

*Oceanography Branch CTD Data Report
Fall Bottom Trawl Calibration Cruise – HB0710*

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Date: January 14, 2008

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Memo To: Jon Hare
Linda Despres

From: Cristina Bascuñán (x2243)

Re: Fall Bottom Trawl Calibration Cruise – HB0710

CTD data from Fall Bottom Trawl Calibration Cruise have been processed and are now available. There were 15 casts done, including 1 for salinity calibrations.

Please note there is no data for cast 010 and 012.

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

- /ftp/pub/hydro/hb0710.dat (NODC file)
- octemps

Please call if you have any questions.

HB0710
Fall Bottom Trawl Calibration Cruise
8 - 11 September, 2007

Cast No.	Sta No.	Latitude	Longitude	Day	Month	Year	Time	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters from Btm
1	19	3614.4	7533.3	8	9	2007	6:15	27	25.7	31.08	19.6	32.62	5
2	20	3616.0	7521.2	8	9	2007	8:52	30	25.6	31.93	18.1	32.69	5
3	21	3608.6	7526.7	8	9	2007	10:58	26	25.8	30.90	20.0	32.55	3
4	22	3551.4	7527.7	8	9	2007	13:31	20	25.8	31.36	24.1	32.50	4
5	23	3542.4	7527.0	8	9	2007	15:40	22	26.1	31.53	23.7	32.94	7
6	24	3544.6	7523.3	8	9	2007	17:28	20	26.2	32.11	25.9	33.15	5
7	25	3638.7	7524.6	8	9	2007	23:31	23	24.9	31.98	22.7	32.24	6
8	26	3642.2	7523.7	9	9	2007	1:30	22	25.1	31.93	22.7	32.27	4
9	27	3643.7	7531.7	9	9	2007	3:07	20	25.4	32.19	24.8	32.26	6
11	29	3547.0	7508.4	11	9	2007	0:01	32	25.2	32.49	23.1	32.86	6
13	31	3539.7	7512.6	11	9	2007	3:16	35	25.7	33.04	18.9	34.49	4
14	34	3512.1	7523.4	11	9	2007	8:51	20	27.0	34.43	27.1	35.03	4
15	35	3507.1	7546.1	11	9	2007	12:45	19	27.3	35.63	27.5	36.00	3

Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the Fall Groundfish Comparison Survey HB0710.

CRUISE	CD	SURFACE						BOTTOM						Purpose	
		#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag		
		MAB South													
HB0710	252	7	25.39	0.58	0.53	0.64	1	7	21.55	3.23	0.54	1.82	1	0	
HB0710	252	7	31.79	-0.31	0.44	0.62	1	7	32.5	-0.85	0.34	0.48	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.

