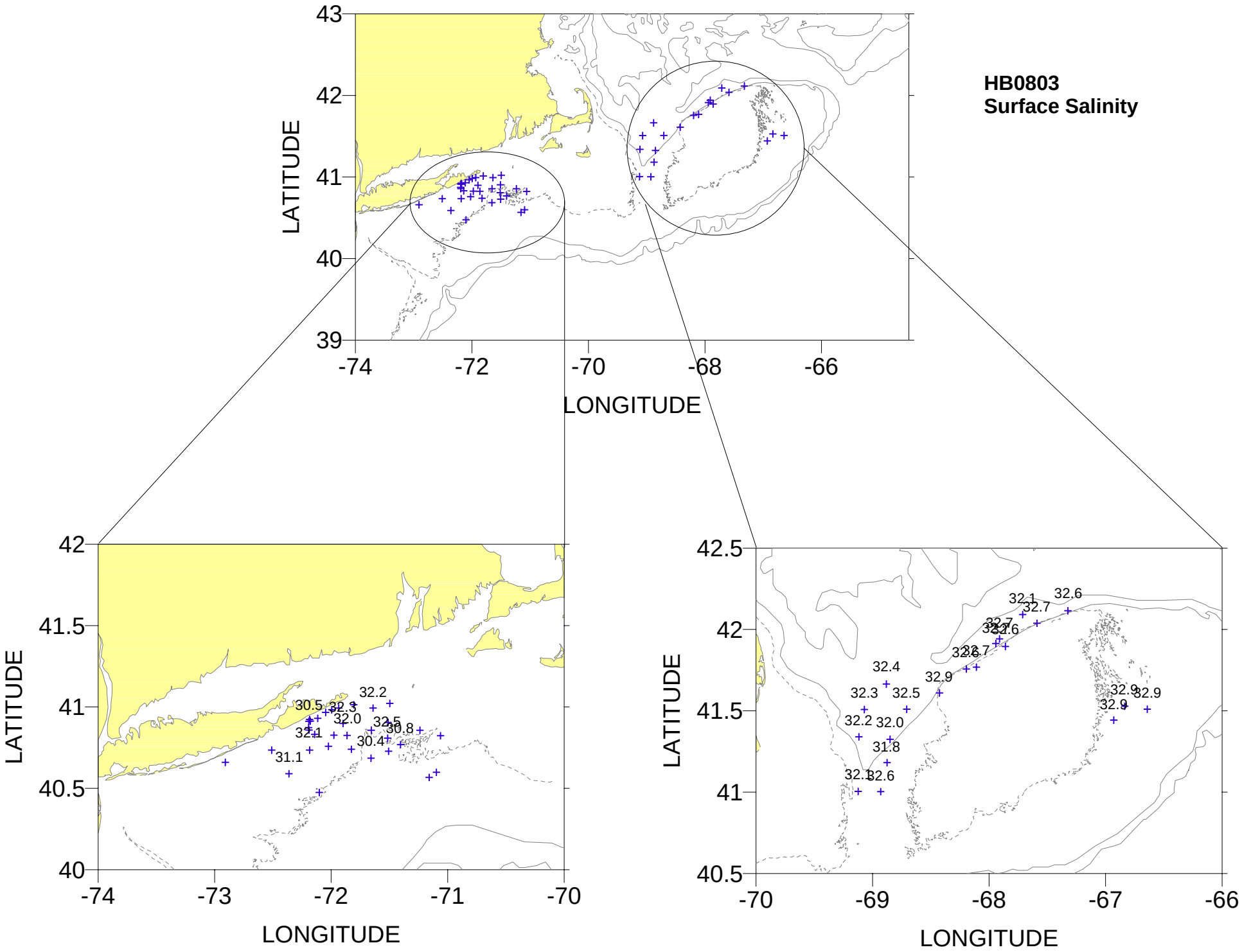
HB0803
Surface Salinity
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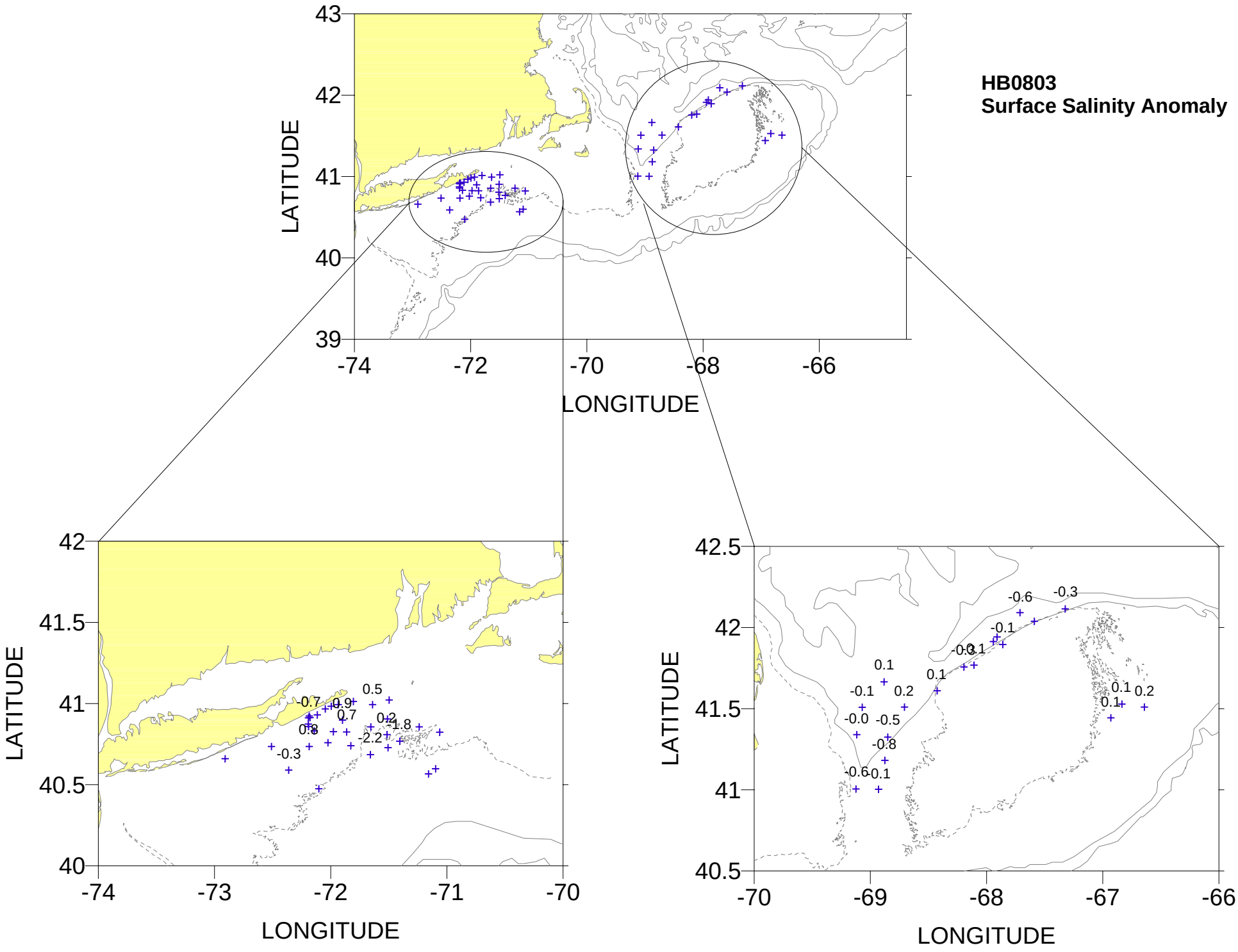
HB0803
Surface Salinity Anomaly
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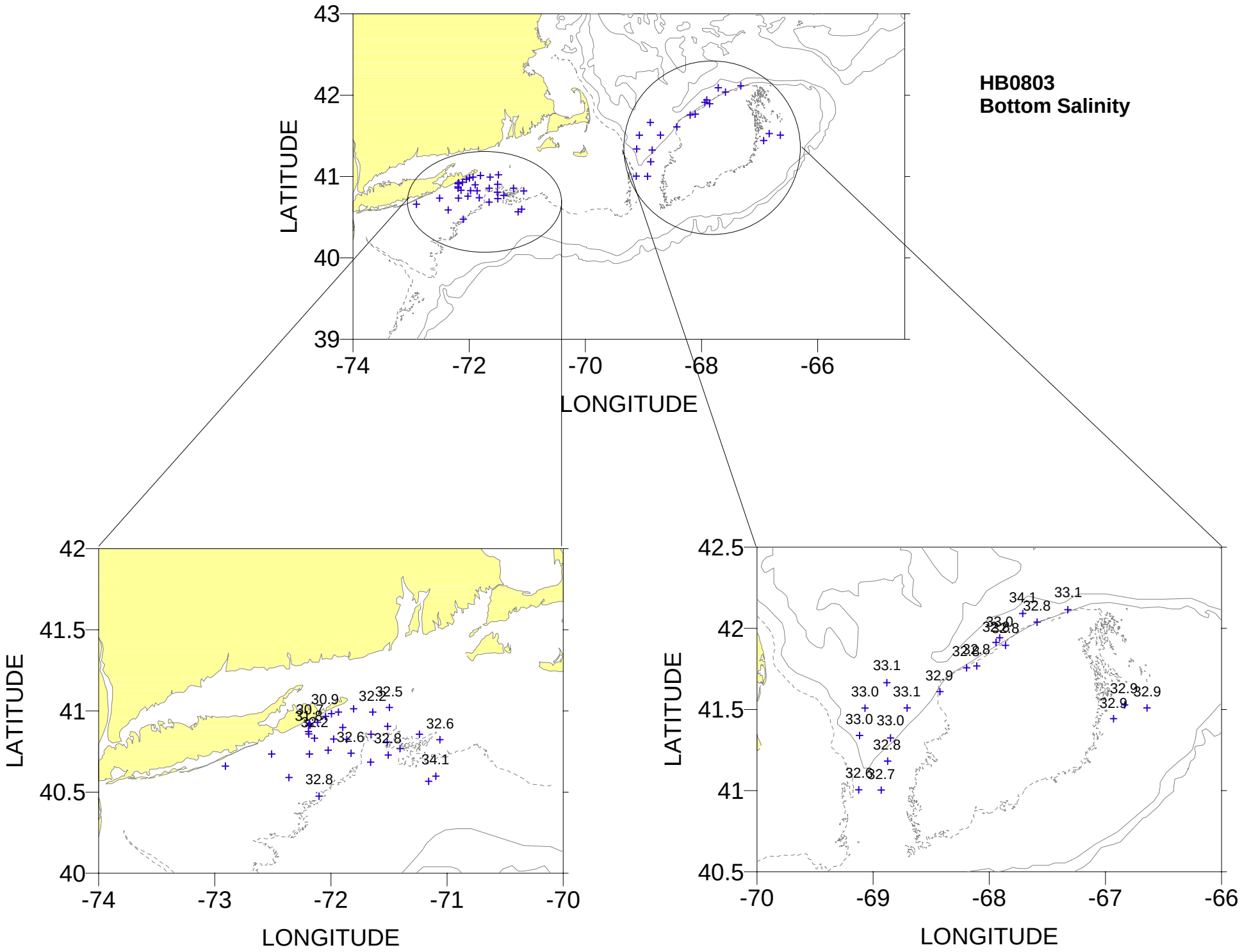
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Bottom Salinity
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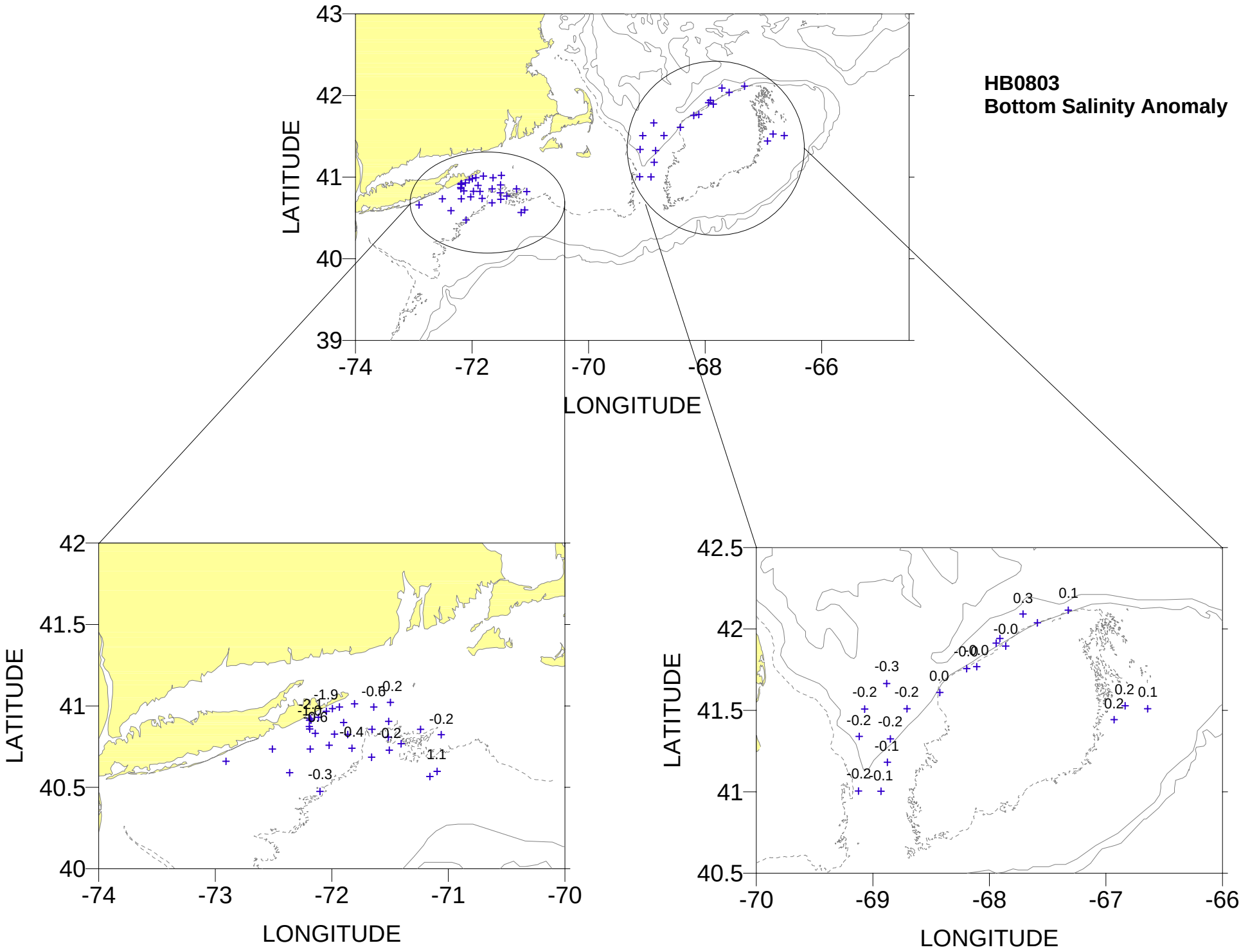
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Bottom Salinity Anomaly
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