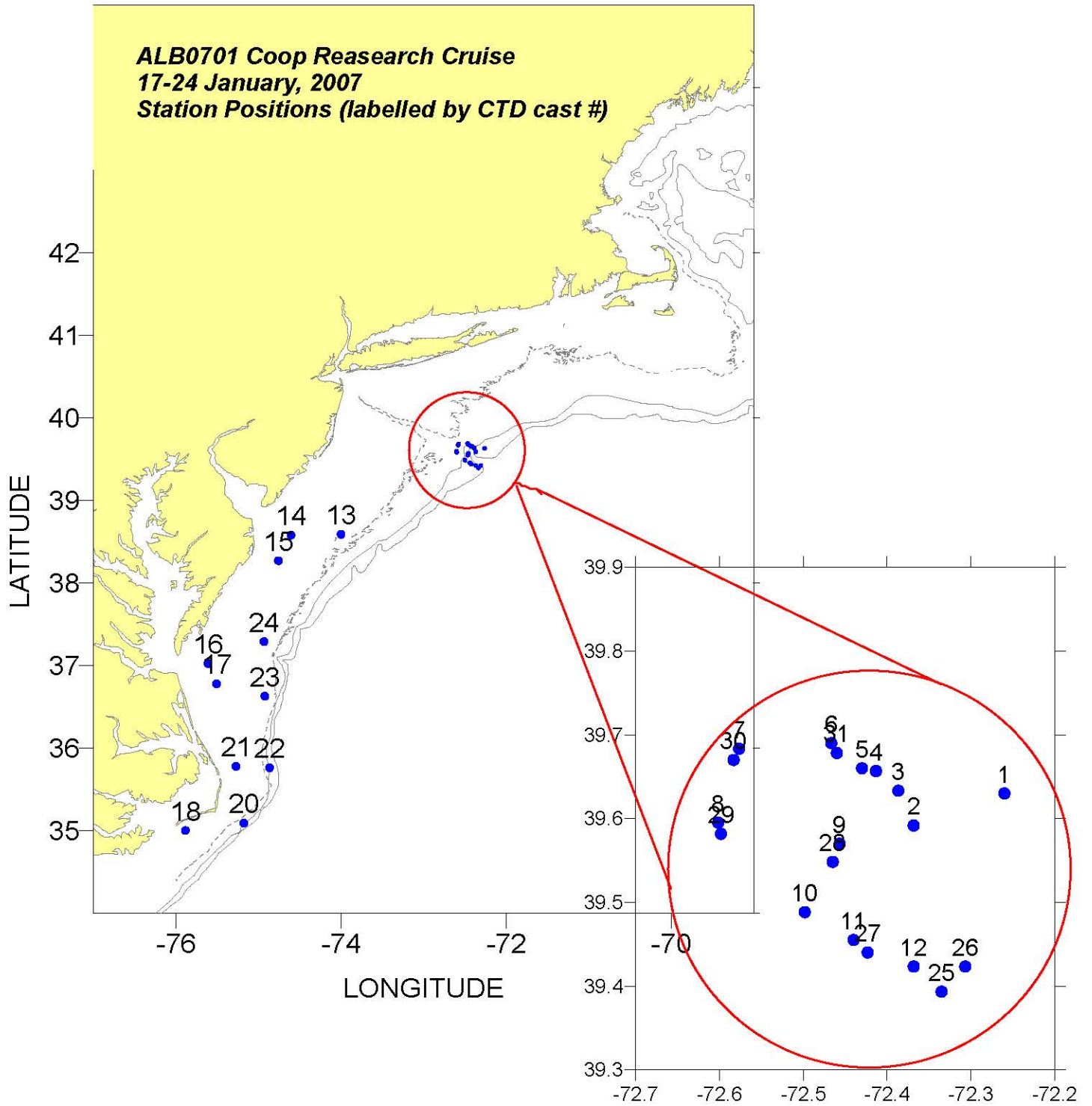


*Oceanography Branch CTD Data Report
ALB0701 COOPERATIVE RESEARCH CRUISE*

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

DATE: 26 March 2007

**ALB0701 Coop Research Cruise
17-24 January, 2007
Station Positions (labelled by CTD cast #)**



ALB0701 COOPERATIVE RESEARCH CRUISE
17 - 24 January, 2007

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Bottom
1	1	3937.8	7215.6	17	1	2007	14:40	118	11.84	33.83	14.70	35.50	1
2	2	3935.5	7222.1	17	1	2007	20:13	103	11.94	33.93	14.79	35.50	4
3	3	3938.0	7223.2	17	1	2007	21:19	129	12.02	33.97	13.54	35.58	2
4	4	3939.4	7224.8	18	1	2007	11:04	101	11.87	33.91	14.75	35.41	6
5	5	3939.6	7225.8	18	1	2007	12:40	101	11.97	33.95	14.71	35.36	5
6	6	3941.4	7228.0	18	1	2007	13:52	87	12.40	34.11	14.47	35.27	3
7	7	3941.0	7234.6	18	1	2007	15:26	73	12.35	34.20	14.07	35.08	4
8	8	3935.7	7236.1	18	1	2007	16:57	75	11.15	33.66	13.98	34.79	4
9	9	3934.2	7227.4	18	1	2007	18:13	100	12.16	34.08	14.75	35.39	4
10	10	3929.3	7229.9	18	1	2007	19:31	111	11.67	33.89	14.92	35.36	5
11	11	3927.3	7226.4	18	1	2007	20:38	118	11.80	33.94	14.80	35.63	6
12	12	3925.4	7222.1	18	1	2007	21:52	135	11.81	33.94	13.74	35.69	10
13	13	3835.3	7400.0	19	1	2007	11:07	52	10.88	33.42	12.80	34.21	6
14	14	3834.7	7436.4	19	1	2007	16:13	29	9.65	32.11	11.69	33.41	5
15	15	3816.1	7445.6	19	1	2007	20:40	23	10.12	32.24	10.38	32.46	4
16	16	3701.3	7536.7	20	1	2007	11:19	23	10.94	31.96	10.96	31.96	4
17	17	3646.6	7530.5	20	1	2007	14:18	20	11.04	31.89	11.04	31.89	4
18	17*	3459.9	7553.2	21	1	2007	11:13	23	16.39	99.99	16.37	35.40	5
20	18	3505.3	7510.6	21	1	2007	17:00	170	24.11	36.27	20.68	36.42	6
21	19	3546.6	7516.4	22	1	2007	11:19	34	13.27	33.32	14.60	34.26	3
22	20	3545.6	7452.0	22	1	2007	14:34	96	15.39	34.52	14.38	35.58	5
23	21	3637.6	7455.4	23	1	2007	11:07	32	12.30	33.87	13.35	34.26	6
24	22	3717.3	7456.0	23	1	2007	16:13	40	12.00	34.15	12.02	34.16	7
25	23	3923.6	7220.1	24	1	2007	13:28	145	13.18	34.65	14.66	35.75	6
26	24	3925.4	7218.4	24	1	2007	14:33	154	12.35	34.41	13.81	35.62	8
27	25	3926.4	7225.4	24	1	2007	16:10	126	12.43	34.46	14.61	35.69	3
28	26	3932.9	7227.9	24	1	2007	17:34	103	11.88	34.25	13.54	35.16	3
29	27	3934.9	7235.9	24	1	2007	19:01	79	11.58	34.18	12.29	34.66	5
30	28	3940.2	7235.0	24	1	2007	20:40	73	11.85	34.31	12.53	34.76	6
31	29	3940.7	7227.6	24	1	2007	21:57	91	11.93	34.22	12.55	34.46	4

* station number as it was entered on logsheet

Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the 2007 Cooperative Research Cruise ALB0701

CRUISE	CD	SURFACE						BOTTOM						Purpose
		#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	
MAB North														
alb0701	17	2	11.93	1.19	1.03	8.55	1	0	0	-9.99	-9.99	-9.99	1	0
alb0701	17	2	33.9	-0.46	0.69	3.02	1	0	0	-9.99	-9.99	-9.99	1	0
MAB South														
alb0701	20	27	11.79	2.73	0.27	1.68	1	15	12.77	4.22	0.35	2.38	1	0
alb0701	20	27	33.74	-0.1	0.19	0.59	1	15	34.07	0.25	0.21	0.7	1	0

"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.