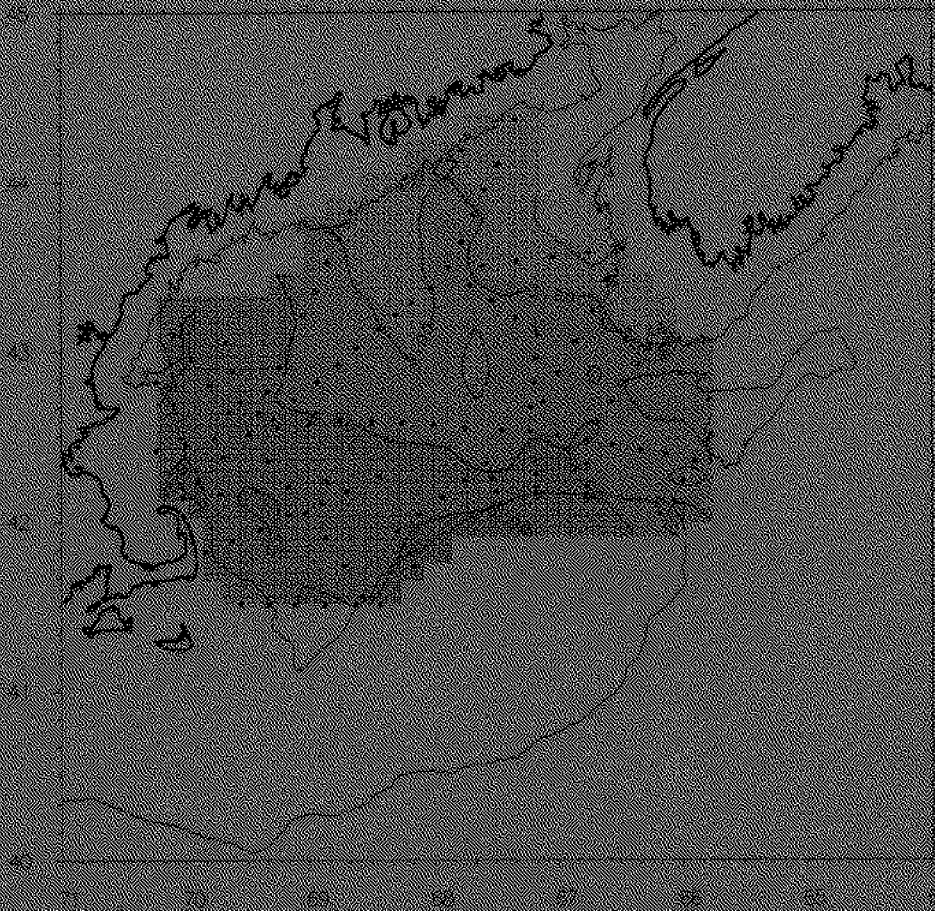


Hydrographic Survey in the Gulf of Maine

CONTAINING 1009
SOUNDING SHEETS

April 1987

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Wendell S. Brown
and
James D. Irish

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A. Introduction

The Gulf of Maine is a marginal sea characterized by rugged bathymetry surrounding three major basins (Figure 1) and directly connected to the deep ocean only through the Northeast Channel. Tides, density contrasts between water masses, and winds play important roles in the dynamics of the circulation of the Gulf. From August 1986 through September 1987, an observational study of the variability of the thermohaline environment and associated large scale circulation of the Gulf was conducted. The field observation phase of this study included the deployment of moored temperature, conductivity (T/C) and bottom pressure instrumentation in the center of the major basins and the northern side of the Northeast Channel, and five seasonal hydrographic cruises (Table 1). The UNH observation effort, complemented by the work of D. Brooks (Texas A&M University), B. Butman (U.S. Geological Survey, Woods Hole), and C. Flagg (Brookhaven National Laboratory) will provide an improved understanding of some of the most important physical factors that control the thermohaline component of the subtidal circulation.

The temperature and salinity characteristics of the major basins and channels of the Gulf of Maine tend to be similar. To monitor changes in these regions, the moored temperature, conductivity, and pressure instrumentation was located in these key locations as shown in Figure 2 for the periods indicated in Table 2. The quasi real-time satellite telemetry of the moored information from the center of the basins in the Gulf permitted us to monitor the day to day changes in the temperature, salinity, and density properties at several depths as well as the engineering status of the data acquisition system. The hydrographic information, which was obtained during surveys in August 1986 (Garrison and Brown, 1987), February 1987, April 1987, July-August 1987, and September 1987 is being used to interpret the time series information from the moorings.

This report describes the hydrographic data from R/V Endeavor cruise EN-159, 4-18 April 1987. A total of 145 CTD stations were occupied at the locations listed in Table 3; Stations 1 - 19 were occupied during the mooring maintenance leg 4-9 April and the rest (stations 20 - 145) during the hydrography leg 9-18 April. The survey depicted in Figure 2 was designed to map the hydrography of the water of the Gulf with an emphasis on the basins

and water deeper than 100 m. Thus the cruise track consisted of radial lines centered on, and connecting, the centers of the major basins and the Northeast Channel.

B. Data Acquisition Methods

A prototype UNH internally recording CTD profiler was used for stations 1 – 19. This ocean profiling instrument is an internally recording data logger based on an INTERSIL 6100 microprocessor with 24 Kbytes of RAM storage and uses Sea Bird temperature and conductivity sensors and a Vibrotron pressure sensor. A ten-cell lithium battery pack will power the system continuously for about 1000 hours. Each sensor has a separate pressure case and is connected to the main pressure case containing the batteries and electronics. Thus, sensor problems can be diagnosed and easily corrected without complete system disassembly. The sensors are protected by a stainless steel cage attached to the main pressure case. Each sensor is sampled at about 5 Hz and recorded in RAM, which holds a maximum of 4096 samples. With a lowering rate of 30 meters per minute, a 300-meter profile can be taken during the 20 minutes it takes to fill the memory in its present configuration. When on deck, the data is dumped from the CTD to a PC. FORTRAN routines are used to normalize and plot the data. This prototype system demonstrated its feasibility, but its use during this cruise highlighted enough problems that a second-generation system is currently under development.

The model 8460 Vibrotron pressure sensor (serial number 280) (Lefcort, 1968) measures the depth of the instrument to a resolution of 0.03 dbars. The sensor has about 0.15 dbars of hysteresis over its entire range of 1000 dbars and another 0.2 dbars of temperature sensitivity, for a maximum expected uncertainty in depth of about 1/3 dbar. The Sea Bird SBE-3 temperature sensor (Pederson, 1969) used on the CTD has a pressure-protected 70 ms thermistor (serial number 483). Calibration history of slow 500 ms thermistor sensors shows a long-term drift of 3 to 5 millidegrees Centigrade per year with obtainable accuracies of 5 millidegrees (Irish, 1985). The faster thermistor should have similar stability. Temperature was measured to a 0.5 millidegree Centigrade resolution. The Sea Bird SBE-4 conductivity sensor (Pederson and Gregg, 1979) (serial number 85) used on the CTD was sampled to 0.0004 S/m resolution. The

sensor was calibrated in the spring of 1986 and the sensor flushed with fresh water regularly and kept wet at all times to prevent salt crystal formation in the platenizing. Standardization is normally done with water bottle samples; however, due to lack of time and equipment during the first leg of this cruise, no in situ calibration bottles were taken.

A Neil Brown (NB) Instrument Systems Mark III (serial number 1088) CTD was used for Stations 20 through 145. The NB CTD was mounted inside a General Oceanics rosette frame with six 5-liter Niskin bottles around the perimeter. An oxygen sensor was mounted on the NB CTD and a Sea Tech 25 cm path length transmissometer was mounted horizontally inside the frame. Data acquisition and display of the NB CTD was controlled by a Digital Equipment Corporation Microvax computer. The typical data scan of pressure, temperature, conductivity, oxygen current, oxygen temperature, and transmission was obtained 32 times a second and stored in computer memory and later stored on disk. Niskin bottle water sample salinity was measured on board with a Guildline Autosol 8400A. Dissolved oxygen was determined by the modified Winkler titration method of Carritt & Carpenter (1966). Position was measured by LORAN C using a Northstar 7000 and water depth by precision depth recorder Raytheon PTR LSR.

At each of stations 20 through 145, the instrument frame with NB CTD was lowered at 20–40 meters/minute to within 5 m of the bottom. Temperature, salinity, transmission, and dissolved oxygen profiles were displayed in real time on the lab computer's screen. Bottle samples were collected at the bottom and at 50 m intervals to the surface during the upcast. At some of the deeper stations the surface (seventh) sample had to be drawn from the ship's continuous sampler, and in this case the sampling line was allowed to flush for at least ten minutes before taking the sample. Dissolved oxygen samples were drawn first from all the Niskin bottles. Then salinity samples were taken from the bottom and surface bottles and nutrient samples were taken from all the bottles. The nutrient samples were frozen and taken back to UNH for post cruise analysis. The salinity and dissolved oxygen samples were analyzed on board.

C. Data Processing

The data from the UNH CTD for stations 1–19 were normalized to engineering units and edited by a "rolling filter" which retained data only when the CTD was falling at a constant rate (removing not only the upcast, but also the times when the instrument was not being lowered at a uniform rate). The Sea Bird conductivity sensor was not "pumped" so that its response time depended on the flushing rate of water due to the CTD's fall rate. When the ship rolled and slowed down or reversed the fall rate, the flushing rate was correspondingly modified, and the sensor response changed so that it did not match well with the temperature observations. This caused very observable and artificial spikes in the salinity record. Therefore, the data collected during these times were discarded. The resultant profiles do not have any obvious sensor time constant problems.

The first step in the processing of data from the Neil Brown CTD for stations 20–145 was to partition the raw CTD data from each station into downcast and upcast data files. Possible contamination due to ship roll was eliminated from both the downcast and upcast. On the downcast, data associated with decreasing pressure (due to ship roll) were discarded, and, on the upcast, data associated with increasing pressure were discarded. Further processing was done on the downcast data only.

For both CTDs, salinity was computed using the Practical Salinity Scale of 1980 (Lewis, 1980; Fofonoff and Millard, 1983) and corrected as discussed below. The edited and adjusted data were filtered from an equally spaced time series to an equally spaced spatial series with a 2 dbar long triangular filter advanced by one decibar increments. The 1 dbar averaged pressure, temperature and salinity data were used to calculate potential temperature, potential density anomaly ($\sigma\text{-}\theta$), sound velocity, Brunt–Vaisala frequency, specific volume anomaly and dynamic height at 1 dbar intervals using algorithms of Fofonoff and Millard (1983). The uncertainty for each of the corrected data parameters is listed in Table 4.

1. UNH CTD Data Corrections; Stations 1 – 19

Pressure: At the start of the cast, the CTD was held about 1 meter below the surface for several hundred data scans. The average of the pressure data of these scans was subtracted from the pressure data of the cast. Typical adjustment values were about 0.8 dbars.

Temperature: The temperature sensor was calibrated in May 1986 at the Northwest Regional Calibration Center in Washington, and the calibration was checked after the cruise at UNH. Pre- and post-cruise values were consistent to $\pm 0.003^{\circ}\text{C}$, so no adjustments were made to the temperature data.

Salinity: The conductivity sensor was subject to some contamination and drift since its May 1986 calibration at the Northwest Regional Calibration Center. This drift was small, and we assumed that the sensitivity of the instrument was unaffected, and corrections could be made by applying a constant to the salinity data. This constant was determined from previous and post-cruise data and a comparison of the deep water T-S relation from the NB CTD cast 24 and the UNH CTD cast 15 which were obtained from the same Wilkinson Basin station about 32 hours apart.

The portions of the T-S curve for which $T > 6^{\circ}\text{C}$ are in water deeper than 190 meters where temperature and salinity gradients are small, and the T-S properties are observed to change more slowly than in shallow depths. Using the adjusted NB record (see below) as a standard, a constant adjustment of 0.059 ppt¹ was obtained and added to the UNH salinity so that the deep portions of the T-S curves coincided as shown in Figure 4. The discrepancy between the T-S relations at shallower depth is due to time variability. The hourly T-S obtained from the Wilkinson Basin T/C mooring during the 32-hour period before the mooring was recovered (prior to both stations 15 and 24) show that

¹Some investigators report salinity in psu. In this report, psu and ppt are equivalent.

the differences in T-S are typical of the time variability over this interval. The "clouds" of mooring data in Figure 4 are from T/C sensor pairs at 16, 66, 115, and 165 meters, respectively.

Comparisons of the UNH CTD with bottle samples from previous cruises and with the September 1987 cruise showed differences of 0.04 to 0.07 ppt. The value of 0.059 ppt was chosen as the best adjustment, and the resulting salinities are good to ± 0.01 ppt.

2. Neil Brown CTD Data Corrections; Stations 20 – 145

Pressure: At each of the stations, the pressure was recorded when the CTD was on the ship's deck just before the start of the cast. The average of these on deck pressure values, 5.2 db, was subtracted from the pressure data of casts 20–145.

Temperature: The pre-cruise calibration data of the instrument's temperature sensor showed an offset (standard-CTD temperature) of 0.0050°C at 0°C , decreasing to 0.0015°C at 20°C . Since these inaccuracies were within manufacturer's specified accuracy ($\pm 0.005^{\circ}\text{C}$) of the temperature sensor, the NB CTD temperature was not corrected.

Salinity: On almost every cast, bottom and surface salinity samples were collected for the purpose of correcting CTD salinity. Surface samples ranged from about 31–32.5 ppt and bottom samples from about 32.5–35 ppt. Bottle salinity was plotted versus CTD salinity, allowing spurious data points, due to leaking sample bottle, strong salinity gradient, incorrect sampling procedure, etc., to be rejected. A linear regression of bottle salinity on CTD salinity yielded a salinity correction equation for NB salinity $S_c = 0.10299 + 0.99687 * S$, where S is CTD salinity, and standard deviation of the discrepancies was ± 0.007 ppt. The difference between bottle data salinity and calculated salinity is shown in Figure 5. This equation was used to correct NB CTD salinity on casts 20 through 145.

D. Data Presentations

The 1 db averaged data are presented in this report in several ways: (1) station profile plots, station T-S diagrams, and data listings; (2) vertical section contour plots; and (3) horizontal section contour plots. The reader is referred to Figure 6 for purposes of interpreting the T-S diagrams.

Horizontal and vertical section contour plots were computer generated using the National Center for Atmospheric Research (NCAR) plot package. Unevenly spaced horizontal section data are interpolated by the triangularization method of Akima (1978) to produce the uniformly spaced grid of numbers which are contoured. The vertical section data are unevenly spaced in the horizontal direction and evenly spaced at 1 db intervals in the vertical direction. A linear interpolation was used to produce the uniformly spaced grid of numbers which are contoured.

Horizontal Sections: Horizontal sections of temperature, salinity, and sigma-theta at 2, 50, 100, 150, and 200 decibars were done using data from all appropriate stations. These sections are presented in Figures 7-21. The coastline and bathymetry were digitized from the Uchupi (1965) chart. The dots indicate the station location and as the sections go deeper the stations with data at that depth become fewer. Contour intervals are 1°C for temperature, 0.2 ppt for salinity, and 0.2 kg m^{-3} for sigma-theta. The surface dynamic height map relative to 100 decibars is presented in Figure 22. Contour interval is 1 dynamic centimeter.

Vertical Sections: Vertical sections of temperature, salinity, and sigma-theta for the sets of stations indicated in Figure 3 are presented in Figures 23-50. The vertical sections for all our cruises (Table 1) are numbered from 1 to 14, and corresponding sections of the different cruises are given the same number. On a particular cruise we might not have done all fourteen sections, so there will be gaps in the numbering. We did not do sections 8, 9, and 10 on this cruise. Contour intervals are 0.5°C for temperature, 0.2 ppt for salinity, and 0.25 kg m^{-3} for sigma-theta. The station numbers are indicated along the top horizontal axis.

Profiles, T-S Diagrams, and Data Listings: A profile plot, T-S diagram, and data listing is presented in Figures 51-195 for each of the 145 CTD stations. The 1 db averaged values are used for the profiles and for the T-S diagram. The data listing presents the 1 db average values of temperature (T), salinity (S), potential temperature (PT), density anomaly sigma-theta (STH), specific volume anomaly (SPVA), dynamic height with respect to surface (DH), sound velocity (SND V), and Brunt-Väisälä frequency (N) at 10 db intervals and at the surface and bottom.

E. Acknowledgements

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Table 1. UNH hydrography cruises in the Gulf of Maine.

Dates	Research Vessel	Cruise number
3-16 August and 1-4 September 1986	Gyre	86G10
5-15 February 1987	Oceanus	OC-181
4-18 April 1987	Endeavor	EN-159
28 July-8 August 1987	Endeavor	EN-165
3-16 September 1987	Endeavor	EN-167

Table 2. Gulf of Maine moored temperature (T), conductivity (C), and bottom pressure (P) measurement summary, August 1986 through September 1987.

Mooring location	Sensor/Depth (m)	Start (Julian)	End (Julian)	Start (Gregorian)	End (Gregorian)	
Georgee Basin	T0	1	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	T1	21	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	C1		759138	768566	8 Aug 86 1800	5 Sep 87 1400
	T2	71	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	C2		759138	768566	8 Aug 86 1800	5 Sep 87 1400
	T3	120	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	C3		759138	768566	8 Aug 86 1800	5 Sep 87 1400
	T4	170	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	C4		759138	768566	8 Aug 86 1800	5 Sep 87 1400
	T5	220	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	C5		759138	768566	8 Aug 86 1800	5 Sep 87 1400
	T6	269	759138	768566	8 Aug 86 1800	5 Sep 87 1400
	C6		759174	768562	10 Aug 86 0600	5 Sep 87 1200
	T	328	759175	768563	10 Aug 86 0700	5 Sep 87 1100
C		759175	768572	10 Aug 86 0700	8 May 87 0000	
P1		759175	767940	10 Aug 86 0700	10 Aug 87 1200	
P2		759175	768563	10 Aug 86 0700	5 Sep 87 1100	
Jordan Basin	T0	1	759136	763659	8 Aug 86 1600	13 Feb 87 0300
	T1	19	759136	763659	8 Aug 86 1600	13 Feb 87 0300
	C1		759136	763659	8 Aug 86 1600	13 Feb 87 0300
	T2	69	Sensor failed			
	C2		759136	763659	8 Aug 86 1600	13 Feb 87 0300
	T3	118	759136	763659	8 Aug 86 1600	13 Feb 87 0300
	C3		759136	763659	8 Aug 86 1600	13 Feb 87 0300
	T4	169	759136	763659	8 Aug 86 1600	13 Feb 87 0300
	C4		759136	761295	8 Aug 86 1600	6 Nov 86 1500
	T5	218	759136	760012	8 Aug 86 1600	14 Sep 86 0400
	C5		759136	759685	8 Aug 86 1600	31 Aug 86 1300
	T0	1	765234	768591	19 Apr 87 1800	6 Sep 87 1500
	T1	16	765234	768591	19 Apr 87 1800	6 Sep 87 1500
	C1		765234	768591	19 Apr 87 1800	6 Sep 87 1500
	T2	66	765234	768591	19 Apr 87 1800	6 Sep 87 1500
	C2		765234	768591	19 Apr 87 1800	6 Sep 87 1500
	T3	115	765234	768591	19 Apr 87 1800	6 Sep 87 1500
	C3		765234	768591	19 Apr 87 1800	6 Sep 87 1500
	T4	165	765234	768591	19 Apr 87 1800	6 Sep 87 1500
	C4		765234	768591	19 Apr 87 1800	6 Sep 87 1500
	T5	217	765234	768591	19 Apr 87 1800	6 Sep 87 1500
	C5		765234	768591	19 Apr 87 1800	6 Sep 87 1500
	T	285	759098	768686	7 Aug 86 0200	10 Sep 87 1400
C		759098	768686	7 Aug 86 0200	10 Sep 87 1400	
P1		759098	768686	7 Aug 86 0200	10 Sep 87 1400	
P2		759098	768686	7 Aug 86 0200	10 Sep 87 1400	
Northeast Channel	T0	1	759744	762211	3 Sep 86 0000	14 Dec 86 1900
	T1	21	759744	763446	3 Sep 86 0000	4 Feb 87 0600
	C1		759744	763446	3 Sep 86 0000	4 Feb 87 0600
	T2	72	759744	763446	3 Sep 86 0000	4 Feb 87 0600
	C2		759744	763446	3 Sep 86 0000	4 Feb 87 0600
	T3	116	759744	761854	3 Sep 86 0000	29 Nov 86 2200
	C3		759744	761854	3 Sep 86 0000	29 Nov 86 2200
	T4	161	759744	763446	3 Sep 86 0000	4 Feb 87 0600
	C4		759744	763446	3 Sep 86 0000	4 Feb 87 0600
	T0	1	764900	768546	5 Apr 87 2000	4 Sep 87 1800
	T1	21	764900	768546	5 Apr 87 2000	4 Sep 87 1800
	C1		764900	768546	5 Apr 87 2000	4 Sep 87 1800
	T2	72	764900	768546	5 Apr 87 2000	4 Sep 87 1800
	C2		764900	768546	5 Apr 87 2000	4 Sep 87 1800
	T3	116	764900	768546	5 Apr 87 2000	4 Sep 87 1800
	C3		764900	768546	5 Apr 87 2000	4 Sep 87 1800
	T4	161	764900	768546	5 Apr 87 2000	4 Sep 87 1800
	C4		764900	768546	5 Apr 87 2000	4 Sep 87 1800
	T.C.P	200	Instrument not recovered			
Wilkinson Basin	T0	1	762950	764940	14 Jan 87 1400	7 Apr 87 1200
	T1	16	762950	764940	14 Jan 87 1400	7 Apr 87 1200
	C1		762950	764940	14 Jan 87 1400	7 Apr 87 1200
	T2	66	762950	764940	14 Jan 87 1400	7 Apr 87 1200
	C2		762950	764940	14 Jan 87 1400	7 Apr 87 1200
	T3	115	762950	764940	14 Jan 87 1400	7 Apr 87 1200
	C3		762950	764940	14 Jan 87 1400	7 Apr 87 1200
	T4	165	762950	764940	14 Jan 87 1400	7 Apr 87 1200
	C4		762950	764940	14 Jan 87 1400	7 Apr 87 1200
	T5	217	Sensor failed			
	C5		762950	764940	14 Jan 87 1400	7 Apr 87 1200
	T	273	762952	764876	14 Jan 87 1600	4 Apr 87 2000
	C		762952	764876	14 Jan 87 1600	4 Apr 87 2000
P1		762952	764876	14 Jan 87 1600	4 Apr 87 2000	
P2		762952	764876	14 Jan 87 1600	4 Apr 87 2000	

Table 2. continued. Graphical representation of Gulf of Maine moored temperature/conductivity and bottom pressure measurements.

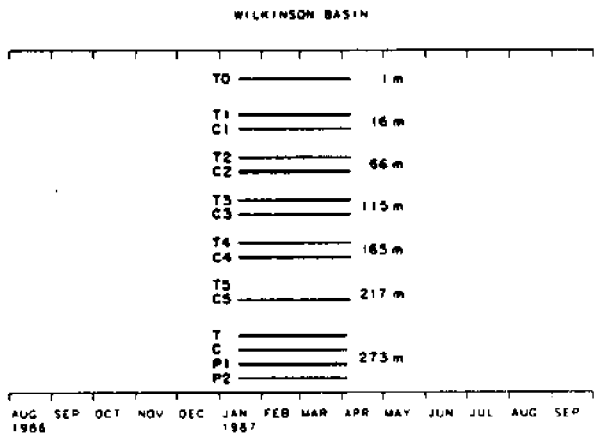
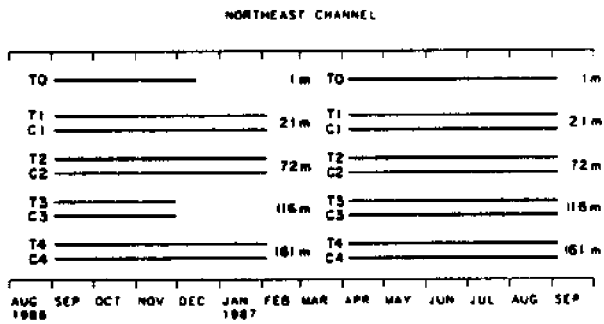
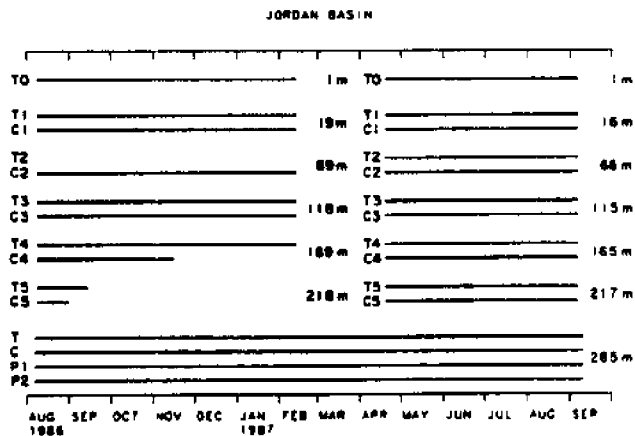
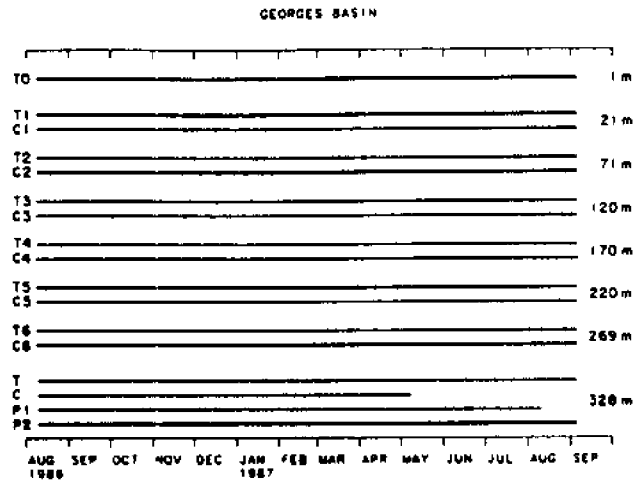


Table 3. CTD station information for R/V Endeavor Cruise EN159, 4-18 April 1987. Nearby moorings are indicated in parentheses where appropriate. Position, depth, date, and time are for start of cast.

CTD station Number		Latitude (deg min N)	Longitude (deg min W)	Depth (m)	Date (1987)	Time (UTC)
1	(N1)	42 21.2	65 54.1	215	5 Apr	2142
2		42 6.9	66 4.0	180	6 Apr	0021
3		42 13.8	65 59.1	243	6 Apr	0129
4	(N1)	42 21.0	65 54.2	225	6 Apr	0243
5		42 30.0	65 48.2	90	6 Apr	0409
6	(W1)	42 29.1	69 28.2	265	7 Apr	1445
7	(W1)	42 29.1	69 28.1	260	7 Apr	1513
8	(W1)	42 29.5	69 30.0	270	7 Apr	2250
9		42 21.0	69 20.0	240	8 Apr	0012
10		42 11.9	69 10.1	195	8 Apr	0132
11		42 2.8	69 1.9	140	8 Apr	0253
12		41 53.9	68 52.0	155	8 Apr	0407
13		41 44.0	68 43.1	170	8 Apr	0530
14		41 32.9	68 34.3	120	8 Apr	0713
15	(W1)	42 29.8	69 30.2	275	8 Apr	2348
16		42 38.9	69 38.9	280	8 Apr	0109
17		42 47.9	69 48.0	268	9 Apr	0254
18		42 57.0	69 57.0	215	9 Apr	0433
19		43 5.9	70 5.8	87	9 Apr	0600
20		42 49.1	70 31.6	117	9 Apr	2318
21		42 25.0	70 14.3	64	10 Apr	0248
22		42 26.9	69 59.8	184	10 Apr	0418
23		42 29.1	69 45.3	274	10 Apr	0549
24	(W1)	42 30.7	69 29.0	274	10 Apr	0739
25		42 33.1	69 15.1	225	10 Apr	0920
26		42 34.5	68 59.9	192	10 Apr	1100
27		42 35.5	68 45.1	190	10 Apr	1234
28		42 35.0	68 30.1	218	10 Apr	1408
29		42 34.5	68 15.1	190	10 Apr	1523
30		42 33.5	67 59.9	203	10 Apr	1651
31		42 32.4	67 44.9	228	10 Apr	1825
32		42 32.0	67 27.4	280	10 Apr	2108
33	(G1)	42 31.1	67 13.0	332	10 Apr	2252
34		42 21.6	67 11.4	321	11 Apr	0044
35		42 16.3	67 10.7	262	11 Apr	0142
36		42 12.0	67 10.5	184	11 Apr	0234
37		42 9.6	67 10.3	110	11 Apr	0311
38		42 8.3	67 10.1	75	11 Apr	0339
39		42 7.2	66 46.3	65	11 Apr	0520
40		42 8.9	66 46.2	99	11 Apr	0558
41		42 12.0	66 46.2	211	11 Apr	0643
42		42 19.8	66 46.2	305	11 Apr	0758
43		42 28.0	66 46.2	325	11 Apr	0918
44		42 34.9	66 40.6	211	11 Apr	1028
45		42 42.0	66 34.0	163	11 Apr	1144

Table 3. Continued.

CTD station Number	Latitude (deg min N)	Longitude (deg min W)	Depth (m)	Date (1987)	Time (UTC)
46	42 49.0	66 27.0	96	11 Apr	1251
47	42 55.0	66 21.0	145	11 Apr	1347
48	43 2.0	66 15.0	103	11 Apr	1447
49	42 52.0	66 1.0	103	11 Apr	1613
50	42 42.5	65 47.6	92	11 Apr	1733
51	42 30.1	65 46.0	87	11 Apr	1856
52	42 28.1	65 47.5	97	11 Apr	1929
53 (N1)	42 21.0	65 54.2	218	11 Apr	2034
54	42 14.0	65 59.9	240	11 Apr	2157
55	42 6.9	66 3.7	178	11 Apr	2321
56	42 2.1	66 10.9	87	12 Apr	0038
57	42 23.0	66 7.8	247	12 Apr	0234
58	42 24.4	66 19.9	253	12 Apr	0357
59	42 26.4	66 33.9	294	12 Apr	0539
60	42 29.9	67 0.0	332	12 Apr	0805
61 (G1)	42 31.2	67 13.2	328	12 Apr	0946
62	42 40.1	67 13.1	261	12 Apr	1111
63	42 48.9	67 11.7	211	12 Apr	1223
64	42 57.3	67 10.9	247	12 Apr	1334
65	43 5.9	67 10.0	209	12 Apr	1448
66	43 11.7	67 20.4	195	12 Apr	1611
67	43 17.9	67 32.0	205	12 Apr	1731
68	43 22.9	67 42.1	249	12 Apr	1856
69 (J1)	43 29.3	67 52.7	279	12 Apr	2016
70	43 38.4	67 46.5	238	12 Apr	2146
71	43 48.0	67 40.5	226	12 Apr	2320
72	43 56.8	67 35.3	214	13 Apr	0046
73	44 5.9	67 29.0	239	13 Apr	0250
74	44 21.6	67 20.7	132	13 Apr	1522
75	44 11.1	67 46.1	192	13 Apr	1747
76	44 1.2	68 13.2	98	13 Apr	2012
77	43 49.2	68 40.1	95	13 Apr	2325
78	43 39.1	68 44.9	158	14 Apr	0120
79	43 31.1	68 50.9	132	14 Apr	0305
80	43 21.0	68 56.9	126	14 Apr	0446
81	43 12.6	69 2.6	188	14 Apr	0624
82	43 4.4	69 8.3	173	14 Apr	0852
83	42 54.2	69 14.1	170	14 Apr	1049
84	42 45.5	69 20.1	75	14 Apr	1252
85	42 38.0	69 24.3	234	14 Apr	1414
86 (W1)	42 30.7	69 29.0	275	14 Apr	1554
87	42 35.9	69 17.5	222	14 Apr	1735
88	42 42.5	69 7.3	149	14 Apr	1914
89	42 48.9	68 56.1	126	14 Apr	2049
90	42 55.1	68 46.3	203	14 Apr	2218
91	43 1.2	68 37.2	202	14 Apr	2343
92	43 7.8	68 26.5	192	15 Apr	0113
93	43 12.6	68 18.1	195	15 Apr	0223
94	43 17.0	68 10.6	202	15 Apr	0503

Table 3. Continued.

CTD station Number	Latitude (deg min N)	Longitude (deg min W)	Depth (m)	Date (1987)	Time (UTC)
95	43 22.1	68 1.2	240	15 Apr	0441
96 (J1)	43 29.3	67 52.9	280	15 Apr	0607
97	43 30.0	67 36.2	223	15 Apr	0747
98	43 31.5	67 20.0	226	15 Apr	0920
99	43 33.0	67 2.5	203	15 Apr	1111
100	43 34.6	66 45.1	127	15 Apr	1304
101	43 36.0	66 28.5	95	15 Apr	1432
102	43 25.1	66 35.5	103	15 Apr	1555
103	43 14.1	66 43.0	121	15 Apr	1719
104	43 3.1	66 51.5	155	15 Apr	1846
105	42 52.0	66 60.0	212	15 Apr	2020
106	42 42.0	67 7.0	242	15 Apr	2141
107 (G1)	42 31.4	67 13.1	325	15 Apr	2311
108	42 21.6	67 11.4	320	16 Apr	0049
109	42 12.0	67 10.5	184	16 Apr	0202
110	42 8.1	67 10.1	72	16 Apr	0312
111	42 5.7	67 27.4	87	16 Apr	0441
112	42 10.2	67 29.9	200	16 Apr	0540
113	42 15.0	67 32.1	259	16 Apr	0628
114	42 20.1	67 34.9	265	16 Apr	0735
115	42 13.9	67 44.9	224	16 Apr	0906
116	42 8.0	67 55.8	224	16 Apr	1040
117	42 2.1	68 7.0	224	16 Apr	1205
118	41 56.0	68 17.5	197	16 Apr	1338
119	41 51.0	68 14.0	188	16 Apr	1441
120	41 48.6	68 11.9	98	16 Apr	1525
121	41 44.0	68 10.0	47	16 Apr	1622
122	41 30.0	68 26.0	71	16 Apr	1826
123	41 30.0	68 37.9	112	16 Apr	1932
124	41 30.0	68 52.5	147	16 Apr	2108
125	41 30.0	69 7.4	155	16 Apr	2302
126	41 30.0	69 20.0	82	17 Apr	0030
127	41 30.2	69 33.0	32	17 Apr	0233
128	41 49.0	69 50.4	70	17 Apr	0510
129	41 52.9	69 37.5	197	17 Apr	0710
130	41 56.9	69 24.1	199	17 Apr	0905
131	42 1.9	69 10.1	192	17 Apr	1106
132	42 6.0	68 54.1	140	17 Apr	1300
133	42 10.5	68 42.1	197	17 Apr	1424
134	42 15.5	68 26.1	193	17 Apr	1614
135	42 13.6	68 51.4	197	17 Apr	1827
136	42 12.0	69 10.5	192	17 Apr	2014
137	42 10.5	69 25.5	182	17 Apr	2145
138	42 9.5	69 43.0	223	17 Apr	2317
139	42 8.0	70 0.8	83	18 Apr	0108
140	42 13.5	69 54.0	187	18 Apr	0203
141	42 22.5	69 41.6	255	18 Apr	0336
142 (W1)	42 30.6	69 29.1	272	18 Apr	0515
143	42 42.0	69 32.9	245	18 Apr	0648
144	42 52.6	69 36.8	157	18 Apr	0820
145	43 2.9	69 40.5	115	18 Apr	0940

Table 4. Estimated uncertainties in the measured parameters after processing and corrections described in Section C.

NB CTD instrument:	pressure	±0.2 dbar
	temperature	±0.005 °C
	salinity	±0.007 ppt
UNH CTD instrument:	pressure	±1 dbar
	temperature	±0.005 °C
	salinity	±0.01 ppt

GULF OF MAINE

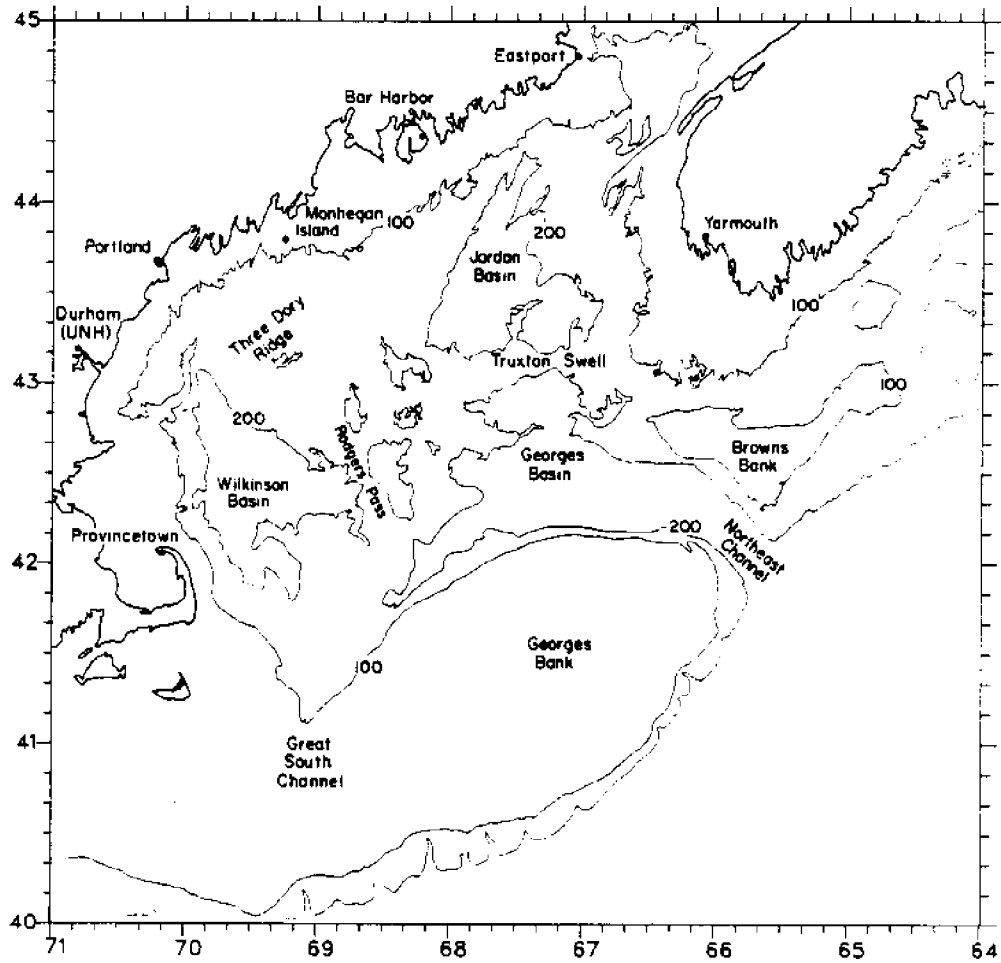


Figure 1. Location map of the Gulf of Maine. The 100 m and 200 m isobaths define the major bathymetric features.

GULF OF MAINE CTD STATION LOCATIONS APRIL 1987

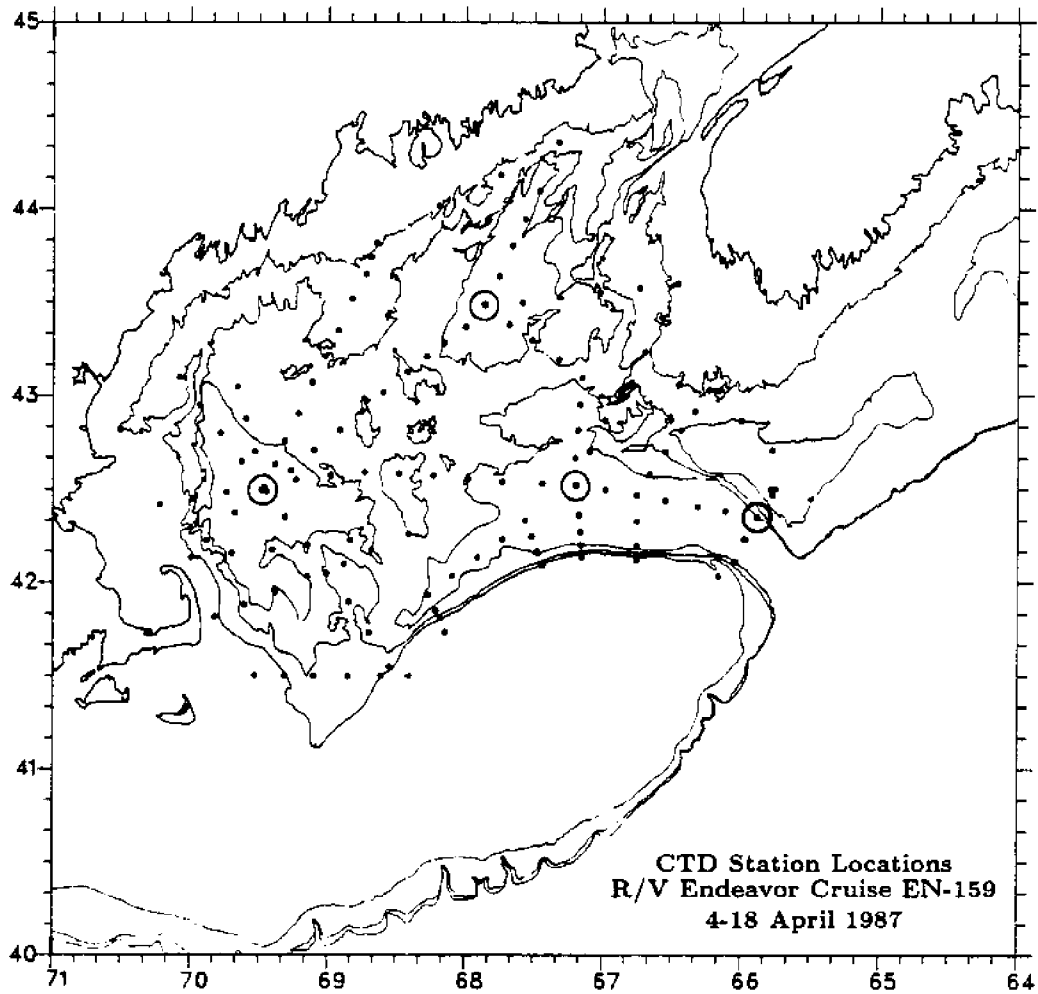


Figure 2. CTD station locations during the 4-18 April 1987 hydrographic survey on the R/V Endeavor cruise EN-159. Open circles locate the temperature, conductivity, and bottom pressure mooring sites.

GULF OF MAINE VERTICAL SECTION LINES APRIL 1987

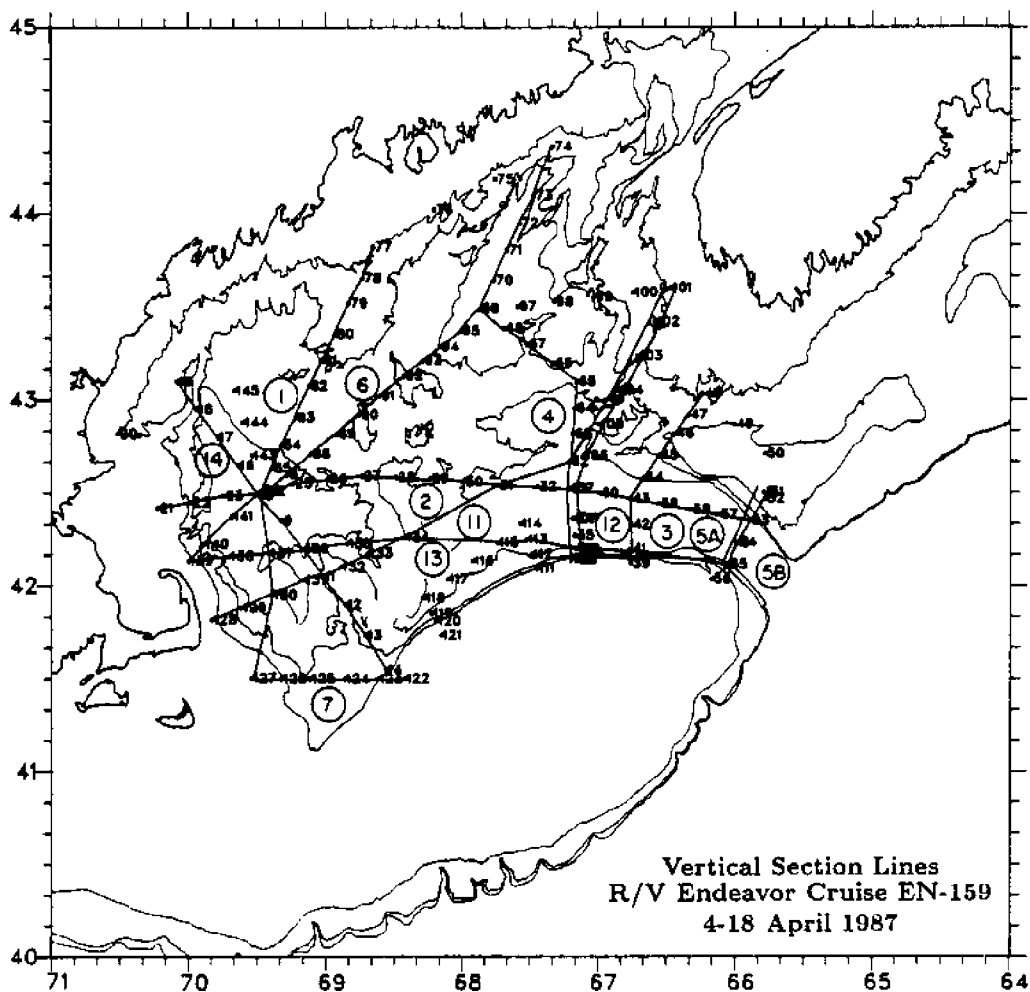


Figure 3. Vertical section locations during the 4-18 April 1987 hydrographic survey on the R/V Endeavor cruise EN-159.

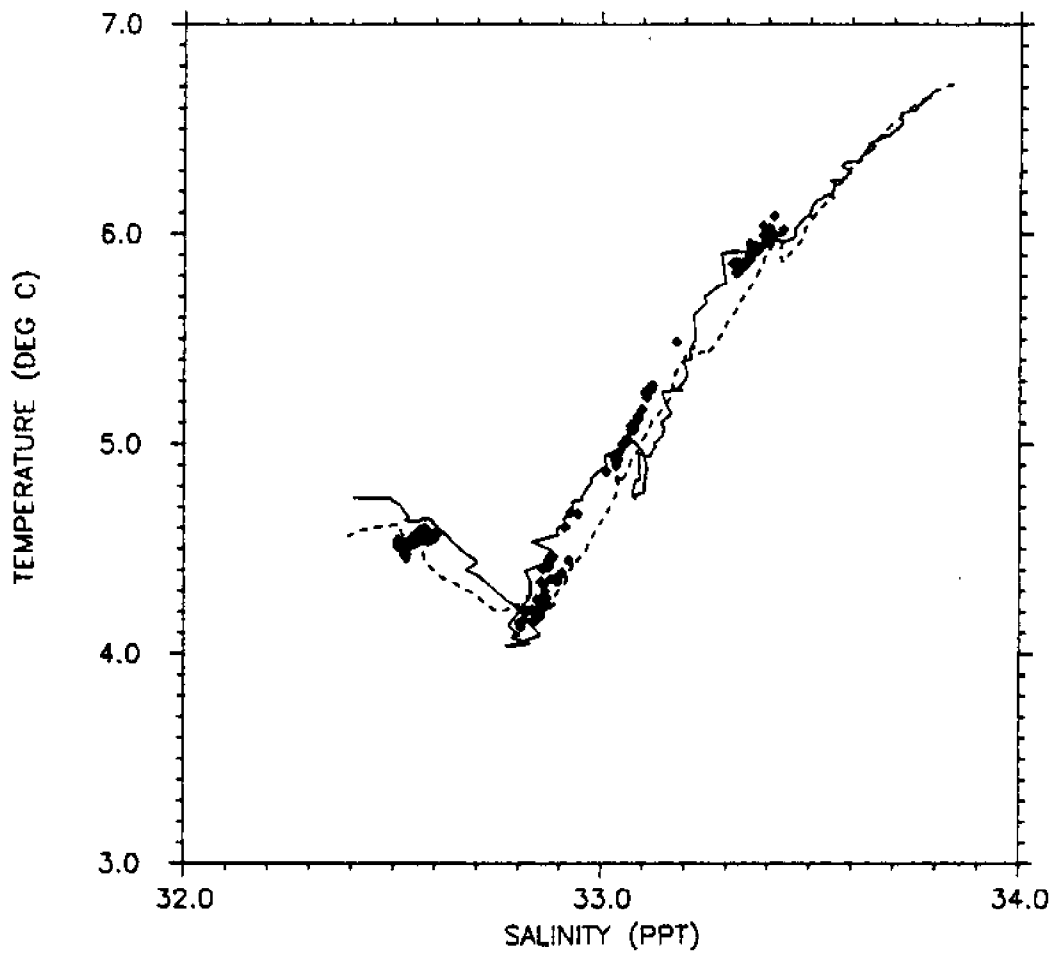


Figure 4. A T-S comparison of corrected data from the UNH CTD cast 15 (—) and Neil Brown CTD cast 24 (- - -). Hourly T-S observations from the Wilkinson Basin T/C mooring (\diamond) for a 32-hour period (6 April 1987, 0400, to 7 April 1987, 1200) are also presented.

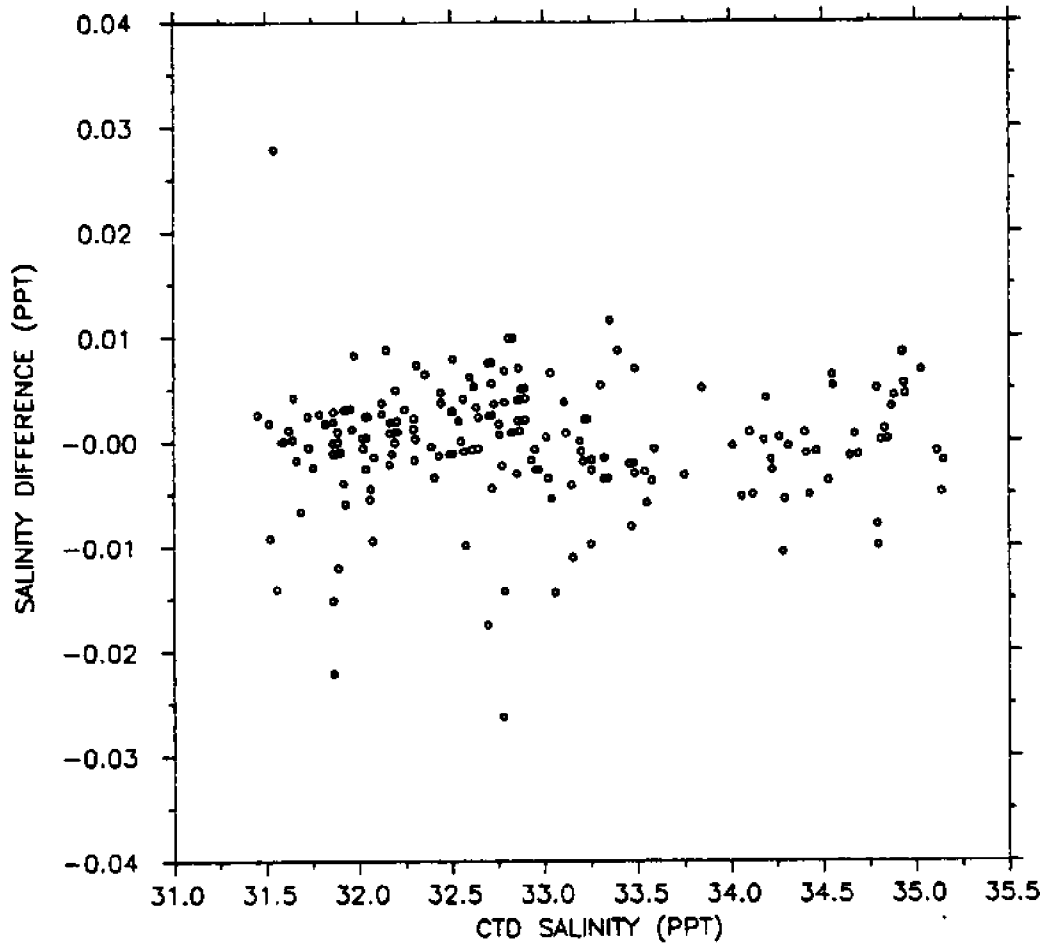


Figure 5. Deviations of bottle salinities for casts 20 through 145 from the linear fit between bottle and Neil Brown CTD salinities.

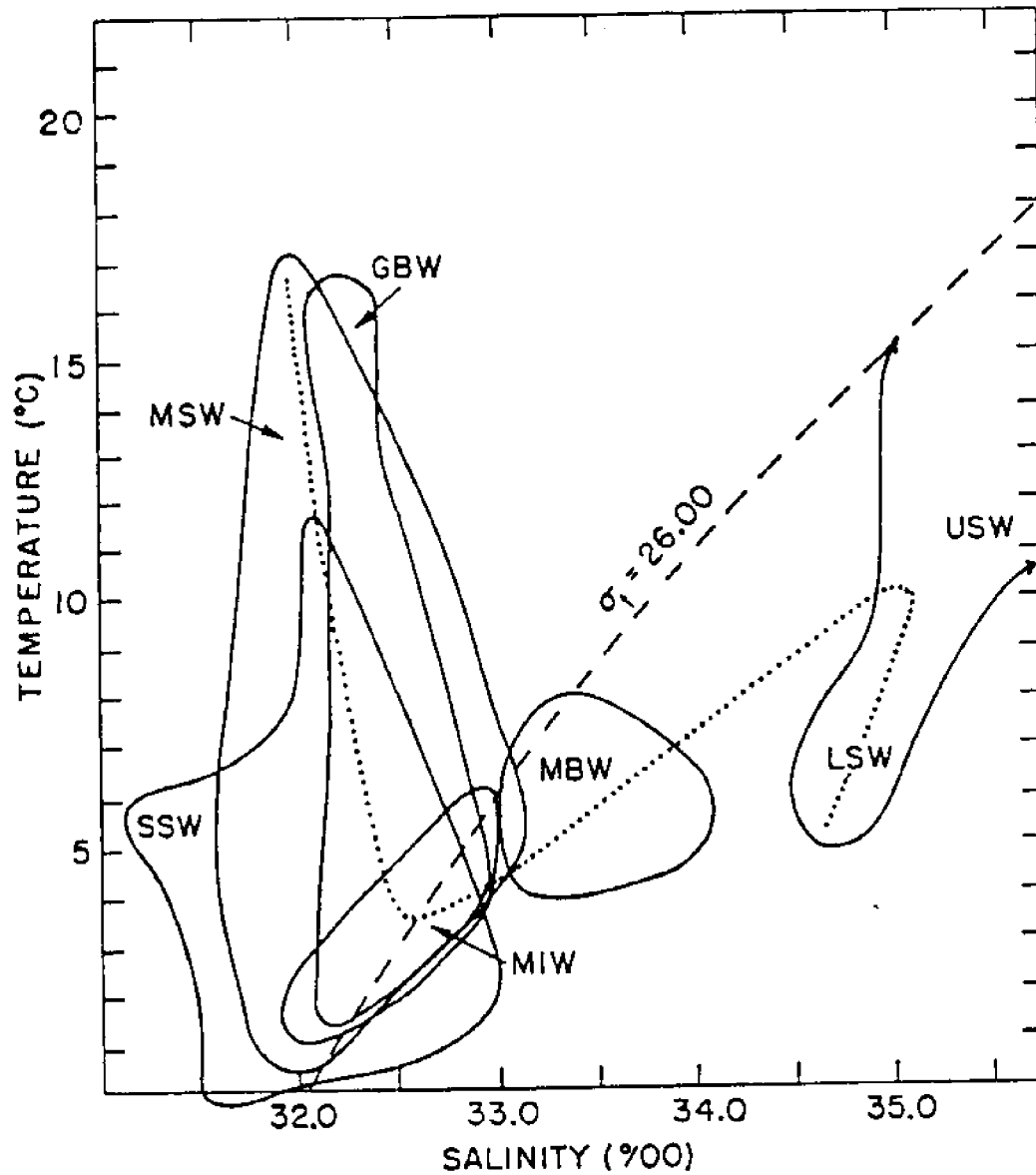


Figure 6. (from Hopkins and Garfield, 1979). T-S envelopes from a composite of the Colton et al. (1968) data from December 1965 to September 1966. The water mass abbreviations are MSW—Maine Surface Water; MIW—Maine Intermediate Water; MBW—Maine Bottom Water; SSW—Scotian Shelf Water; GBW—Georges Bank Water; USW—Upper Slope Water; and LSW—Lower Slope Water.

2 DECIBAR TEMPERATURE APRIL 1987

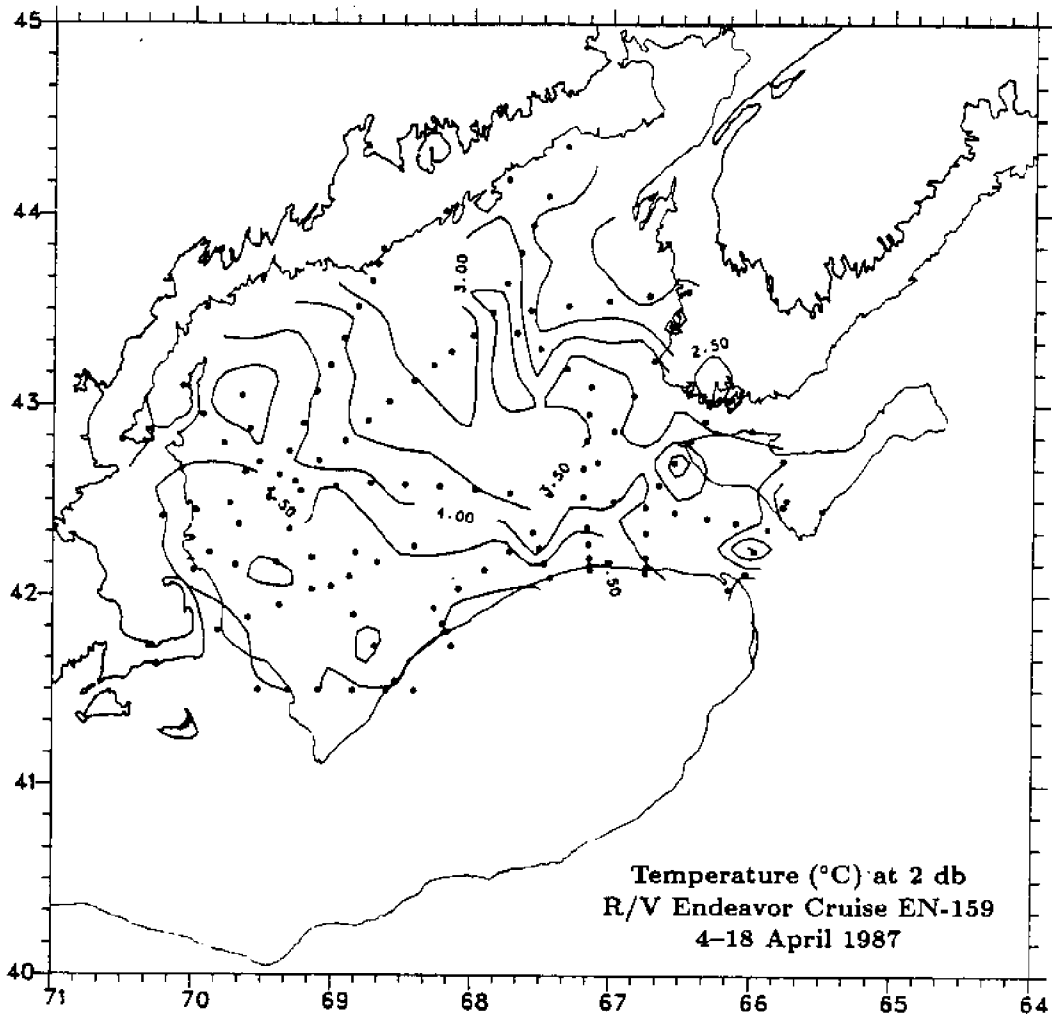


Figure 7. Horizontal section contour plot of 2 db temperature. Units are °C and contour interval is 0.5°C.

2 DECIBAR SALINITY APRIL 1987

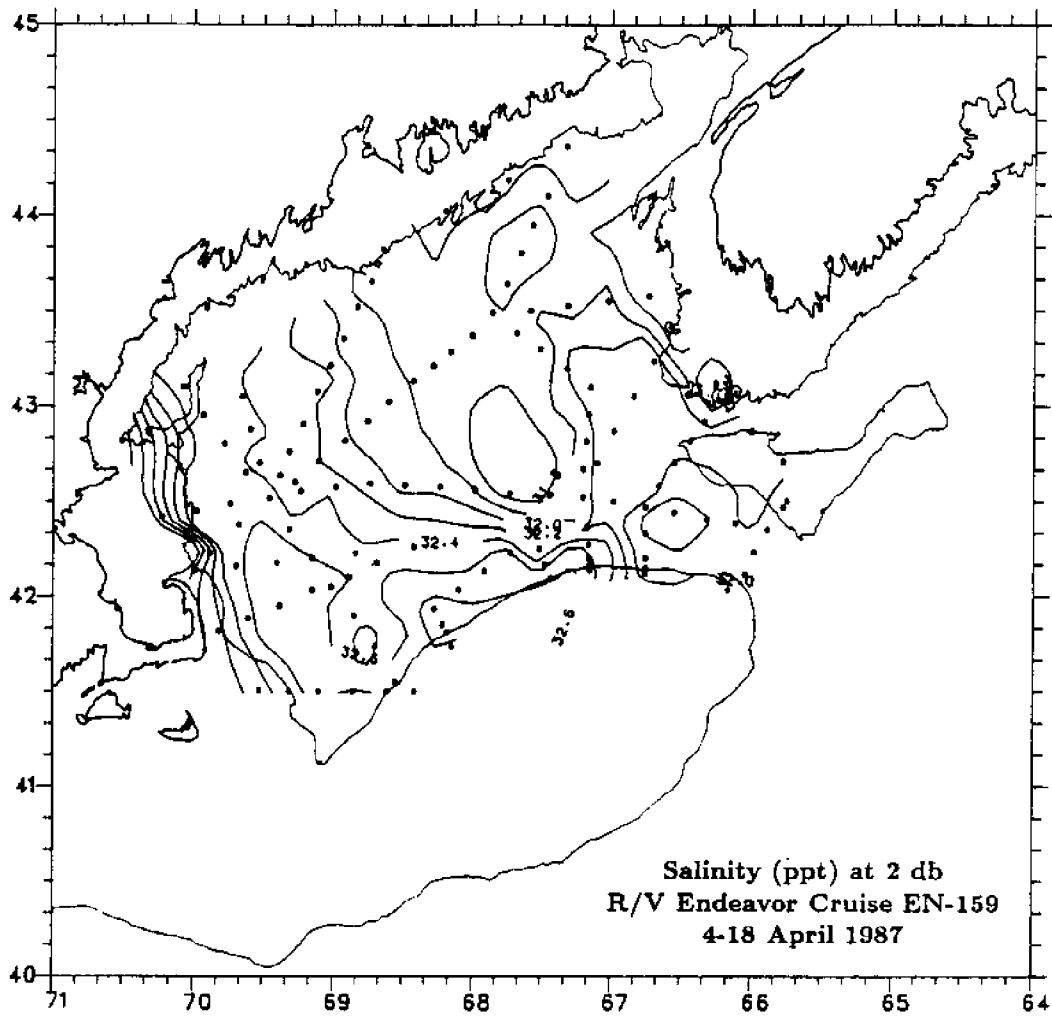


Figure 8. Horizontal section contour plot of 2 db salinity. Units are ppt and contour interval is 0.2 ppt.

2 DECIBAR SIGMA-THETA APRIL 1987

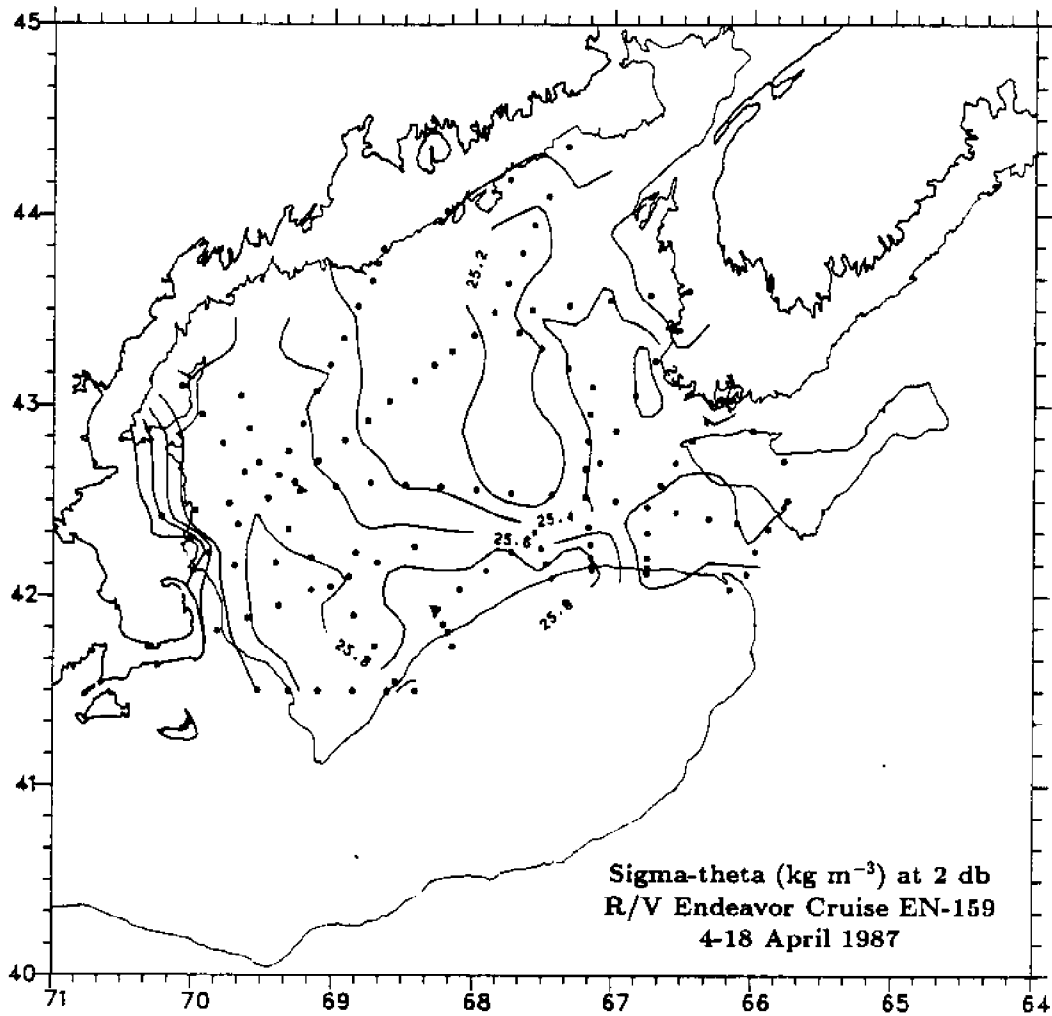


Figure 9. Horizontal section contour plot of 2 db sigma-theta. Units are kg m^{-3} and contour interval is 0.2 kg m^{-3} .

50 DECIBAR TEMPERATURE APRIL 1987

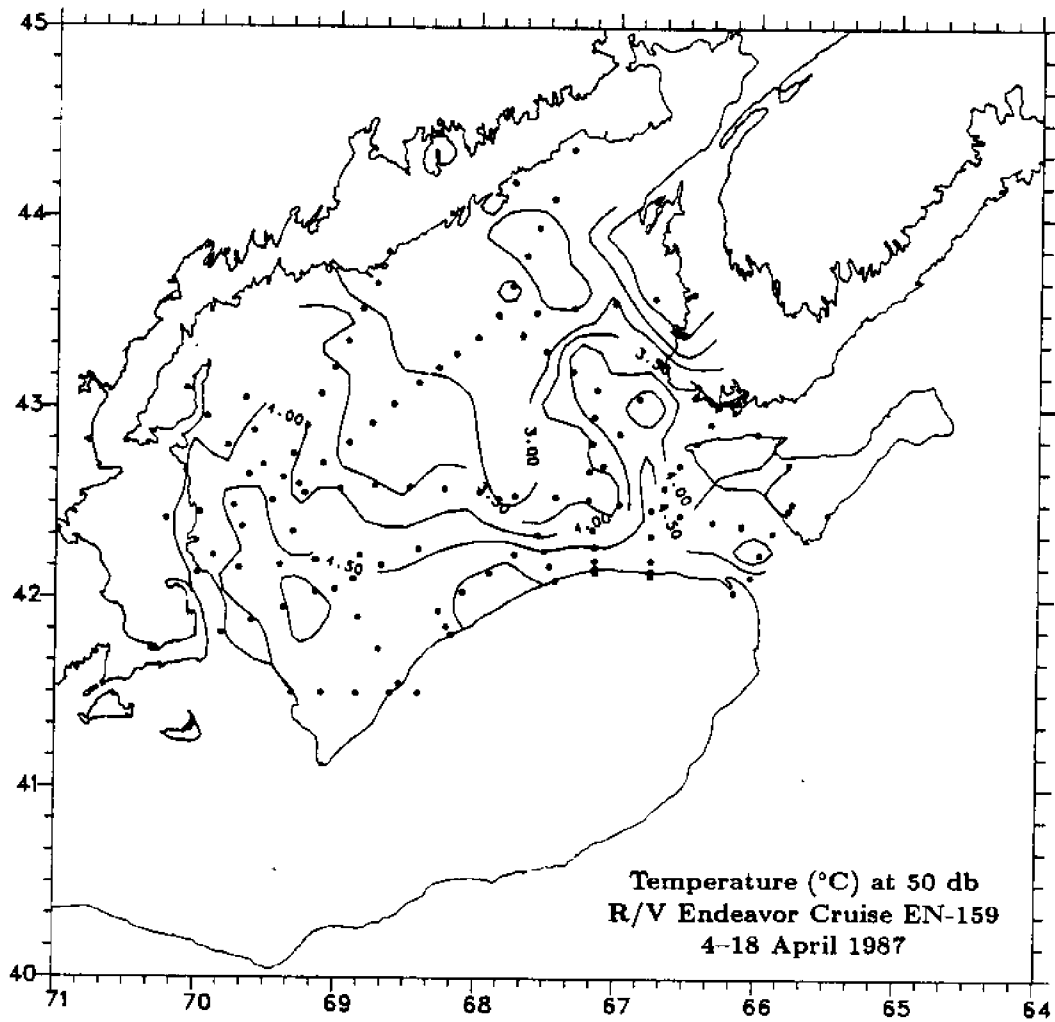


Figure 10. Horizontal section contour plot of 50 db temperature. Units are °C and contour interval is 0.5°C.

50 DECIBAR SALINITY APRIL 1987

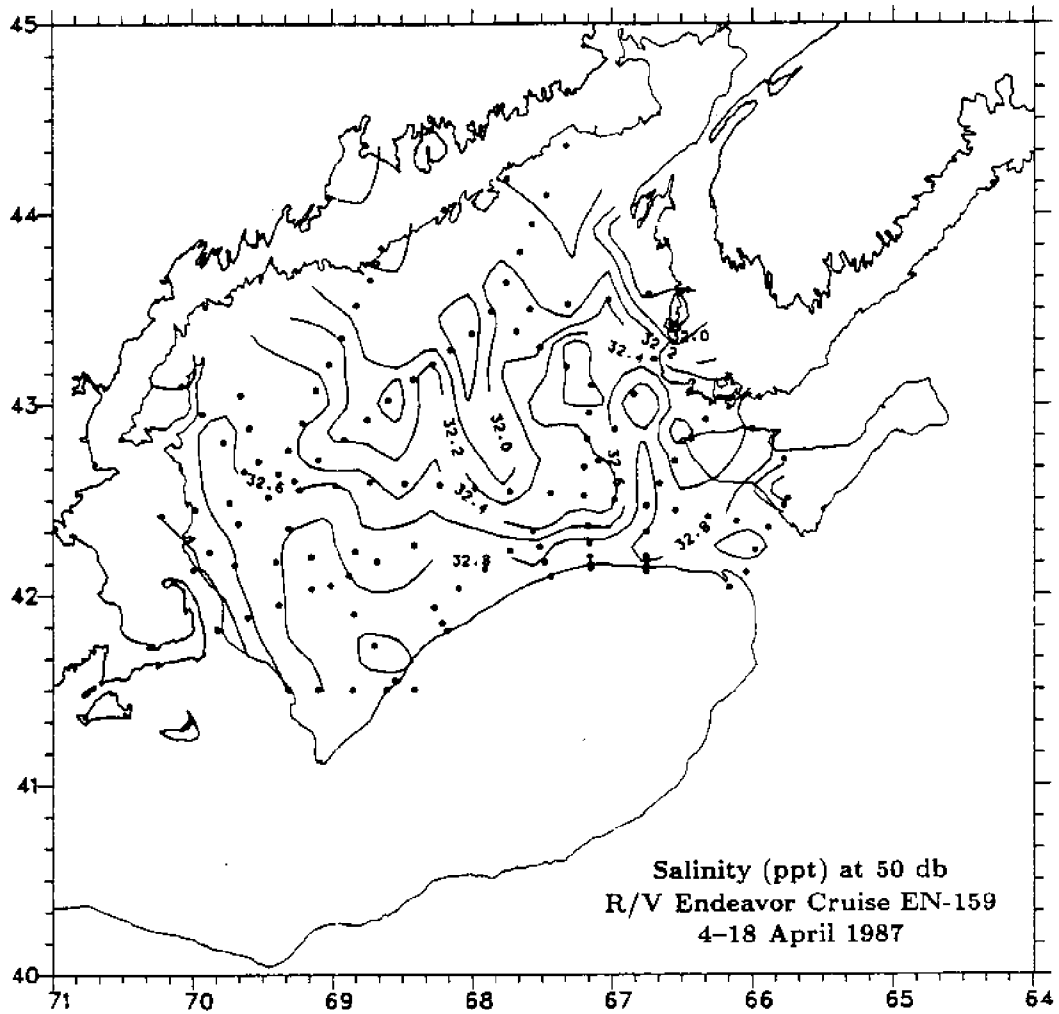


Figure 11. Horizontal section contour plot of 50 db salinity. Units are ppt and contour interval is 0.2 ppt.

50 DECIBAR SIGMA-THETA APRIL 1987

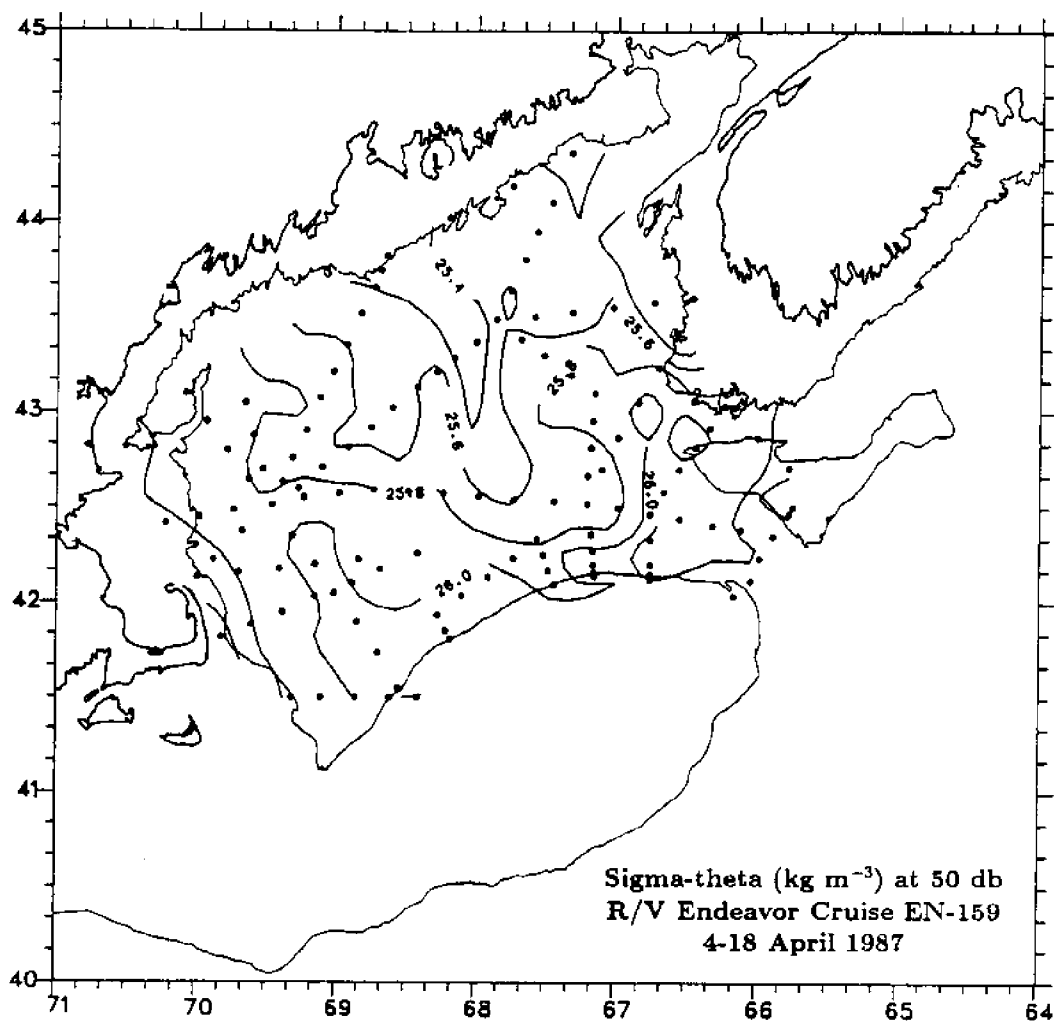


Figure 12. Horizontal section contour plot of 50 db sigma-theta. Units are kg m^{-3} and contour interval is 0.2 kg m^{-3} .

100 DECIBAR TEMPERATURE APRIL 1987

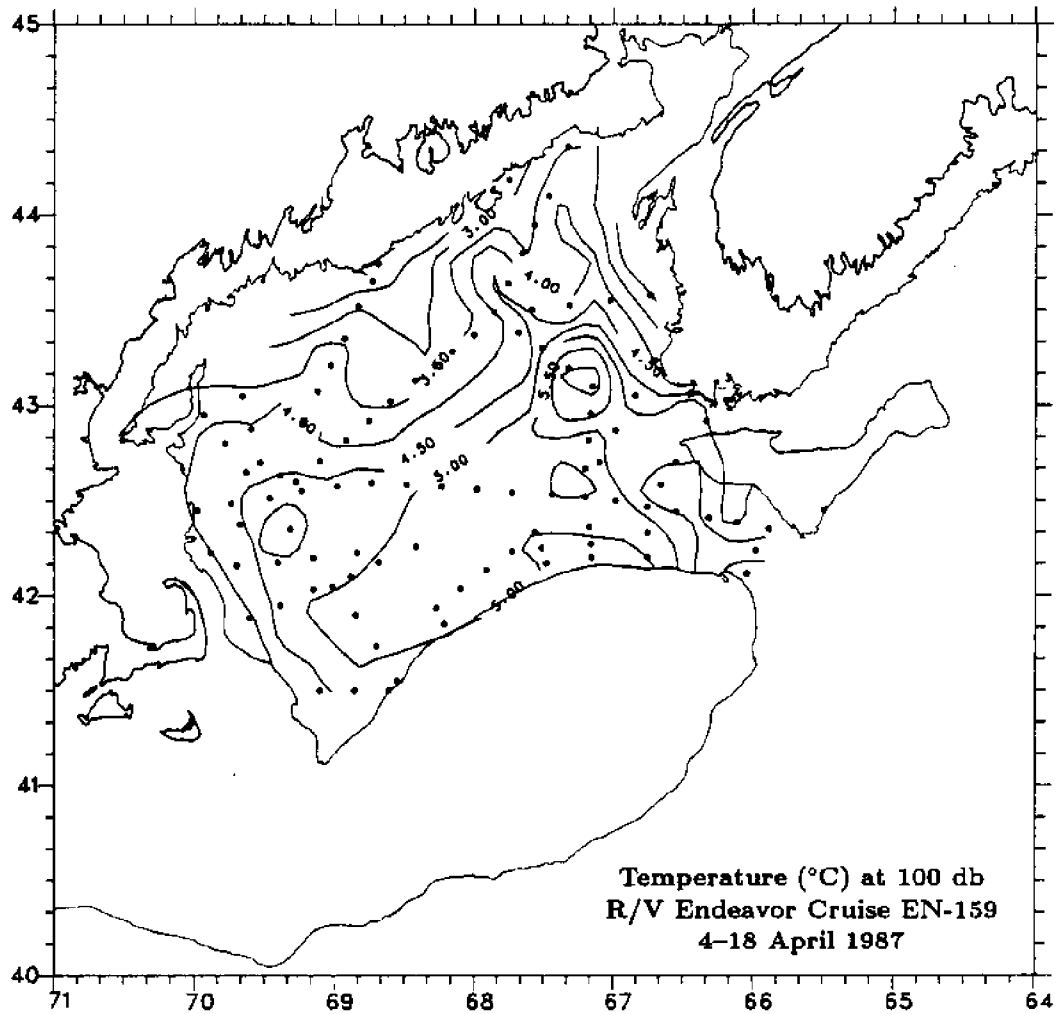


Figure 13. Horizontal section contour plot of 100 db temperature. Units are °C and contour interval is 0.5°C.

100 DECIBAR SALINITY APRIL 1987

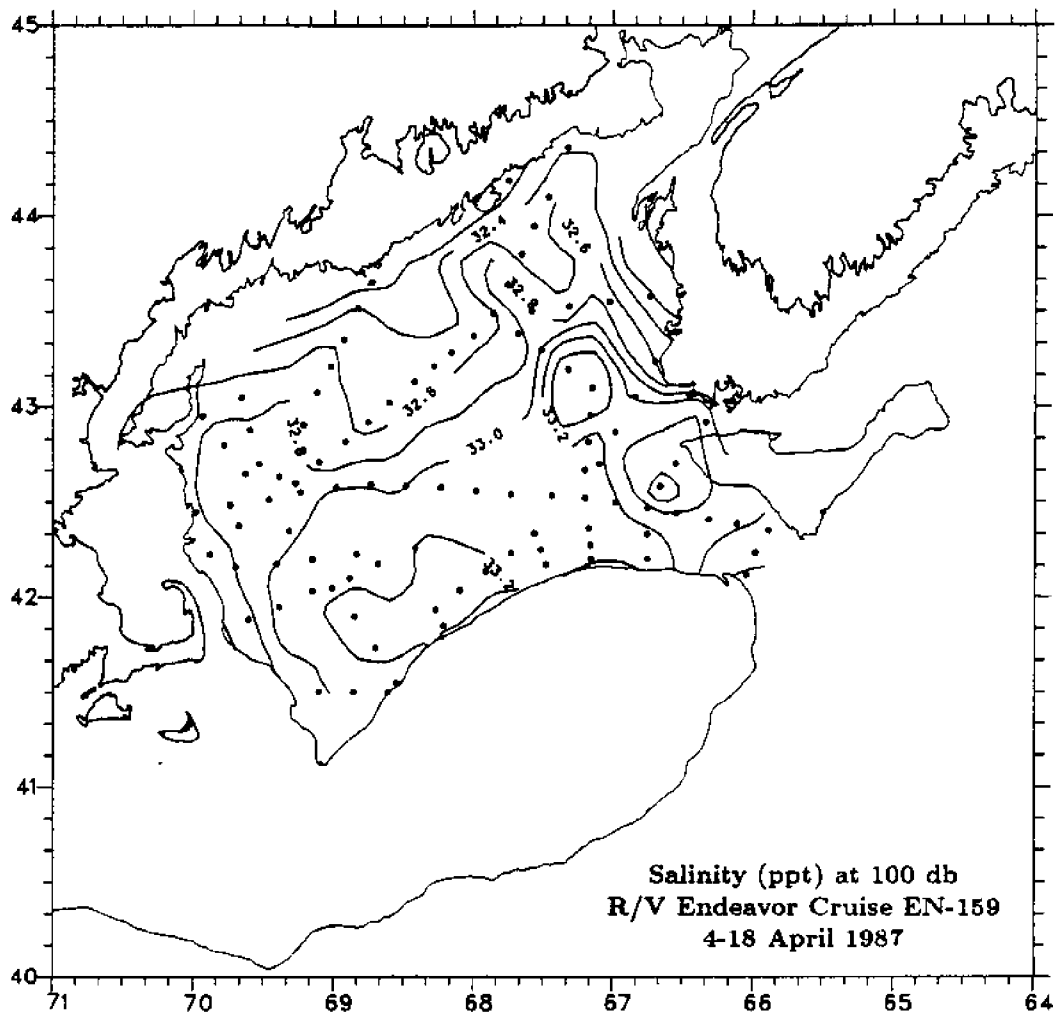


Figure 14. Horizontal section contour plot of 100 db salinity. Units are ppt and contour interval is 0.2 ppt.

100 DECIBAR SIGMA-THETA APRIL 1987

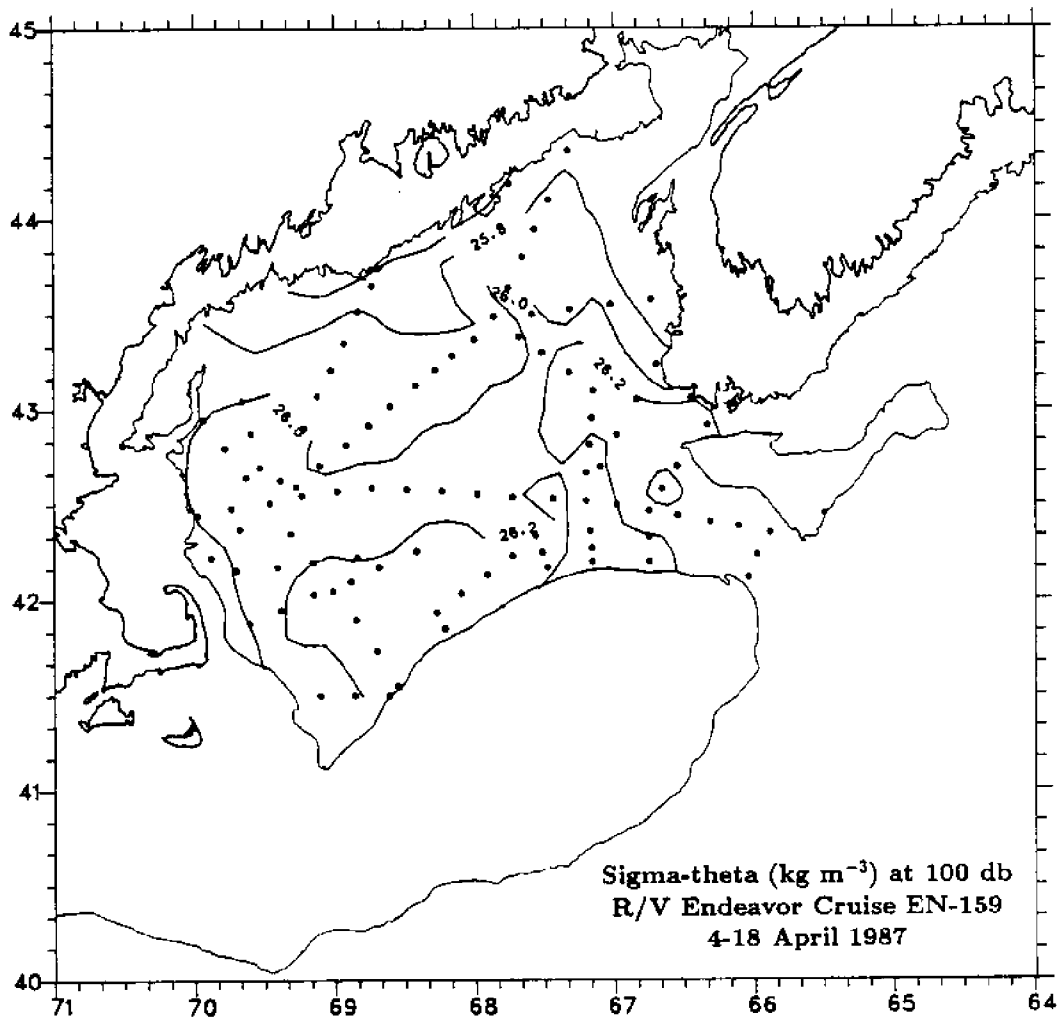


Figure 15. Horizontal section contour plot of 100 db sigma-theta. Units are kg m^{-3} and contour interval is 0.2 kg m^{-3} .

150 DECIBAR TEMPERATURE APRIL 1987

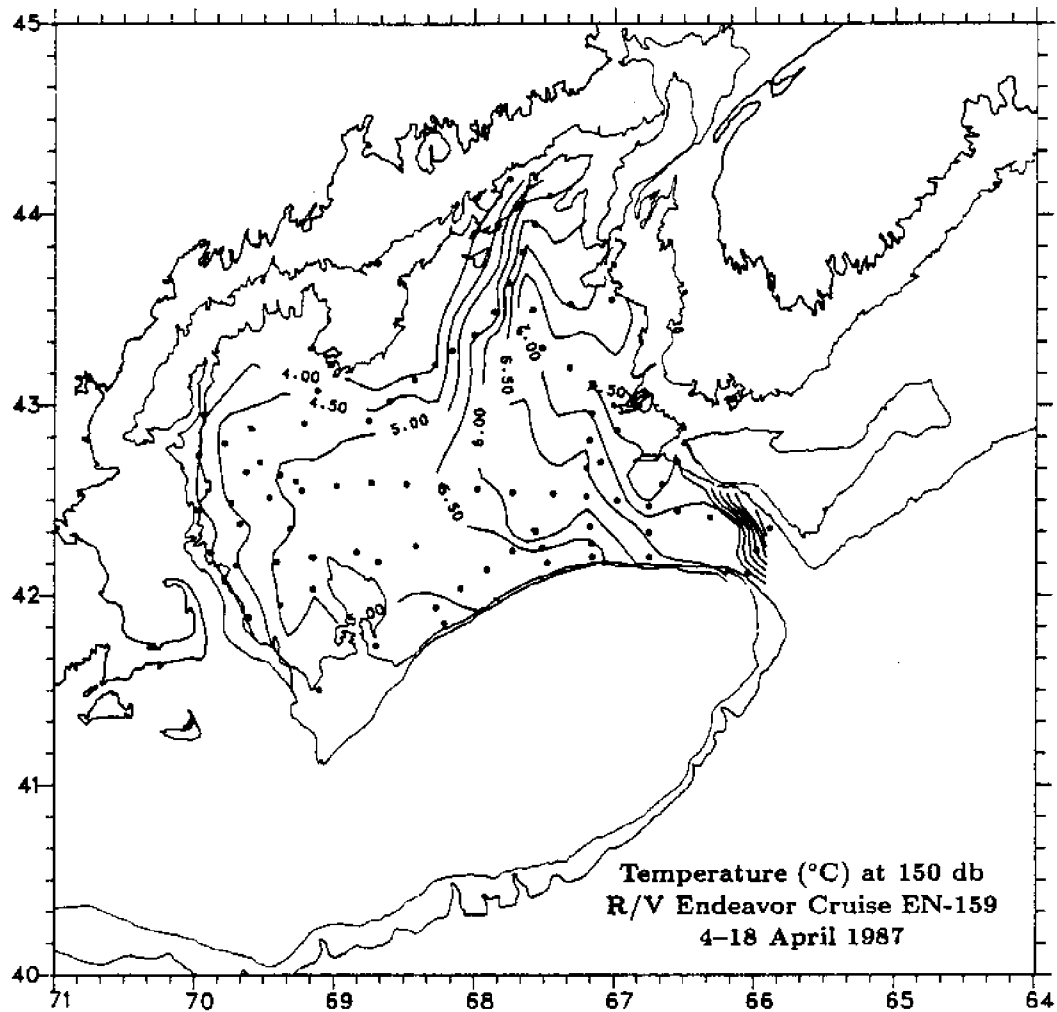


Figure 16. Horizontal section contour plot of 150 db temperature. Units are °C and contour interval is 0.5°C.

150 DECIBAR SALINITY APRIL 1987

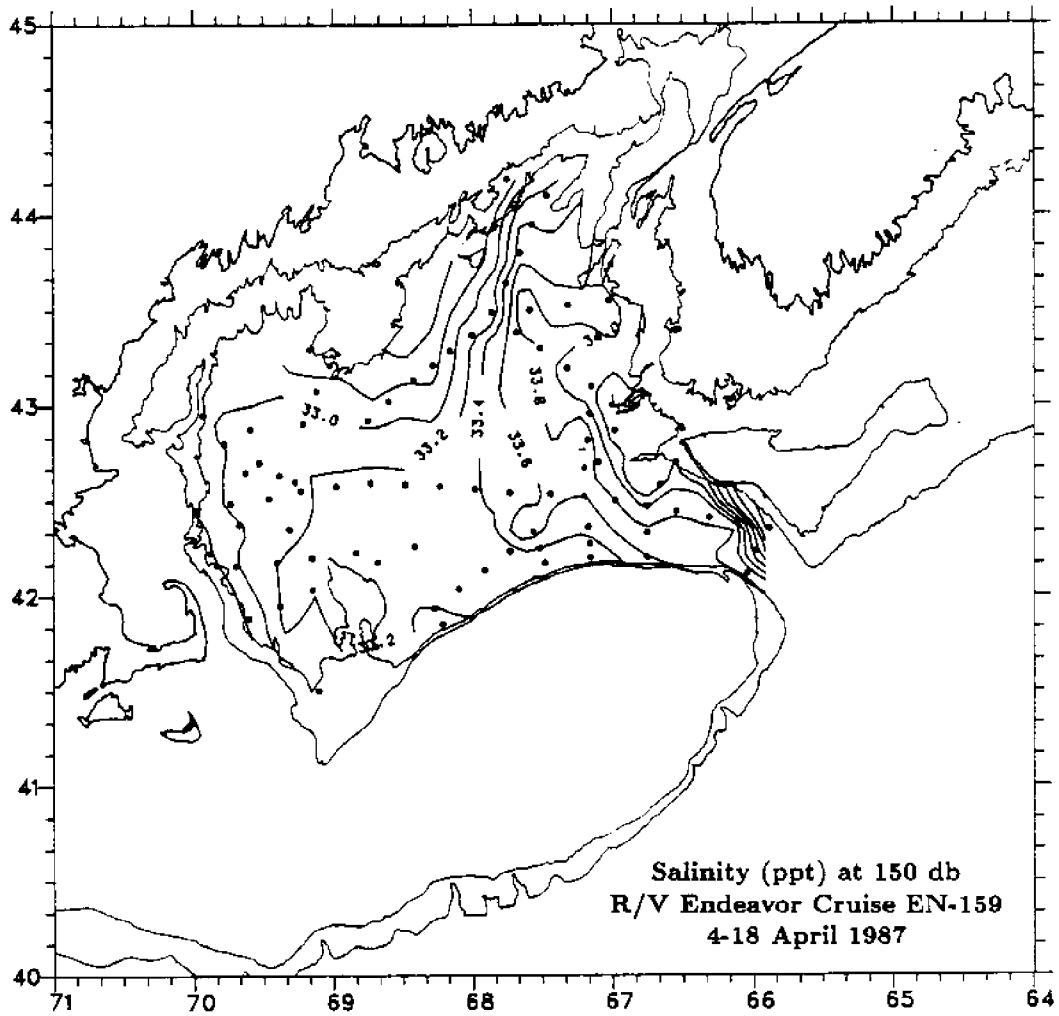


Figure 17. Horizontal section contour plot of 150 db salinity. Units are ppt and contour interval is 0.2 ppt.

150 DECIBAR SIGMA-THETA APRIL 1987

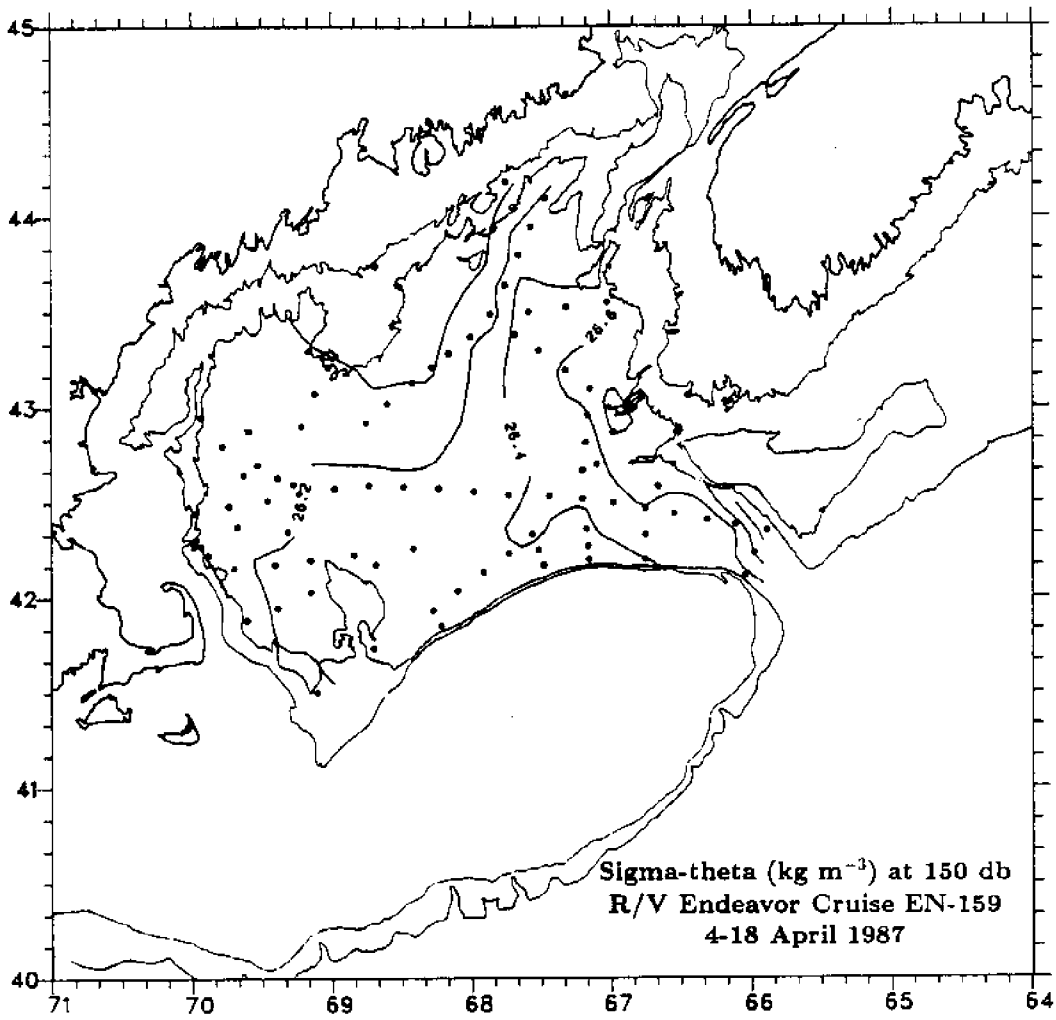


Figure 18. Horizontal section contour plot of 150 db sigma-theta. Units are kg m^{-3} and contour interval is 0.2 kg m^{-3} .

200 DECIBAR TEMPERATURE APRIL 1987

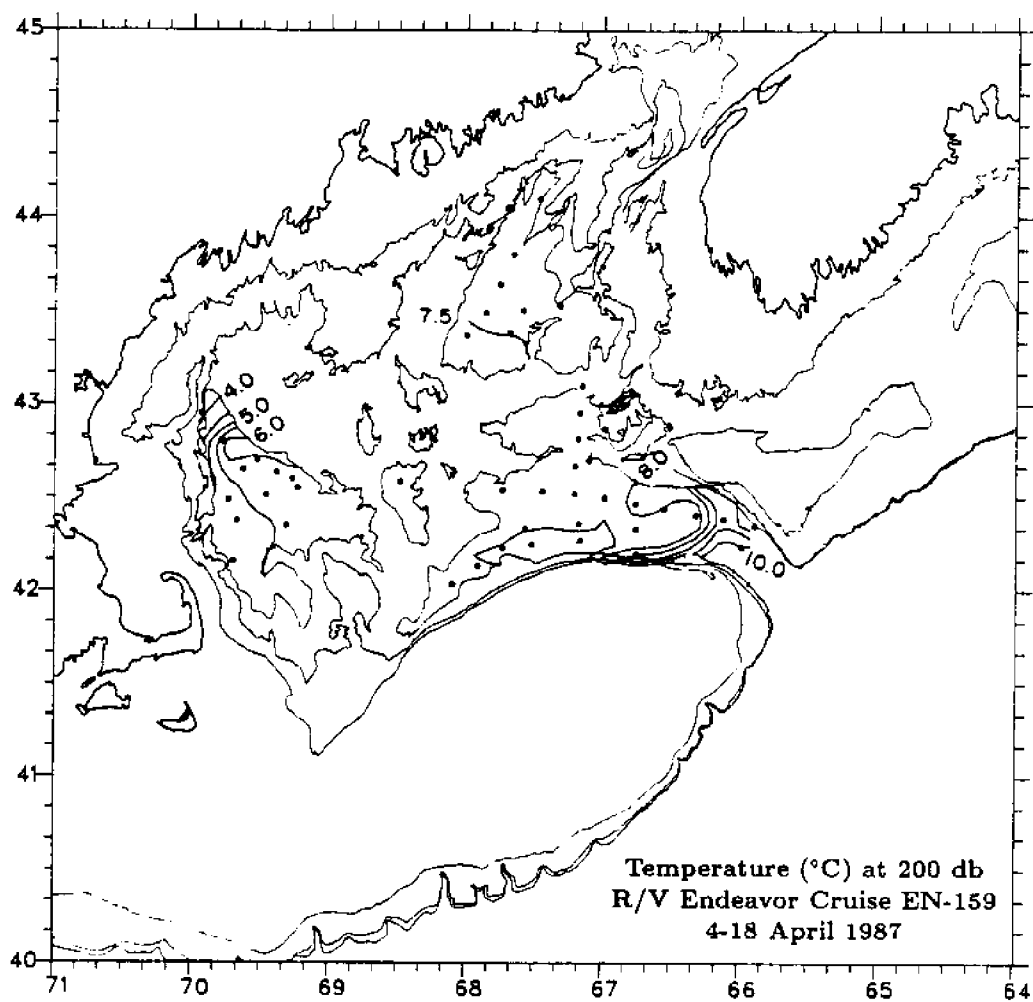


Figure 19. Horizontal section contour plot of 200 db temperature. Units are °C and contour interval is 0.5°C.

200 DECIBAR SALINITY APRIL 1987

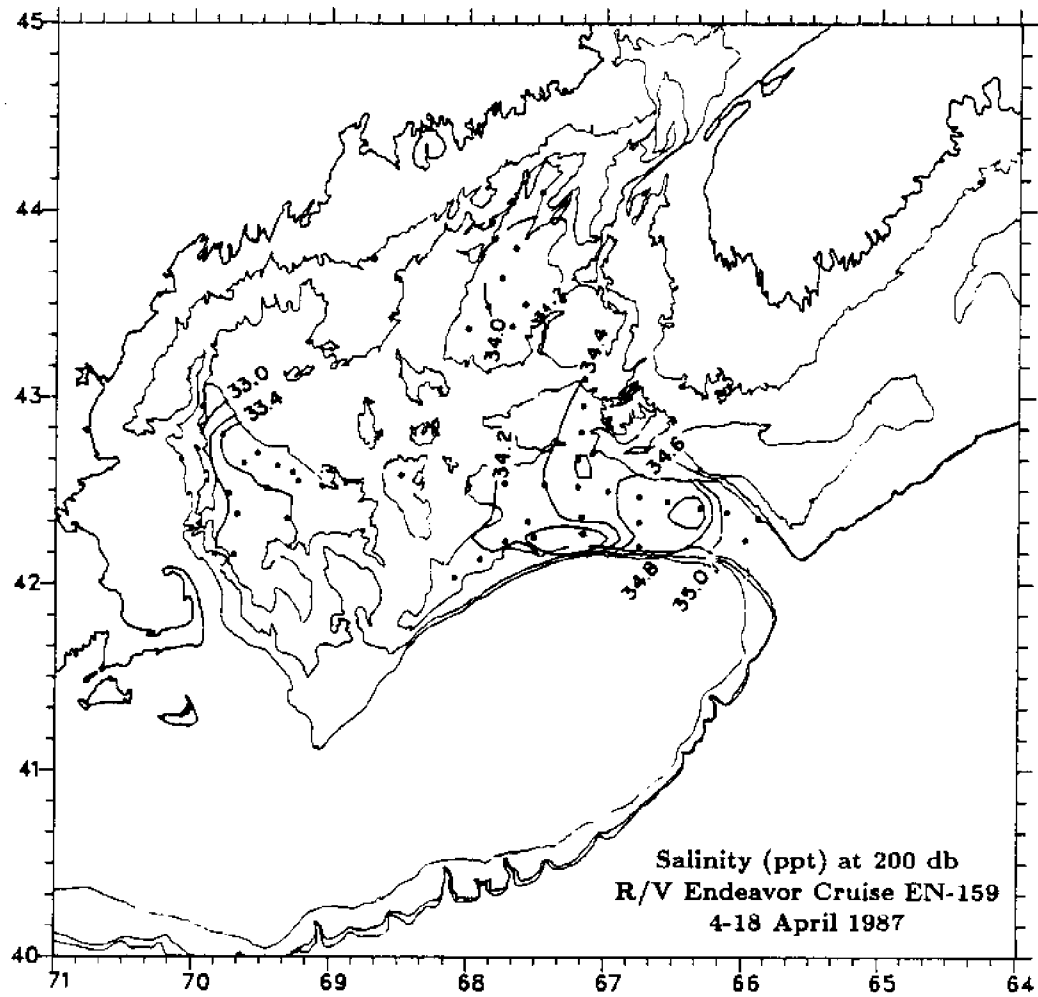


Figure 20. Horizontal section contour plot of 200 db salinity. Units are ppt and contour interval is 0.2 ppt.

200 DECIBAR SIGMA-THETA APRIL 1987

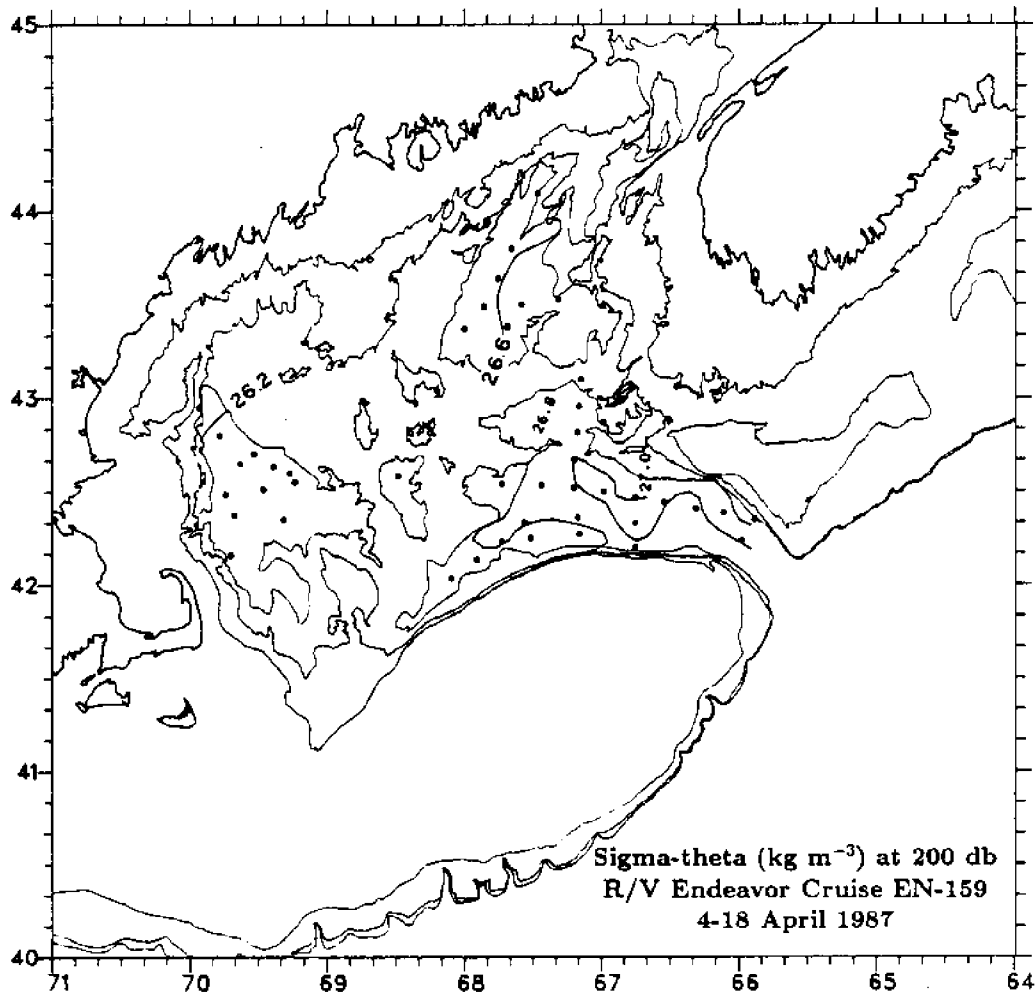


Figure 21. Horizontal section contour plot of 200 db sigma-theta. Units are kg m^{-3} and contour interval is 0.2 kg m^{-3} .

SURFACE DYNAMIC HEIGHT RELATIVE TO 100 DB APRIL 1987

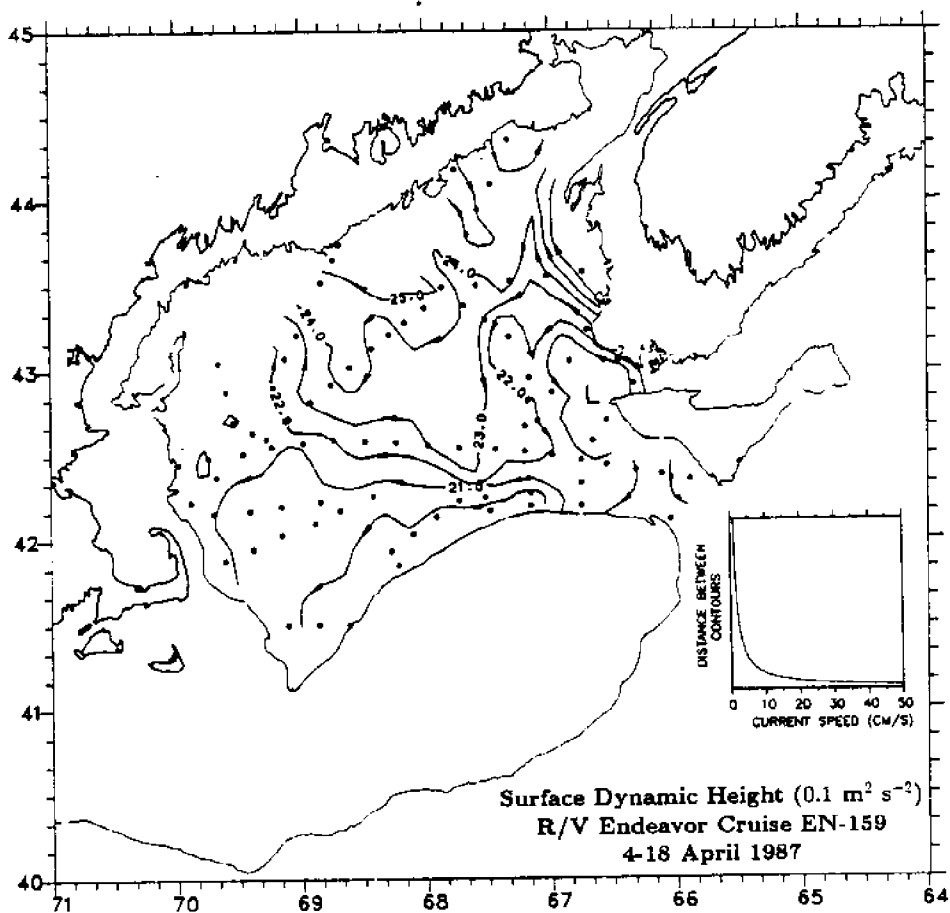


Figure 22. Surface dynamic height relative to 100 db. Units are dynamic centimeters ($0.1 \text{ m}^2 \text{ s}^{-2}$) and contour interval 1 dynamic centimeter.

SECTION 1 TEMPERATURE

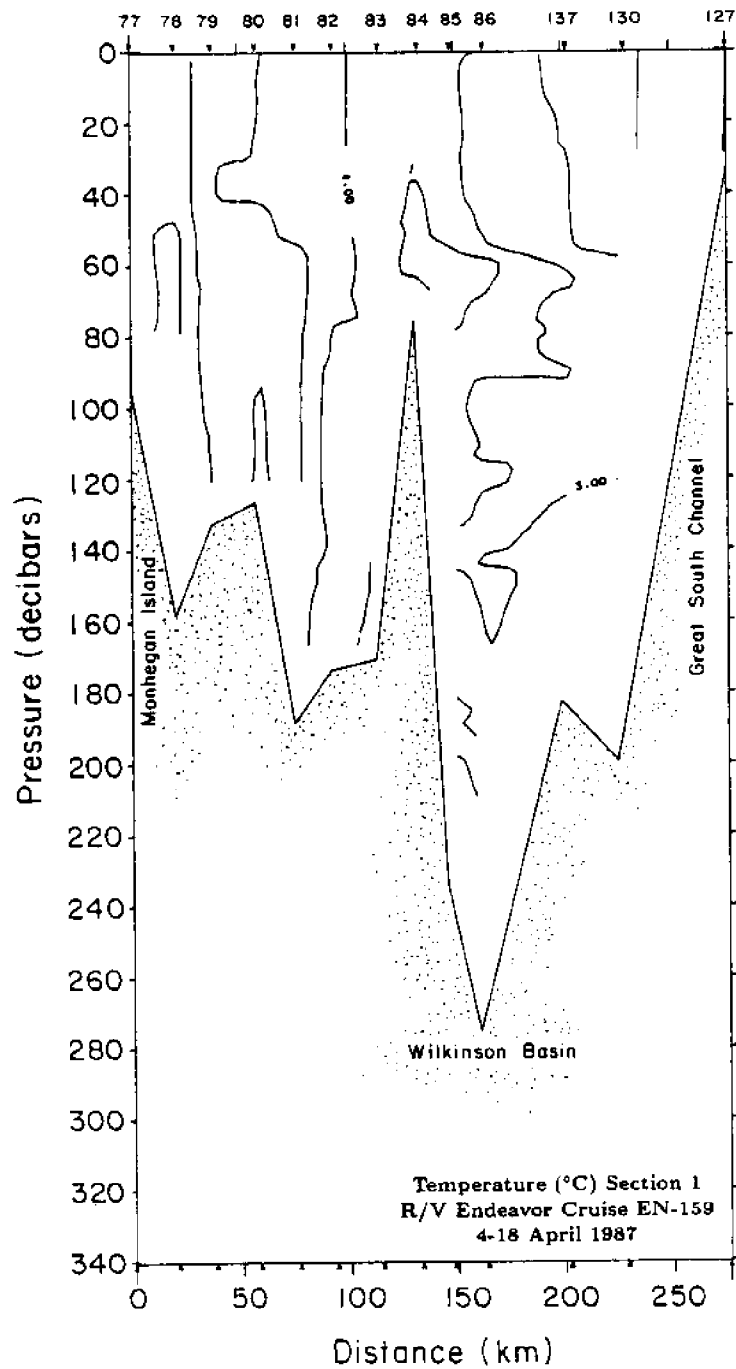


Figure 23. Vertical section contour plot of section 1 temperature. Units are °C and contour interval is 0.5°C.

SECTION 1 SALINITY

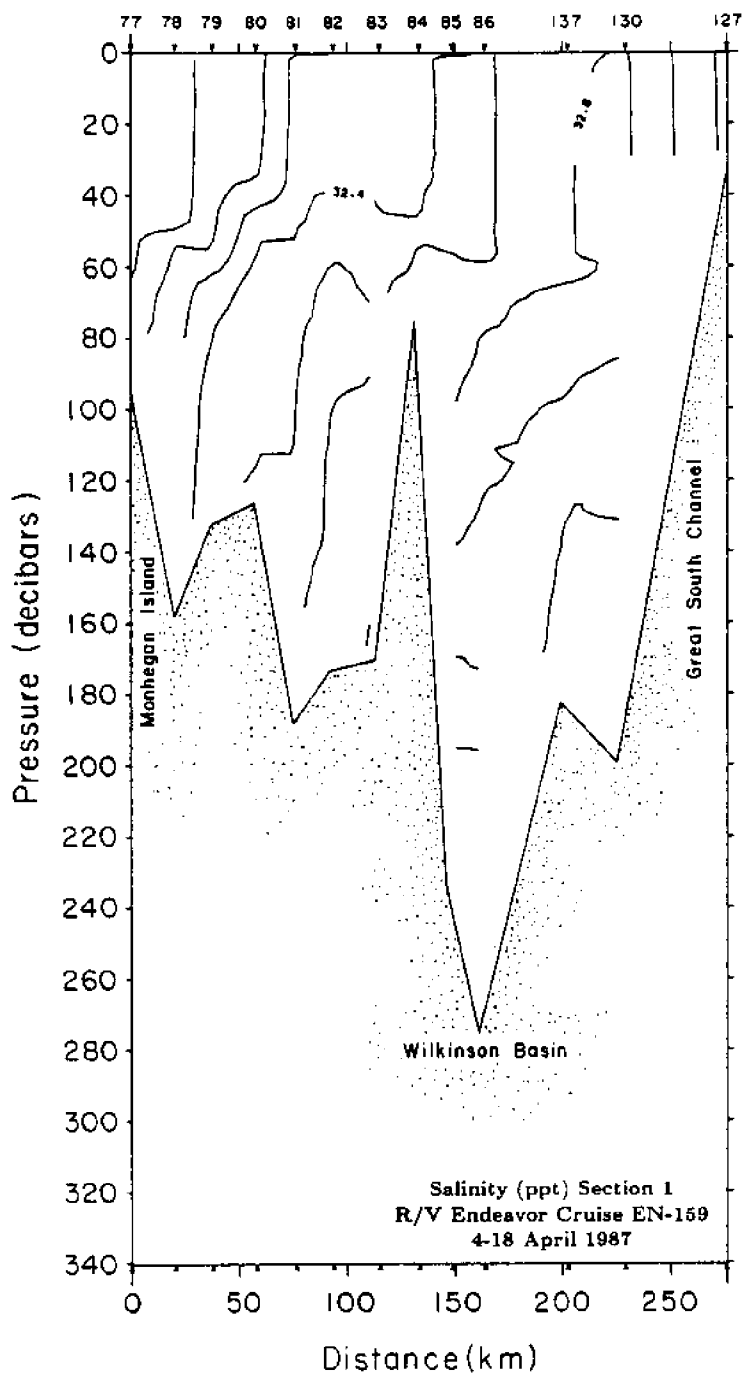


Figure 24. Vertical section contour plot of section 1 salinity. Units are *ppt* and contour interval is 0.2 *ppt*.

SECTION 1
SIGMA-THETA

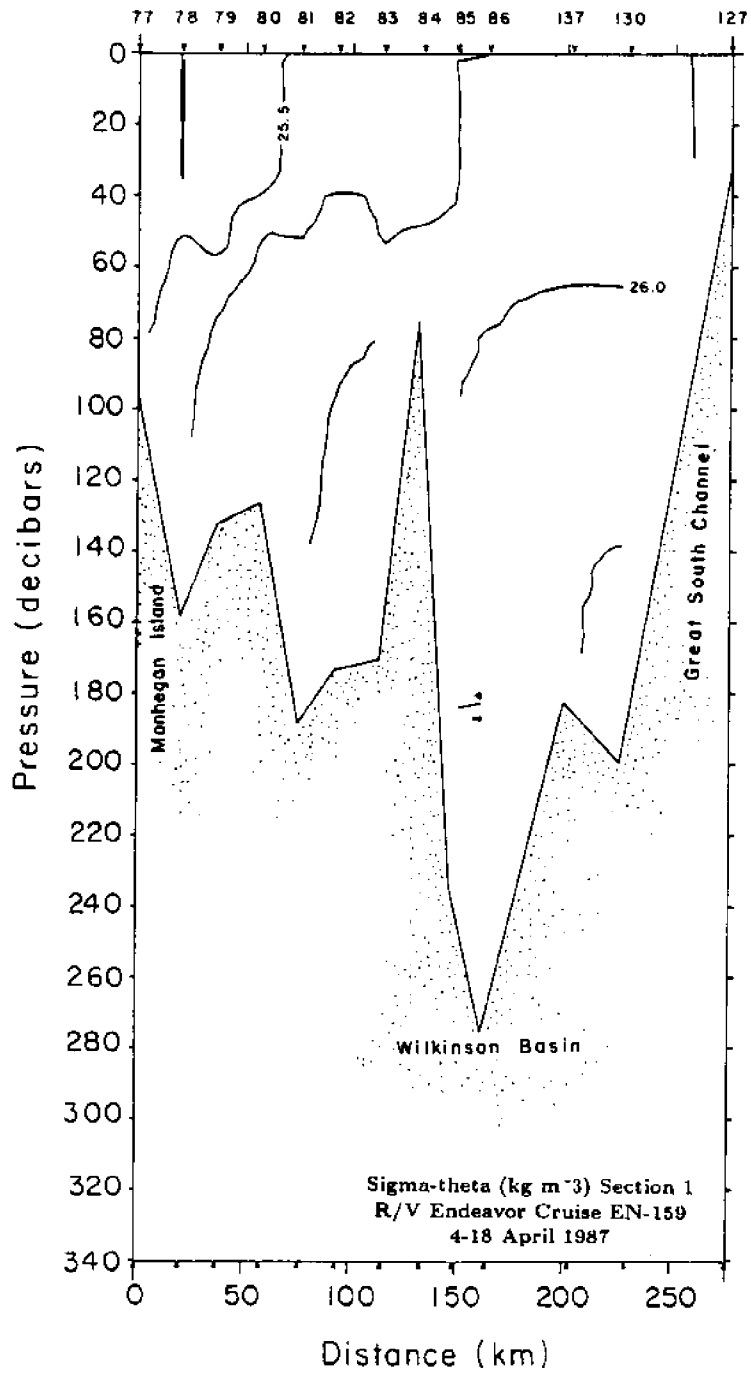


Figure 25. Vertical section contour plot of section 1 sigma-theta. Units are $kg\ m^{-3}$ and contour interval is $0.25\ kg\ m^{-3}$.

SECTION 2 TEMPERATURE

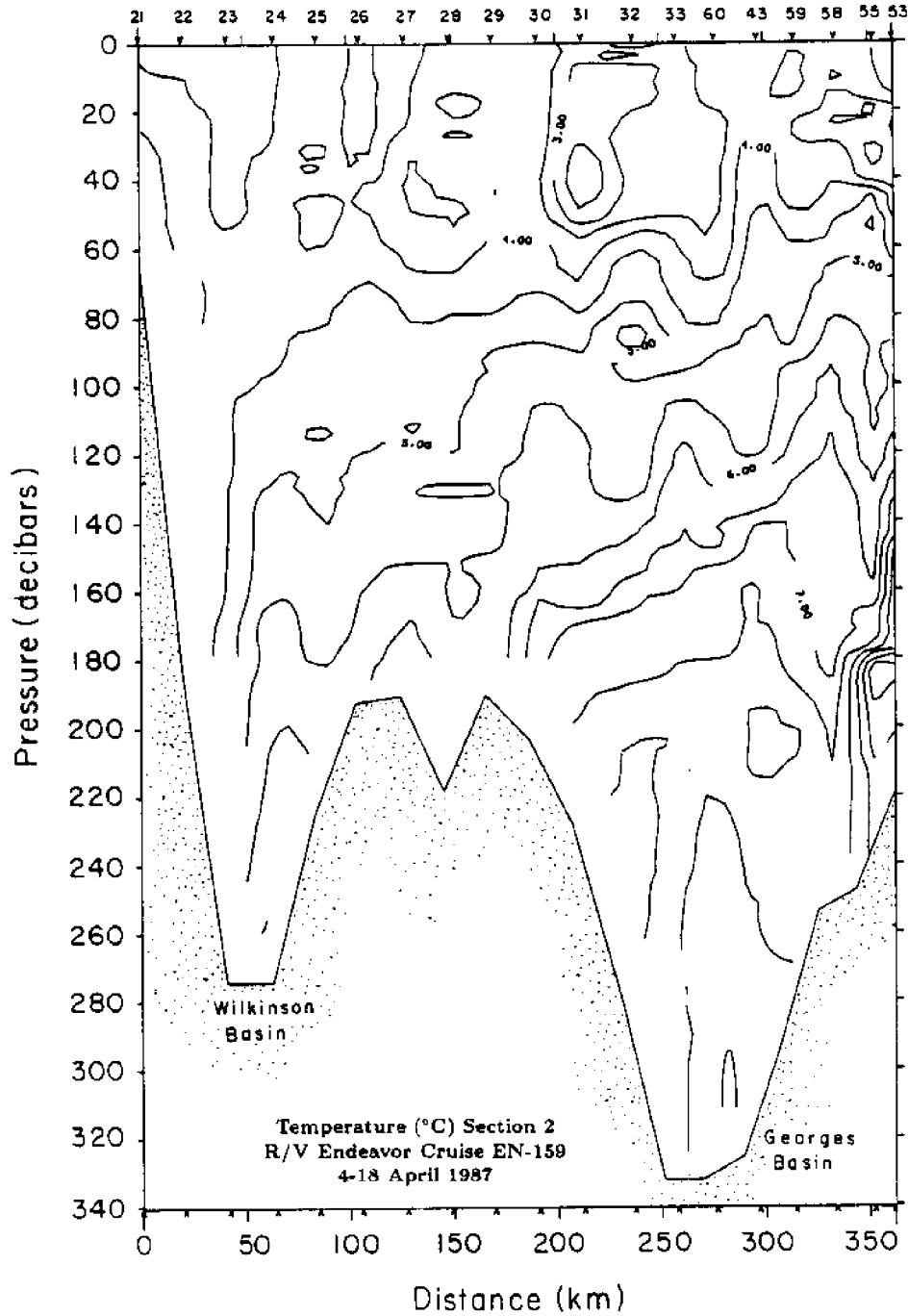


Figure 26. Vertical section contour plot of section 2 temperature. Units are °C and contour interval is 0.5°C.

SECTION 2 SALINITY

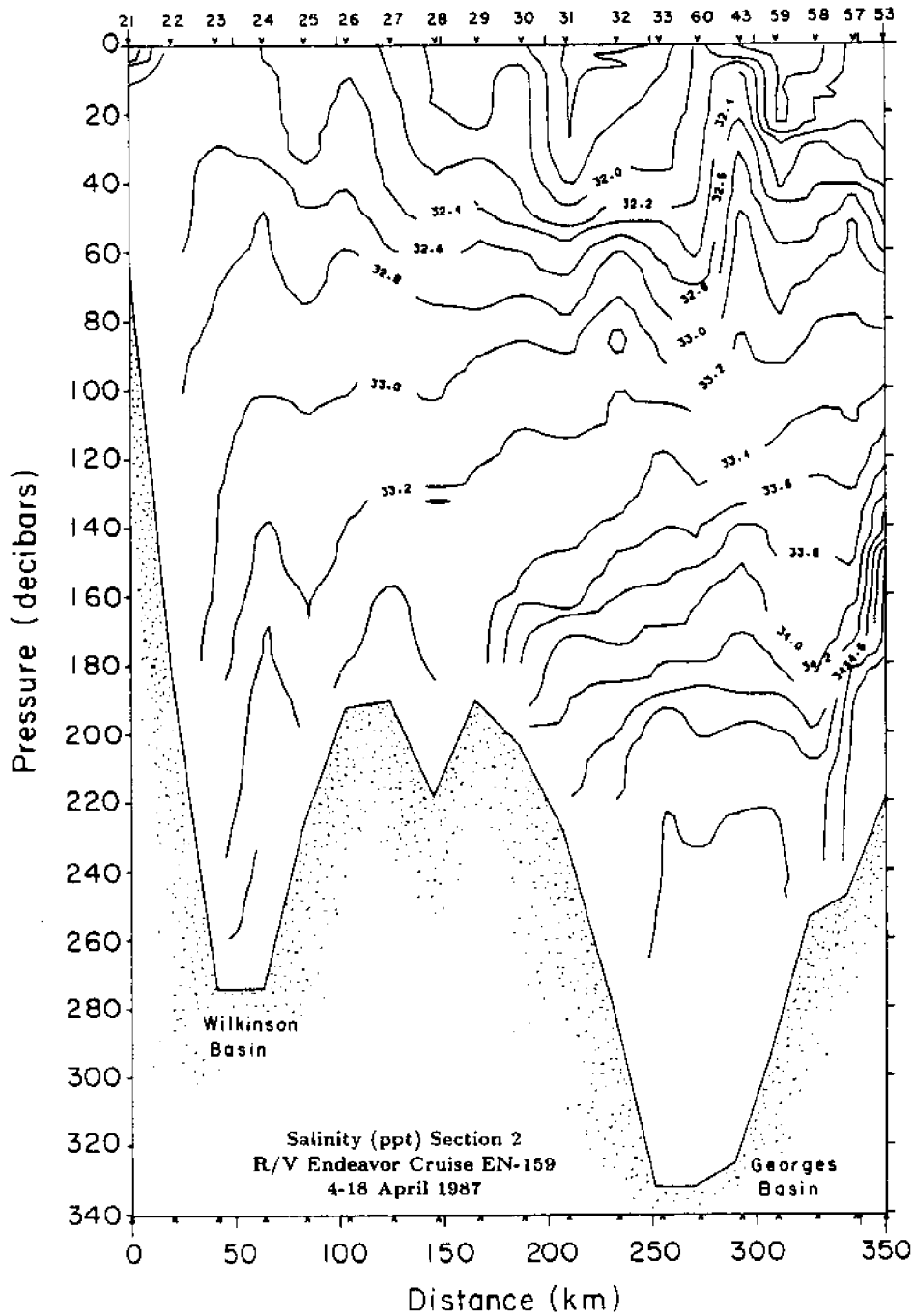


Figure 27. Vertical section contour plot of section 2 salinity. Units are *ppt* and contour interval is 0.2 *ppt*.

SECTION 2
SIGMA-THETA

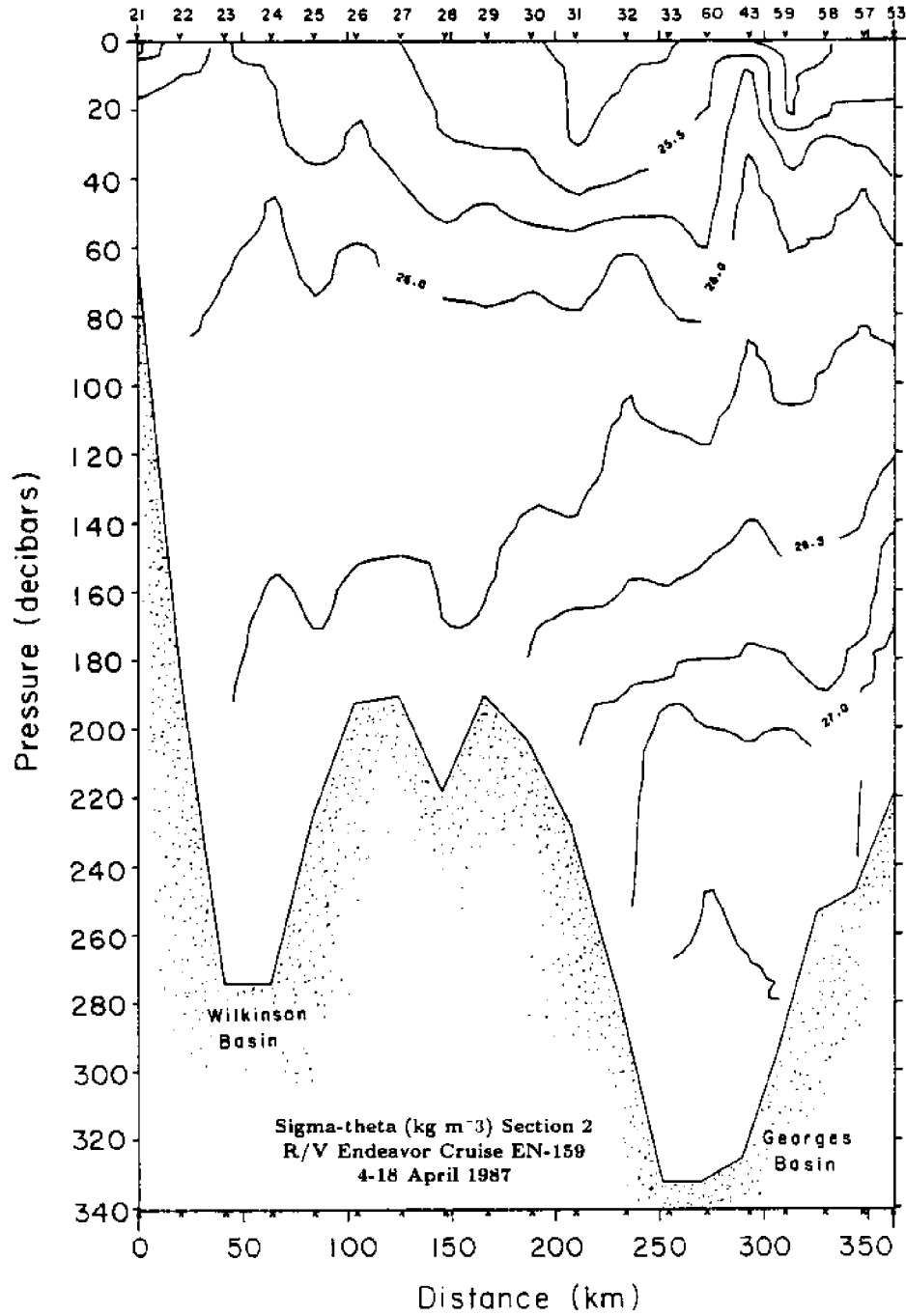


Figure 28. Vertical section contour plot of section 2 sigma-theta. Units are $kg m^{-3}$ and contour interval is $0.25 kg m^{-3}$.

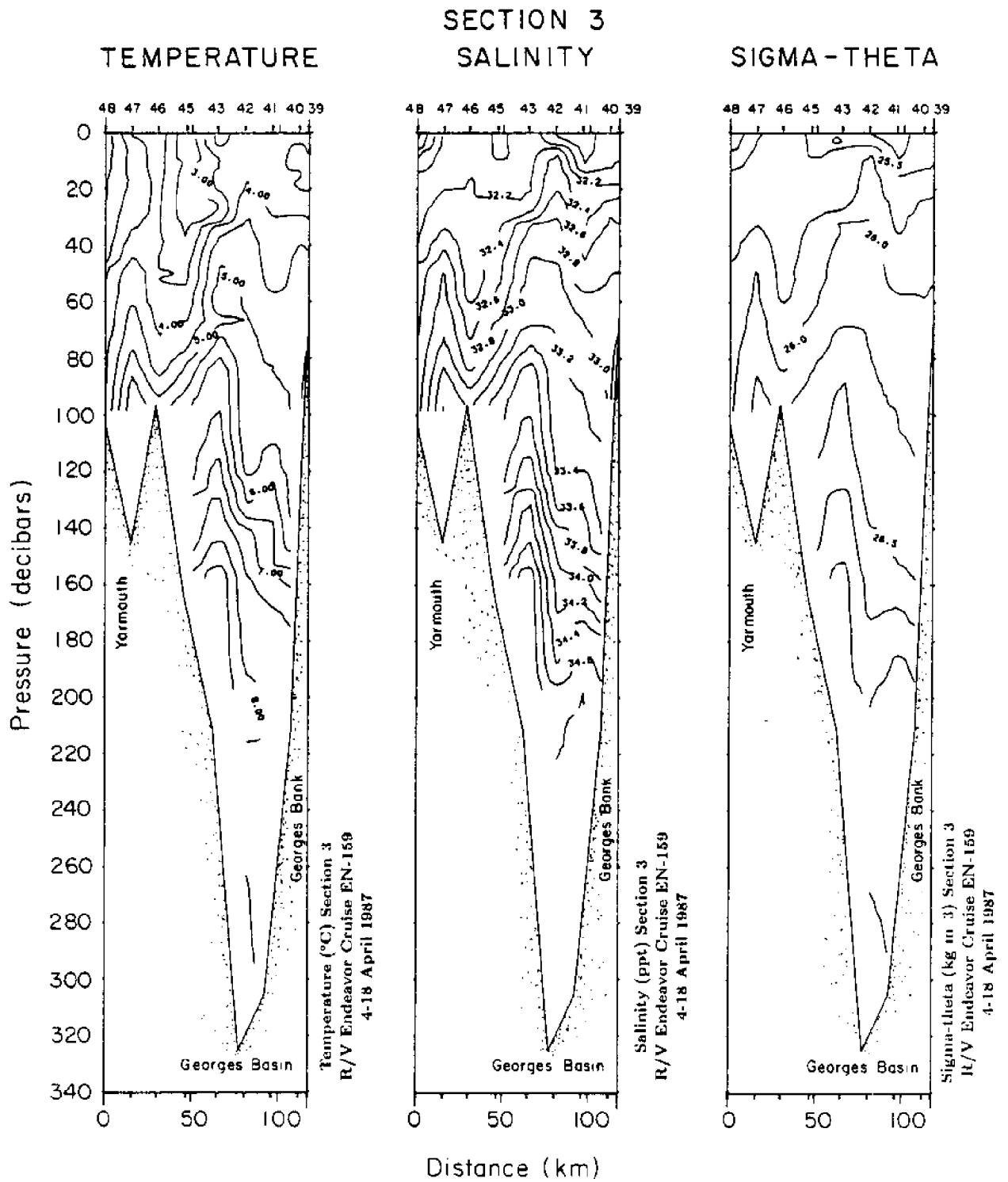


Figure 29. Vertical section contour plot of section 3 temperature, salinity, and sigma-theta. Temperature units are $^{\circ}\text{C}$ and contour interval is 0.5°C . Salinity units are ppt and contour interval is 0.2 ppt . Sigma-theta units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

SECTION 4 TEMPERATURE

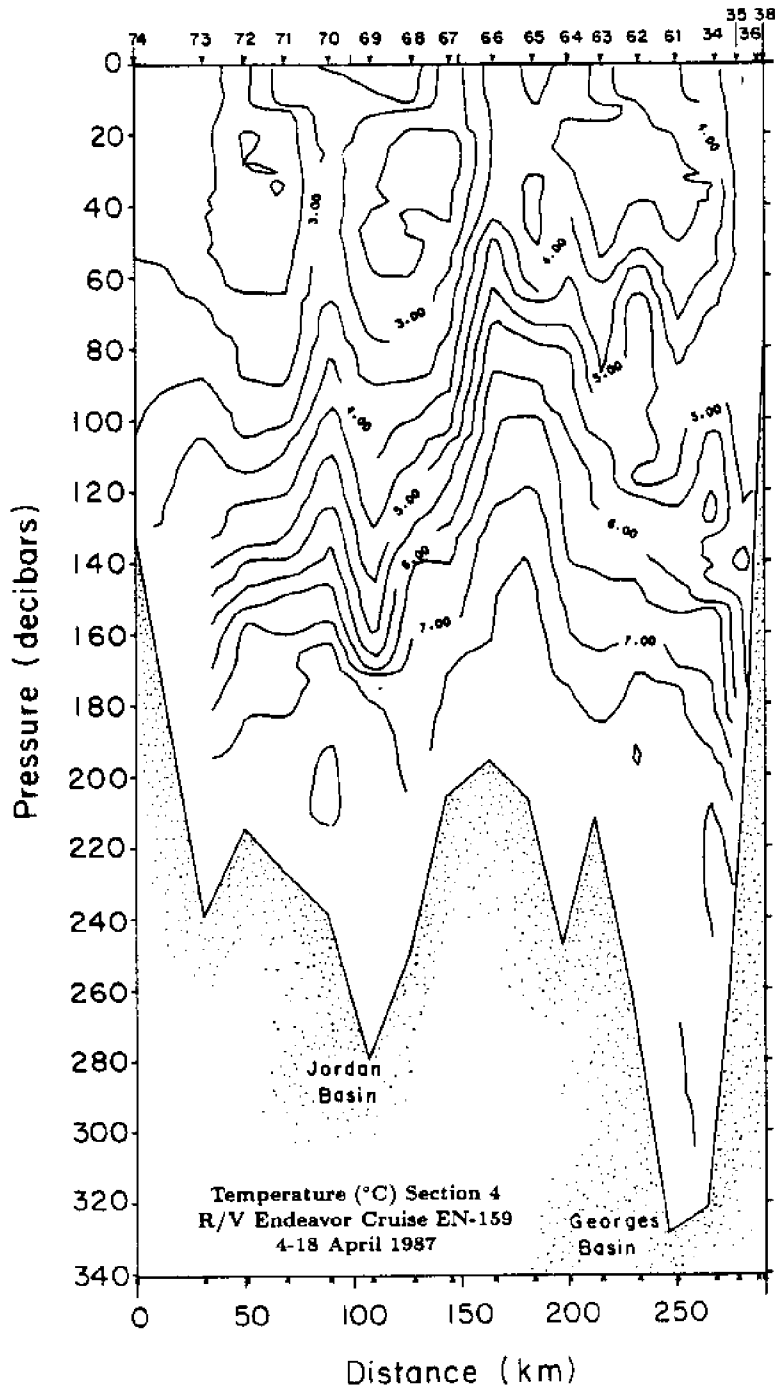


Figure 30. Vertical section contour plot of section 4 temperature. Units are °C and contour interval is 0.5°C.

SECTION 4 SALINITY

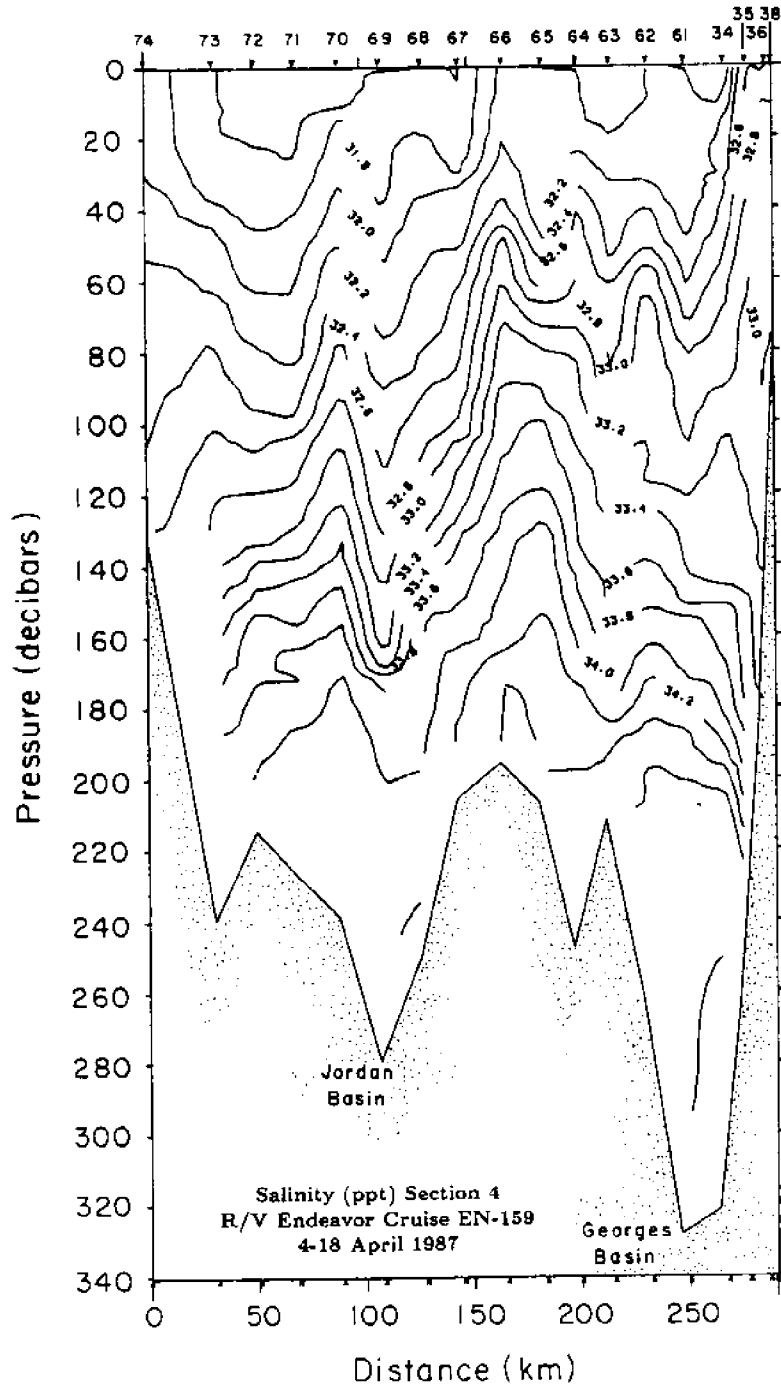


Figure 31. Vertical section contour plot of section 4 salinity. Units are *ppt* and contour interval is 0.2 *ppt*.

SECTION 4 SIGMA-THETA

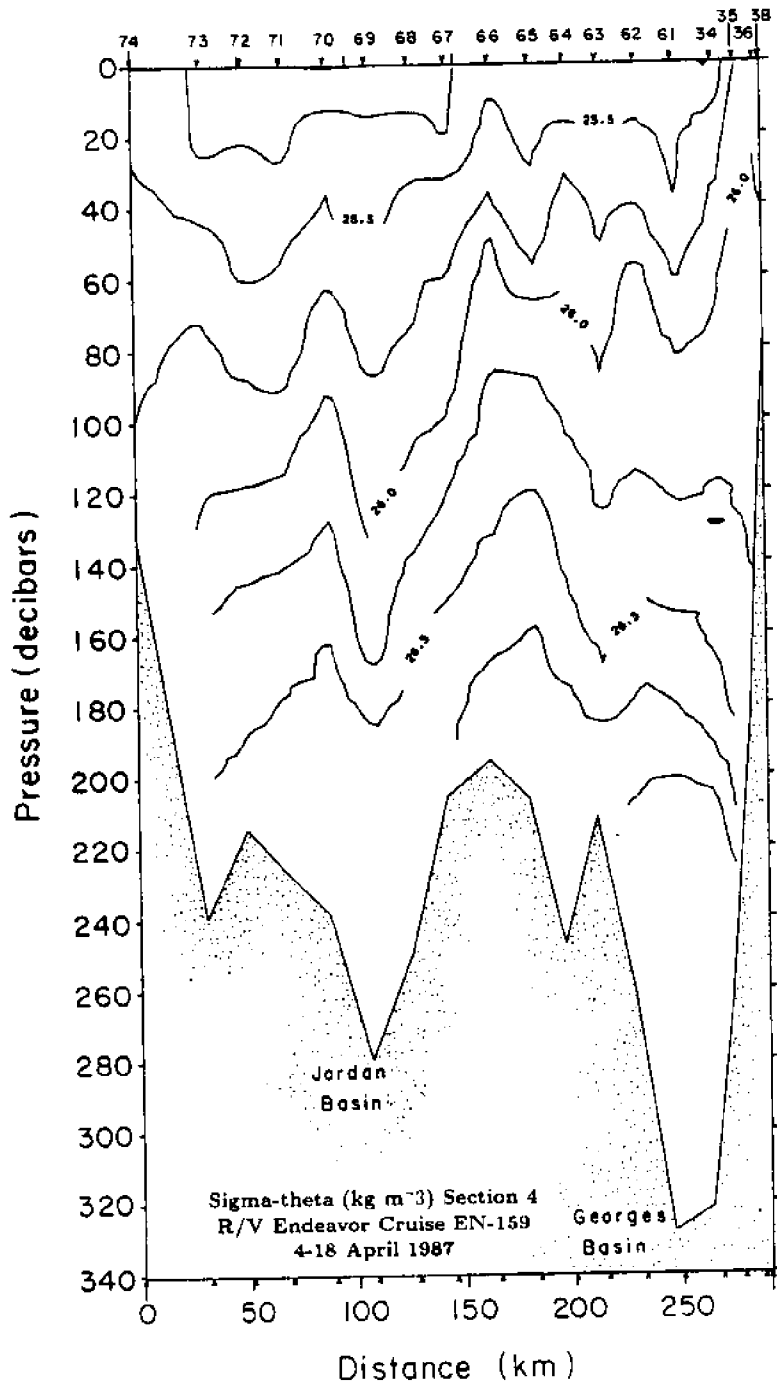


Figure 32. Vertical section contour plot of section 4 sigma-theta. Units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

SECTION 5A
 TEMPERATURE SALINITY SIGMA - THETA

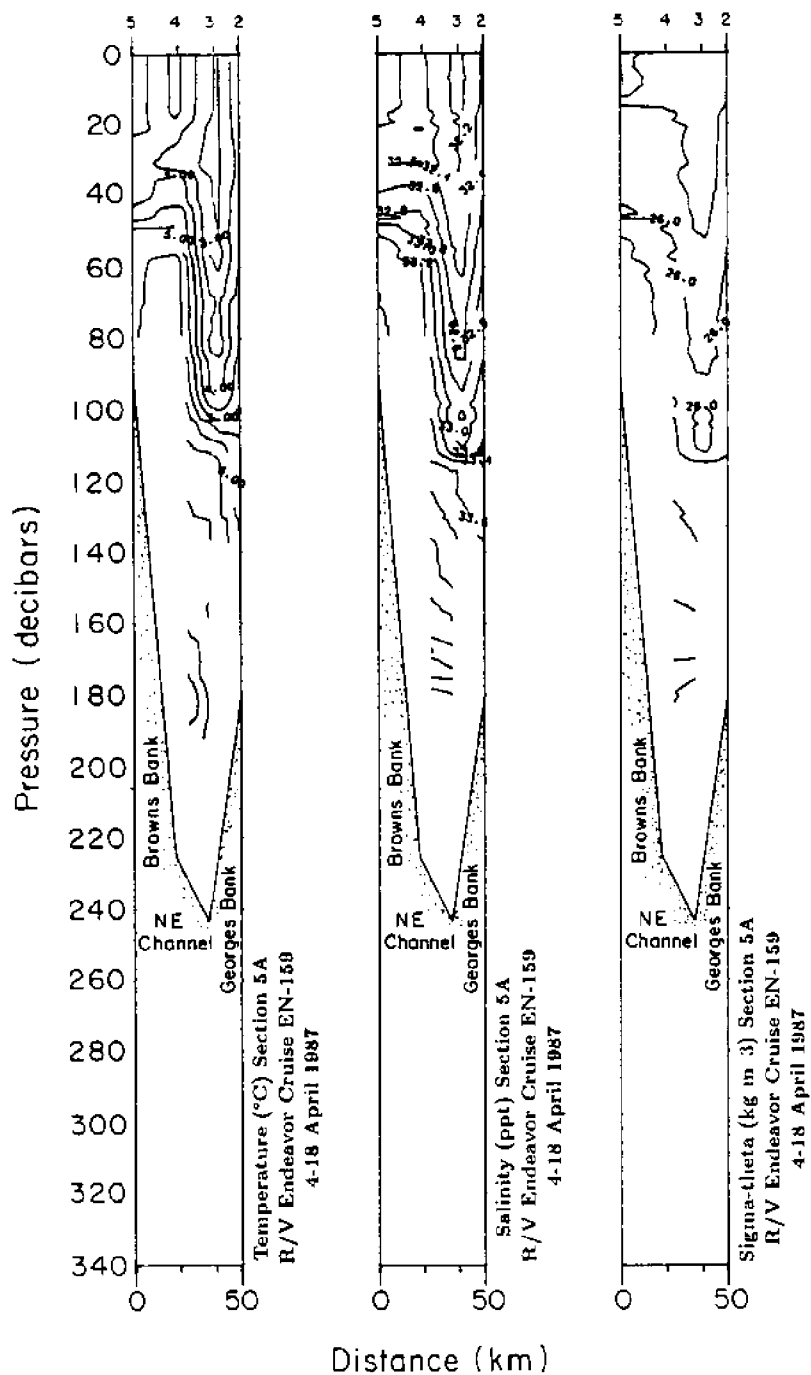


Figure 33. Vertical section contour plot of section 5A temperature, salinity, and sigma-theta. Temperature units are $^{\circ}\text{C}$ and contour interval is 0.5°C . Salinity units are ppt and contour interval is 0.2 ppt. Sigma-theta units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

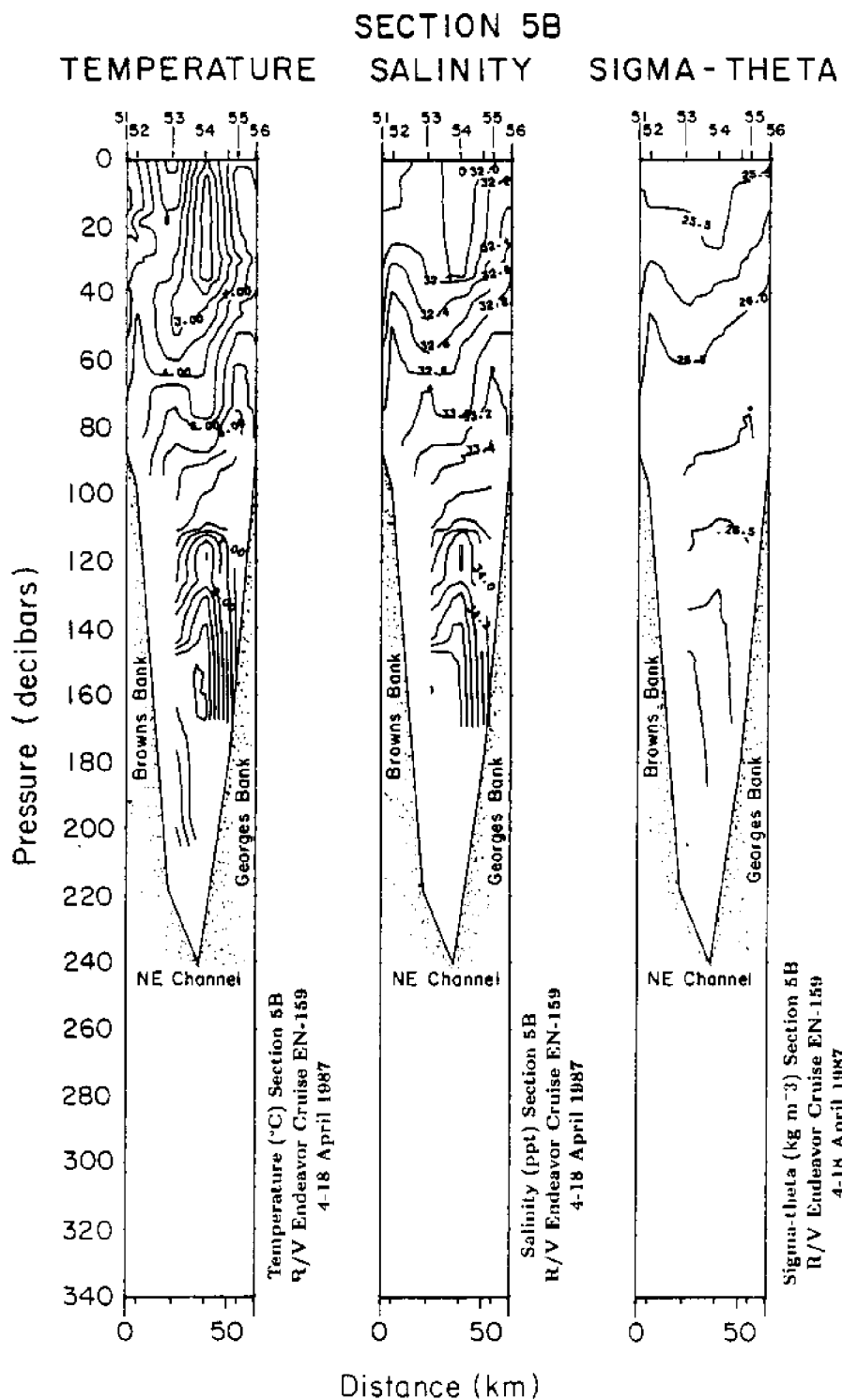


Figure 34. Vertical section contour plot of section 5B temperature, salinity, and sigma-theta. Temperature units are $^{\circ}\text{C}$ and contour interval is 0.5°C . Salinity units are *ppt* and contour interval is 0.2 ppt . Sigma-theta units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

SECTION 6 TEMPERATURE

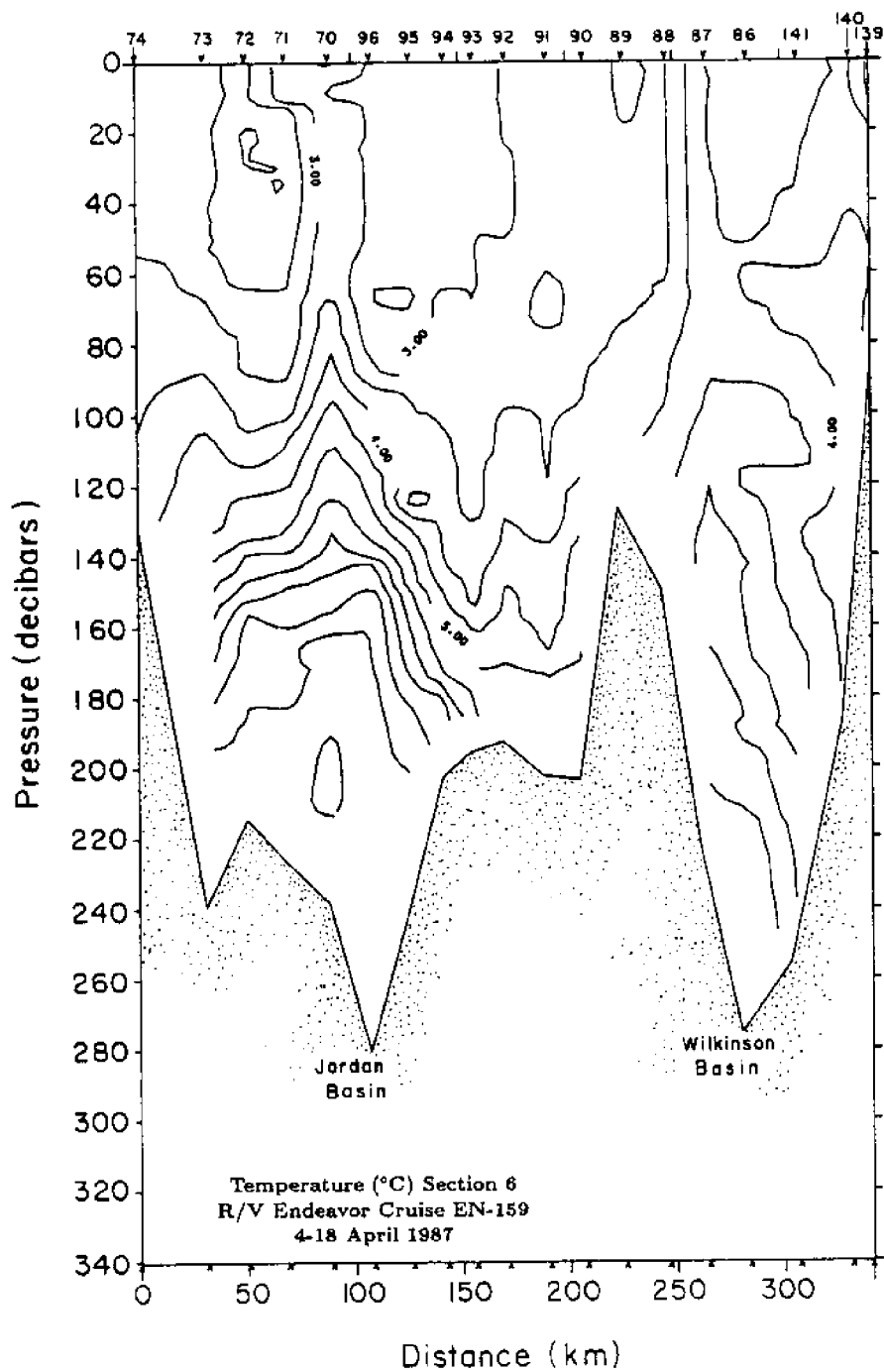


Figure 35. Vertical section contour plot of section 6 temperature. Units are $^{\circ}\text{C}$ and contour interval is 0.5°C .

SECTION 6 SALINITY

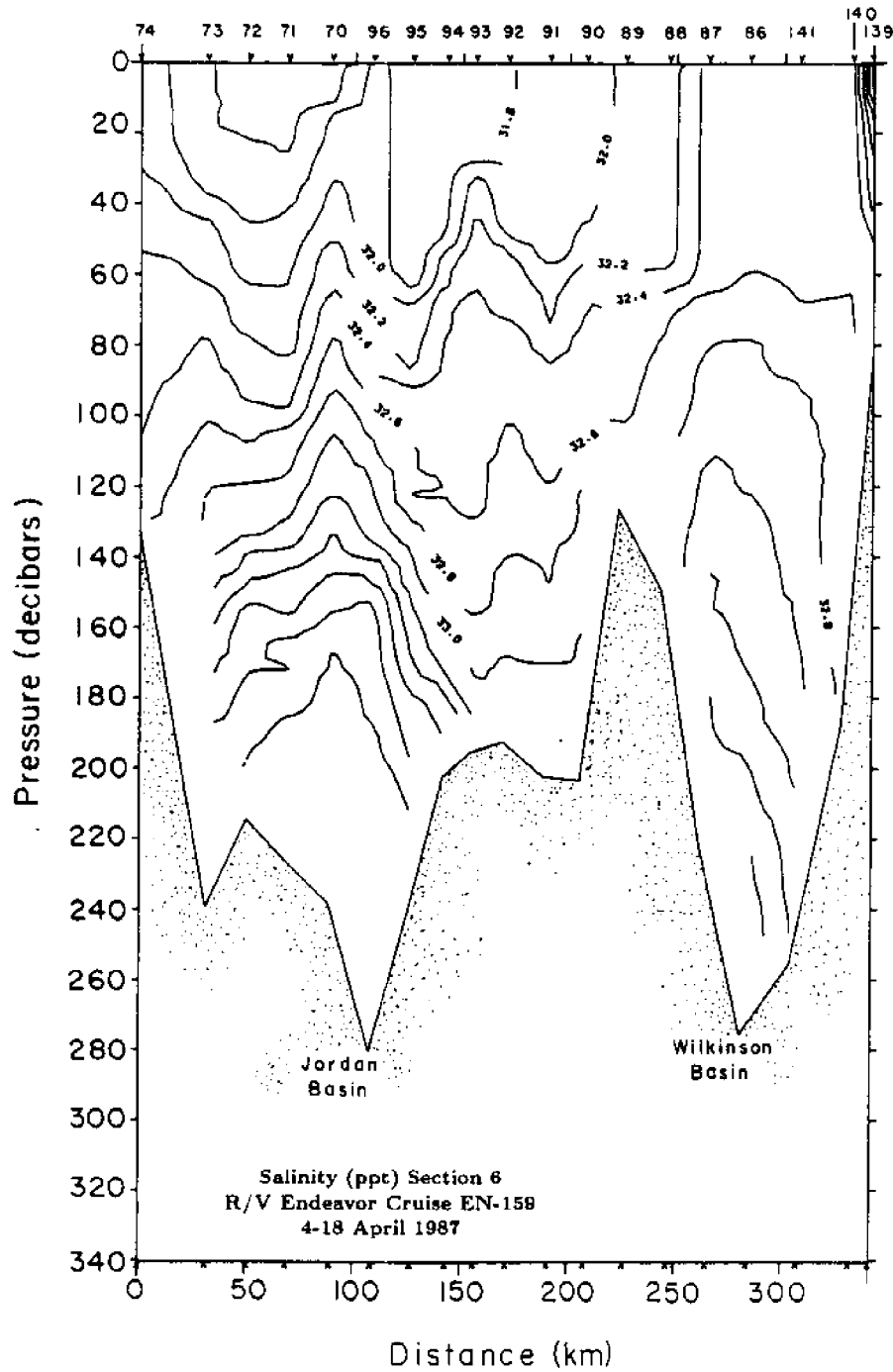


Figure 36. Vertical section contour plot of section 6 salinity. Units are *ppt* and contour interval is 0.2 *ppt*.

SECTION 6 SIGMA-THETA

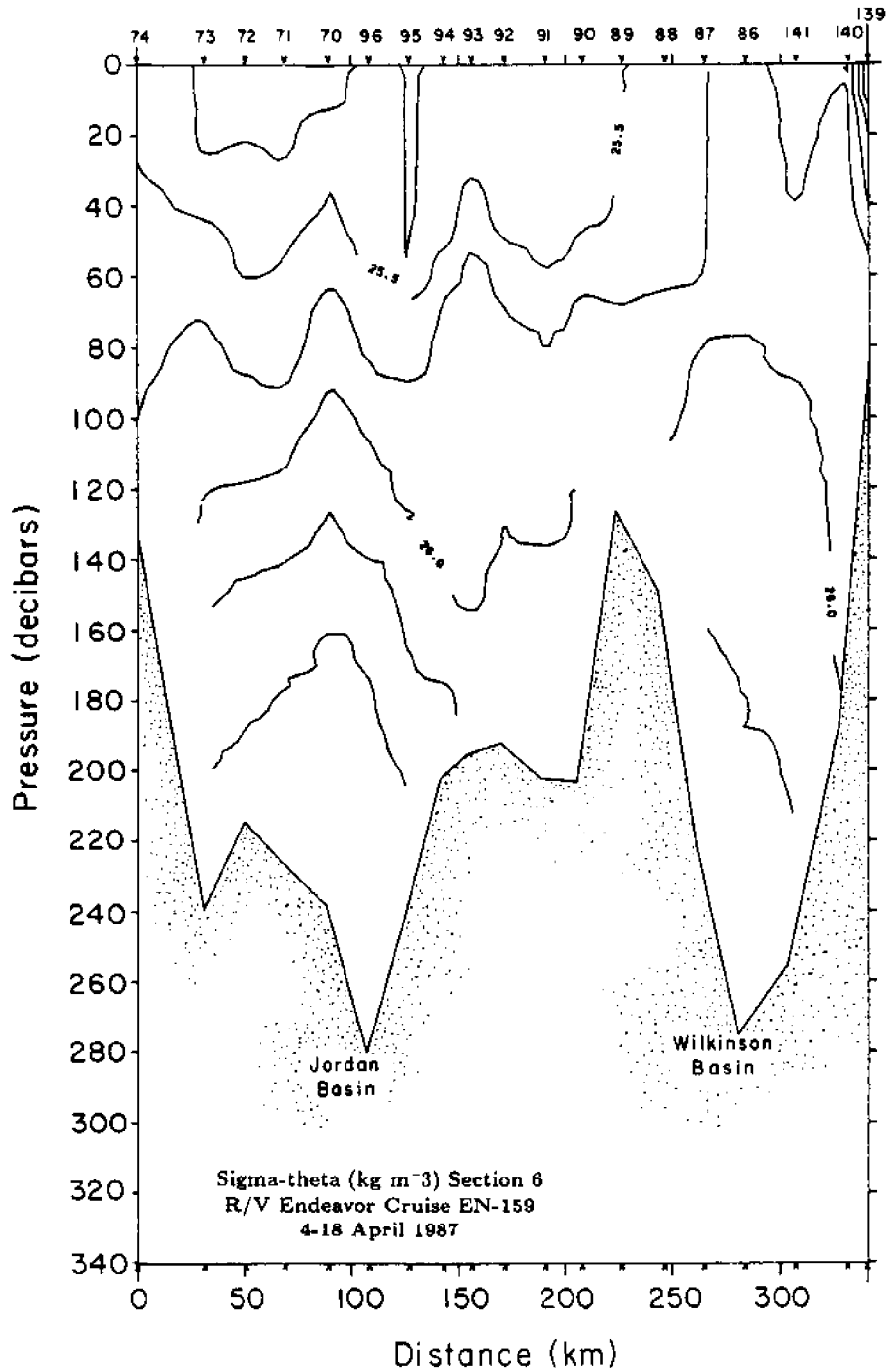


Figure 37. Vertical section contour plot of section 6 sigma-theta. Units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

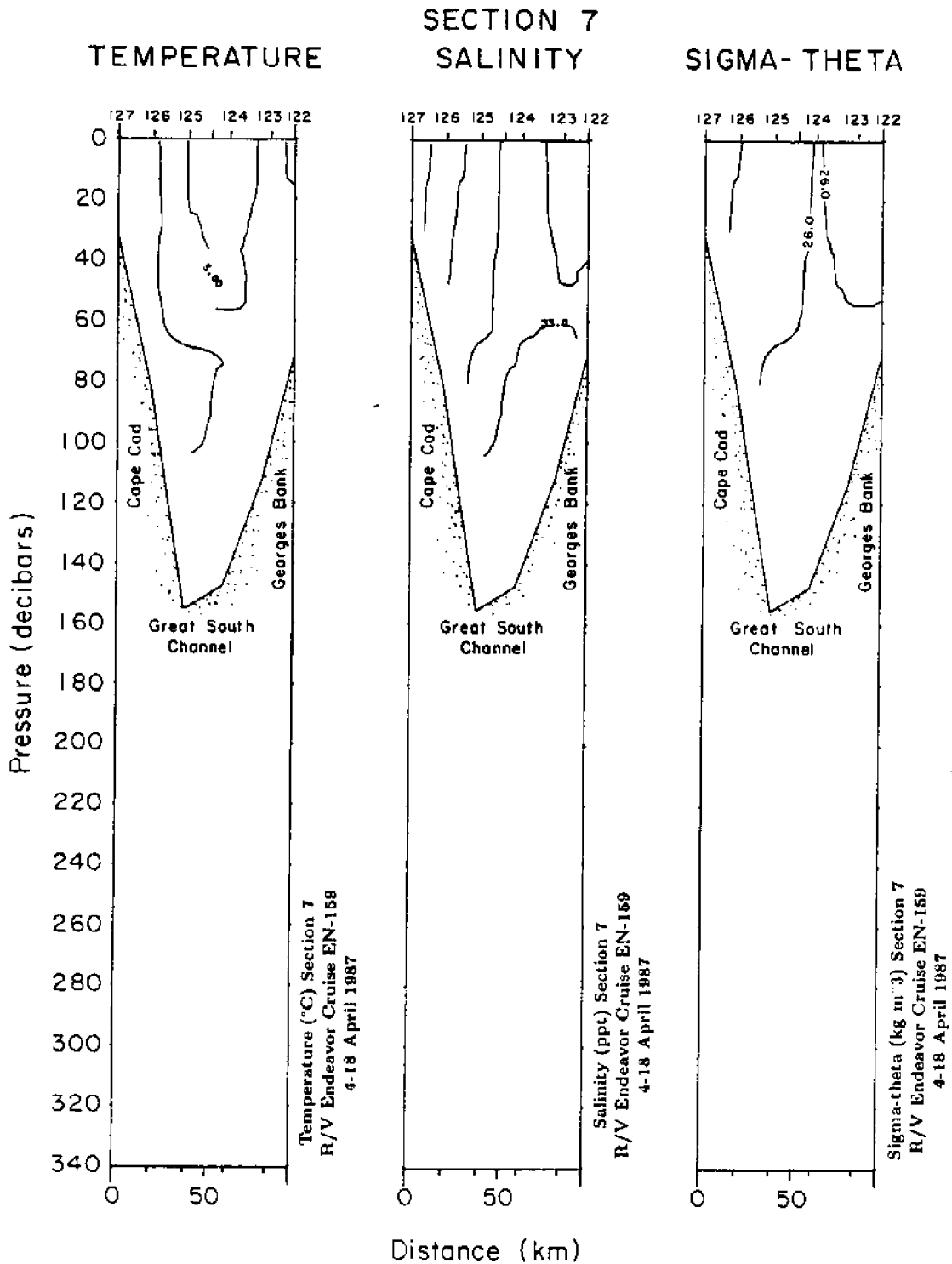


Figure 38. Vertical section contour plot of section 7 temperature, salinity, and sigma-theta. Temperature units are °C and contour interval is 0.5°C. Salinity units are ppt and contour interval is 0.2 ppt. Sigma-theta units are kg m⁻³ and contour interval is 0.25 kg m⁻³.

SECTION 11 TEMPERATURE

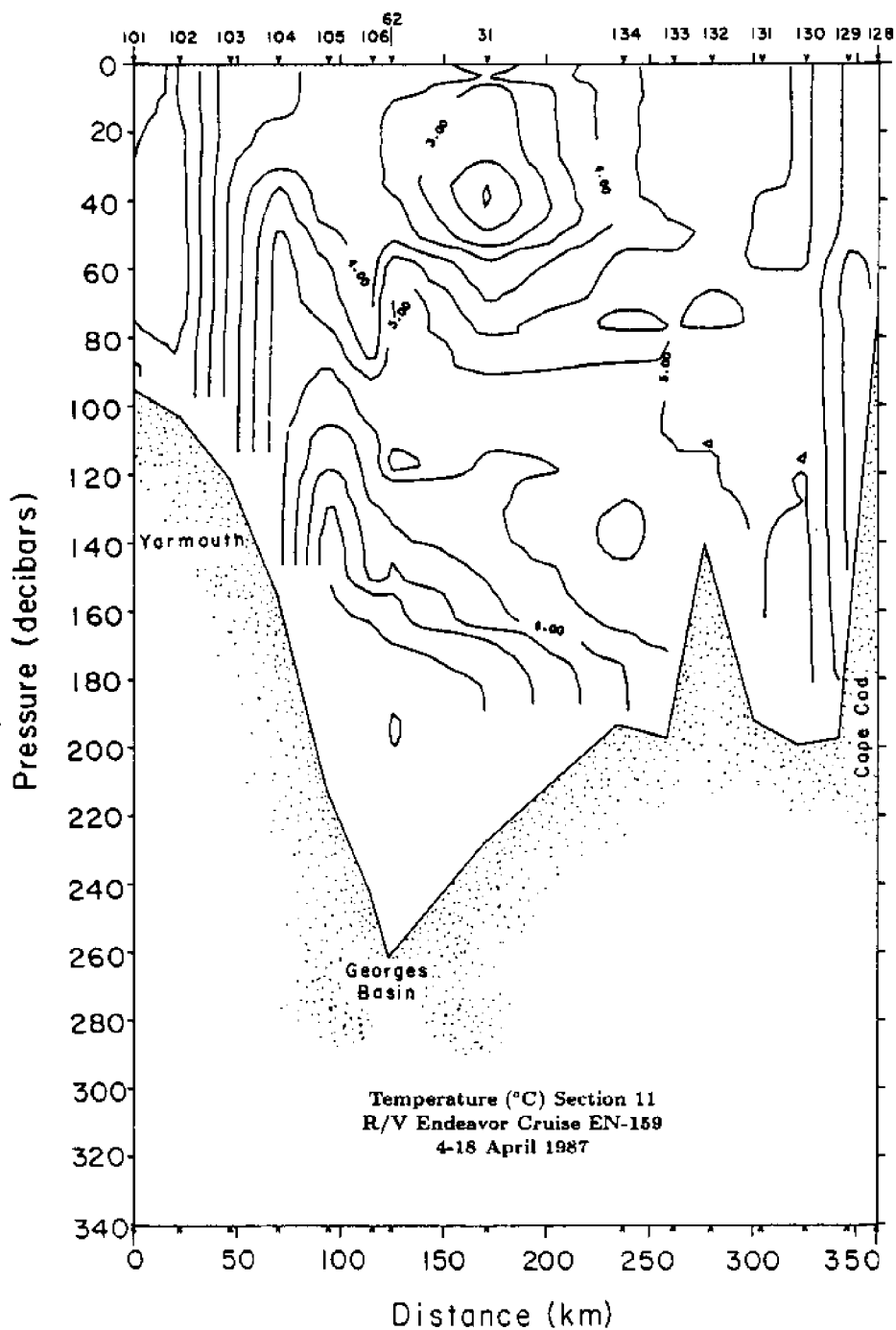


Figure 39. Vertical section contour plot of section 11 temperature. Units are $^{\circ}\text{C}$ and contour interval is 0.5°C .

SECTION II SALINITY

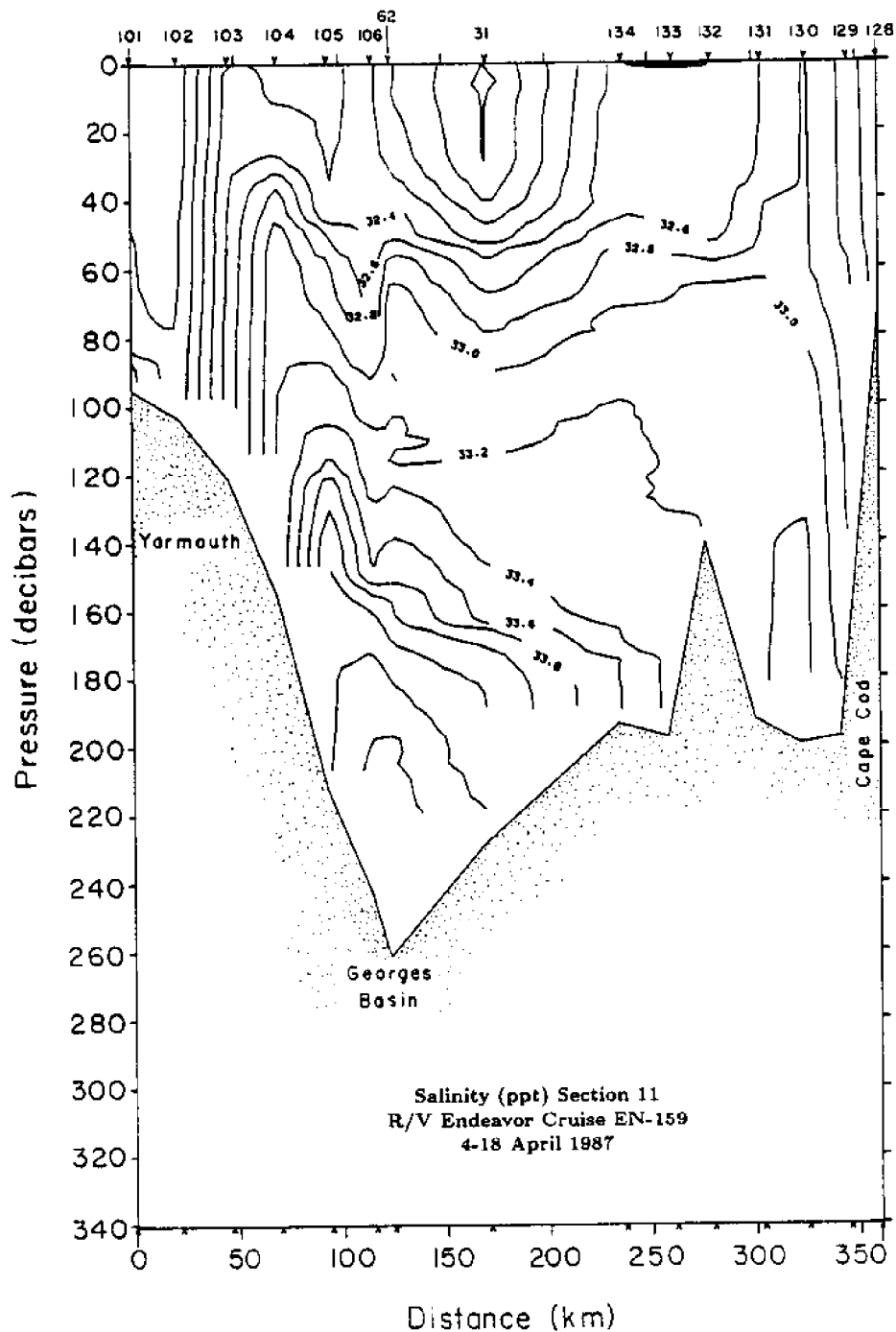


Figure 40. Vertical section contour plot of section 11 salinity. Units are ppt and contour interval is 0.2 ppt.

SECTION 11 SIGMA-THETA

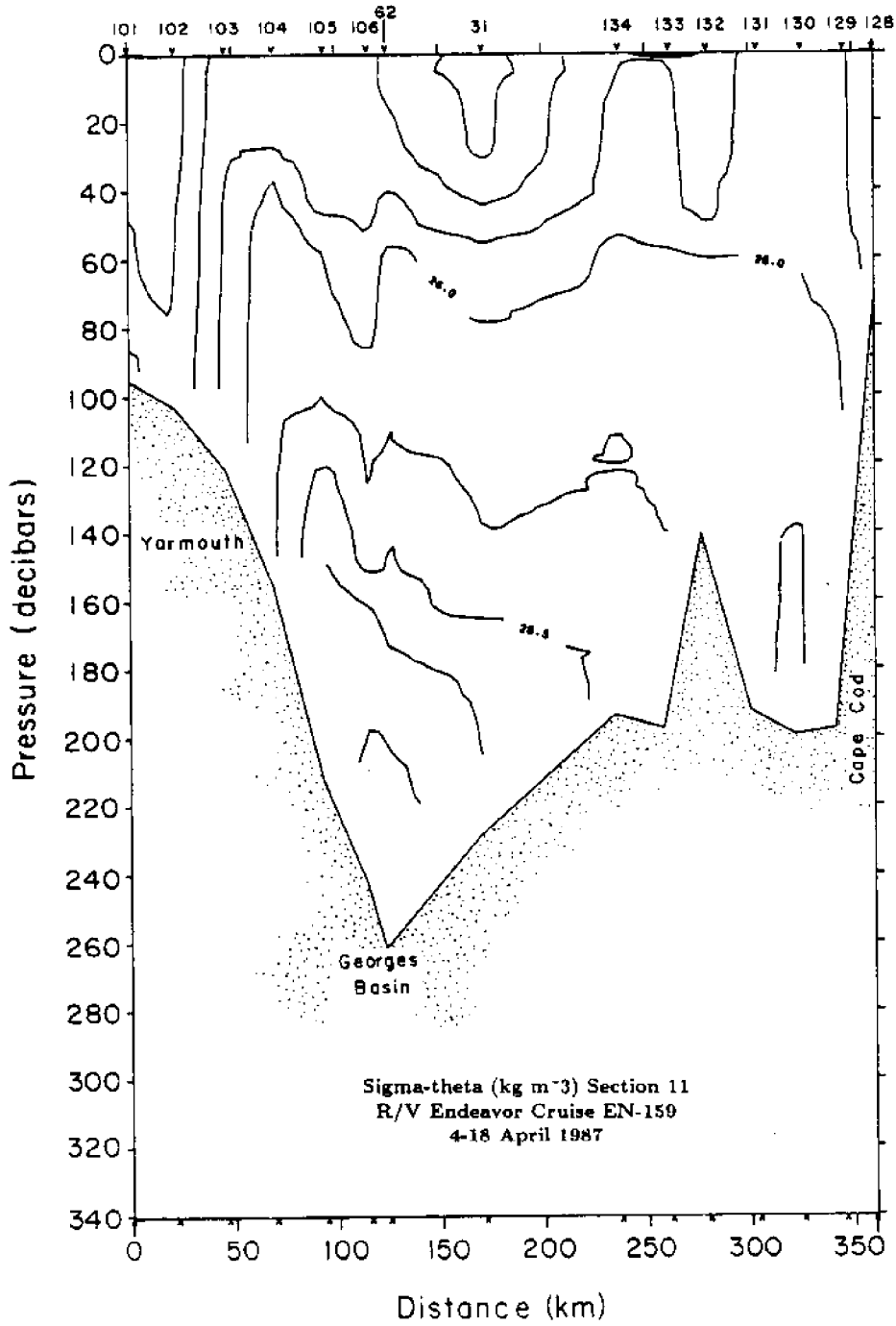
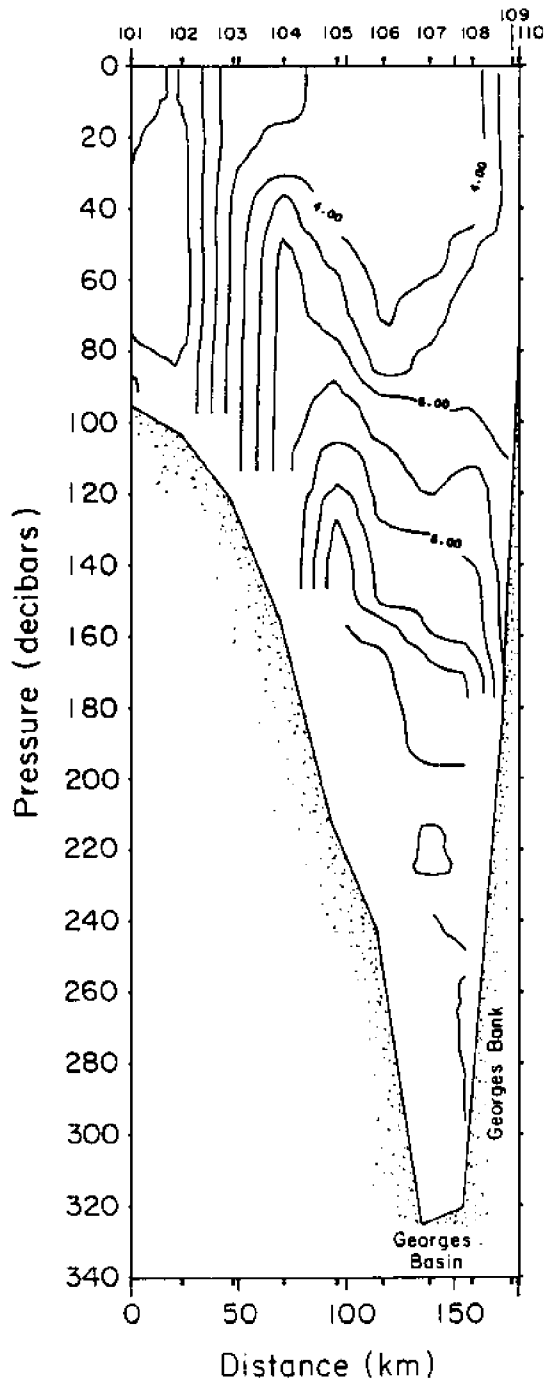


Figure 41. Vertical section contour plot of section 11 sigma-theta. Units are $kg\ m^{-3}$ and contour interval is $0.25\ kg\ m^{-3}$.

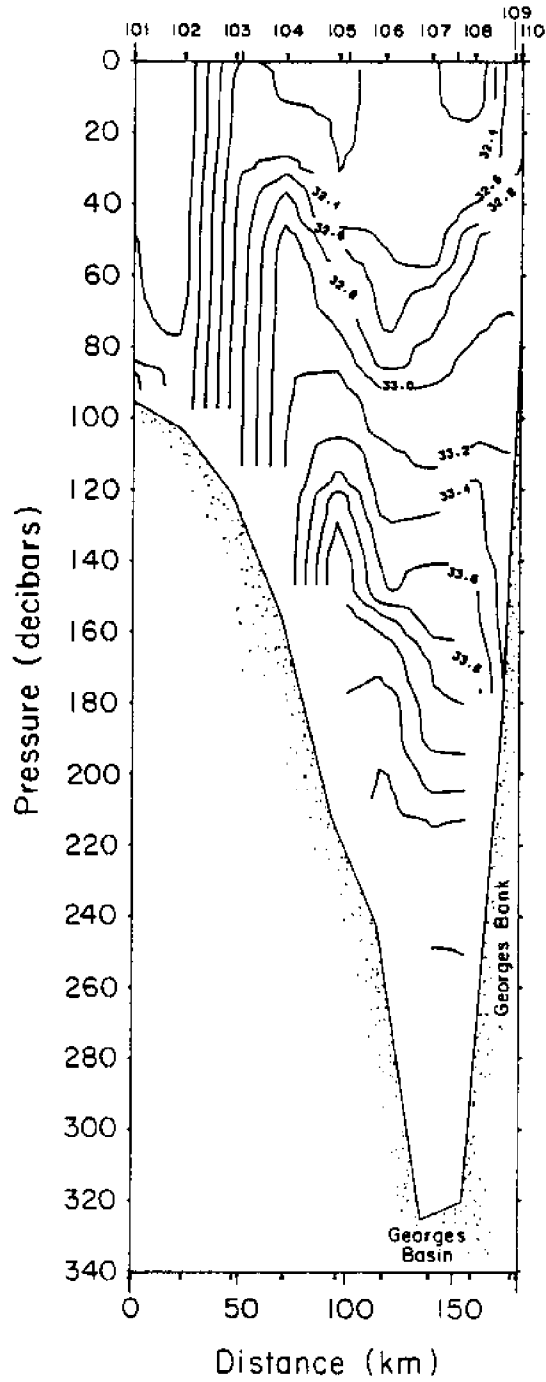
SECTION 12
TEMPERATURE



Temperature (°C) Section 12
R/V Endeavor Cruise EN-159
4-18 April 1987

Figure 42. Vertical section contour plot of section 12 temperature. Units are °C and contour interval is 0.5°C.

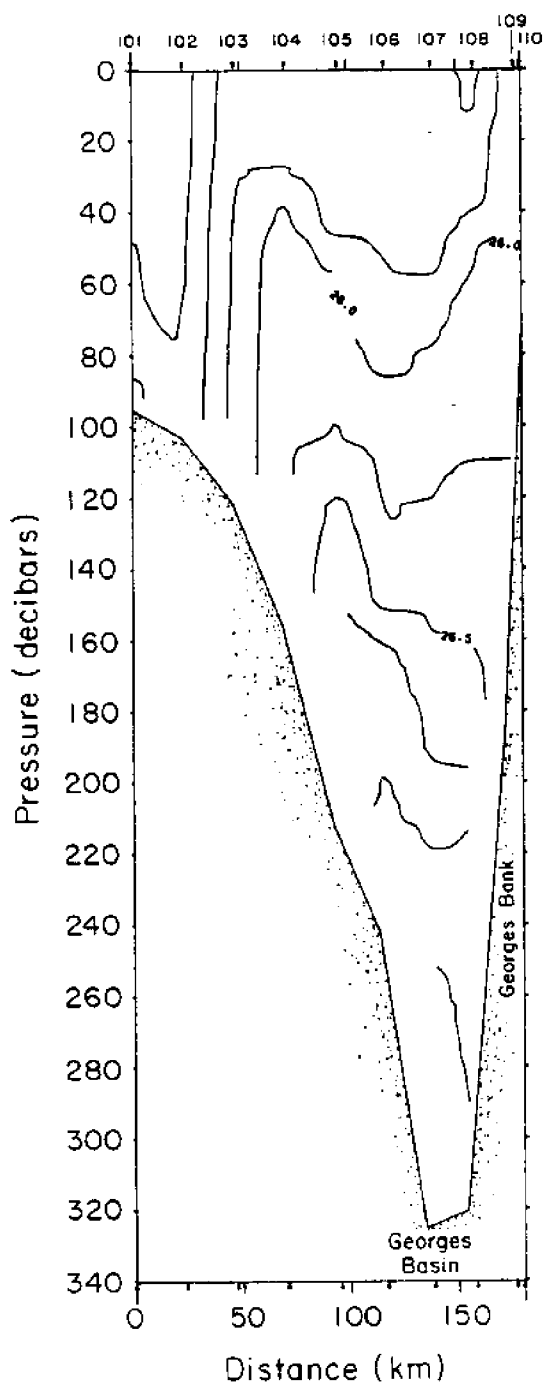
SECTION 12
SALINITY



Salinity (ppt) Section 12
R/V Endeavor Cruise EN-159
4-18 April 1987

Figure 43. Vertical section contour plot of section 12 salinity. Units are ppt and contour interval is 0.2 ppt.

SECTION 12
SIGMA-THETA



Sigma-theta (kg m^{-3}) Section 12
R/V Endeavor Cruise EN-159
4-18 April 1987

Figure 44. Vertical section contour plot of section 12 sigma-theta. Units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

SECTION 13 TEMPERATURE

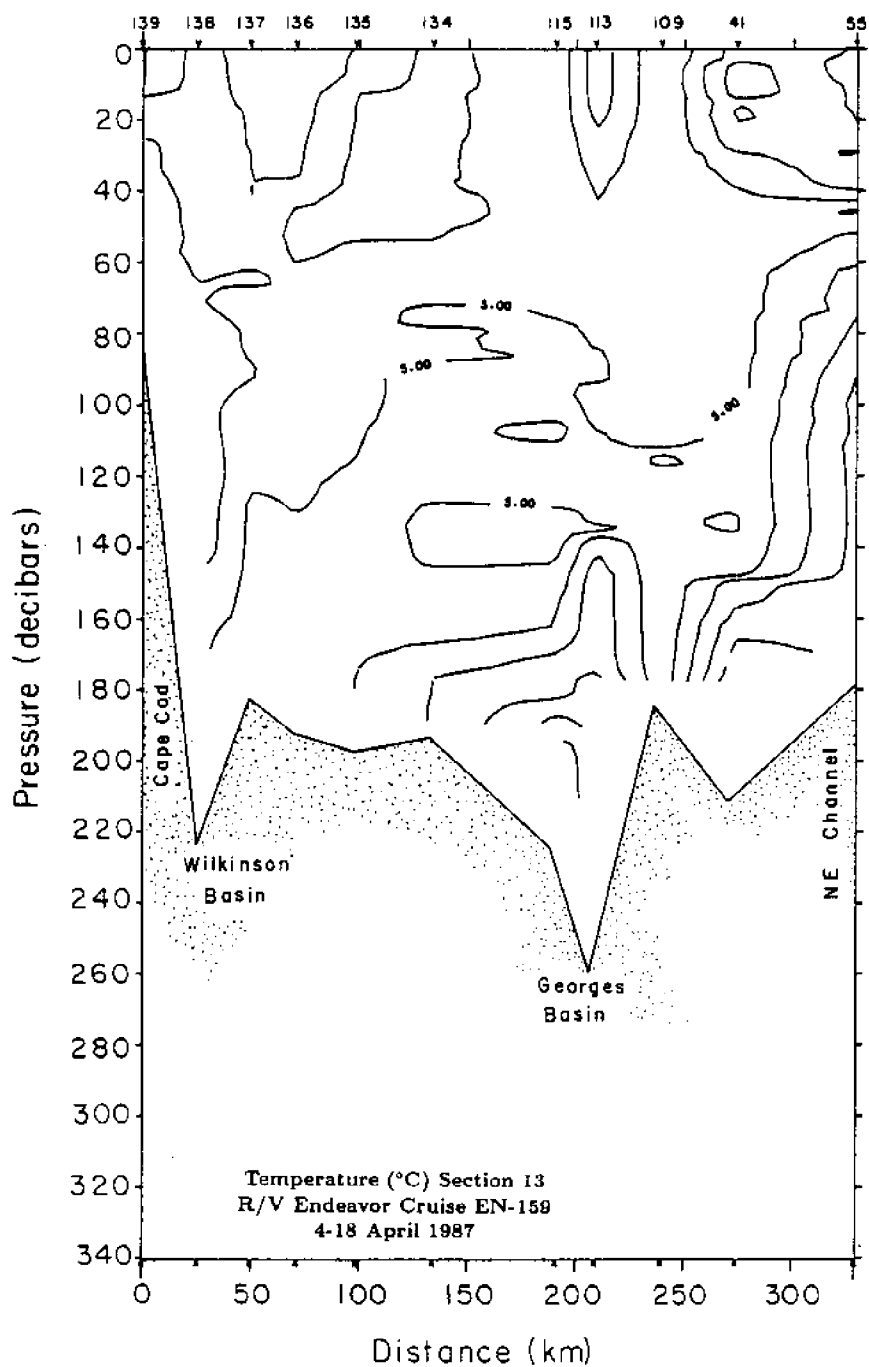


Figure 45. Vertical section contour plot of section 13 temperature. Units are $^{\circ}\text{C}$ and contour interval is 0.5°C .

SECTION 13 SALINITY

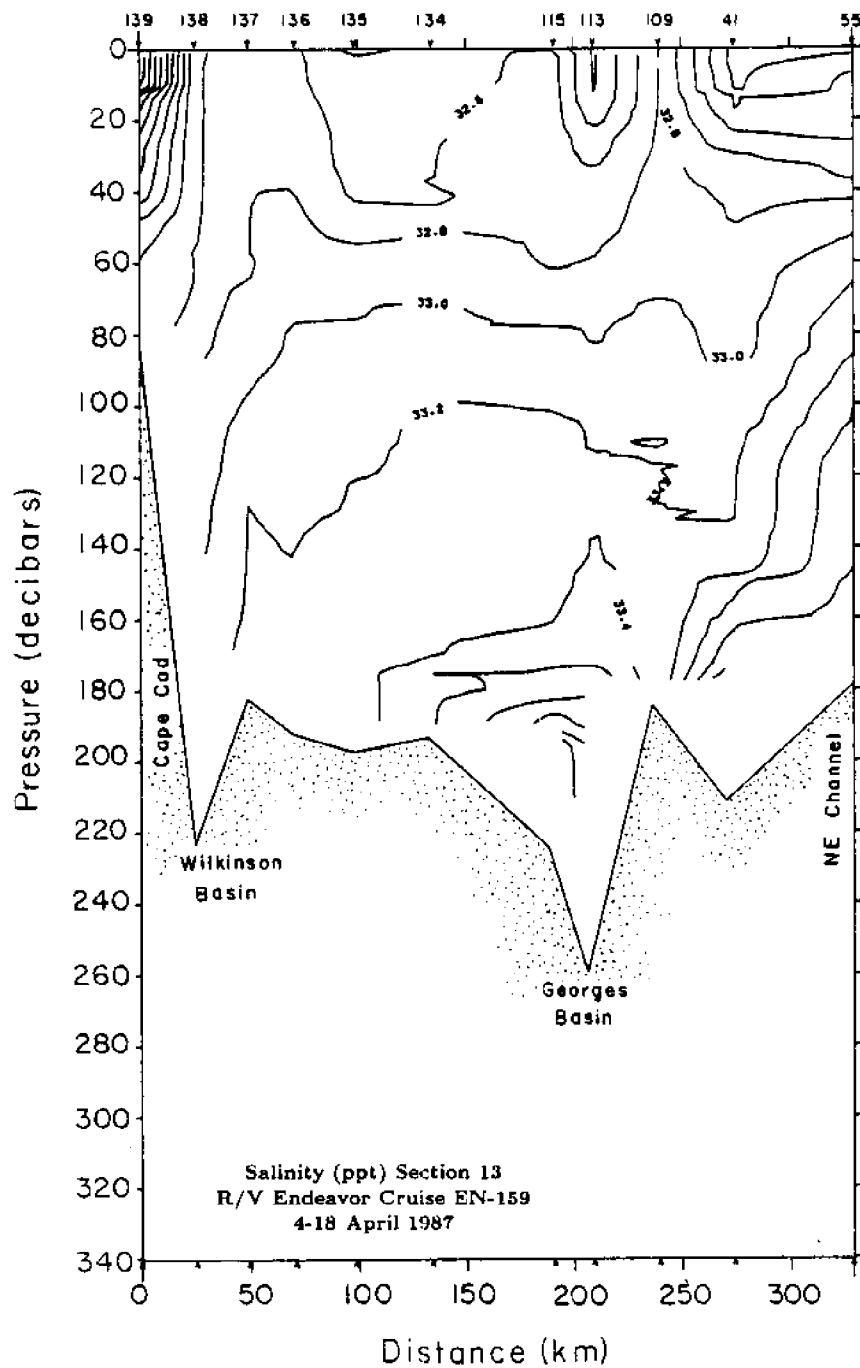


Figure 46. Vertical section contour plot of section 13 salinity. Units are *ppt* and contour interval is 0.2 *ppt*.

SECTION 13 SIGMA-THETA

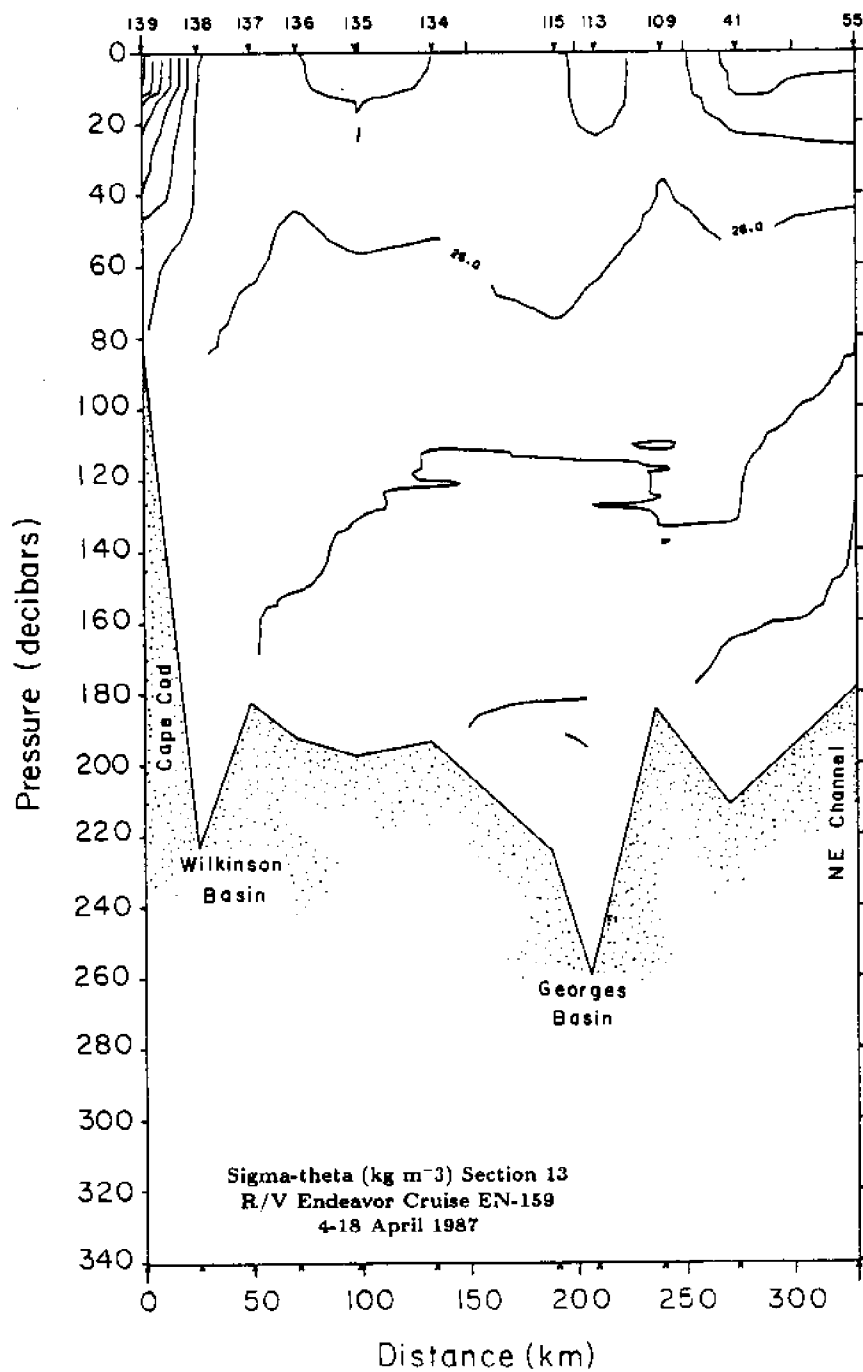


Figure 47. Vertical section contour plot of section 13 sigma-theta. Units are kg m^{-3} and contour interval is 0.25 kg m^{-3} .

SECTION 14
TEMPERATURE

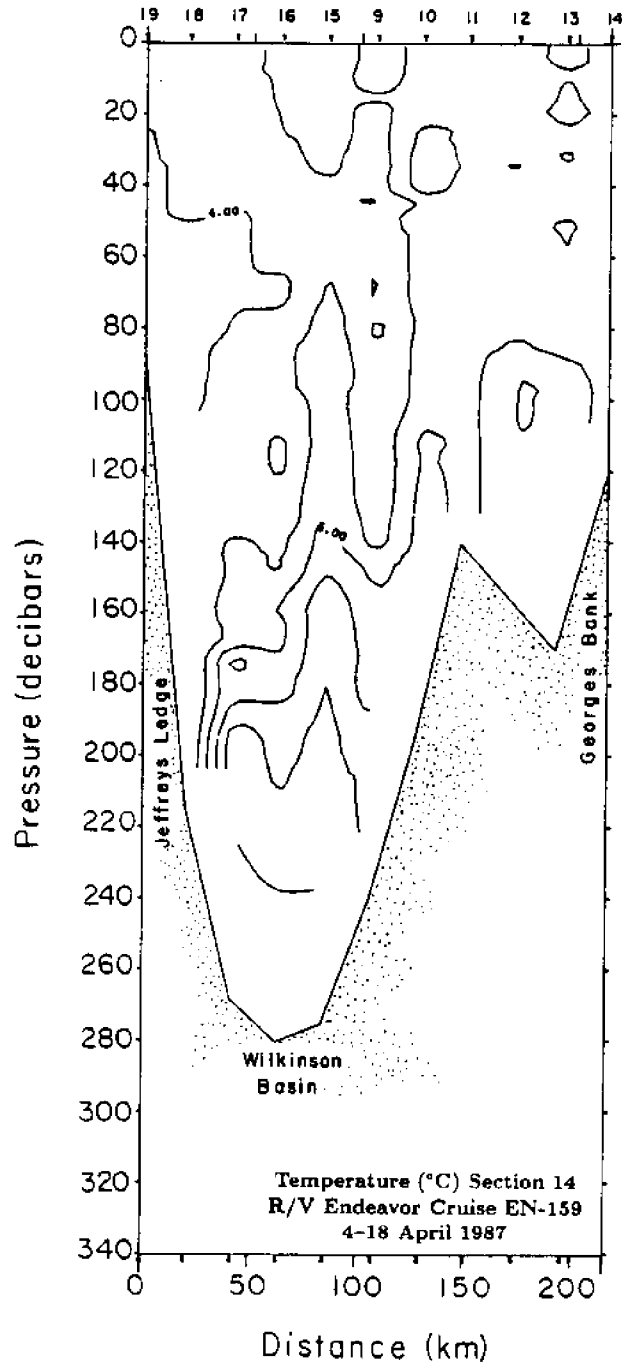


Figure 48. Vertical section contour plot of section 14 temperature. Units are $^{\circ}\text{C}$ and contour interval is 0.5°C .

SECTION 14
SALINITY

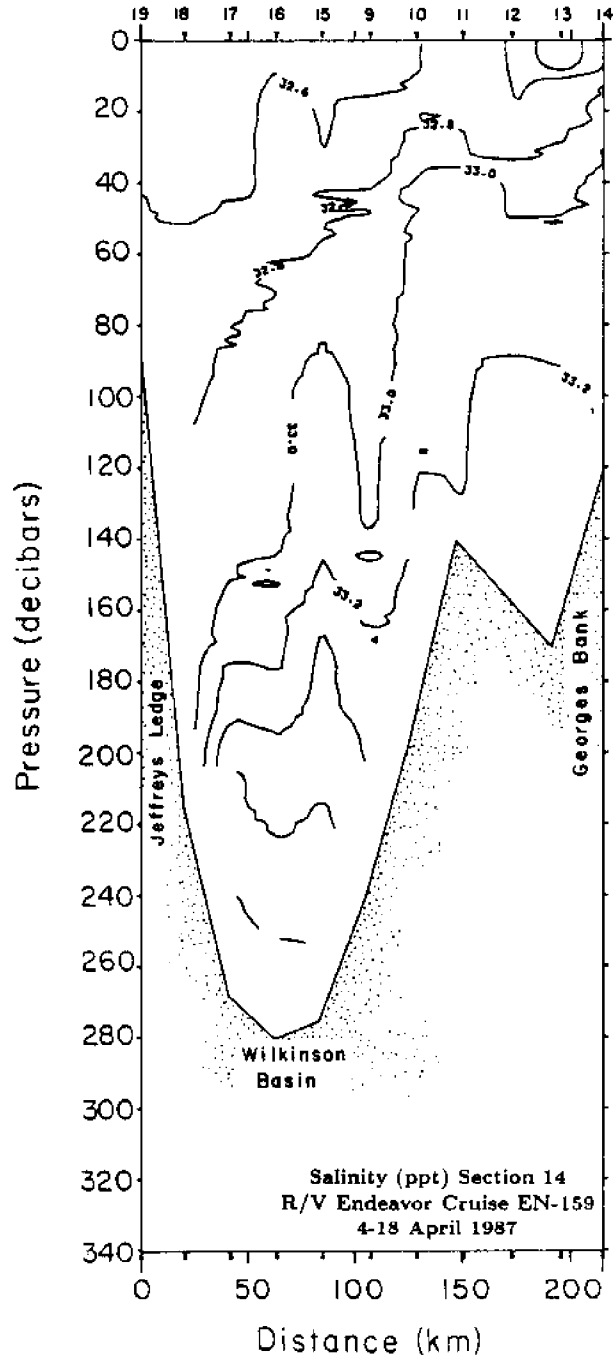


Figure 49. Vertical section contour plot of section 14 salinity. Units are *ppt* and contour interval is 0.2 *ppt*.

SECTION 14
SIGMA-THETA

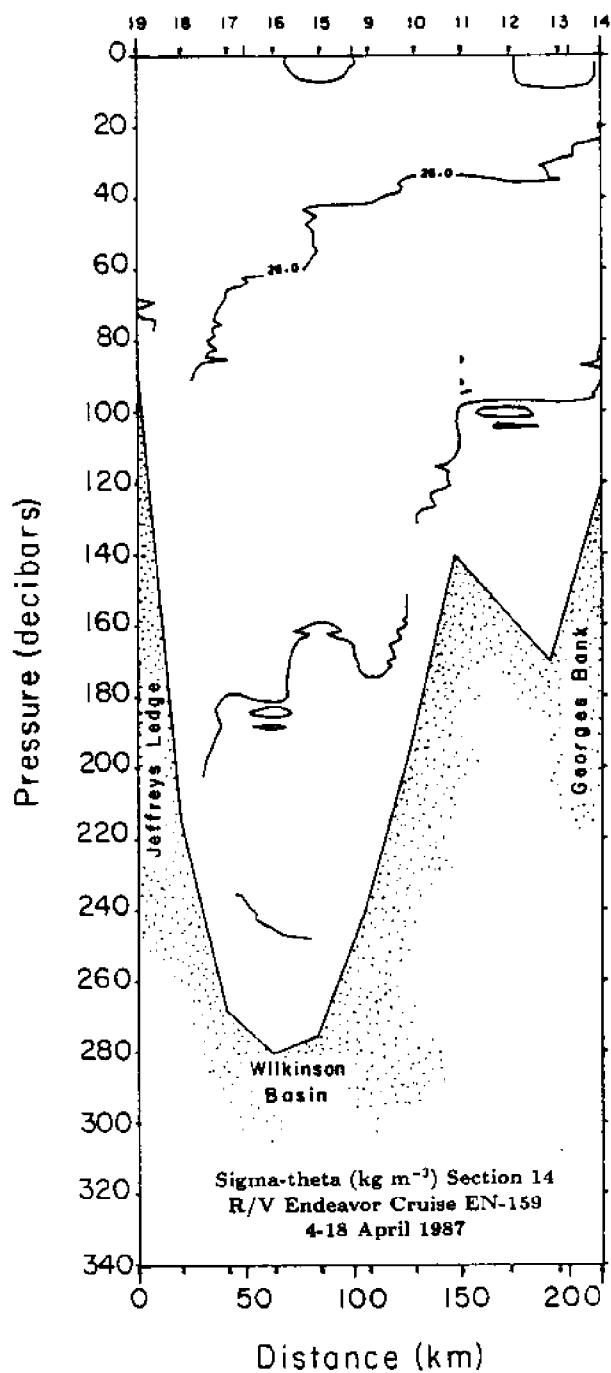
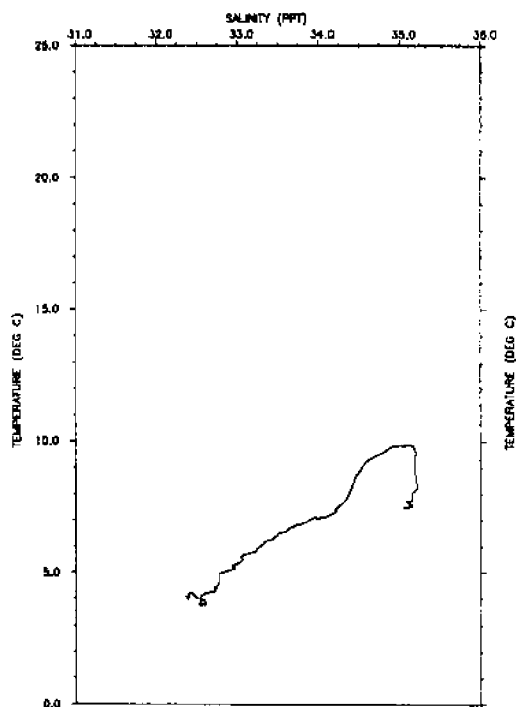
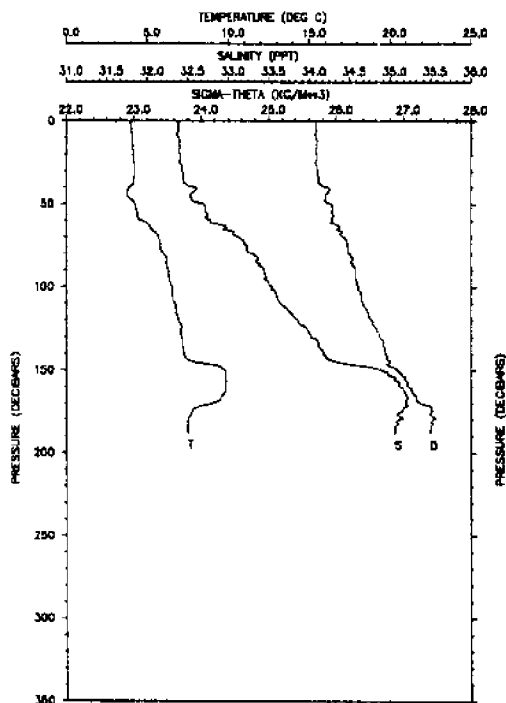
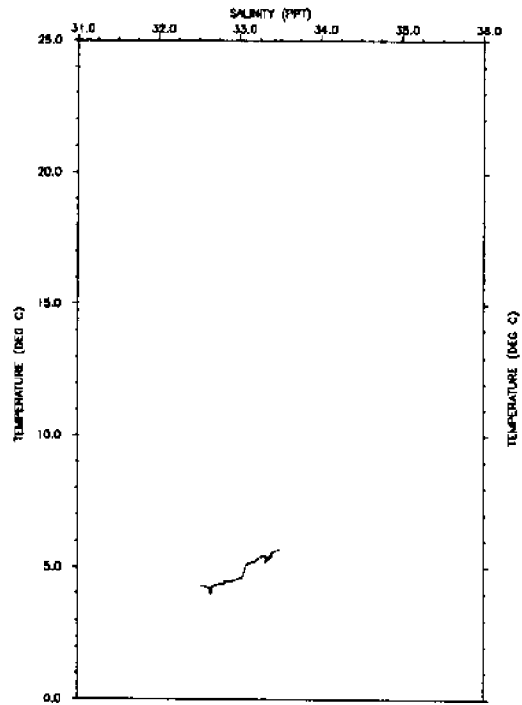
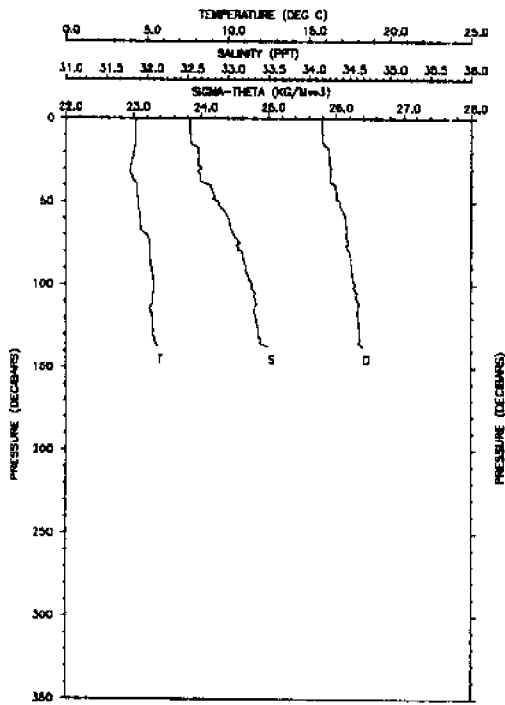


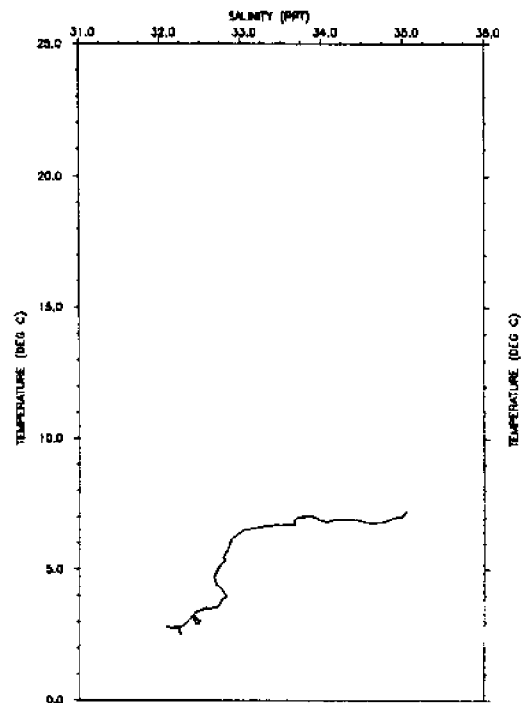
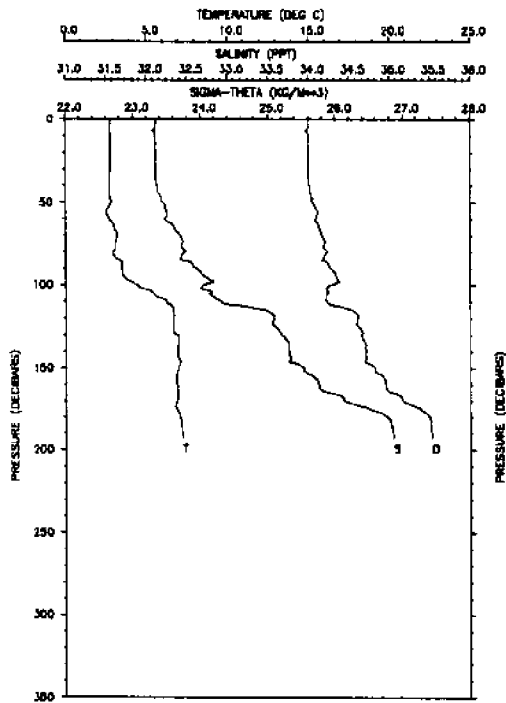
Figure 50. Vertical section contour plot of section 14 sigma-theta. Units are $kg\ m^{-3}$ and contour interval is $0.25\ kg\ m^{-3}$.



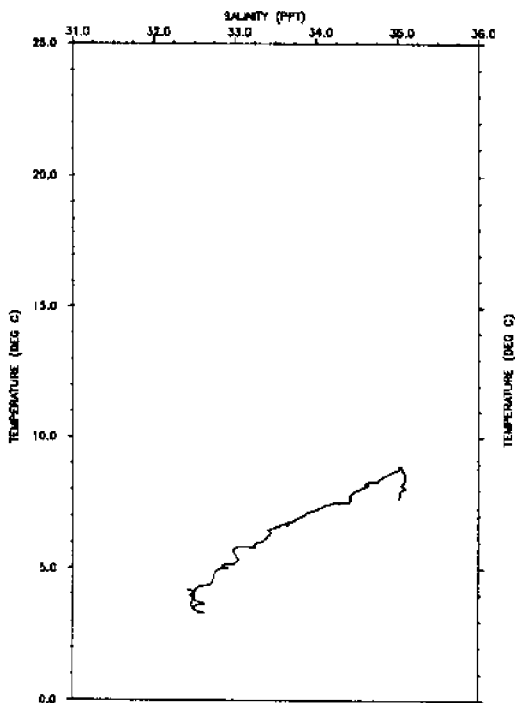
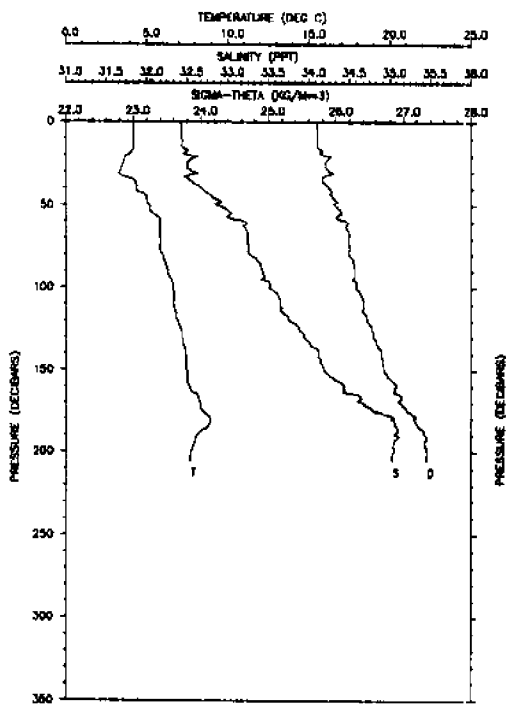
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/mt2	m/sec	cph	
0.0	3.99	32.38	3.99	25.70	227.9	0.000	1463	1.04	Cruise EN159
10.0	4.06	32.38	4.06	25.70	228.3	0.023	1464	5.23	Station 1
20.0	4.12	32.41	4.12	25.71	227.0	0.048	1464	-1.64	5 APR 1987
30.0	4.24	32.44	4.24	25.72	226.2	0.068	1465	3.75	2145 UTC
40.0	3.91	32.59	3.91	25.88	211.2	0.091	1464	8.47	42 21.2 N
50.0	4.27	32.70	4.27	25.93	206.9	0.112	1466	5.41	65 54.1 W
60.0	4.63	32.78	4.63	25.96	204.3	0.132	1467	-11.92	Depth 215 m
70.0	5.73	33.13	5.72	26.11	190.3	0.152	1472	10.4	
80.0	6.05	33.31	6.04	26.21	180.5	0.171	1474	3.6	
90.0	6.30	33.45	6.29	26.29	173.4	0.188	1475	-3.2	
100.0	6.55	33.55	6.54	26.34	168.9	0.206	1477	-8.4	
110.0	6.73	33.65	6.72	26.39	164.2	0.222	1478	9.0	
120.0	6.93	33.86	6.91	26.53	150.8	0.238	1479	1.6	
130.0	7.11	34.02	7.10	26.63	142.0	0.253	1480	11.3	
140.0	7.27	34.17	7.26	26.73	132.7	0.266	1481	6.2	
150.0	9.79	34.89	9.77	26.91	116.9	0.279	1491	11.0	
160.0	9.85	35.13	9.83	27.09	100.4	0.290	1492	9.2	
170.0	9.00	35.20	8.98	27.28	82.3	0.299	1489	13.7	
180.0	7.52	35.11	7.50	27.43	67.2	0.306	1484	-8.2	
188.0	7.50	35.06	7.48	27.40	70.7	0.311	1484		



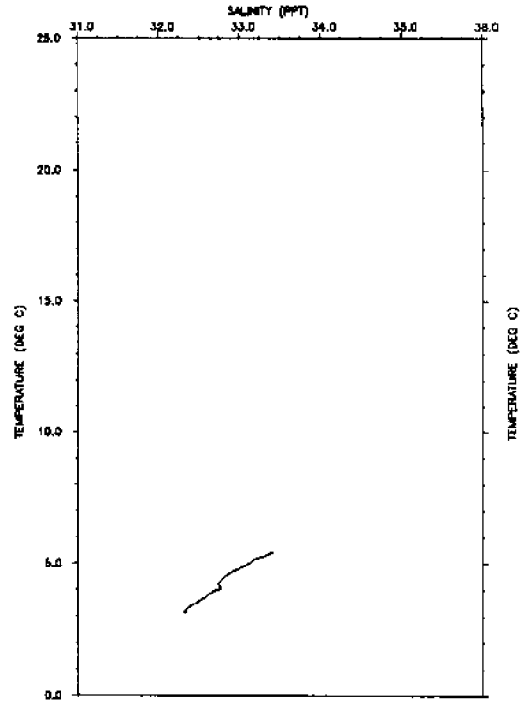
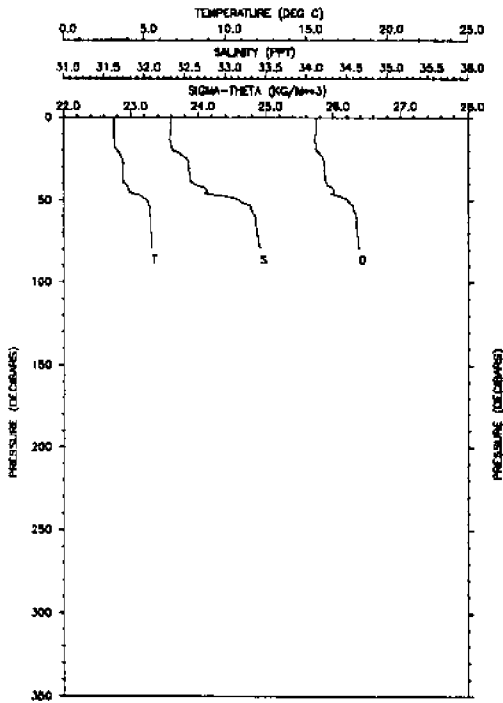
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	4.30	32.52	4.30	25.79	219.9	0.000	1465	2.17	Cruise EN159
10.0	4.30	32.54	4.30	25.80	218.8	0.022	1465	-0.85	Station 2
20.0	4.21	32.64	4.21	25.89	210.1	0.043	1465	-2.07	6 APR 1987
30.0	4.01	32.67	4.00	25.93	206.2	0.064	1464	-8.38	0022 UTC
40.0	4.37	32.78	4.36	25.98	201.9	0.085	1466	6.26	42 6.9 N
50.0	4.48	32.89	4.48	26.06	194.2	0.105	1467	-4.16	66 4.0 W
60.0	4.61	33.01	4.60	26.14	186.5	0.124	1468	1.11	Depth 180 m
70.0	4.99	33.08	4.99	26.15	186.0	0.143	1469	1.4	
80.0	5.21	33.17	5.20	26.20	181.3	0.161	1471	4.0	
90.0	5.31	33.23	5.30	26.24	178.3	0.179	1471	-3.5	
100.0	5.43	33.30	5.43	26.28	174.6	0.197	1472	-4.5	
110.0	5.37	33.34	5.36	26.32	170.5	0.214	1472	3.1	
120.0	5.37	33.35	5.36	26.32	170.3	0.231	1472	3.8	
130.0	5.39	33.39	5.38	26.35	167.8	0.248	1472	-5.1	
138.0	5.70	33.50	5.69	26.40	163.1	0.261	1474		



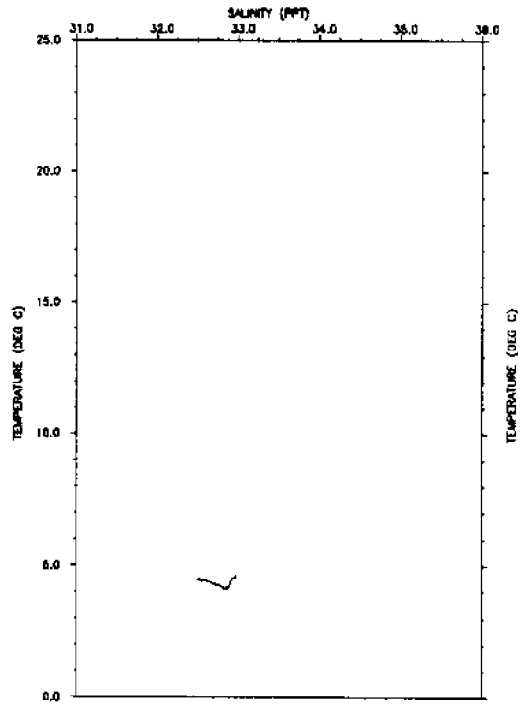
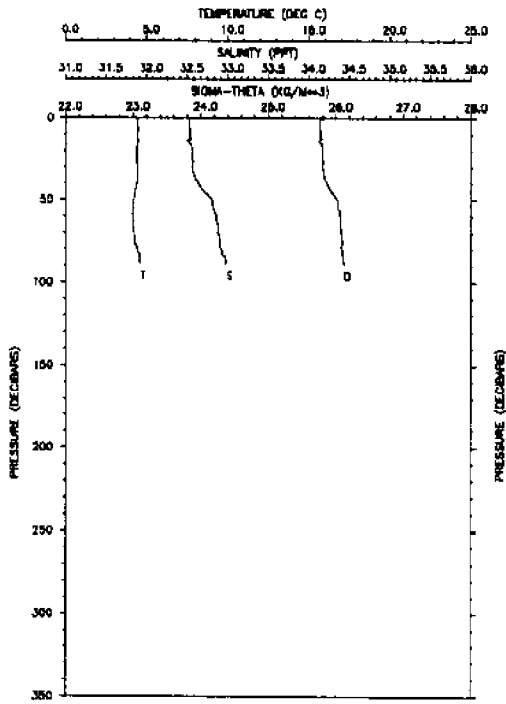
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	2.80	32.12	2.80	25.61	237.2	0.000	1458	-2.11	Cruise EN159
10.0	2.80	32.11	2.80	25.60	237.9	0.024	1458	1.03	Station 3
20.0	2.79	32.12	2.79	25.60	237.6	0.048	1458	-1.00	6 APR 1987
30.0	2.79	32.12	2.79	25.60	237.6	0.071	1458	1.49	0130 UTC
40.0	2.76	32.14	2.76	25.62	235.5	0.095	1458	4.31	42 13.8 N
50.0	2.81	32.21	2.81	25.67	230.9	0.118	1459	6.14	65 59.1 W
60.0	2.70	32.23	2.70	25.70	228.2	0.141	1458	4.57	Depth 243 m
70.0	3.23	32.41	3.23	25.80	219.0	0.163	1461	6.5	
80.0	2.95	32.49	2.94	25.88	211.0	0.185	1460	-10.2	
90.0	3.52	32.63	3.51	25.95	204.9	0.206	1463	5.6	
100.0	4.44	32.71	4.43	25.92	208.3	0.228	1467	-9.7	
110.0	6.28	32.93	6.27	25.88	212.2	0.247	1475	7.6	
120.0	6.72	33.57	6.71	26.34	169.6	0.266	1478	-2.4	
130.0	6.92	33.67	6.91	26.38	165.4	0.283	1479	8.2	
140.0	6.97	33.77	6.96	26.45	158.8	0.299	1479	-3.7	
150.0	6.95	33.95	6.94	26.60	145.2	0.314	1480	-4.3	
160.0	6.89	34.13	6.88	26.75	136.7	0.328	1480	2.1	
170.0	6.89	34.45	6.88	27.00	107.6	0.340	1480	11.6	
180.0	7.03	34.98	7.01	27.40	69.6	0.349	1482	3.5	
190.0	7.21	35.05	7.19	27.43	67.3	0.356	1483	-0.5	
192.0	7.22	35.05	7.20	27.43	67.1	0.357	1483		



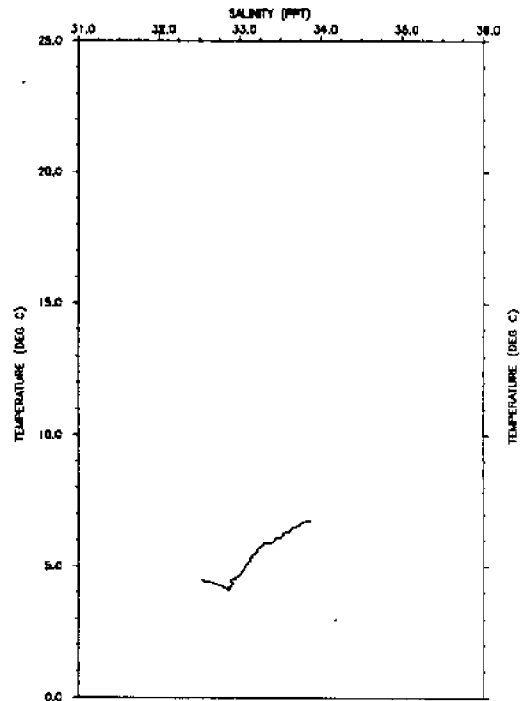
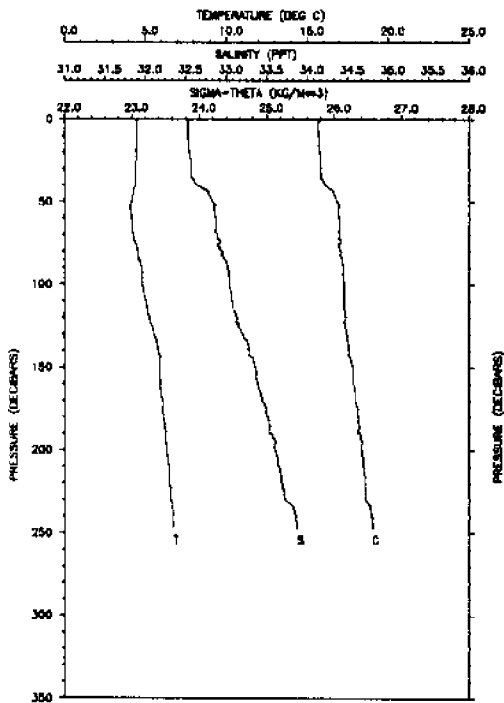
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.20	32.41	4.20	25.71	227.4	0.000	1464	3.97	Cruise EN159
10.0	4.20	32.44	4.20	25.73	225.5	0.023	1464	1.18	Station 4
20.0	3.80	32.51	3.80	25.82	216.5	0.045	1463	18.51	6 APR 1987
30.0	3.31	32.57	3.31	25.92	207.4	0.068	1461	11.22	0245 UTC
40.0	4.38	32.68	4.38	25.90	209.2	0.088	1466	7.48	42 21.0 N
50.0	5.14	32.87	5.14	25.97	203.0	0.108	1469	11.90	65 54.2 W
60.0	5.82	33.22	5.82	26.17	184.6	0.128	1473	5.07	Depth 225 m
70.0	5.81	33.24	5.80	26.19	182.8	0.146	1473	-0.7	
80.0	5.97	33.28	5.96	26.20	182.0	0.164	1474	6.4	
90.0	6.27	33.42	6.26	26.27	174.9	0.182	1475	5.0	
100.0	6.60	33.50	6.59	26.29	173.4	0.199	1477	10.4	
110.0	6.64	33.65	6.63	26.40	162.9	0.216	1477	-3.6	
120.0	6.87	33.75	6.86	26.45	158.3	0.232	1479	9.8	
130.0	7.18	33.93	7.17	26.55	149.7	0.247	1480	6.9	
140.0	7.41	34.13	7.40	26.67	138.1	0.262	1481	-2.1	
150.0	7.47	34.18	7.45	26.71	134.7	0.275	1482	5.5	
160.0	7.81	34.44	7.59	26.89	117.8	0.288	1483	-6.6	
170.0	8.30	34.68	8.29	26.98	110.2	0.299	1486	5.1	
180.0	8.90	35.01	8.88	27.15	94.5	0.310	1489	9.6	
190.0	8.10	35.08	8.08	27.33	77.4	0.318	1486	8.7	
200.0	7.72	35.04	7.70	27.35	75.2	0.326	1485	-4.0	
205.0	7.69	35.03	7.67	27.34	76.0	0.330	1485		



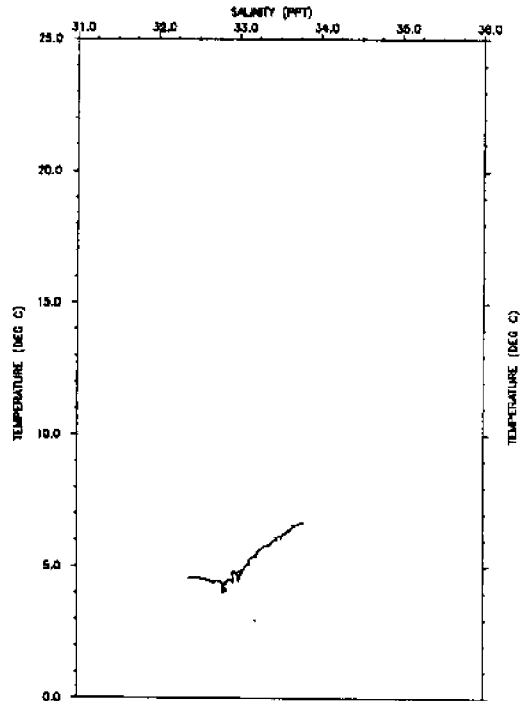
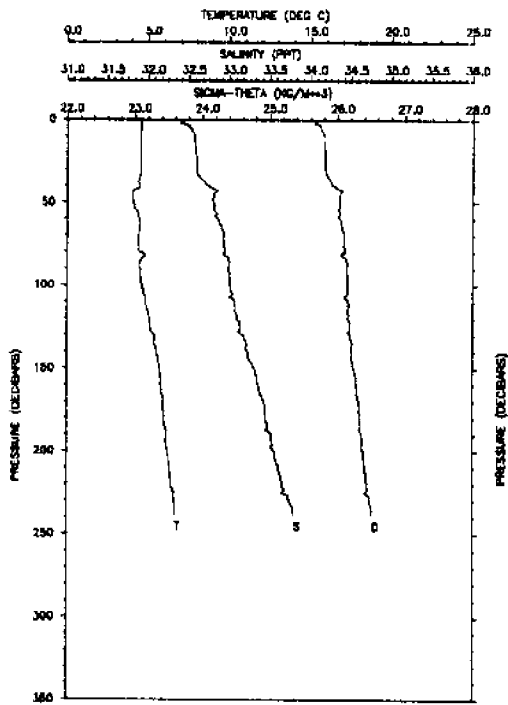
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/st²	m/sec	cph	
0.0	3.15	32.35	3.15	25.76	223.0	0.000	1460	-5.20	Cruise EN159
10.0	3.14	32.33	3.14	25.74	224.6	0.022	1460	-2.12	Station 5
20.0	3.30	32.36	3.30	25.76	223.1	0.045	1461	7.60	6 APR 1987
30.0	3.68	32.56	3.68	25.87	212.0	0.066	1463	2.06	0407 UTC
40.0	3.77	32.61	3.77	25.91	208.9	0.088	1463	4.62	42 30.0 N
50.0	5.15	33.18	5.14	26.22	179.7	0.107	1470	3.51	65 48.2 W
60.0	5.36	33.36	5.36	26.33	168.6	0.125	1471	3.76	Depth 90 m
70.0	5.41	33.38	5.40	26.35	167.7	0.141	1471	3.4	
79.0	5.45	33.42	5.44	26.38	164.9	0.156	1472		



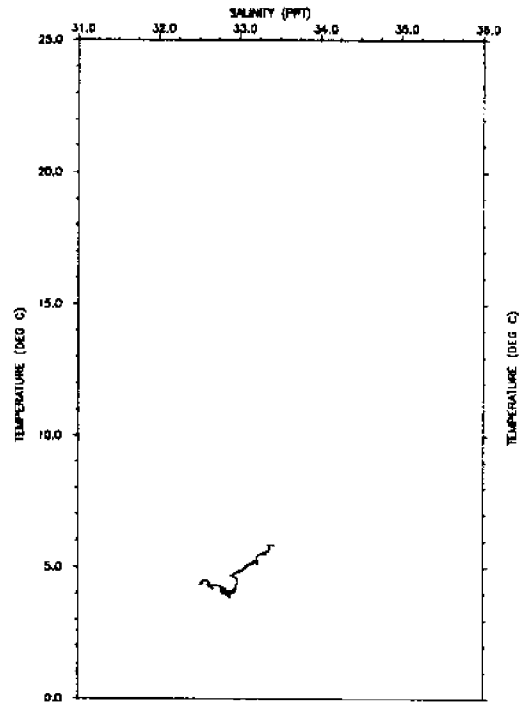
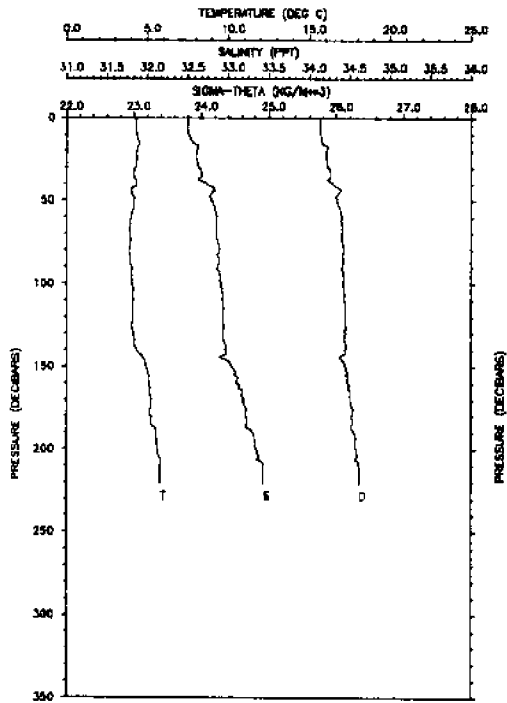
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.49	32.53	4.49	25.77	221.5	0.000	1465	-2.03	Cruise EN159
10.0	4.48	32.53	4.47	25.78	221.0	0.022	1466	1.67	Station 6
20.0	4.43	32.56	4.43	25.80	218.5	0.044	1466	1.65	7 APR 1987
30.0	4.45	32.57	4.45	25.81	218.3	0.066	1466	2.33	1445 UTC
40.0	4.41	32.64	4.41	25.87	212.7	0.088	1466	6.01	42 29.5 N
50.0	4.19	32.81	4.18	26.02	197.8	0.108	1465	3.70	69 28.2 W
60.0	4.13	32.86	4.13	26.07	193.4	0.128	1465	2.81	Depth 265 m
70.0	4.22	32.88	4.21	26.00	193.0	0.147	1466	5.0	
80.0	4.45	32.92	4.44	26.09	192.0	0.166	1467	5.5	
89.0	4.63	32.98	4.62	26.12	189.4	0.183	1468		



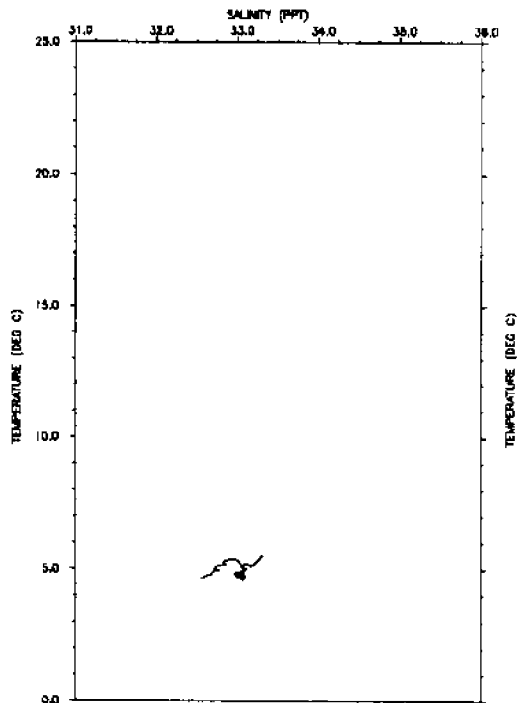
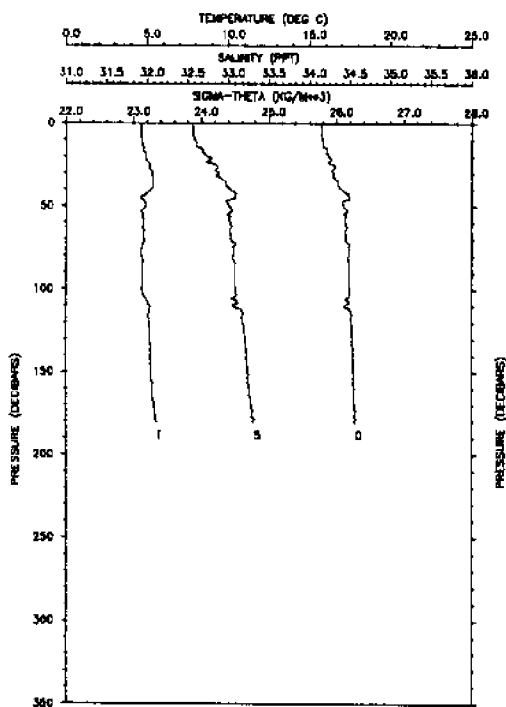
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	4.49	32.54	4.49	25.78	220.2	0.000	1466	-5.95	Cruise EN159
10.0	4.48	32.53	4.48	25.77	221.4	0.022	1466	-1.29	Station 7
20.0	4.47	32.54	4.47	25.78	220.3	0.044	1466	4.94	7 APR 1987
30.0	4.43	32.57	4.43	25.81	218.3	0.066	1466	-1.87	1515 UTC
40.0	4.40	32.64	4.40	25.87	212.3	0.068	1466	10.69	42 29.1 N
50.0	4.13	32.83	4.13	26.05	195.5	0.100	1465	6.74	69 28.1 W
60.0	4.15	32.87	4.14	26.08	192.6	0.127	1465	-2.30	Depth 260 m
70.0	4.24	32.89	4.24	26.09	192.0	0.147	1466	0.8	
80.0	4.52	32.96	4.52	26.11	190.2	0.166	1467	3.3	
90.0	4.78	33.01	4.78	26.13	188.5	0.185	1469	4.9	
100.0	4.82	33.05	4.81	26.15	186.7	0.203	1469	-0.9	
110.0	5.04	33.08	5.03	26.15	186.7	0.222	1470	1.0	
120.0	5.24	33.14	5.23	26.17	184.6	0.241	1471	1.7	
130.0	5.55	33.21	5.54	26.19	182.8	0.259	1473	4.3	
140.0	5.81	33.29	5.80	26.23	179.8	0.277	1474	4.3	
150.0	5.89	33.36	5.88	26.27	175.5	0.295	1475	2.8	
160.0	5.91	33.39	5.90	26.29	173.8	0.313	1475	-1.0	
170.0	6.09	33.44	6.08	26.31	172.3	0.330	1476	6.1	
180.0	6.13	33.51	6.11	26.36	167.5	0.347	1476	2.7	
190.0	6.29	33.57	6.27	26.39	165.4	0.364	1477	4.0	
200.0	6.31	33.60	6.30	26.41	163.3	0.380	1477	3.8	
210.0	6.47	33.65	6.45	26.43	161.8	0.396	1478	5.3	
220.0	6.49	33.69	6.47	26.45	159.7	0.412	1479	3.3	
230.0	6.58	33.72	6.56	26.47	158.3	0.428	1479	7.5	
240.0	6.73	33.86	6.70	26.56	150.0	0.443	1480	2.7	
247.0	6.73	33.87	6.71	26.57	149.4	0.454	1480		



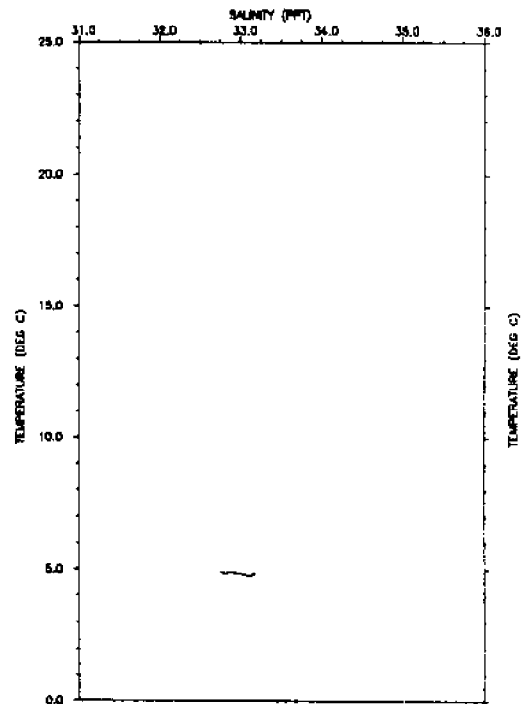
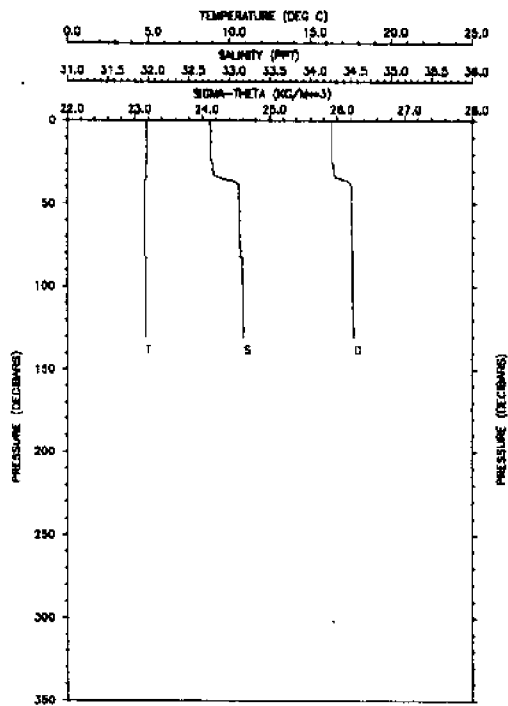
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	mt³/kg	10m²/s²	m/sec	cph	
0.0	4.58	32.44	4.58	25.69	229.1	0.000	1466	-6.30	Cruise EN159
10.0	4.53	32.56	4.53	25.79	219.4	0.022	1466	2.45	Station 8
20.0	4.54	32.59	4.54	25.81	217.8	0.044	1466	0.69	7 APR 1987
30.0	4.54	32.60	4.54	25.82	217.0	0.066	1466	2.49	2249 UTC
40.0	4.49	32.74	4.49	25.94	205.6	0.087	1466	9.44	42 29.5 N
50.0	4.10	32.80	4.10	26.03	197.5	0.107	1465	2.76	69 30.0 W
60.0	4.47	32.85	4.47	26.03	197.6	0.127	1467	8.33	Depth 270 m
70.0	4.41	32.93	4.40	26.10	190.9	0.146	1467	-3.5	
80.0	4.46	32.95	4.45	26.11	190.1	0.165	1467	-13.8	
90.0	4.50	32.99	4.49	26.14	187.4	0.184	1468	2.2	
100.0	4.60	33.01	4.60	26.14	187.3	0.203	1468	4.2	
110.0	4.87	33.06	4.86	26.16	185.9	0.222	1470	2.9	
120.0	5.09	33.09	5.08	26.15	186.5	0.240	1471	8.9	
130.0	5.38	33.18	5.37	26.19	182.8	0.259	1472	-1.9	
140.0	5.52	33.23	5.50	26.21	181.3	0.277	1473	5.7	
150.0	5.75	33.31	5.74	26.25	177.6	0.295	1474	6.5	
160.0	5.81	33.37	5.80	26.29	174.4	0.312	1475	-1.0	
170.0	5.97	33.43	5.96	26.32	171.4	0.330	1475	-4.8	
180.0	6.01	33.46	6.00	26.33	170.3	0.347	1476	2.8	
190.0	6.13	33.52	6.11	26.37	167.1	0.364	1476	-1.8	
200.0	6.23	33.56	6.21	26.39	165.4	0.380	1477	-2.6	
210.0	6.36	33.61	6.34	26.41	163.4	0.397	1478	-2.9	
220.0	6.44	33.66	6.42	26.44	160.9	0.413	1478	-6.9	
230.0	6.63	33.74	6.61	26.48	157.4	0.429	1479	4.0	
238.0	6.68	33.79	6.65	26.52	154.2	0.442	1480		



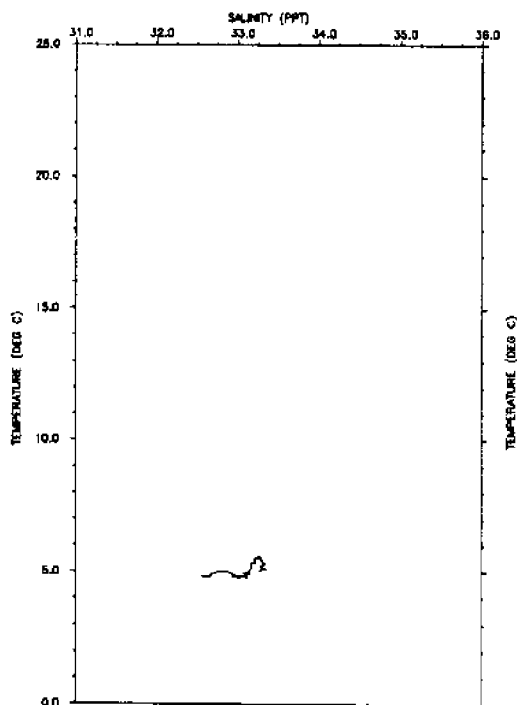
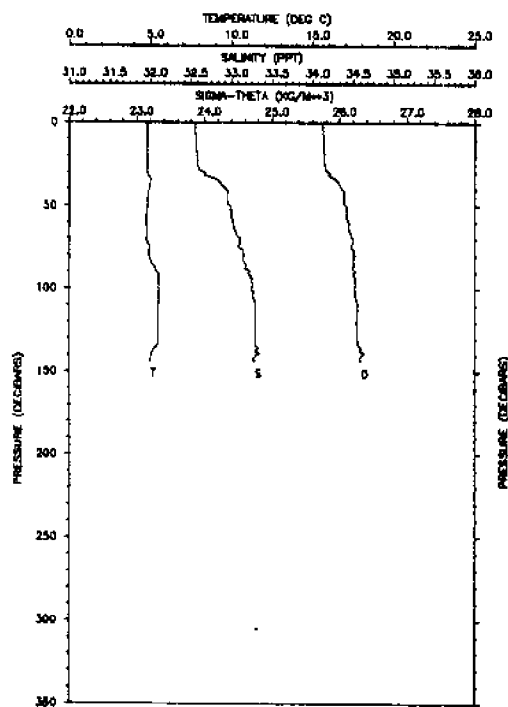
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.32	32.50	4.32	25.77	221.7	0.000	1465	-2.33	Cruise EN159
10.0	4.34	32.51	4.34	25.77	221.5	0.022	1465	4.48	Station 9
20.0	4.35	32.61	4.34	25.85	214.0	0.044	1465	2.81	8 APR 1987
30.0	4.28	32.63	4.27	25.87	212.0	0.065	1465	9.84	0015 UTC
40.0	4.31	32.74	4.31	25.96	204.3	0.086	1466	6.92	42 21.0 N
50.0	4.20	32.79	4.20	26.01	199.2	0.106	1465	6.27	69 20.0 W
60.0	4.01	32.86	4.01	26.08	192.5	0.126	1465	2.86	Depth 240 m
70.0	3.93	32.86	3.92	26.09	191.5	0.145	1465	2.1	
80.0	3.89	32.89	3.88	26.12	188.7	0.164	1465	-2.3	
90.0	4.03	32.87	4.02	26.09	191.5	0.183	1465	-5.8	
100.0	4.08	32.90	4.07	26.11	189.9	0.202	1466	3.5	
110.0	4.13	32.93	4.12	26.13	188.6	0.221	1466	4.5	
120.0	4.09	32.94	4.08	26.14	187.6	0.240	1466	-0.5	
130.0	4.13	32.94	4.12	26.13	188.1	0.258	1467	-4.4	
140.0	4.34	32.96	4.33	26.13	188.7	0.277	1468	6.6	
150.0	4.91	33.04	4.90	26.14	188.3	0.296	1470	4.1	
160.0	5.11	33.11	5.10	26.17	185.5	0.315	1471	9.9	
170.0	5.25	33.19	5.24	26.22	180.9	0.333	1472	-7.3	
180.0	5.21	33.21	5.19	26.24	179.0	0.351	1472	2.0	
190.0	5.54	33.30	5.53	26.27	176.2	0.369	1474	4.0	
200.0	5.62	33.35	5.60	26.30	173.6	0.386	1474	3.5	
210.0	5.82	33.43	5.80	26.34	170.5	0.404	1475	3.2	
220.0	5.82	33.43	5.80	26.34	170.2	0.421	1476	-2.7	
221.0	5.82	33.43	5.80	26.34	170.4	0.422	1476		



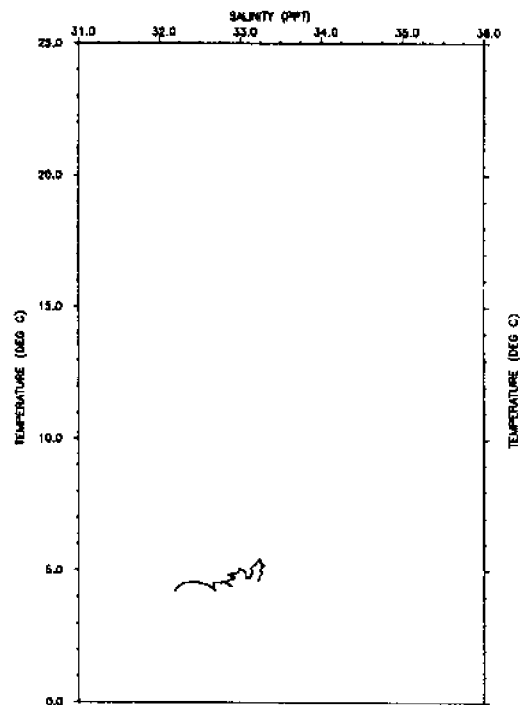
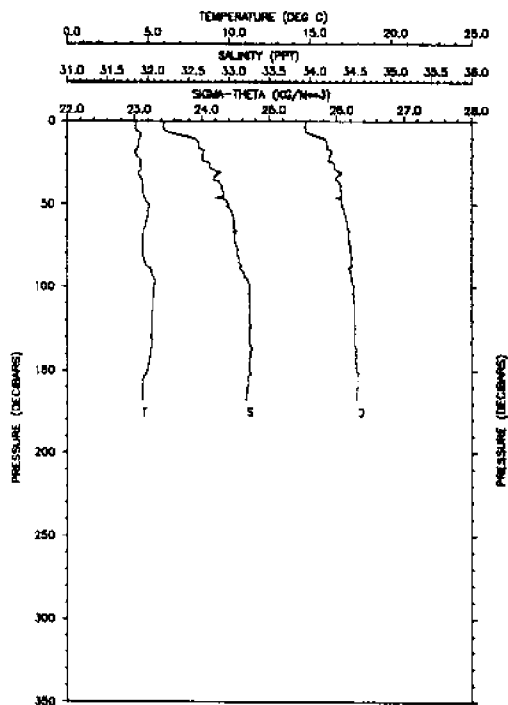
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10m ² /st ²	m/sec	cph	
0.0	4.65	32.56	4.65	25.78	220.8	0.000	1466	1.53	Cruise EN159
10.0	4.67	32.59	4.67	25.80	219.0	0.022	1466	4.31	Station 10
20.0	4.95	32.74	4.95	25.89	210.1	0.044	1468	10.62	8 APR 1987
30.0	5.32	32.89	5.32	25.97	203.0	0.064	1470	-8.64	0137 UTC
40.0	5.25	33.03	5.25	26.08	192.2	0.084	1470	8.02	42 11.9 N
50.0	4.90	33.01	4.89	26.11	189.6	0.103	1469	7.71	69 10.1 W
60.0	4.80	33.02	4.79	26.13	188.0	0.122	1468	4.68	Depth 195 m
70.0	4.81	33.02	4.81	26.13	188.0	0.140	1469	5.2	
80.0	4.65	33.05	4.84	26.17	184.2	0.159	1468	-3.6	
90.0	4.69	33.08	4.69	26.19	182.6	0.177	1468	-0.5	
100.0	4.71	33.09	4.70	26.19	182.3	0.195	1469	-0.6	
110.0	5.11	33.04	5.10	26.11	190.4	0.214	1470	11.4	
120.0	5.12	33.17	5.11	26.21	180.9	0.232	1471	5.3	
130.0	5.17	33.21	5.16	26.24	178.1	0.250	1471	-4.4	
140.0	5.21	33.23	5.20	26.25	177.5	0.268	1472	-5.4	
150.0	5.26	33.24	5.24	26.26	177.1	0.285	1472	2.6	
160.0	5.33	33.26	5.31	26.26	176.8	0.303	1472	3.5	
170.0	5.41	33.29	5.40	26.27	175.8	0.321	1473	-4.3	
180.0	5.53	33.29	5.51	26.26	176.7	0.338	1474	6.3	
181.0	5.56	33.31	5.54	26.28	175.5	0.340	1474		



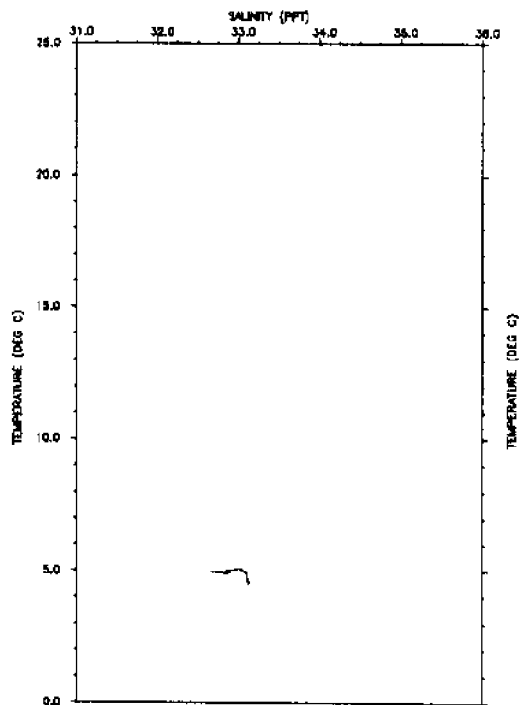
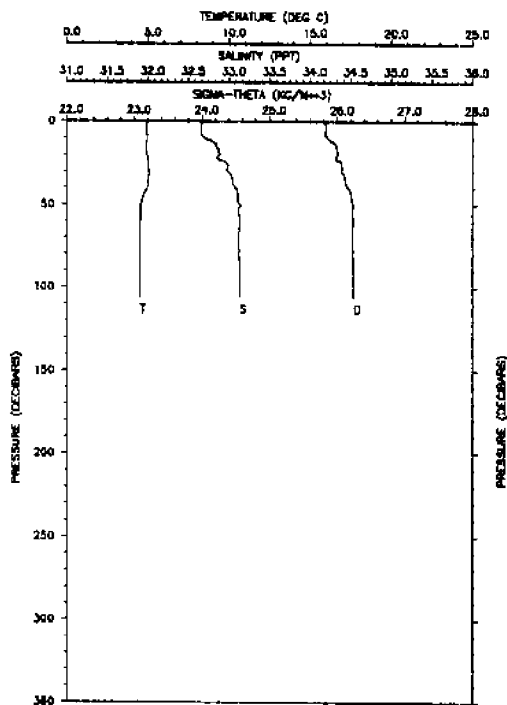
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	4.91	32.78	4.91	25.91	208.2	0.000	1468	4.74	Cruise EN159
10.0	4.91	32.77	4.91	25.92	207.5	0.021	1468	1.91	Station 11
20.0	4.91	32.77	4.91	25.92	207.5	0.041	1468	1.42	8 APR 1987
30.0	4.83	32.80	4.83	25.95	204.5	0.062	1468	1.94	0252 UTC
40.0	4.77	33.12	4.77	26.21	180.4	0.081	1468	2.06	42 2.8 N
50.0	4.79	33.12	4.79	26.21	180.3	0.099	1468	1.81	69 1.9 W
60.0	4.79	33.13	4.79	26.21	180.0	0.117	1468	2.00	Depth 140 m
70.0	4.78	33.13	4.78	26.22	179.5	0.135	1469	1.6	
80.0	4.79	33.15	4.79	26.23	178.7	0.153	1469	-3.2	
90.0	4.85	33.18	4.84	26.23	178.4	0.171	1469	3.2	
100.0	4.86	33.17	4.85	26.24	178.0	0.189	1469	2.1	
110.0	4.86	33.17	4.85	26.24	177.9	0.207	1470	-1.3	
120.0	4.85	33.17	4.84	26.24	177.9	0.225	1470	-0.9	
130.0	4.84	33.18	4.83	26.25	177.1	0.242	1470	1.3	
131.0	4.84	33.18	4.83	26.25	177.1	0.244	1470		



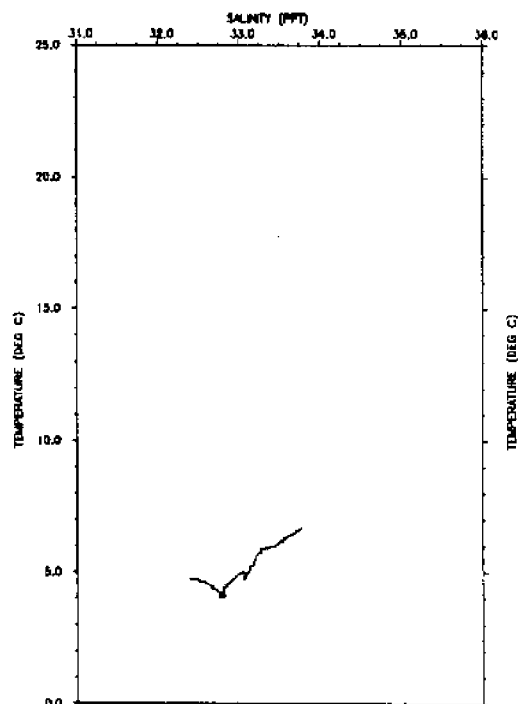
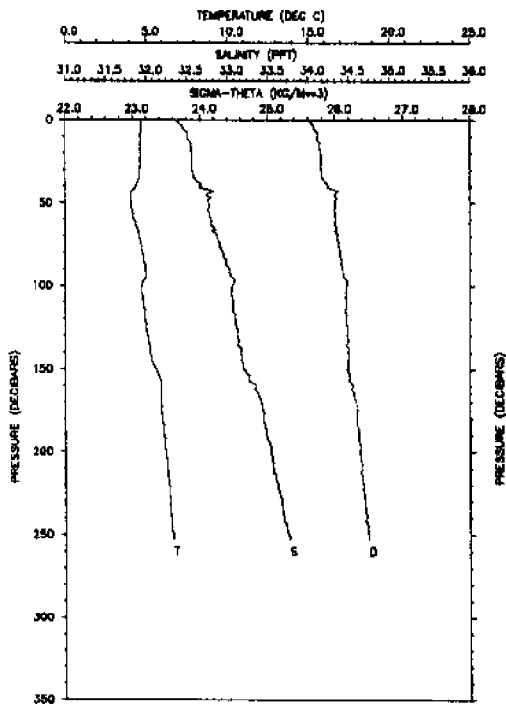
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.81	32.55	4.81	25.75	223.0	0.000	1467	-2.01	Cruise EN159
10.0	4.81	32.56	4.81	25.76	222.3	0.022	1467	1.20	Station 12
20.0	4.81	32.58	4.81	25.77	221.3	0.044	1467	-0.38	8 APR 1987
30.0	4.83	32.67	4.82	25.85	214.5	0.066	1468	5.29	0407 UTC
40.0	4.95	32.92	4.95	26.04	198.6	0.087	1469	10.25	41 53.9 N
50.0	4.83	32.99	4.83	26.10	190.9	0.106	1468	5.47	68 52.0 W
60.0	4.78	33.02	4.77	26.13	188.1	0.125	1468	4.04	Depth 155 m
70.0	4.78	33.12	4.77	26.21	180.6	0.144	1469	-5.4	
80.0	4.91	33.16	4.91	26.23	179.1	0.162	1469	-6.3	
90.0	5.37	33.23	5.36	26.23	179.1	0.180	1471	-8.4	
100.0	5.54	33.25	5.54	26.22	179.5	0.198	1472	0.9	
110.0	5.50	33.30	5.50	26.27	175.5	0.216	1472	-3.1	
120.0	5.50	33.30	5.49	26.27	175.7	0.233	1473	-1.5	
130.0	5.50	33.30	5.49	26.27	175.7	0.251	1473	-1.0	
140.0	5.08	33.30	5.07	26.32	170.9	0.268	1471	1.7	
144.0	5.03	33.29	5.02	26.32	170.9	0.275	1471		



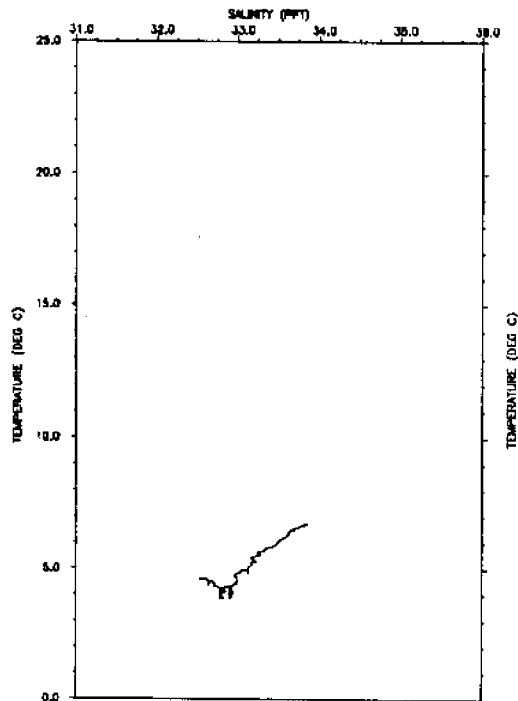
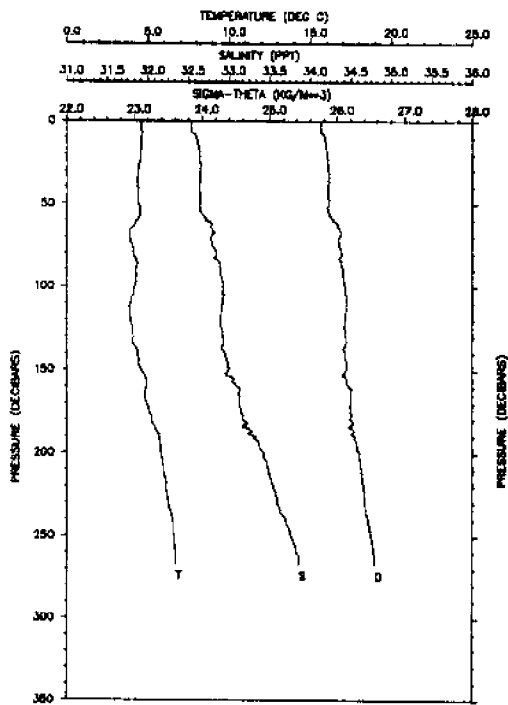
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	n/sec	cph	
0.0	4.27	32.21	4.27	25.54	243.6	0.000	1464	3.02	Cruise EN159
10.0	4.51	32.54	4.50	25.78	229.5	0.024	1466	12.24	Station 13
20.0	4.32	32.68	4.32	25.91	208.8	0.045	1465	-4.05	8 APR 1987
30.0	4.52	32.84	4.52	26.01	198.6	0.066	1467	14.19	0530 UTC
40.0	4.68	32.91	4.67	26.05	195.2	0.088	1467	3.00	41 44.0 N
50.0	5.06	32.99	5.06	26.08	192.7	0.105	1469	-8.19	68 43.0 W
60.0	4.94	33.06	4.93	26.15	186.1	0.124	1469	4.43	Depth 170 m
70.0	4.71	33.07	4.71	26.18	183.4	0.142	1468	2.5	
80.0	4.70	33.11	4.70	26.21	180.6	0.161	1468	3.1	
90.0	5.19	33.16	5.19	26.19	182.1	0.179	1471	5.6	
100.0	5.40	33.26	5.39	26.25	177.1	0.197	1472	-3.7	
110.0	5.32	33.26	5.31	26.26	176.0	0.214	1472	-0.9	
120.0	5.26	33.26	5.25	26.26	175.9	0.232	1472	-2.8	
130.0	5.23	33.26	5.22	26.27	175.6	0.249	1472	0.5	
140.0	5.13	33.26	5.12	26.28	174.2	0.267	1471	6.6	
150.0	4.99	33.25	4.98	26.29	173.6	0.284	1471	5.1	
160.0	4.67	33.22	4.66	26.30	172.4	0.301	1470	1.3	
168.0	4.63	33.21	4.62	26.30	172.9	0.315	1470		



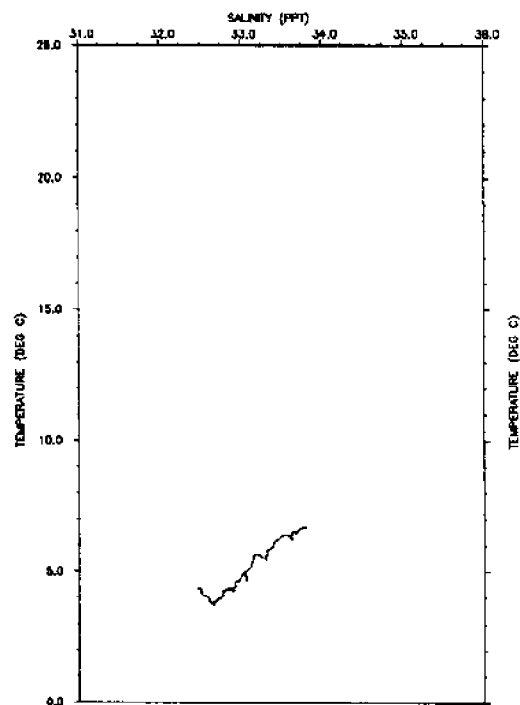
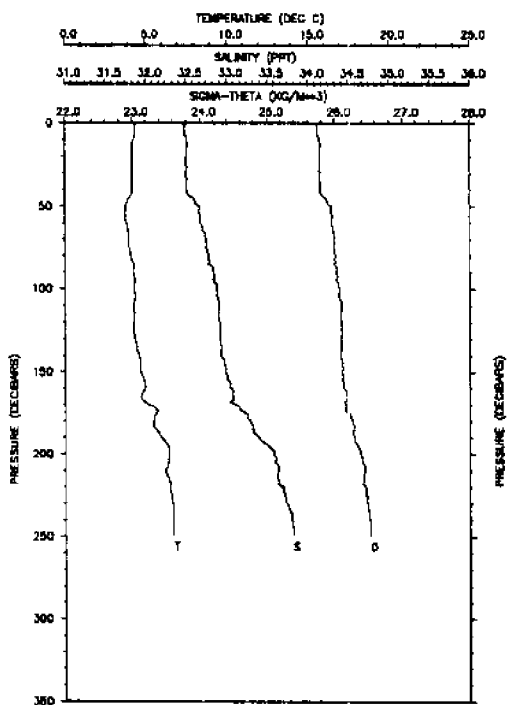
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	4.96	32.66	4.96	25.83	216.3	0.000	1468	1.70	Cruise EN159
10.0	4.98	32.69	4.98	25.85	214.0	0.022	1468	10.31	Station 14
20.0	4.94	32.90	4.94	26.02	198.3	0.042	1468	-10.57	8 APR 1987
30.0	5.00	32.98	5.00	26.06	194.1	0.062	1469	8.62	0715 UTC
40.0	4.97	33.08	4.96	26.16	185.3	0.080	1469	9.30	41 32.9 N
50.0	4.60	33.13	4.59	26.24	177.8	0.099	1468	5.31	68 34.3 W
60.0	4.56	33.13	4.55	26.24	177.3	0.116	1467	-1.62	Depth 120 m
70.0	4.54	33.12	4.53	26.24	177.9	0.134	1468	2.4	
80.0	4.53	33.12	4.53	26.24	177.6	0.152	1468	1.5	
90.0	4.53	33.13	4.52	26.24	177.5	0.170	1468	1.2	
100.0	4.53	33.13	4.52	26.25	177.3	0.187	1468	-1.1	
106.0	4.53	33.13	4.52	26.25	177.3	0.198	1468		



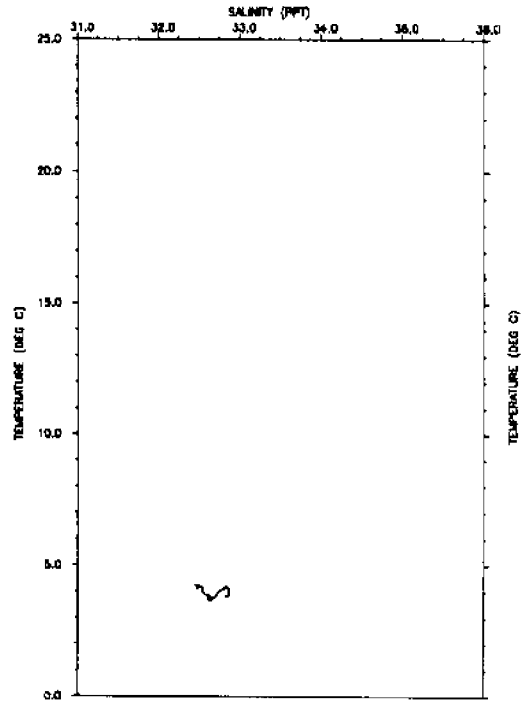
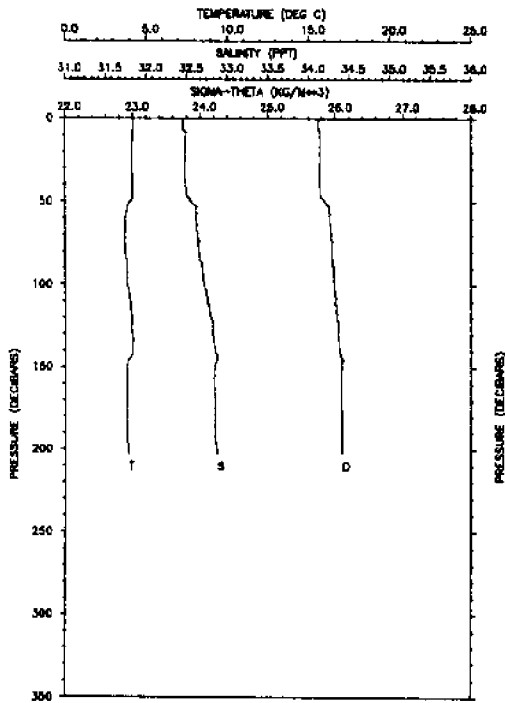
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	n/sec	cph	
0.0	4.74	32.42	4.74	25.66	232.0	0.000	1466	-9.50	Cruise EN159
10.0	4.64	32.51	4.63	25.74	224.2	0.023	1466	1.43	Station 15
20.0	4.64	32.57	4.64	25.79	220.1	0.045	1466	3.59	8 APR 1987
30.0	4.62	32.58	4.62	25.80	219.2	0.067	1467	2.92	2347 UTC
40.0	4.40	32.66	4.40	25.88	211.3	0.089	1466	9.39	42 29.8 N
50.0	4.09	32.78	4.09	26.01	199.2	0.109	1465	2.19	69 30.2 W
60.0	4.28	32.81	4.28	26.02	198.8	0.129	1466	-4.75	Depth 275 m
70.0	4.58	32.87	4.58	26.03	197.0	0.148	1467	2.9	
80.0	4.80	32.95	4.79	26.07	193.5	0.168	1469	3.6	
90.0	4.98	33.03	4.97	26.11	189.7	0.187	1470	2.7	
100.0	4.76	33.07	4.75	26.17	184.5	0.206	1469	-3.7	
110.0	4.84	33.07	4.83	26.17	184.8	0.224	1469	-1.2	
120.0	4.98	33.10	4.95	26.18	184.2	0.243	1470	3.0	
130.0	5.09	33.12	5.08	26.18	184.0	0.261	1471	1.9	
140.0	5.26	33.16	5.25	26.19	183.0	0.279	1472	2.4	
150.0	5.62	33.20	5.60	26.18	184.3	0.298	1473	7.3	
160.0	5.92	33.38	5.91	26.27	176.4	0.316	1475	-1.4	
170.0	5.96	33.41	5.95	26.30	173.0	0.333	1475	5.6	
180.0	6.00	33.45	5.99	26.33	171.0	0.351	1476	-2.3	
190.0	6.11	33.48	6.10	26.34	169.7	0.368	1476	-1.4	
200.0	6.24	33.54	6.22	26.37	167.1	0.384	1477	-6.6	
210.0	6.29	33.57	6.27	26.39	165.8	0.401	1478	4.8	
220.0	6.41	33.63	6.39	26.42	162.8	0.418	1478	1.1	
230.0	6.47	33.67	6.45	26.44	160.9	0.434	1479	0.5	
240.0	6.54	33.70	6.52	26.46	159.5	0.450	1479	-4.7	
250.0	6.65	33.75	6.63	26.49	157.1	0.466	1480	4.9	
253.0	6.68	33.77	6.66	26.50	156.3	0.470	1480		



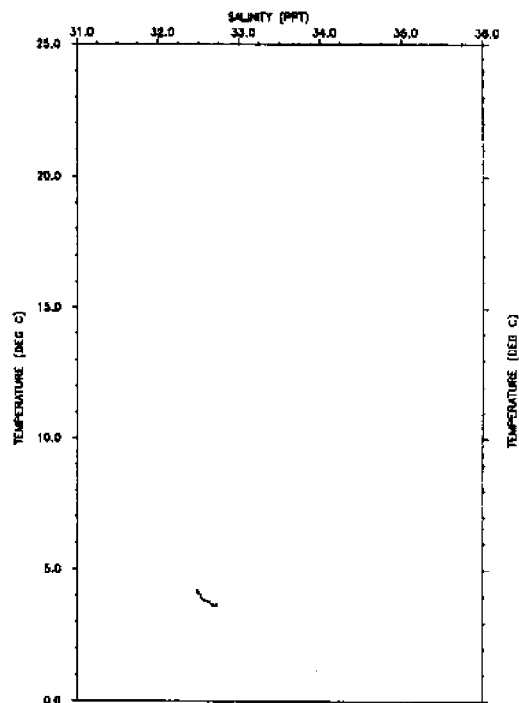
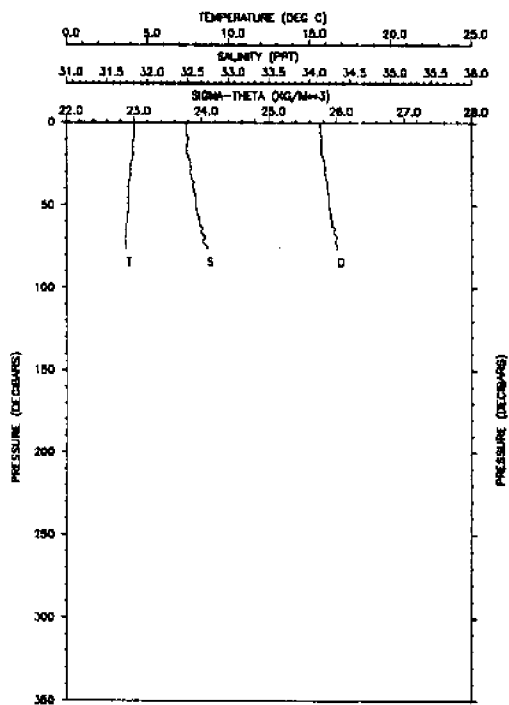
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st2	m/sec	cph	
0.0	4.60	32.53	4.60	25.76	222.3	0.000	1466	-0.94	Cruise EN159
10.0	4.60	32.60	4.60	25.81	217.5	0.022	1466	2.27	Station 16
20.0	4.54	32.63	4.54	25.85	214.3	0.044	1466	-0.86	8 APR 1987
30.0	4.43	32.65	4.43	25.87	212.0	0.065	1466	2.40	0107 UTC
40.0	4.40	32.64	4.39	25.87	212.2	0.066	1466	-1.55	42 38.9 N
50.0	4.43	32.65	4.43	25.88	211.8	0.107	1466	-6.02	69 38.9 W
60.0	4.35	32.70	4.35	25.93	207.2	0.129	1466	11.91	Depth 280 m
70.0	3.88	32.78	3.87	26.04	196.8	0.148	1464	-5.1	
80.0	4.10	32.85	4.10	26.07	194.0	0.168	1466	-3.2	
90.0	4.29	32.90	4.28	26.09	191.9	0.187	1467	-1.3	
100.0	4.18	32.92	4.17	26.12	189.3	0.207	1466	6.1	
110.0	3.95	32.93	3.94	26.15	186.6	0.225	1466	-4.7	
120.0	3.93	32.90	3.92	26.12	189.1	0.244	1466	-1.7	
130.0	4.09	32.93	4.08	26.13	188.5	0.263	1466	3.8	
140.0	4.38	32.96	4.37	26.12	189.3	0.282	1468	2.2	
150.0	4.58	32.99	4.57	26.13	188.8	0.301	1469	-5.9	
160.0	4.97	33.11	4.95	26.18	184.3	0.320	1471	10.8	
170.0	4.93	33.13	4.92	26.20	182.4	0.338	1471	2.4	
180.0	5.28	33.17	5.26	26.20	182.8	0.356	1472	10.1	
190.0	5.69	33.33	5.68	26.27	178.1	0.374	1475	-6.9	
200.0	5.83	33.43	5.81	26.34	170.4	0.392	1475	-2.6	
210.0	5.98	33.49	5.98	26.37	167.7	0.409	1476	-4.1	
220.0	6.16	33.55	6.14	26.39	165.3	0.425	1477	-4.3	
230.0	6.27	33.59	6.25	26.41	164.3	0.442	1478	1.4	
240.0	6.52	33.70	6.50	26.48	159.2	0.458	1479	-1.5	
250.0	6.63	33.77	6.61	26.50	155.7	0.474	1480	1.5	
260.0	6.73	33.82	6.71	26.53	153.2	0.489	1480	7.8	
267.0	6.74	33.86	6.71	26.56	150.5	0.500	1481		



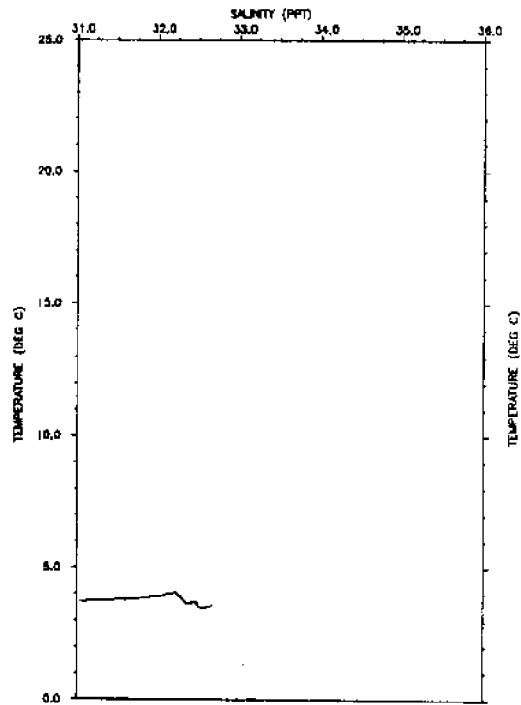
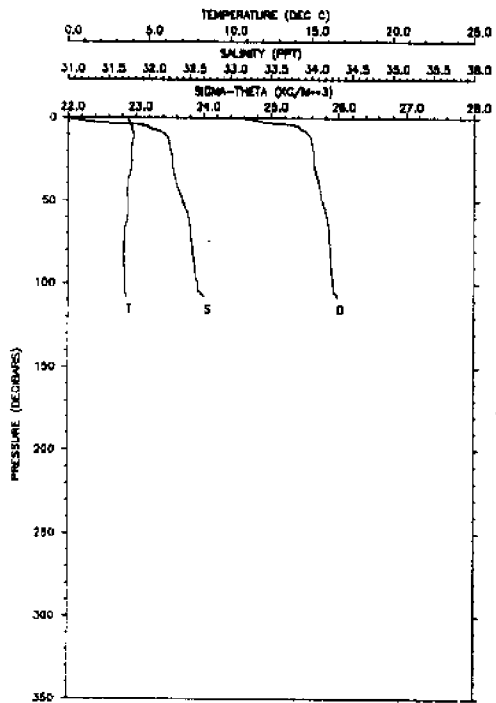
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	4.36	32.47	4.36	25.74	224.3	0.000	1465	4.33	Cruise EN159
10.0	4.26	32.51	4.26	25.78	220.7	0.022	1465	3.18	Station 17
20.0	4.19	32.51	4.19	25.78	220.4	0.044	1465	-1.21	8 APR 1987
30.0	4.19	32.50	4.19	25.78	220.5	0.066	1465	0.91	0252 UTC
40.0	4.15	32.51	4.15	25.79	219.8	0.088	1465	2.98	42 48.0 N
50.0	3.78	32.67	3.78	25.86	204.0	0.110	1464	-3.63	69 48.0 W
60.0	3.84	32.67	3.83	25.95	204.6	0.130	1464	5.54	Depth 268 m
70.0	3.99	32.75	3.98	26.00	200.5	0.150	1465	2.1	
80.0	4.07	32.79	4.06	26.02	198.4	0.170	1465	-7.3	
90.0	4.28	32.83	4.27	26.04	197.0	0.190	1466	1.1	
100.0	4.32	32.88	4.31	26.07	194.2	0.210	1467	1.5	
110.0	4.27	32.91	4.26	26.09	191.6	0.229	1467	-3.4	
120.0	4.28	32.91	4.27	26.10	191.6	0.248	1467	3.6	
130.0	4.35	32.91	4.34	26.09	192.3	0.267	1468	1.3	
140.0	4.60	32.93	4.59	26.08	193.0	0.287	1469	-2.0	
150.0	4.67	32.98	4.66	26.11	190.7	0.306	1469	3.2	
160.0	4.98	33.05	4.97	26.13	188.8	0.325	1471	8.8	
170.0	5.18	33.12	5.16	26.17	185.3	0.343	1472	-4.3	
180.0	5.51	33.29	5.50	26.26	176.9	0.362	1474	4.2	
190.0	5.94	33.39	5.92	26.29	174.5	0.379	1476	-3.2	
200.0	6.40	33.57	6.38	26.37	167.1	0.396	1478	5.1	
210.0	6.22	33.63	6.20	26.44	160.5	0.413	1477	-4.4	
220.0	6.47	33.69	6.45	26.46	159.3	0.429	1479	-4.8	
230.0	6.64	33.75	6.61	26.49	156.8	0.445	1479	-3.8	
240.0	6.71	33.79	6.69	26.51	154.7	0.460	1480	5.2	
249.0	6.71	33.81	6.69	26.52	153.9	0.474	1480		



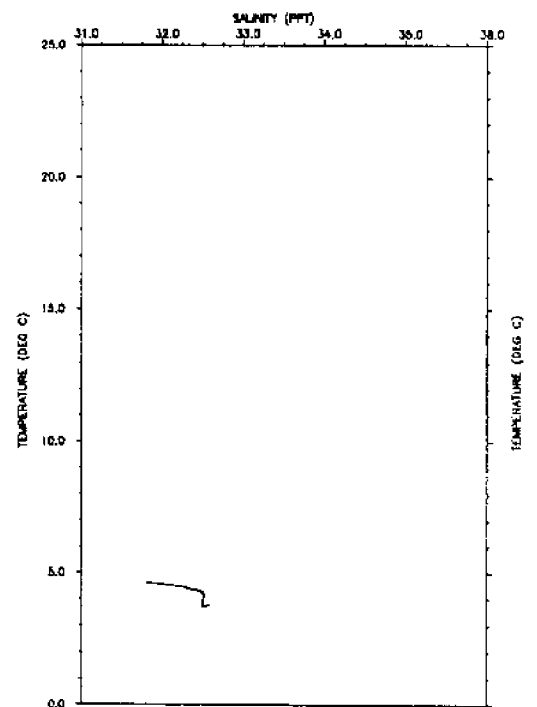
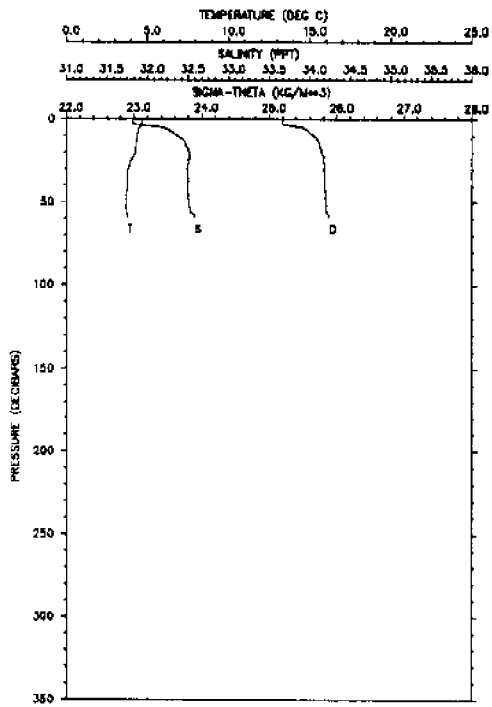
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.22	32.45	4.22	25.74	224.4	0.000	1464	-1.90	Cruise EN159
10.0	4.16	32.49	4.16	25.77	221.6	0.022	1464	0.51	Station 18
20.0	4.14	32.48	4.14	25.77	221.5	0.045	1464	-0.96	9 APR 1987
30.0	4.15	32.48	4.14	25.77	221.7	0.067	1464	-1.16	0437 UTC
40.0	4.20	32.49	4.20	25.77	222.0	0.089	1465	1.82	42 57.0 N
50.0	4.01	32.54	4.01	25.83	216.1	0.111	1464	0.24	69 57.0 W
60.0	3.69	32.61	3.68	25.92	208.0	0.132	1463	2.04	Depth 215 m
70.0	3.67	32.64	3.66	25.94	206.0	0.153	1463	-2.6	
80.0	3.71	32.65	3.71	25.95	205.3	0.173	1464	2.7	
90.0	3.79	32.69	3.78	25.97	203.1	0.194	1464	2.3	
100.0	3.85	32.72	3.84	25.98	201.8	0.214	1465	2.7	
110.0	4.03	32.76	4.02	26.01	200.0	0.234	1466	-7.0	
120.0	4.14	32.80	4.14	26.02	198.7	0.254	1466	4.1	
130.0	4.15	32.81	4.15	26.03	197.8	0.274	1467	6.0	
140.0	4.18	32.85	4.17	26.06	195.0	0.293	1467	1.1	
150.0	3.84	32.85	3.83	26.09	191.8	0.312	1466	3.6	
160.0	3.84	32.84	3.83	26.09	192.6	0.332	1466	1.0	
170.0	3.85	32.85	3.84	26.09	192.2	0.351	1466	0.7	
180.0	3.84	32.85	3.83	26.09	192.0	0.370	1466	-0.9	
190.0	3.83	32.85	3.82	26.10	191.9	0.389	1466	-1.1	
200.0	3.91	32.87	3.89	26.10	191.3	0.408	1467	-2.1	
203.0	3.95	32.88	3.93	26.11	191.2	0.414	1467		



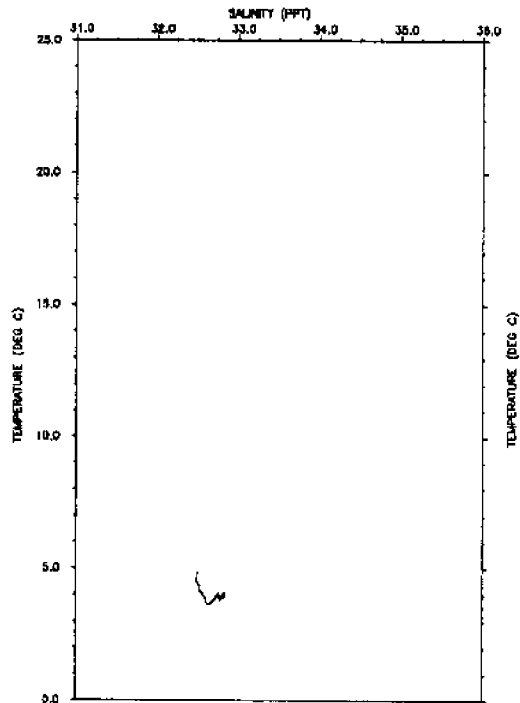
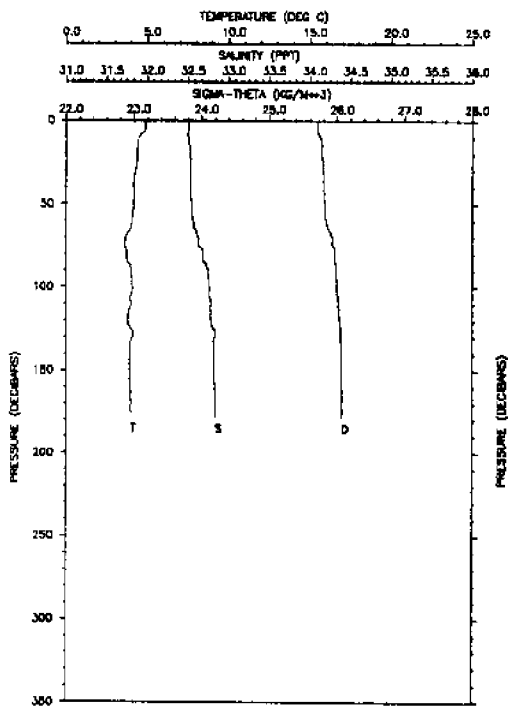
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.22	32.48	4.22	25.78	222.5	0.000	1464	0.85	Cruise EN159
10.0	4.13	32.50	4.13	25.79	220.1	0.022	1464	-4.22	Station 19
20.0	4.08	32.50	4.08	25.79	219.9	0.044	1464	4.25	9 APR 1987
30.0	3.96	32.53	3.96	25.82	216.7	0.066	1464	1.65	0600 UTC
40.0	3.84	32.57	3.84	25.87	212.2	0.087	1463	3.43	43 5.9 N
50.0	3.83	32.60	3.82	25.89	210.1	0.108	1464	-1.59	70 5.8 W
60.0	3.74	32.65	3.74	25.94	205.6	0.129	1464	-5.66	Depth 87 m
70.0	3.61	32.70	3.61	25.99	200.6	0.150	1463	-6.6	
77.0	3.69	32.73	3.69	26.01	199.4	0.164	1464		



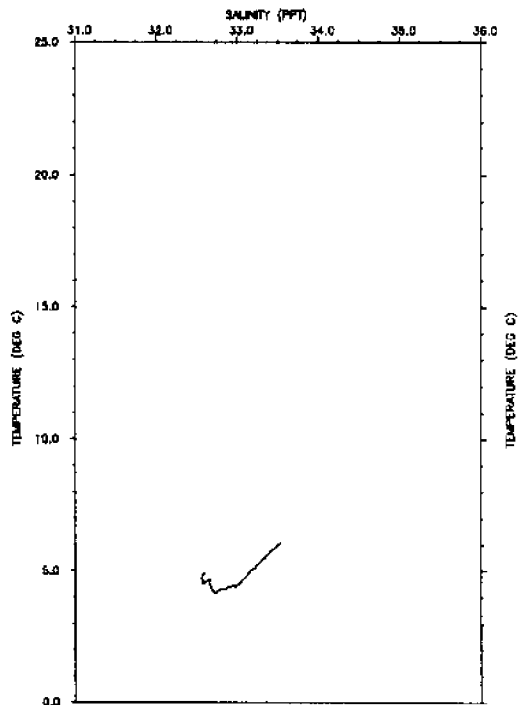
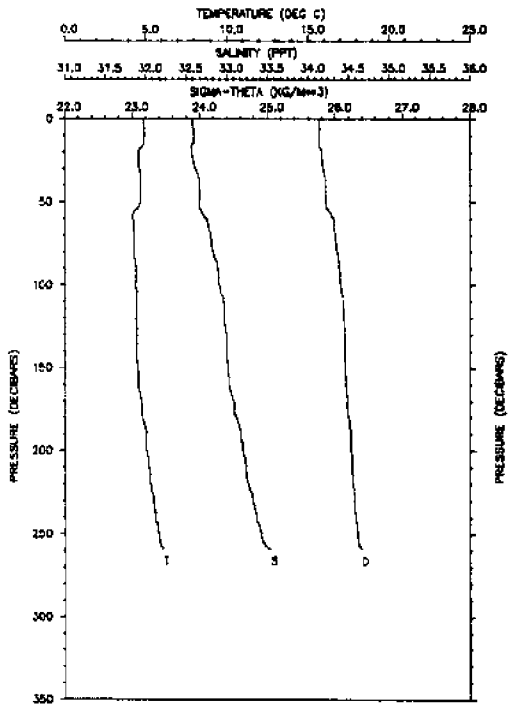
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.70	30.87	3.70	24.53	339.4	0.000	1460	20.71	Cruise EN159
10.0	4.03	32.18	4.03	25.54	243.1	0.028	1463	7.53	Station 20
20.0	3.91	32.27	3.90	25.62	235.8	0.051	1463	3.09	9 APR 1987
30.0	3.89	32.29	3.89	25.64	233.7	0.075	1463	2.37	2315 UTC
40.0	3.69	32.34	3.69	25.70	228.1	0.098	1463	3.88	42 49.1 N
50.0	3.68	32.41	3.68	25.76	223.0	0.121	1463	4.29	70 14.3 W
60.0	3.68	32.49	3.65	25.82	218.7	0.142	1463	2.69	Depth 117 m
70.0	3.51	32.51	3.51	25.86	213.8	0.164	1462	0.9	
80.0	3.48	32.54	3.47	25.88	211.7	0.185	1463	0.7	
90.0	3.48	32.56	3.48	25.90	210.0	0.206	1463	2.5	
100.0	3.52	32.60	3.51	25.92	207.5	0.227	1463	1.4	
108.0	3.59	32.68	3.58	25.98	202.5	0.244	1464		



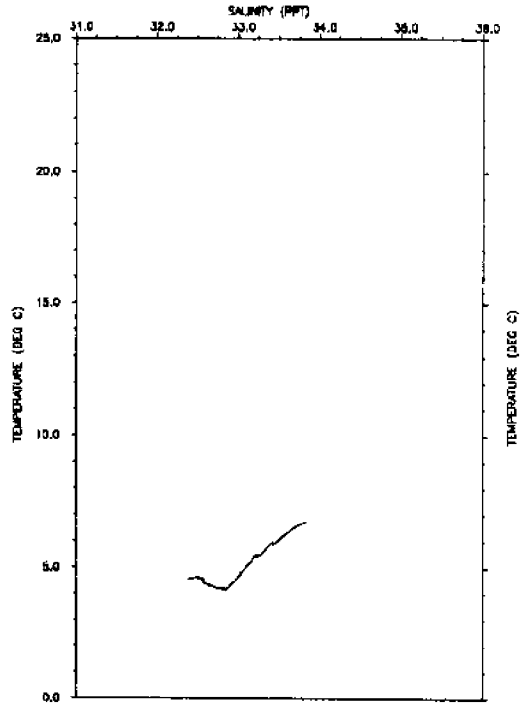
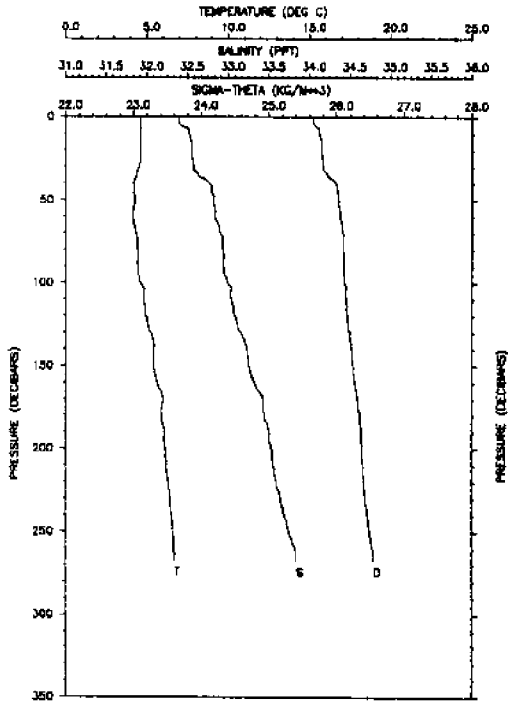
P	T	S	PT	STH	SPVA	DH	SNO V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.66	31.82	4.66	25.19	276.5	0.000	1465	2.60	Cruise EN159
10.0	4.37	32.36	4.37	25.65	232.7	0.028	1465	8.87	Station 21
20.0	4.26	32.51	4.26	25.78	220.7	0.048	1465	3.97	10 APR 1987
30.0	3.83	32.49	3.83	25.81	218.0	0.070	1463	5.74	0245 UTC
40.0	3.77	32.50	3.77	25.82	216.7	0.092	1463	1.23	42 25.0 N
50.0	3.70	32.51	3.70	25.83	215.8	0.113	1463	2.26	70 14.3 W
59.0	3.78	32.58	3.78	25.89	210.9	0.133	1464		Depth 64 m



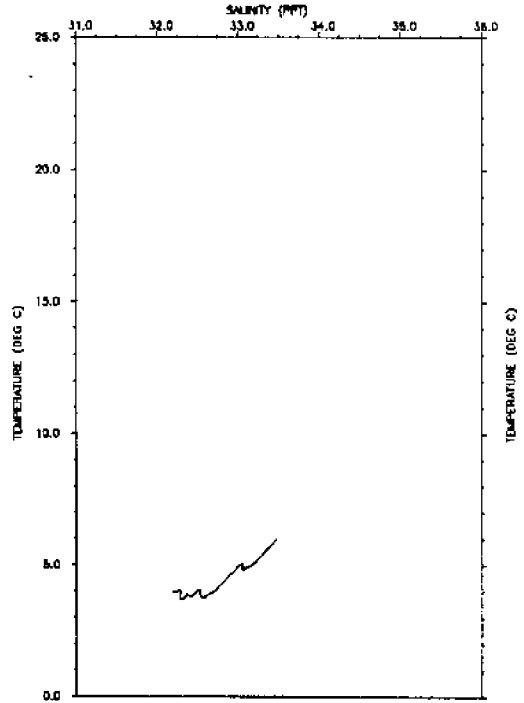
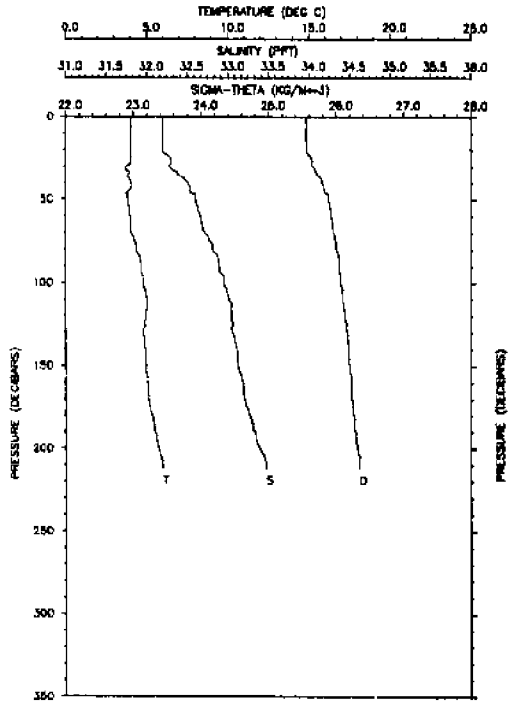
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /s ²	m/sec	cph	
0.0	4.86	32.51	4.86	25.72	226.7	0.000	1467	-1.03	Cruise EN159
10.0	4.45	32.51	4.45	25.76	222.7	0.023	1465	3.18	Station 22
20.0	4.39	32.53	4.39	25.78	220.7	0.045	1465	-1.37	10 APR 1987
30.0	4.27	32.53	4.27	25.80	219.2	0.067	1465	2.67	0415 UTC
40.0	4.16	32.53	4.16	25.81	218.1	0.089	1465	0.79	42 26.9 N
50.0	4.16	32.55	4.16	25.82	217.0	0.110	1465	1.01	69 59.8 W
60.0	4.04	32.57	4.04	25.85	214.6	0.132	1465	1.79	Depth 184 m
70.0	3.65	32.62	3.64	25.93	206.7	0.153	1463	3.7	
80.0	3.74	32.68	3.74	25.97	203.2	0.174	1464	0.9	
90.0	4.00	32.75	4.00	26.00	200.7	0.194	1465	-0.9	
100.0	4.07	32.77	4.06	26.00	200.0	0.214	1468	2.1	
110.0	3.98	32.79	3.98	26.03	197.9	0.234	1465	-3.0	
120.0	3.84	32.79	3.83	26.04	196.5	0.254	1465	-1.9	
130.0	4.09	32.83	4.08	26.05	196.0	0.273	1466	0.7	
140.0	3.94	32.82	3.93	26.06	194.9	0.293	1466	-1.7	
150.0	3.91	32.82	3.90	26.06	194.6	0.312	1466	-1.0	
160.0	3.95	32.83	3.94	26.07	194.4	0.332	1466	-3.1	
170.0	3.98	32.84	3.97	26.07	194.4	0.351	1467	-2.8	
178.0	3.97	32.83	3.96	26.07	194.6	0.367	1467		



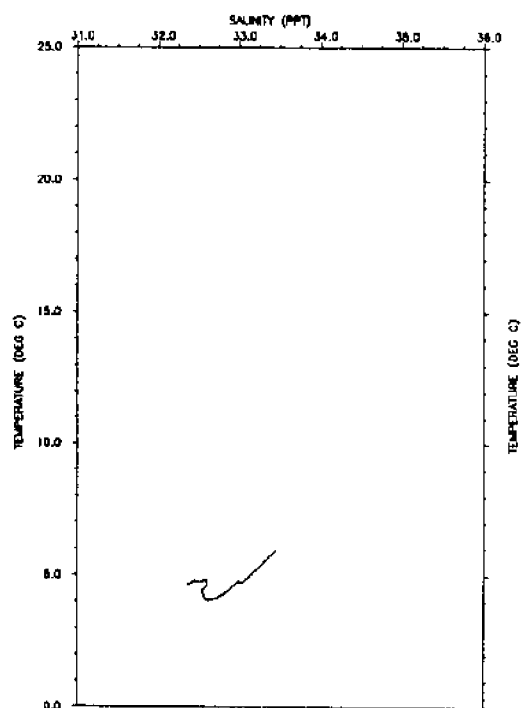
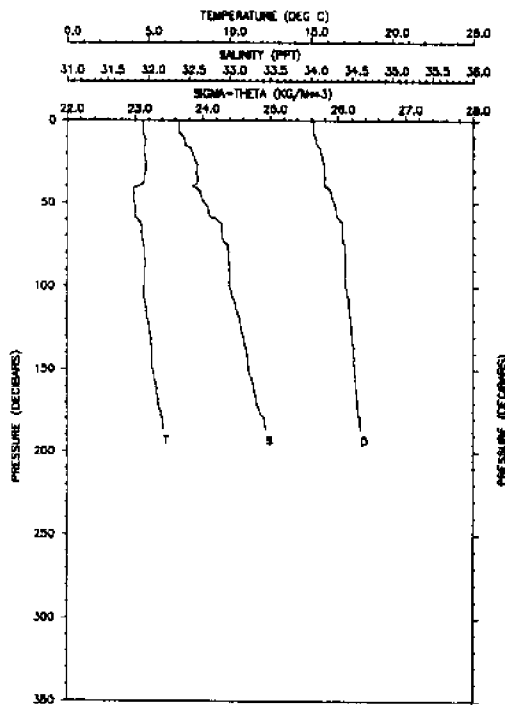
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/nt3	nt3/kg	10mt2/st2	m/sec	cph	
0.0	4.91	32.58	4.91	25.77	221.8	0.000	1467	0.69	Cruise EN159
10.0	4.95	32.60	4.95	25.78	221.0	0.022	1468	1.43	Station 23
20.0	4.57	32.58	4.57	25.80	218.8	0.044	1466	1.81	10 APR 1987
30.0	4.61	32.61	4.61	25.83	216.5	0.066	1467	2.44	0545 UTC
40.0	4.68	32.66	4.68	25.86	213.6	0.087	1467	1.40	42 29.1 N
50.0	4.63	32.66	4.62	25.86	213.1	0.109	1467	3.48	69 45.3 W
60.0	4.19	32.75	4.18	25.98	202.3	0.130	1465	3.20	Depth 274 m
70.0	4.31	32.80	4.31	26.00	199.9	0.150	1466	2.8	
80.0	4.30	32.83	4.29	26.03	197.0	0.170	1466	3.8	
90.0	4.40	32.88	4.39	26.06	194.8	0.189	1467	4.3	
100.0	4.37	32.91	4.36	26.08	192.6	0.209	1467	4.2	
110.0	4.48	32.96	4.47	26.12	189.6	0.228	1468	3.3	
120.0	4.43	32.97	4.43	26.13	188.3	0.247	1468	1.6	
130.0	4.47	32.99	4.46	26.14	187.2	0.265	1468	-0.8	
140.0	4.48	32.99	4.47	26.14	187.3	0.284	1468	-0.1	
150.0	4.51	33.01	4.50	26.15	186.3	0.303	1469	0.7	
160.0	4.54	33.02	4.53	26.16	185.8	0.321	1469	2.2	
170.0	4.72	33.09	4.71	26.19	183.3	0.340	1470	1.0	
180.0	4.82	33.11	4.80	26.20	182.4	0.358	1471	2.0	
190.0	5.05	33.18	5.04	26.23	180.2	0.376	1472	-0.8	
200.0	5.08	33.20	5.06	26.24	178.9	0.394	1472	1.5	
210.0	5.19	33.23	5.18	26.25	177.8	0.412	1473	1.5	
220.0	5.30	33.26	5.28	26.27	176.7	0.430	1473	2.1	
230.0	5.48	33.32	5.46	26.29	174.9	0.447	1474	3.2	
240.0	5.61	33.36	5.59	26.31	173.3	0.465	1475	1.8	
250.0	5.79	33.42	5.77	26.33	171.1	0.482	1476	1.6	
259.0	6.10	33.54	6.07	26.39	166.0	0.497	1478		



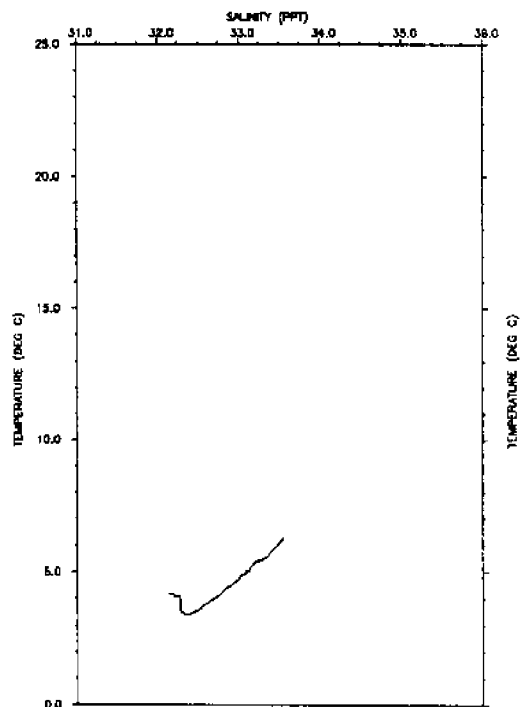
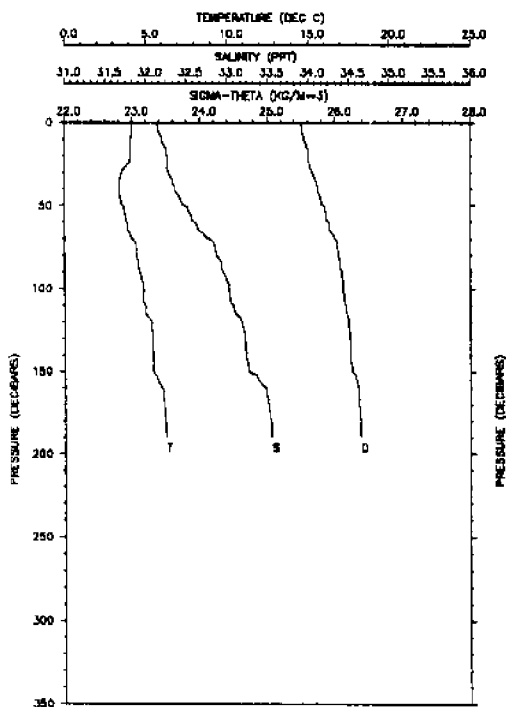
P	T	S	PT	STH	SPVA	DH	SNO V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10m ² /s ²	m/sec	cph	
0.0	4.56	32.39	4.56	25.66	232.3	0.000	1466	0.50	Cruise EN159
10.0	4.58	32.52	4.58	25.75	223.3	0.023	1466	2.66	Station 24
20.0	4.57	32.55	4.57	25.78	220.5	0.045	1466	2.28	10 APR 1987
30.0	4.52	32.57	4.52	25.80	218.6	0.067	1466	2.55	0737 UTC
40.0	4.21	32.77	4.21	25.99	200.6	0.088	1465	6.05	42 30.7 N
50.0	4.27	32.82	4.27	26.03	197.5	0.106	1466	2.52	69 29.0 W
60.0	4.14	32.84	4.13	26.05	195.2	0.128	1465	2.39	Depth 274 m
70.0	4.33	32.91	4.33	26.09	191.5	0.147	1466	1.9	
80.0	4.44	32.94	4.44	26.10	190.6	0.166	1467	1.4	
90.0	4.44	32.94	4.44	26.11	190.4	0.185	1467	-0.4	
100.0	4.60	32.99	4.59	26.13	188.7	0.204	1468	4.9	
110.0	4.81	33.04	4.80	26.14	187.0	0.223	1469	3.3	
120.0	4.95	33.08	4.94	26.16	185.4	0.241	1470	3.4	
130.0	5.23	33.17	5.22	26.20	182.2	0.260	1471	-4.6	
140.0	5.43	33.23	5.42	26.22	180.1	0.278	1473	4.9	
150.0	5.44	33.26	5.43	26.25	178.1	0.296	1473	2.5	
160.0	5.65	33.32	5.63	26.27	175.6	0.314	1474	1.3	
170.0	6.00	33.43	5.98	26.31	172.4	0.331	1476	3.5	
180.0	5.90	33.45	5.89	26.34	169.6	0.348	1475	0.5	
190.0	6.08	33.51	6.06	26.36	167.5	0.365	1476	1.5	
200.0	6.15	33.54	6.14	26.38	166.3	0.382	1477	-1.5	
210.0	6.20	33.55	6.18	26.39	165.7	0.398	1477	1.6	
220.0	6.31	33.60	6.29	26.41	164.0	0.415	1478	-1.0	
230.0	6.44	33.65	6.42	26.43	162.0	0.431	1479	2.0	
240.0	6.52	33.69	6.50	26.45	160.0	0.447	1479	2.8	
250.0	6.62	33.75	6.60	26.49	158.9	0.463	1480	3.3	
260.0	6.70	33.82	6.68	26.53	153.2	0.479	1480	5.4	
267.0	6.72	33.84	6.69	26.55	151.8	0.489	1480		



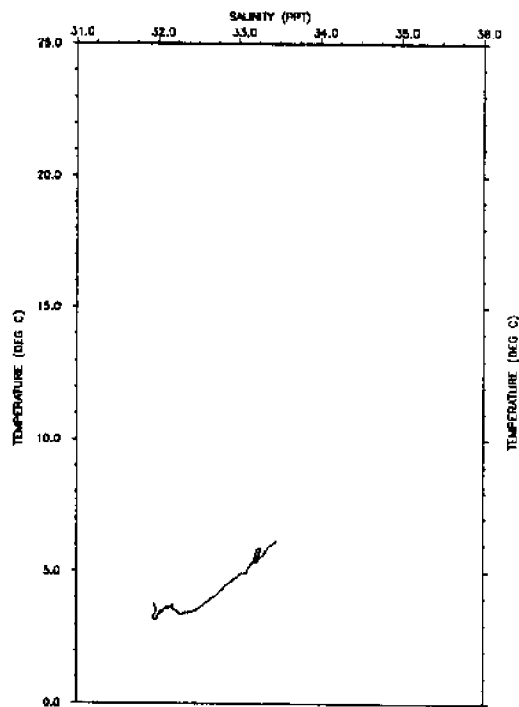
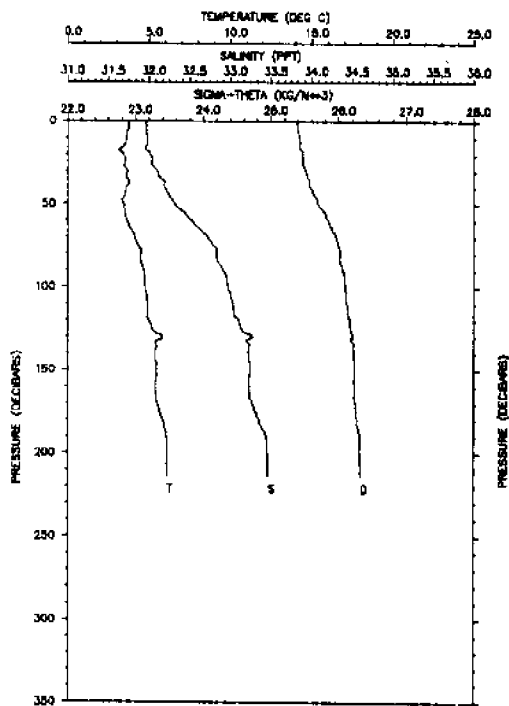
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m±2/s±2	m/sec	cph	
0.0	4.03	32.20	4.03	25.56	241.8	0.000	1463	1.50	Cruise EN159
10.0	4.01	32.20	4.01	25.56	241.7	0.024	1463	-0.66	Station 25
20.0	3.99	32.20	3.98	25.56	241.5	0.048	1463	3.24	10 APR 1987
30.0	3.71	32.28	3.71	25.85	233.1	0.072	1462	7.68	0915 UTC
40.0	4.03	32.50	4.03	25.79	219.5	0.095	1464	6.41	42 33.1 N
50.0	3.83	32.60	3.83	25.90	210.0	0.116	1464	2.08	69 15.1 W
60.0	3.96	32.67	3.96	25.93	206.4	0.137	1464	2.28	Depth 225 m
70.0	4.04	32.71	4.04	25.96	203.7	0.157	1465	6.3	
80.0	4.37	32.82	4.36	26.01	199.1	0.177	1467	3.3	
90.0	4.65	32.90	4.64	26.05	196.1	0.197	1468	2.5	
100.0	4.81	32.96	4.80	26.08	193.4	0.217	1469	0.8	
110.0	5.01	33.02	5.00	26.10	191.0	0.236	1470	1.7	
120.0	4.95	33.06	4.94	26.14	187.5	0.255	1470	1.0	
130.0	4.81	33.06	4.80	26.16	185.8	0.273	1470	2.1	
140.0	4.92	33.11	4.91	26.19	183.0	0.292	1470	-0.7	
150.0	4.97	33.13	4.96	26.20	182.1	0.310	1471	-0.9	
160.0	5.08	33.19	5.06	26.23	179.5	0.328	1471	1.4	
170.0	5.10	33.20	5.09	26.24	178.7	0.346	1472	5.4	
180.0	5.34	33.28	5.33	26.27	176.0	0.364	1473	2.9	
190.0	5.53	33.34	5.51	26.30	173.3	0.381	1474	0.4	
200.0	5.73	33.39	5.71	26.32	171.7	0.399	1475	3.8	
210.0	6.00	33.47	5.98	26.35	169.2	0.416	1476	-2.3	
212.0	6.01	33.47	5.99	26.35	169.5	0.419	1476		



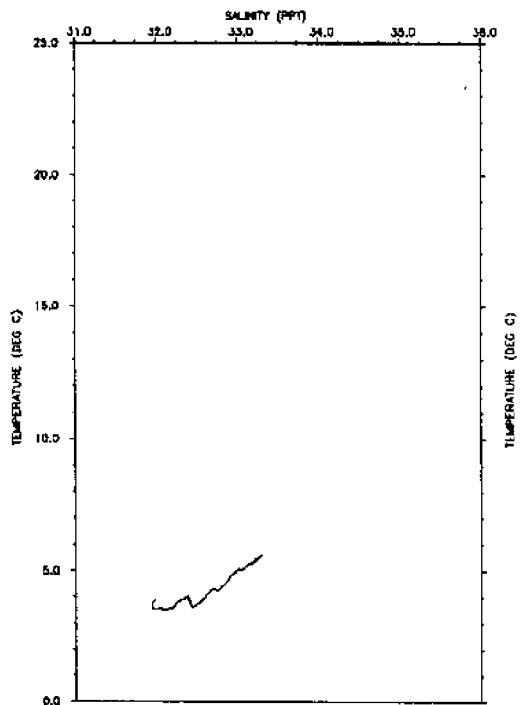
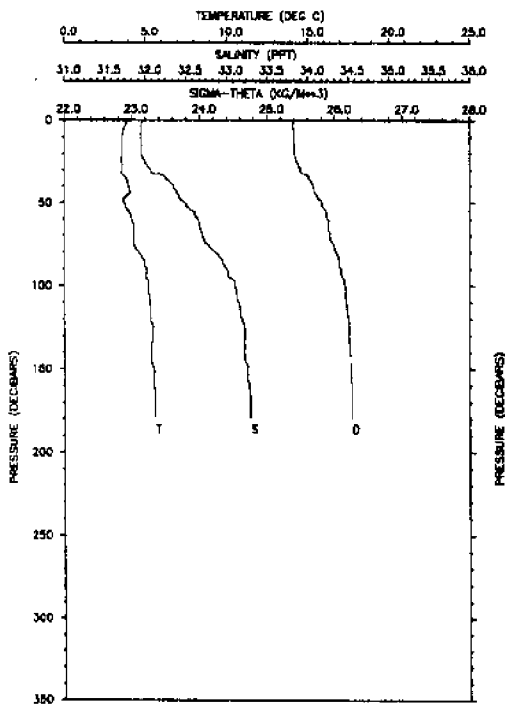
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.66	32.36	4.66	25.62	236.0	0.000	1466	5.44	Cruise EN159
10.0	4.77	32.44	4.77	25.67	231.3	0.023	1467	-0.65	Station 26
20.0	4.76	32.54	4.76	25.75	223.3	0.046	1467	4.84	10 APR 1987
30.0	4.87	32.60	4.86	25.79	220.1	0.068	1468	-3.42	1100 UTC
40.0	4.42	32.54	4.41	25.79	220.2	0.090	1466	14.74	42 34.5 N
50.0	4.13	32.70	4.13	25.94	205.5	0.111	1465	3.90	68 59.9 W
60.0	4.37	32.83	4.36	26.03	197.8	0.132	1466	8.15	Depth 192 m
70.0	4.61	32.91	4.61	26.06	194.2	0.151	1468	2.3	
80.0	4.80	32.99	4.79	26.11	190.4	0.170	1469	-2.6	
90.0	4.80	32.99	4.79	26.11	190.2	0.189	1469	2.2	
100.0	4.76	33.00	4.75	26.11	189.7	0.208	1469	3.5	
110.0	4.81	33.07	4.80	26.17	185.0	0.227	1469	3.0	
120.0	5.00	33.13	4.99	26.19	182.5	0.245	1470	0.8	
130.0	5.13	33.17	5.12	26.21	180.8	0.264	1471	3.1	
140.0	5.23	33.21	5.22	26.23	179.2	0.282	1472	2.4	
150.0	5.28	33.23	5.27	26.24	178.3	0.299	1472	3.6	
160.0	5.51	33.29	5.50	26.27	176.3	0.317	1473	-0.7	
170.0	5.61	33.33	5.59	26.29	174.6	0.335	1474	1.6	
180.0	5.88	33.43	5.86	26.33	170.7	0.352	1475	-3.5	
186.0	5.94	33.45	5.93	26.34	170.2	0.362	1476		



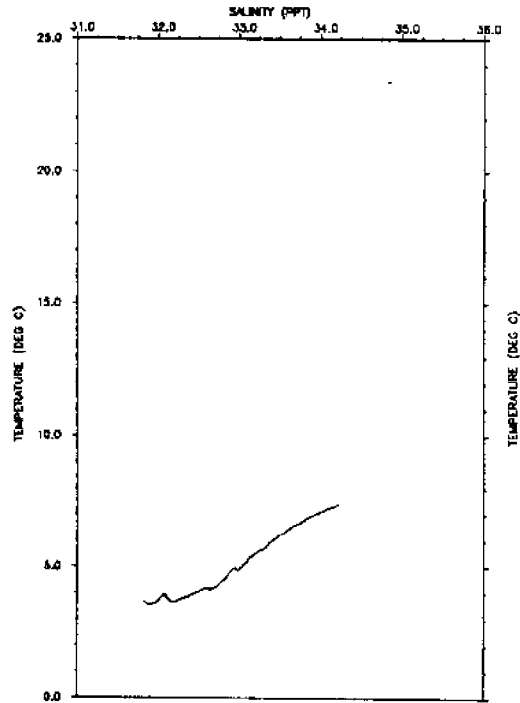
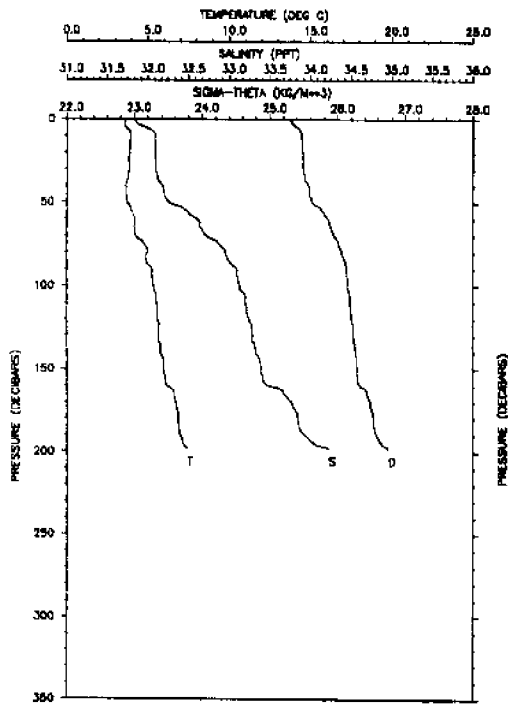
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.18	32.14	4.18	25.49	247.9	0.000	1464	4.36	Cruise EN159
10.0	4.12	32.20	4.12	25.55	242.5	0.025	1464	3.04	Station 27
20.0	4.08	32.27	4.08	25.61	237.1	0.048	1464	2.48	10 APR 1987
30.0	3.54	32.28	3.53	25.67	231.2	0.072	1462	5.06	1230 UTC
40.0	3.40	32.36	3.40	25.75	224.1	0.095	1461	2.85	42 35.5 N
50.0	3.56	32.48	3.56	25.83	216.5	0.117	1462	8.49	68 45.1 W
60.0	3.86	32.61	3.85	25.90	209.3	0.138	1464	5.70	Depth 190 m
70.0	4.23	32.79	4.23	26.01	199.5	0.159	1466	6.3	
80.0	4.46	32.88	4.45	26.05	195.3	0.178	1467	5.1	
90.0	4.65	32.96	4.65	26.10	191.4	0.198	1468	4.4	
100.0	4.91	33.03	4.90	26.12	188.8	0.216	1469	-0.5	
110.0	4.98	33.10	4.97	26.17	184.7	0.235	1470	-6.8	
120.0	5.33	33.19	5.32	26.20	182.0	0.254	1472	0.3	
130.0	5.41	33.23	5.40	26.22	180.0	0.272	1472	2.3	
140.0	5.44	33.24	5.43	26.23	179.0	0.290	1473	1.6	
150.0	5.43	33.27	5.42	26.26	177.0	0.308	1473	6.8	
160.0	5.99	33.47	5.98	26.35	168.7	0.325	1475	3.1	
170.0	6.12	33.51	6.11	26.38	167.8	0.342	1476	1.4	
180.0	6.23	33.54	6.21	26.38	166.5	0.358	1477	1.6	
189.0	6.27	33.55	6.25	26.38	166.3	0.373	1477		



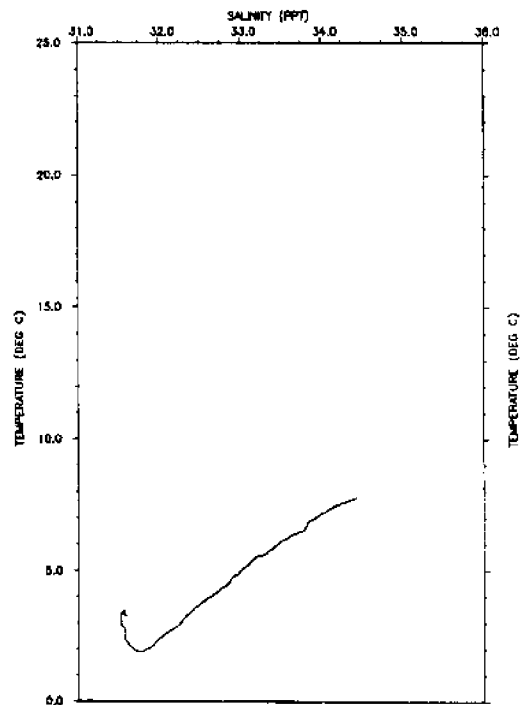
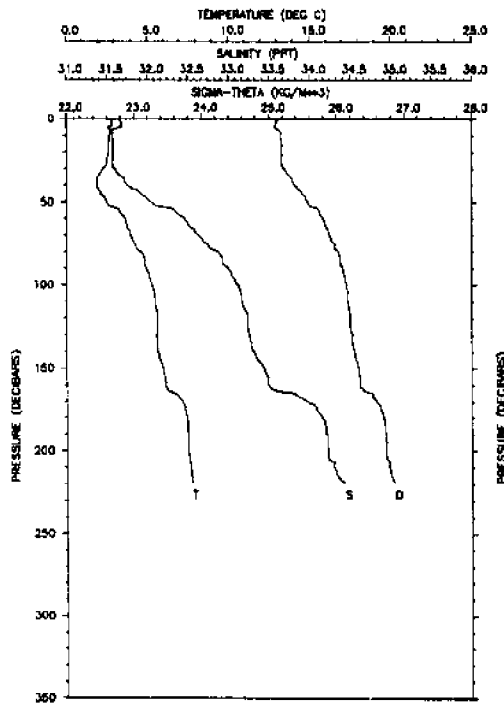
P	T	S	PT	STH	SPVA	DM	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.81	31.95	3.81	25.38	258.6	0.000	1462	3.68	Cruise EN159
10.0	3.84	31.98	3.84	25.42	255.0	0.026	1461	3.59	Station 28
20.0	3.39	32.01	3.39	25.47	250.5	0.051	1461	4.80	10 APR 1987
30.0	3.67	32.11	3.67	25.52	245.9	0.076	1462	5.19	1407 UTC
40.0	3.58	32.19	3.58	25.59	238.7	0.100	1462	7.00	42 35.0 N
50.0	3.40	32.31	3.40	25.70	228.1	0.123	1461	6.30	68 30.1 W
60.0	3.66	32.52	3.65	25.85	214.2	0.146	1463	4.85	Depth 218 m
70.0	4.12	32.72	4.11	25.96	203.9	0.166	1465	3.4	
80.0	4.51	32.84	4.50	26.02	198.6	0.186	1467	-0.2	
90.0	4.65	32.91	4.65	26.06	194.9	0.206	1468	6.4	
100.0	4.77	32.97	4.76	26.09	191.7	0.225	1469	1.9	
110.0	4.94	33.03	4.93	26.12	189.1	0.245	1470	3.3	
120.0	5.01	33.10	5.00	26.17	184.6	0.263	1470	-4.0	
130.0	5.85	33.28	5.84	26.21	181.0	0.282	1474	-10.9	
140.0	5.37	33.22	5.36	26.22	179.9	0.300	1472	2.0	
150.0	5.49	33.24	5.48	26.23	180.0	0.318	1473	-0.9	
160.0	5.40	33.23	5.39	26.23	179.9	0.336	1473	-1.2	
170.0	5.53	33.27	5.52	26.25	178.2	0.354	1473	3.4	
180.0	5.87	33.36	5.86	26.27	175.9	0.371	1475	-2.6	
190.0	6.10	33.45	6.08	26.31	172.3	0.389	1476	1.9	
200.0	6.14	33.46	6.12	26.32	171.8	0.406	1477	1.8	
210.0	6.15	33.47	6.13	26.32	171.7	0.423	1477	-1.2	
214.0	6.15	33.47	6.13	26.32	171.8	0.430	1477		



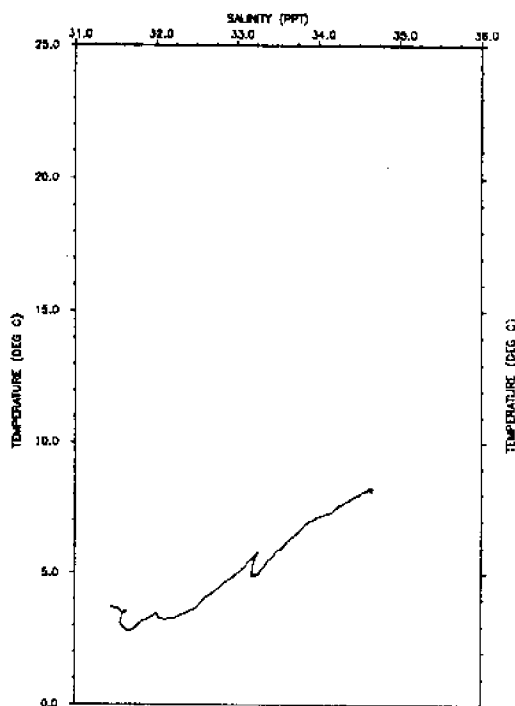
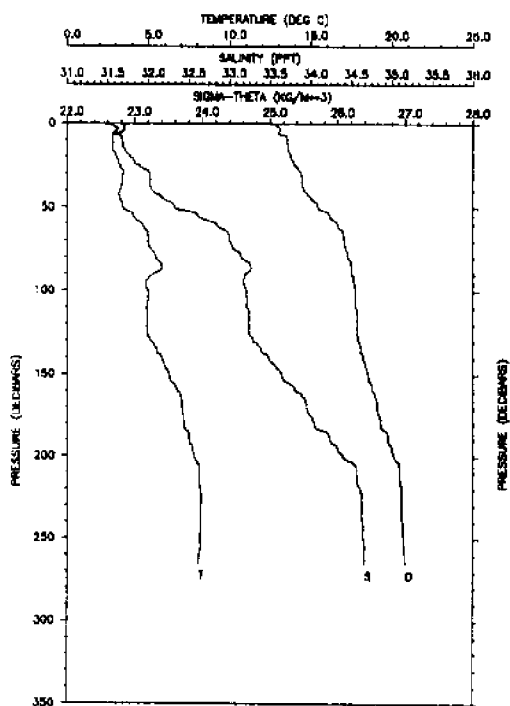
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	3.91	31.99	3.91	25.40	256.7	0.000	1462	-4.84	Cruise EN159
10.0	3.59	31.95	3.59	25.40	256.8	0.026	1461	1.61	Station 29
20.0	3.57	31.95	3.57	25.40	256.4	0.051	1461	3.41	10 APR 1987
30.0	3.59	32.06	3.59	25.49	248.4	0.077	1462	4.41	1522 UTC
40.0	3.96	32.35	3.96	25.68	230.1	0.100	1464	3.52	42 34.5 N
50.0	3.72	32.49	3.72	25.82	217.1	0.123	1463	1.72	68 15.1 W
60.0	4.18	32.65	4.17	25.90	209.8	0.144	1465	3.77	Depth 190 m
70.0	4.32	32.71	4.31	25.93	206.8	0.165	1466	1.5	
80.0	4.56	32.85	4.56	26.02	198.2	0.185	1467	5.6	
90.0	5.05	33.00	5.04	26.09	192.4	0.205	1470	4.6	
100.0	5.17	33.10	5.16	26.15	186.4	0.224	1471	3.2	
110.0	5.28	33.15	5.28	26.18	183.7	0.242	1471	-0.4	
120.0	5.31	33.18	5.31	26.20	181.8	0.261	1472	3.2	
130.0	5.47	33.22	5.46	26.21	180.9	0.279	1473	1.6	
140.0	5.37	33.22	5.36	26.22	180.1	0.297	1472	1.5	
150.0	5.54	33.27	5.53	26.24	178.6	0.315	1473	0.6	
160.0	5.54	33.28	5.53	26.25	178.0	0.333	1473	1.5	
170.0	5.61	33.29	5.59	26.25	177.5	0.350	1474	-1.5	
179.0	5.62	33.30	5.61	26.26	177.5	0.366	1474		



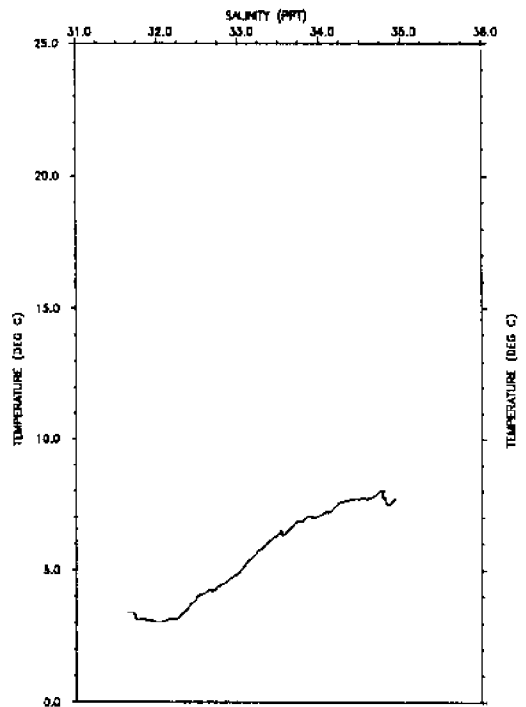
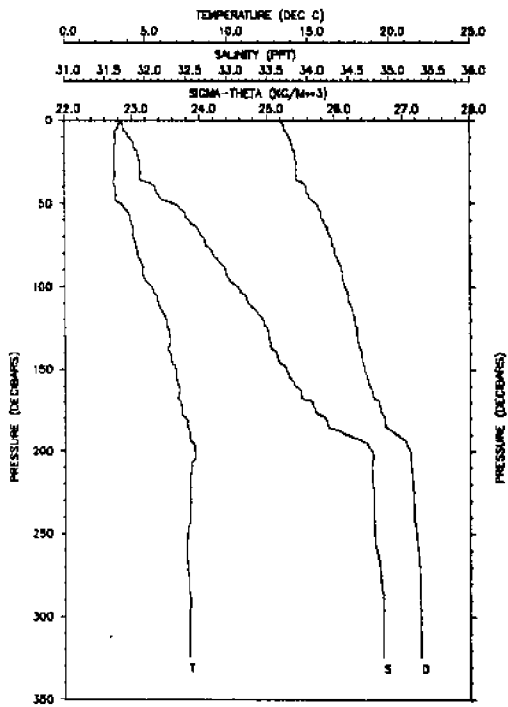
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st+2	m/sec	cph	
0.0	3.69	31.82	3.69	25.28	267.7	0.000	1461	7.85	Cruise EN159
10.0	3.95	32.08	3.95	25.47	250.0	0.026	1463	3.30	Station 30
20.0	3.91	32.09	3.91	25.48	248.9	0.051	1463	-0.39	10 APR 1987
30.0	3.86	32.10	3.86	25.49	247.9	0.075	1463	1.63	1645 UTC
40.0	3.64	32.18	3.64	25.57	240.4	0.100	1462	5.49	42 33.5 N
50.0	3.75	32.26	3.75	25.63	235.0	0.124	1463	8.63	67 59.9 W
60.0	4.19	32.60	4.19	25.86	213.4	0.146	1465	7.66	Depth 203 m
70.0	4.26	32.72	4.26	25.95	205.3	0.167	1466	6.3	
80.0	5.02	32.96	5.01	26.06	195.1	0.187	1470	4.4	
90.0	5.22	33.09	5.21	26.14	187.6	0.206	1471	1.1	
100.0	5.32	33.13	5.32	26.15	186.2	0.225	1471	-0.3	
110.0	5.56	33.20	5.55	26.19	183.3	0.243	1472	2.5	
120.0	5.62	33.24	5.61	26.21	181.2	0.261	1473	3.6	
130.0	5.67	33.28	5.66	26.24	178.6	0.279	1473	2.0	
140.0	5.77	33.33	5.75	26.26	176.6	0.297	1474	3.0	
150.0	5.98	33.39	5.97	26.29	174.4	0.315	1475	1.0	
160.0	6.20	33.49	6.19	26.34	169.9	0.332	1476	11.0	
170.0	6.72	33.77	6.71	26.49	155.5	0.348	1479	-0.6	
180.0	6.88	33.85	6.87	26.53	152.4	0.363	1480	1.1	
190.0	7.01	33.93	6.99	26.58	147.7	0.379	1480	6.5	
198.0	7.41	34.22	7.40	26.75	131.7	0.390	1483		



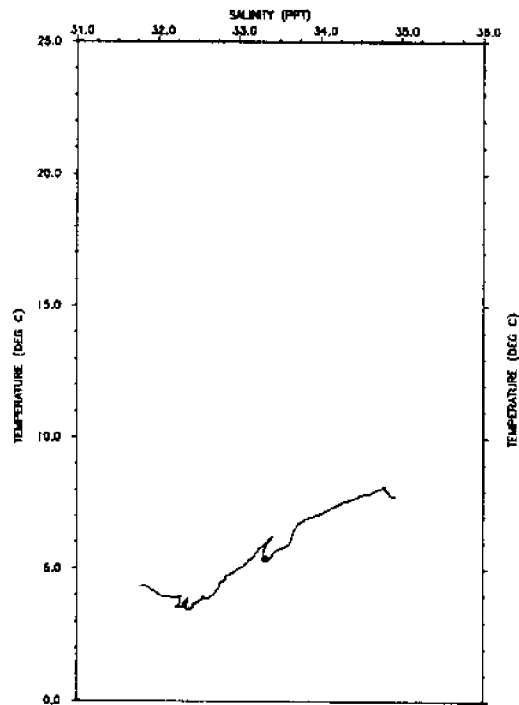
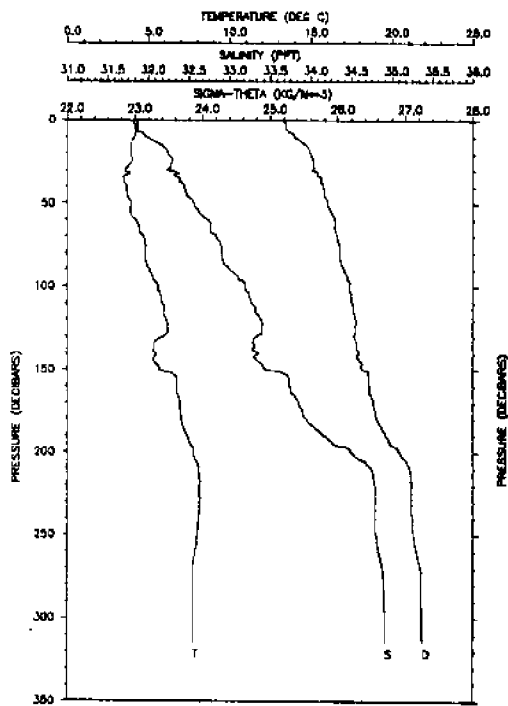
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.24	31.59	3.24	25.14	281.2	0.000	1459	-7.28	Cruise EN159
10.0	2.68	31.57	2.68	25.18	278.0	0.028	1457	3.03	Station 31
20.0	2.60	31.58	2.60	25.19	276.9	0.056	1457	2.75	10 APR 1987
30.0	2.27	31.60	2.27	25.23	273.3	0.084	1455	7.49	1822 UTC
40.0	1.90	31.76	1.89	25.38	258.4	0.110	1454	8.82	42 32.4 N
50.0	2.53	32.06	2.53	25.57	240.3	0.135	1457	4.75	67 44.9 W
60.0	3.63	32.46	3.63	25.81	218.5	0.158	1463	4.54	Depth 228 m
70.0	3.98	32.62	3.98	25.90	209.8	0.179	1465	6.5	
80.0	4.62	32.87	4.62	26.03	197.5	0.200	1468	3.6	
90.0	4.96	32.99	4.95	26.09	191.9	0.219	1469	5.0	
100.0	5.28	33.11	5.27	26.15	186.7	0.238	1471	1.5	
110.0	5.48	33.17	5.47	26.17	184.8	0.257	1472	2.3	
120.0	5.61	33.23	5.60	26.20	181.9	0.275	1473	3.0	
130.0	5.57	33.25	5.56	26.23	179.7	0.293	1473	3.1	
140.0	5.65	33.31	5.64	26.26	176.6	0.311	1474	5.3	
150.0	5.97	33.44	5.96	26.33	170.6	0.328	1475	2.4	
160.0	6.12	33.49	6.11	26.35	169.0	0.345	1476	4.9	
170.0	7.13	33.98	7.12	26.60	145.5	0.361	1481	4.8	
180.0	7.45	34.15	7.43	26.69	137.0	0.375	1482	4.5	
190.0	7.50	34.21	7.49	26.73	133.4	0.388	1483	-2.5	
200.0	7.53	34.22	7.51	26.73	133.4	0.402	1483	-0.9	
210.0	7.63	34.29	7.60	26.78	129.6	0.415	1484	6.5	
219.0	7.77	34.43	7.75	26.86	121.7	0.426	1485		



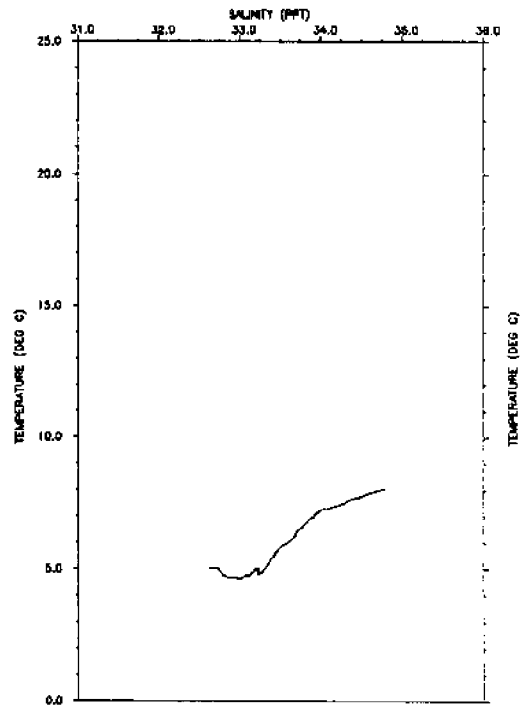
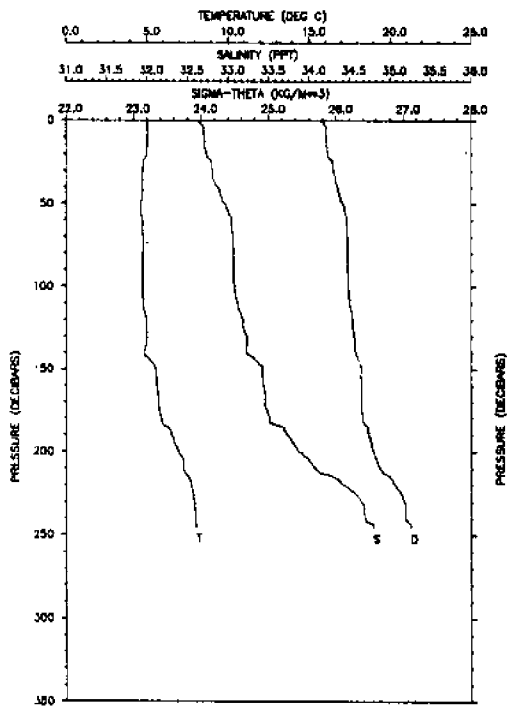
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.73	31.43	3.73	24.97	297.3	0.000	1461	17.56	Cruise EN159
10.0	2.80	31.68	2.80	25.25	271.0	0.028	1457	-2.27	Station 32
20.0	3.05	31.78	3.04	25.31	265.3	0.055	1459	5.46	10 APR 1987
30.0	3.45	32.02	3.45	25.46	250.7	0.081	1461	2.87	2107 UTC
40.0	3.27	32.05	3.27	25.51	246.9	0.106	1460	7.64	42 32.0 N
50.0	3.43	32.32	3.43	25.71	227.8	0.129	1462	8.70	67 27.4 W
60.0	4.63	32.84	4.62	26.00	199.9	0.150	1467	4.71	Depth 280 m
70.0	5.00	33.00	4.99	26.00	191.4	0.170	1469	3.4	
80.0	5.48	33.15	5.47	26.16	185.8	0.189	1472	4.6	
90.0	5.29	33.19	5.29	26.21	181.0	0.207	1471	7.9	
100.0	4.98	33.21	4.98	26.26	176.1	0.225	1470	-2.2	
110.0	4.91	33.21	4.90	26.27	175.1	0.242	1470	5.4	
120.0	4.95	33.24	4.95	26.29	173.6	0.260	1470	1.4	
130.0	5.13	33.29	5.12	26.31	171.8	0.277	1471	8.6	
140.0	5.83	33.48	5.82	26.38	165.7	0.294	1474	3.6	
150.0	6.27	33.64	6.25	26.45	159.1	0.310	1477	2.6	
160.0	6.79	33.82	6.77	26.52	152.8	0.326	1479	9.2	
170.0	7.08	33.95	7.07	26.58	147.0	0.341	1480	3.0	
180.0	7.20	34.04	7.18	26.64	142.0	0.355	1481	2.0	
190.0	7.55	34.25	7.53	26.75	131.7	0.369	1483	-1.4	
200.0	7.83	34.39	7.81	26.83	124.9	0.381	1484	7.1	
210.0	8.14	34.57	8.12	26.92	116.6	0.393	1486	2.5	
220.0	8.22	34.61	8.20	26.94	114.6	0.405	1486	-1.7	
230.0	8.25	34.63	8.23	26.95	114.1	0.416	1487	2.2	
240.0	8.23	34.64	8.21	26.96	113.2	0.428	1487	2.2	
250.0	8.19	34.65	8.17	26.97	112.1	0.439	1487	1.8	
260.0	8.12	34.66	8.10	26.99	110.6	0.450	1487	-0.9	
265.0	8.09	34.66	8.07	27.00	109.8	0.456	1487		



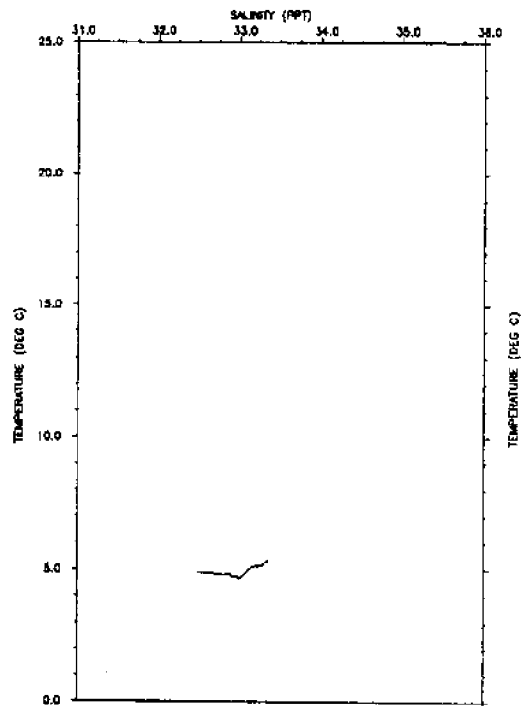
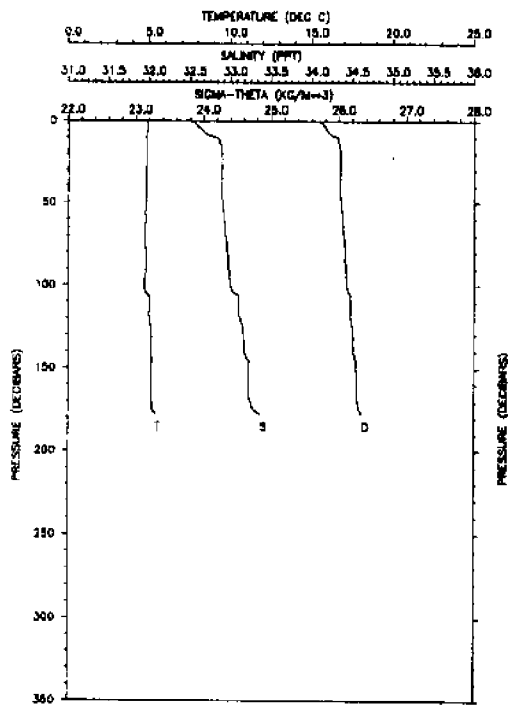
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.40	31.64	3.40	25.17	278.8	0.000	1460	11.27	Cruise EN159
10.0	3.16	31.80	3.16	25.32	264.5	0.027	1459	6.46	Station 33
20.0	3.10	31.91	3.10	25.41	256.0	0.053	1459	2.00	10 APR 1987
30.0	3.12	31.94	3.12	25.43	254.1	0.078	1459	-2.18	2245 UTC
40.0	3.13	32.13	3.13	25.58	239.7	0.104	1460	2.78	42 31.1 N
50.0	3.45	32.34	3.45	25.73	226.0	0.127	1462	8.82	67 13.0 W
60.0	4.06	32.54	4.06	25.82	217.1	0.149	1465	5.91	Depth 332 m
70.0	4.25	32.71	4.25	25.94	206.0	0.170	1466	4.9	
80.0	4.51	32.83	4.51	26.01	199.9	0.191	1467	2.9	
90.0	4.83	32.98	4.82	26.09	191.8	0.210	1469	4.6	
100.0	5.36	33.13	5.36	26.15	186.3	0.229	1471	6.4	
110.0	5.78	33.27	5.77	26.22	180.5	0.248	1473	5.1	
120.0	6.27	33.45	6.26	26.30	173.3	0.265	1476	1.9	
130.0	6.47	33.52	6.46	26.32	170.9	0.282	1477	-0.9	
140.0	6.49	33.61	6.47	26.39	164.6	0.299	1477	2.3	
150.0	6.87	33.74	6.85	26.45	159.7	0.315	1479	2.6	
160.0	7.00	33.84	6.98	26.51	153.6	0.331	1480	7.4	
170.0	7.18	34.05	7.17	26.65	141.0	0.346	1481	2.6	
180.0	7.47	34.22	7.45	26.74	132.6	0.360	1482	0.9	
190.0	7.71	34.48	7.69	26.91	116.6	0.373	1484	11.6	
200.0	8.01	34.79	7.99	27.11	98.2	0.383	1486	4.0	
210.0	7.82	34.78	7.80	27.13	96.0	0.393	1485	2.3	
220.0	7.76	34.80	7.74	27.16	94.1	0.402	1485	0.9	
230.0	7.75	34.81	7.73	27.17	93.3	0.412	1485	1.3	
240.0	7.72	34.81	7.69	27.17	92.7	0.421	1485	0.8	
250.0	7.57	34.82	7.54	27.20	90.1	0.430	1485	2.6	
260.0	7.51	34.85	7.48	27.23	87.8	0.439	1485	3.1	
270.0	7.57	34.89	7.55	27.25	85.9	0.448	1485	0.7	
280.0	7.60	34.90	7.58	27.26	85.3	0.456	1485	-2.1	
290.0	7.76	34.94	7.73	27.26	85.2	0.465	1486	-0.9	
300.0	7.67	34.93	7.64	27.28	84.3	0.473	1486	-1.1	
310.0	7.67	34.93	7.64	27.28	84.4	0.482	1486	0.4	
320.0	7.67	34.93	7.64	27.28	84.6	0.490	1486	-1.4	
324.0	7.67	34.93	7.64	27.27	84.8	0.493	1486		



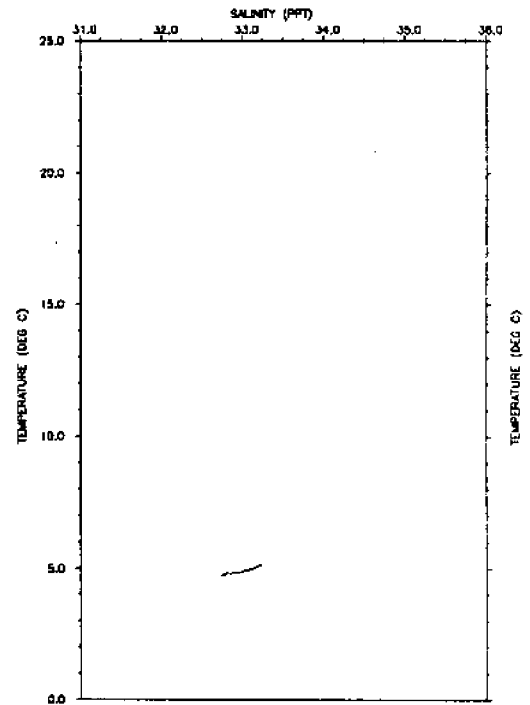
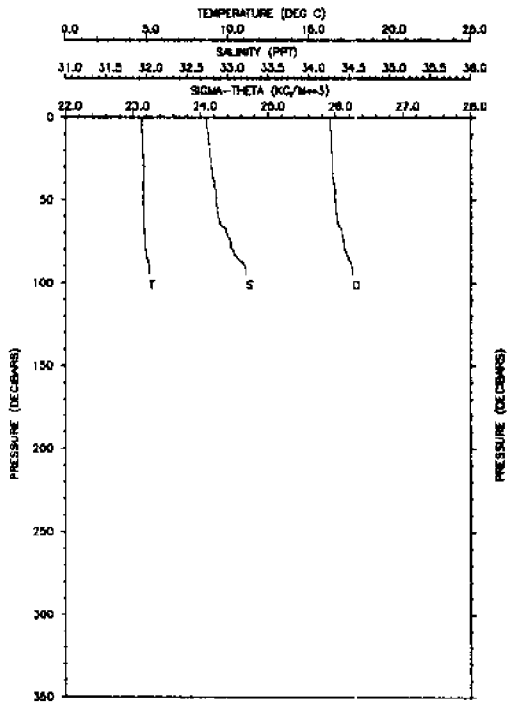
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	4.35	31.77	4.35	25.19	277.0	0.000	1464	7.97	Cruise EN159
10.0	4.13	31.97	4.13	25.36	260.4	0.027	1463	11.76	Station 34
20.0	3.95	32.24	3.95	25.60	238.1	0.052	1463	4.86	11 APR 1987
30.0	3.55	32.23	3.55	25.62	235.7	0.075	1462	17.03	0037 UTC
40.0	3.87	32.44	3.67	25.78	221.0	0.098	1463	6.29	42 21.6 N
50.0	3.99	32.57	3.99	25.85	214.0	0.119	1464	-2.67	67 11.4 W
60.0	4.21	32.74	4.21	25.97	203.4	0.140	1466	2.52	Depth 321 m
70.0	4.73	32.84	4.72	25.99	201.2	0.161	1468	4.4	
80.0	4.85	32.91	4.84	26.03	197.2	0.180	1469	-0.7	
90.0	5.04	33.00	5.03	26.09	192.4	0.200	1470	9.2	
100.0	5.00	33.19	5.59	26.17	184.3	0.219	1472	1.3	
110.0	5.86	33.28	5.85	26.21	180.8	0.237	1474	4.4	
120.0	6.14	33.40	6.13	26.27	175.6	0.255	1475	-5.1	
130.0	5.92	33.34	5.91	26.25	177.6	0.272	1474	2.5	
140.0	5.49	33.36	5.48	26.32	170.8	0.290	1473	-10.0	
150.0	5.67	33.44	5.66	26.36	167.1	0.307	1474	18.6	
160.0	6.74	33.74	6.73	26.47	157.9	0.323	1479	4.6	
170.0	6.95	33.86	6.94	26.53	152.3	0.338	1480	2.8	
180.0	7.05	33.94	7.03	26.58	147.2	0.353	1480	6.1	
190.0	7.40	34.18	7.38	26.72	134.9	0.367	1482	7.8	
200.0	7.83	34.51	7.81	26.92	116.3	0.380	1485	7.0	
210.0	8.10	34.75	8.08	27.07	102.6	0.391	1486	4.4	
220.0	8.17	34.79	8.15	27.09	100.5	0.401	1486	-0.7	
230.0	8.17	34.79	8.14	27.09	100.8	0.411	1487	2.8	
240.0	8.10	34.80	8.07	27.10	99.6	0.421	1487	1.6	
250.0	8.03	34.81	8.01	27.12	98.1	0.431	1486	4.6	
260.0	7.91	34.84	7.88	27.17	93.8	0.440	1486	3.5	
270.0	7.78	34.89	7.73	27.22	88.6	0.450	1486	2.6	
280.0	7.77	34.90	7.74	27.23	87.8	0.458	1486	0.9	
290.0	7.78	34.90	7.75	27.24	87.8	0.467	1486	1.6	
300.0	7.77	34.91	7.74	27.24	87.3	0.476	1486	-0.4	
310.0	7.75	34.92	7.72	27.25	87.0	0.485	1487	0.5	
314.0	7.75	34.92	7.71	27.25	86.9	0.488	1487		



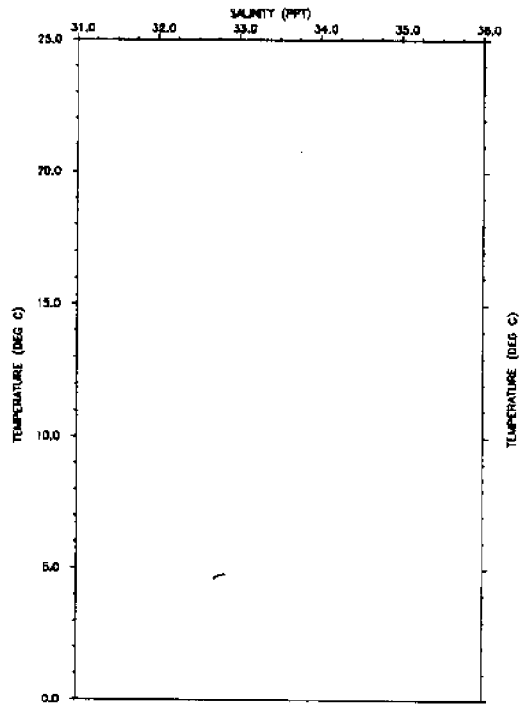
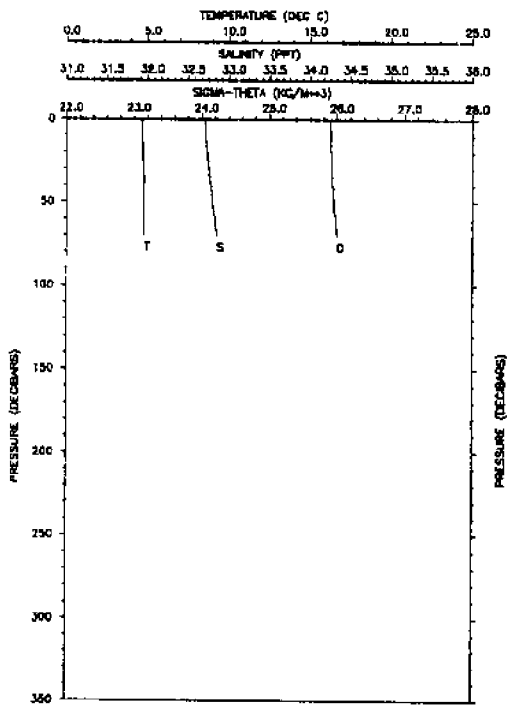
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	5.04	32.62	5.04	25.78	220.4	0.000	1468	7.66	Cruise EN159
10.0	5.04	32.71	5.04	25.85	213.6	0.021	1468	-0.67	Station 35
20.0	5.01	32.73	5.01	25.88	211.5	0.043	1468	4.85	11 APR 1987
30.0	4.75	32.81	4.75	25.96	203.3	0.063	1467	2.58	0137 UTC
40.0	4.70	32.88	4.69	26.03	197.4	0.084	1467	4.02	42 16.3 N
50.0	4.67	32.96	4.66	26.09	191.2	0.103	1468	7.26	67 10.7 W
60.0	4.72	33.04	4.72	26.16	185.5	0.122	1468	2.27	Depth 262 m
70.0	4.77	33.07	4.76	26.17	184.2	0.140	1468	-0.8	
80.0	4.76	33.07	4.75	26.17	184.0	0.159	1469	-0.9	
90.0	4.73	33.07	4.72	26.18	183.5	0.177	1469	1.3	
100.0	4.72	33.08	4.71	26.18	183.1	0.195	1469	2.2	
110.0	4.79	33.12	4.78	26.21	181.2	0.214	1469	2.4	
120.0	4.97	33.19	4.96	26.25	177.4	0.232	1470	-3.7	
130.0	5.00	33.22	4.99	26.27	175.7	0.249	1471	5.5	
140.0	4.82	33.22	4.81	26.29	174.0	0.267	1470	5.5	
150.0	5.54	33.42	5.53	26.36	167.0	0.284	1473	-1.8	
160.0	5.62	33.44	5.61	26.36	167.0	0.300	1474	4.0	
170.0	5.70	33.45	5.68	26.37	166.5	0.317	1474	2.6	
180.0	5.87	33.51	5.85	26.39	164.7	0.334	1475	-0.7	
190.0	6.50	33.73	6.49	26.49	156.3	0.350	1478	5.7	
200.0	6.92	33.87	6.91	26.54	151.4	0.365	1480	8.5	
210.0	7.28	34.07	7.26	26.65	141.5	0.380	1482	7.8	
220.0	7.71	34.44	7.69	26.88	120.4	0.393	1484	8.2	
230.0	7.92	34.65	7.90	27.01	107.8	0.404	1486	6.7	
240.0	7.98	34.69	7.96	27.04	105.9	0.414	1486	4.8	
245.0	8.04	34.79	8.02	27.10	99.7	0.420	1486		



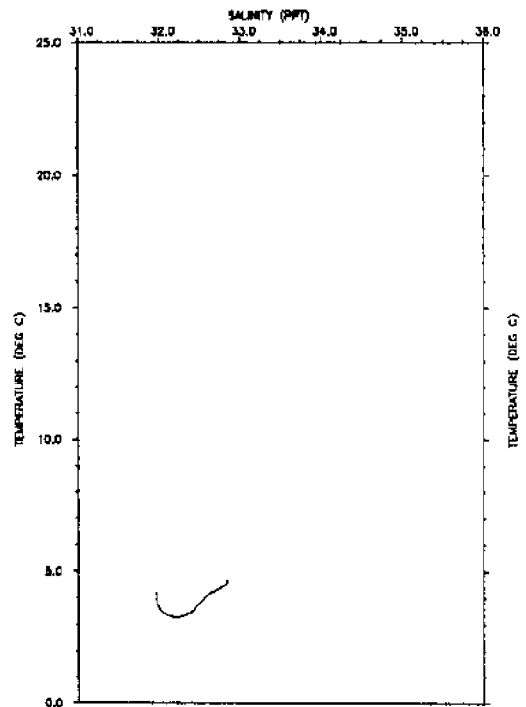
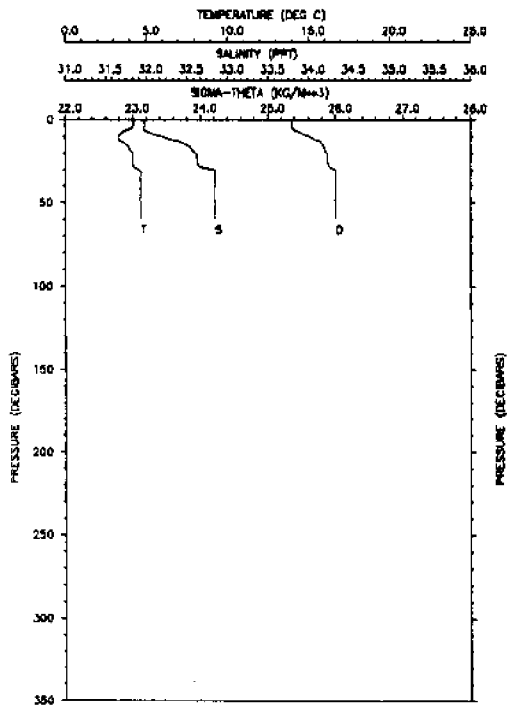
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.88	32.50	4.88	25.70	227.7	0.000	1467	12.35	Cruise EN159
10.0	4.83	32.83	4.82	25.97	202.5	0.022	1467	8.28	Station 36
20.0	4.84	32.89	4.84	26.02	197.8	0.042	1468	0.73	11 APR 1987
30.0	4.83	32.89	4.82	26.02	197.7	0.061	1468	1.08	0230 UTC
40.0	4.82	32.89	4.82	26.03	197.6	0.081	1468	-0.61	42 12.0 N
50.0	4.80	32.90	4.80	26.03	197.1	0.101	1468	2.59	67 10.5 W
60.0	4.77	32.92	4.77	26.05	195.5	0.121	1468	2.78	Depth 184 m
70.0	4.73	32.94	4.72	26.07	193.4	0.140	1468	3.5	
80.0	4.78	32.96	4.76	26.09	192.3	0.159	1468	1.8	
90.0	4.77	32.97	4.76	26.10	191.4	0.178	1469	4.0	
100.0	4.68	32.99	4.67	26.12	189.0	0.197	1468	2.8	
110.0	5.01	33.10	5.00	26.17	184.6	0.216	1470	1.4	
120.0	5.10	33.11	5.00	26.18	183.8	0.234	1470	3.2	
130.0	5.10	33.16	5.09	26.21	181.6	0.253	1471	2.7	
140.0	5.11	33.17	5.10	26.21	180.8	0.271	1471	0.8	
150.0	5.13	33.23	5.12	26.26	177.0	0.289	1471	2.0	
160.0	5.12	33.23	5.11	26.26	178.9	0.306	1472	-0.6	
170.0	5.14	33.25	5.13	26.27	175.7	0.324	1472	4.1	
178.0	5.36	33.36	5.35	26.34	169.7	0.338	1473		



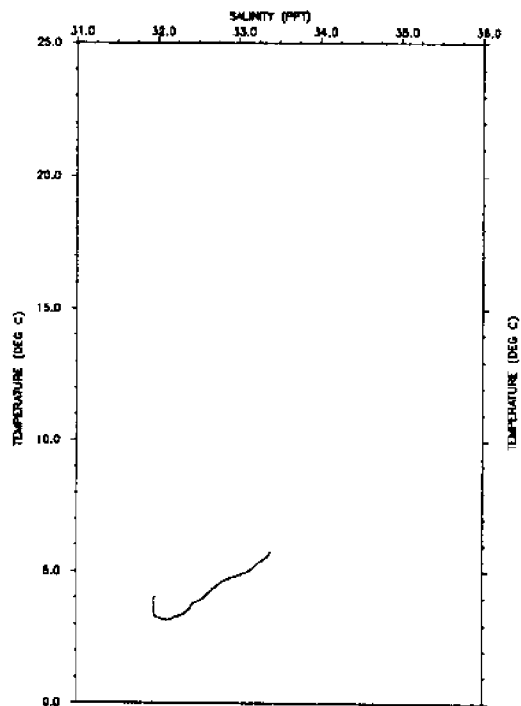
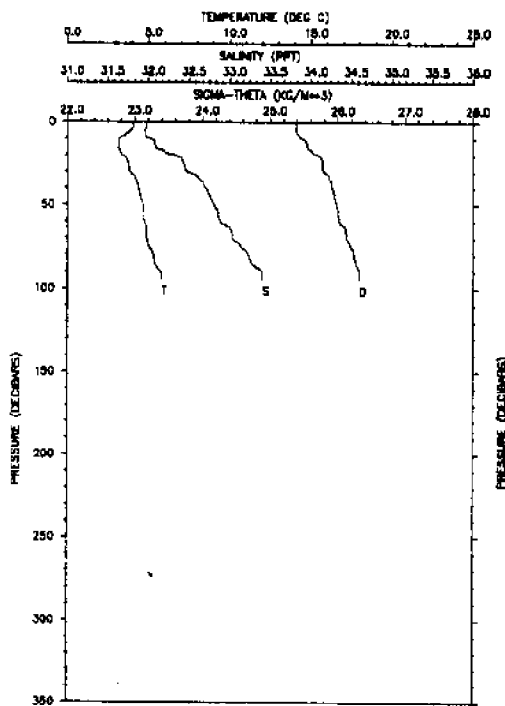
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	n/sec	cph	
0.0	4.72	32.74	4.72	25.92	207.6	0.000	1467	-1.46	Cruise EN159
10.0	4.76	32.76	4.76	25.93	206.7	0.021	1467	0.64	Station 37
20.0	4.80	32.78	4.80	25.94	205.7	0.041	1467	1.82	11 APR 1987
30.0	4.83	32.80	4.83	25.95	204.8	0.062	1468	4.15	0307 UTC
40.0	4.82	32.83	4.82	25.98	202.2	0.082	1468	4.25	42 9.6 N
50.0	4.81	32.86	4.81	26.00	200.3	0.102	1468	1.04	67 10.3 W
60.0	4.84	32.89	4.84	26.02	198.1	0.122	1468	2.13	Depth 110 m
70.0	4.88	32.99	4.88	26.09	191.6	0.142	1469	4.2	
80.0	4.96	33.06	4.96	26.14	187.1	0.161	1469	5.3	
90.0	5.16	33.21	5.16	26.24	177.8	0.179	1471	5.0	
94.0	5.17	33.23	5.16	26.25	176.6	0.186	1471		



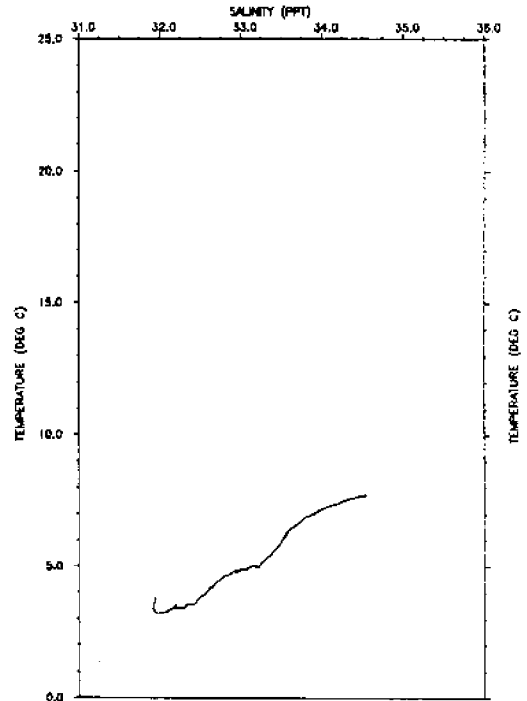
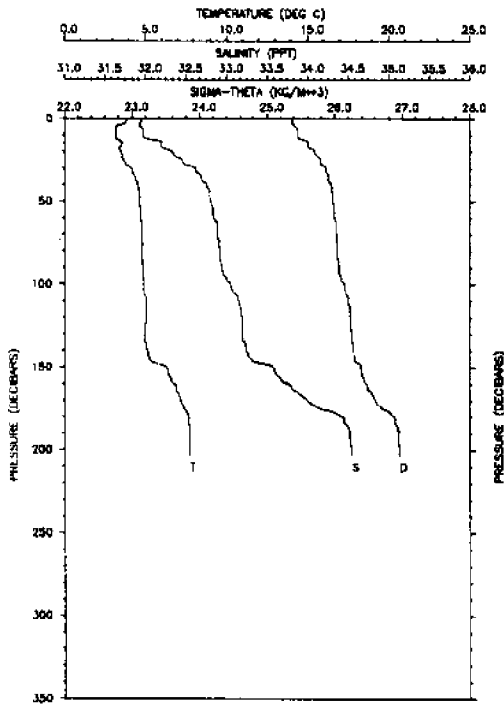
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.63	32.71	4.63	25.90	209.4	0.000	1466	2.67	Cruise EN159
10.0	4.66	32.72	4.66	25.90	209.0	0.021	1467	0.71	Station 38
20.0	4.70	32.74	4.70	25.92	207.9	0.042	1467	1.50	11 APR 1987
30.0	4.74	32.76	4.73	25.93	206.7	0.063	1467	1.59	0337 UTC
40.0	4.77	32.77	4.77	25.93	206.3	0.083	1468	3.65	42 8.3 N
50.0	4.79	32.80	4.78	25.95	204.6	0.104	1468	2.09	67 10.1 W
60.0	4.79	32.83	4.79	25.98	202.1	0.124	1468	2.03	Depth 75 m
70.0	4.80	32.85	4.80	26.00	200.8	0.144	1468		



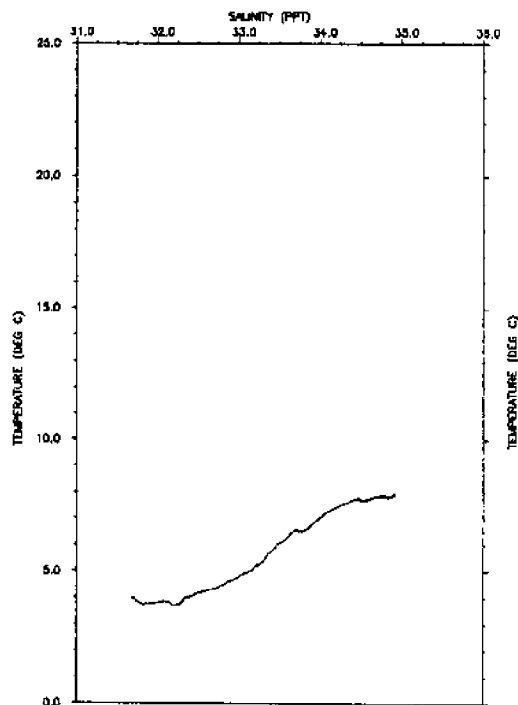
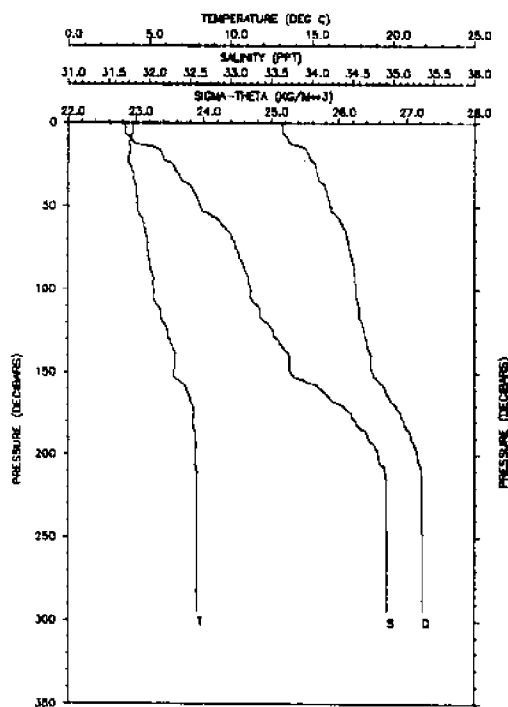
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/s²	m/sec	cph	
0.0	4.24	31.95	4.24	25.34	262.9	0.000	1464	5.86	Cruise EN159
10.0	3.29	32.18	3.29	25.61	236.7	0.026	1460	11.78	Station 39
20.0	4.15	32.61	4.15	25.87	211.9	0.048	1465	3.50	11 APR 1987
30.0	4.53	32.83	4.53	26.01	199.0	0.069	1467	-1.90	0515 UTC
40.0	4.68	32.85	4.67	26.01	199.5	0.089	1467	-2.63	42 7.2 N
50.0	4.67	32.85	4.67	26.01	199.5	0.109	1467	-1.49	66 46.3 W
59.0	4.67	32.85	4.67	26.01	199.7	0.126	1468		Depth 65 m



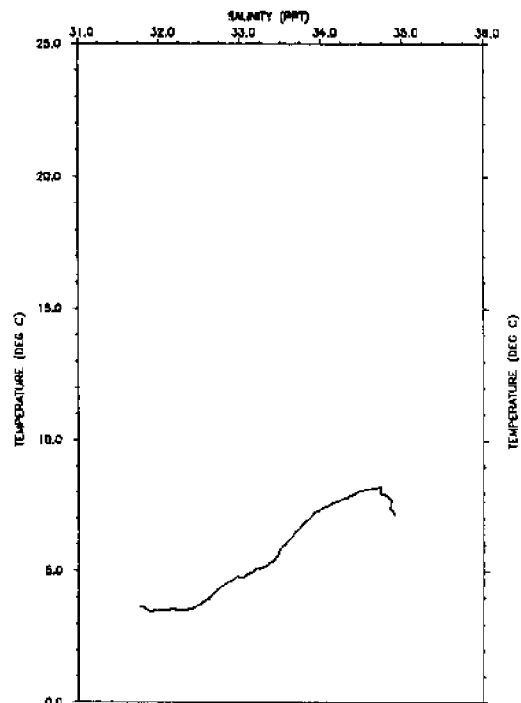
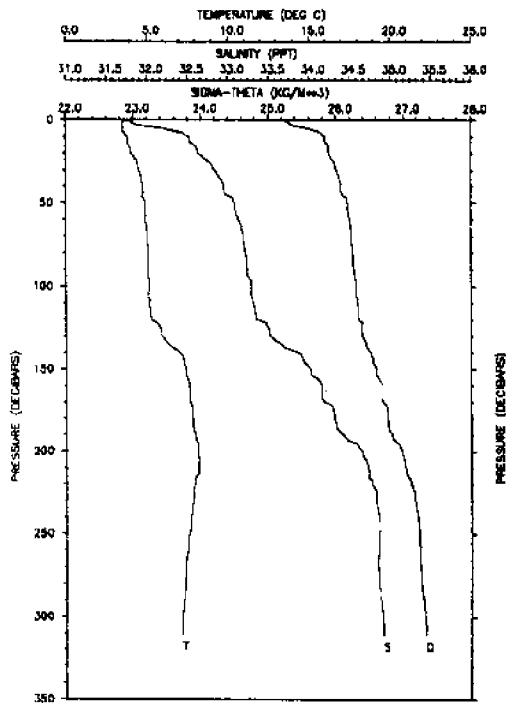
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.05	31.97	4.05	25.37	259.2	0.000	1463	3.46	Cruise EN159
10.0	3.26	32.01	3.26	25.48	249.4	0.028	1460	12.18	Station 40
20.0	3.40	32.33	3.40	25.72	226.5	0.050	1461	9.62	11 APR 1987
30.0	3.85	32.47	3.85	25.79	219.6	0.072	1463	11.24	0552 UTC
40.0	4.39	32.71	4.39	25.92	207.4	0.093	1466	7.02	42 8.9 N
50.0	4.65	32.81	4.65	25.98	202.5	0.114	1467	4.87	66 46.2 W
60.0	4.76	32.89	4.76	26.03	197.7	0.134	1468	4.43	Depth 99 m
70.0	4.90	33.04	4.90	26.13	188.0	0.153	1469	6.3	
80.0	5.31	33.23	5.31	26.24	177.7	0.171	1471	-2.0	
90.0	5.77	33.41	5.77	26.32	170.3	0.188	1473	-4.6	
94.0	5.80	33.40	5.79	26.32	170.9	0.185	1473		



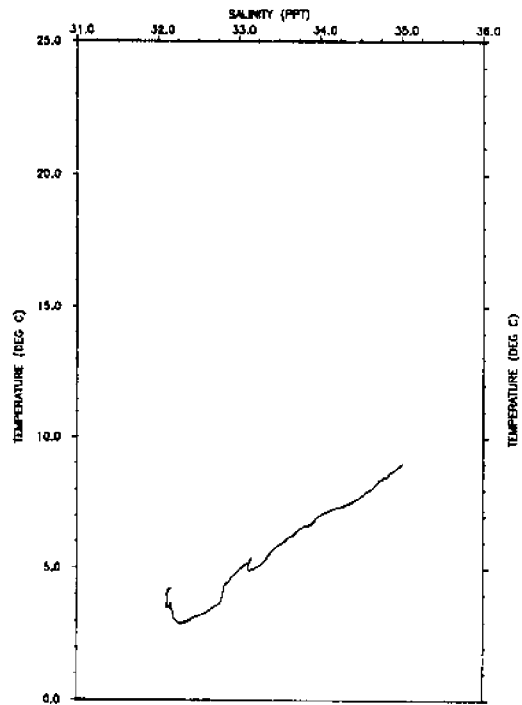
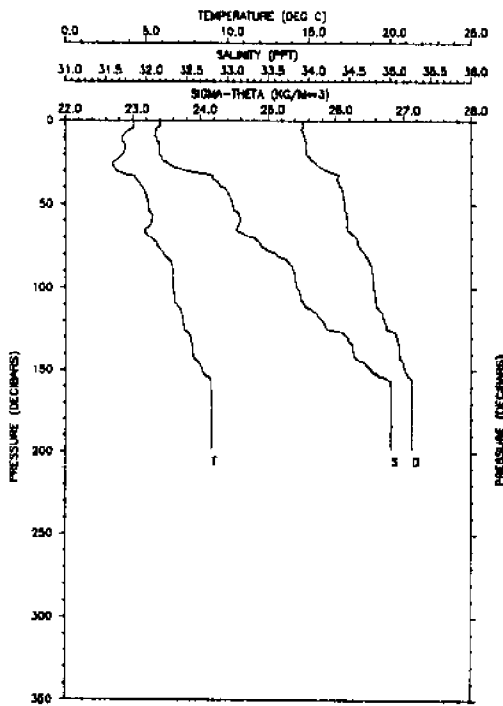
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.78	31.93	3.78	25.37	259.7	0.000	1462	3.25	Cruise EN159
10.0	3.18	31.97	3.18	25.45	251.6	0.026	1459	2.47	Station 41
20.0	3.49	32.32	3.49	25.70	228.2	0.050	1461	5.00	11 APR 1987
30.0	4.17	32.82	4.17	25.88	211.6	0.072	1465	-4.12	0637 UTC
40.0	4.53	32.76	4.53	25.95	204.8	0.093	1467	-3.34	42 12.0 N
50.0	4.65	32.80	4.65	25.97	202.8	0.113	1467	4.12	86 48.2 W
60.0	4.71	32.84	4.70	26.00	200.3	0.133	1468	3.93	Depth 211 m
70.0	4.79	32.89	4.78	26.03	197.6	0.153	1468	2.5	
80.0	4.81	32.91	4.80	26.04	196.4	0.173	1469	-0.4	
90.0	4.84	32.95	4.83	26.07	194.1	0.192	1469	2.8	
100.0	4.90	33.05	4.89	26.14	187.4	0.211	1469	3.8	
110.0	5.05	33.15	5.04	26.20	181.6	0.230	1470	3.4	
120.0	5.04	33.19	5.03	26.24	178.2	0.248	1471	1.4	
130.0	4.99	33.20	4.98	26.25	177.5	0.265	1471	-0.5	
140.0	5.11	33.24	5.10	26.27	175.2	0.283	1471	2.7	
150.0	6.34	33.57	6.32	26.38	165.3	0.300	1477	4.1	
160.0	6.79	33.77	6.77	26.48	156.3	0.316	1479	2.3	
170.0	7.19	34.00	7.17	26.60	145.0	0.332	1481	5.8	
180.0	7.64	34.42	7.62	26.88	119.8	0.345	1483	8.0	
190.0	7.71	34.52	7.69	26.94	113.8	0.357	1484	2.4	
200.0	7.73	34.54	7.71	26.96	112.2	0.368	1484	1.5	
203.0	7.73	34.55	7.71	26.96	112.2	0.371	1484		



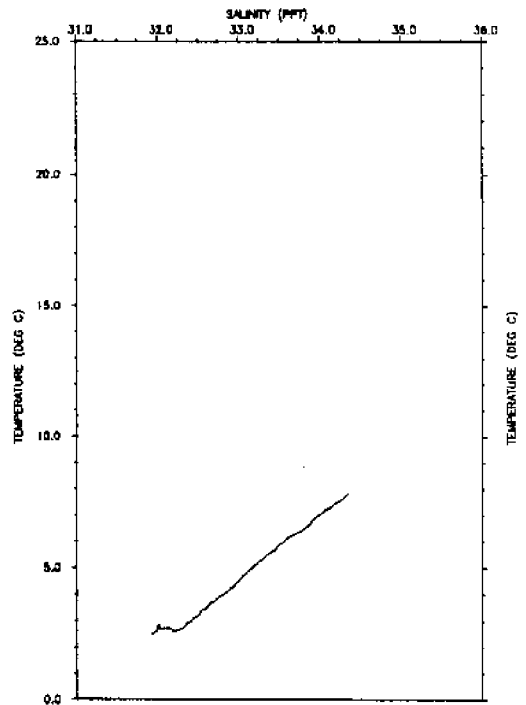
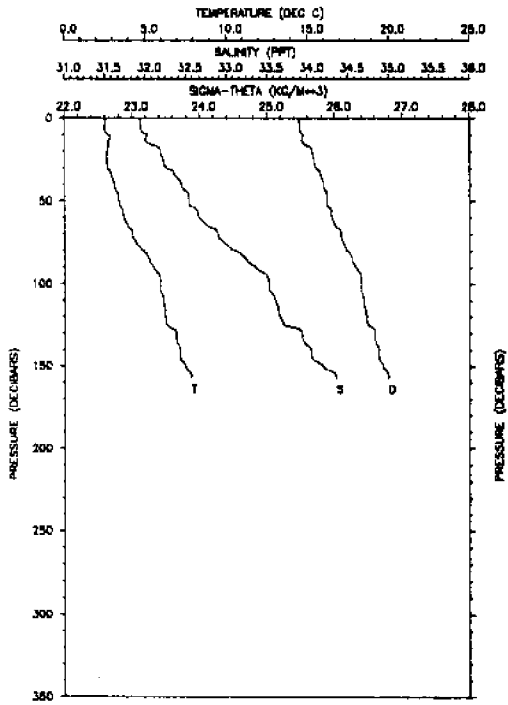
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.00	31.68	4.00	25.15	280.5	0.000	1462	5.23	Cruise EN159
10.0	3.79	31.78	3.79	25.25	271.4	0.028	1462	5.35	Station 42
20.0	3.74	32.17	3.74	25.56	241.7	0.053	1482	4.88	11 APR 1987
30.0	4.00	32.35	4.00	25.68	230.4	0.077	1484	4.71	0752 UTC
40.0	4.20	32.53	4.19	25.80	218.7	0.099	1485	5.82	42 19.8 N
50.0	4.29	32.62	4.28	25.87	212.9	0.121	1486	5.87	66 46.2 W
60.0	4.61	32.88	4.60	26.04	196.9	0.141	1467	5.24	Depth 305 m
70.0	4.85	33.03	4.85	26.13	188.0	0.160	1469	5.8	
80.0	4.94	33.10	4.93	26.18	183.4	0.179	1469	2.2	
90.0	5.12	33.19	5.11	26.22	179.3	0.197	1470	3.4	
100.0	5.28	33.25	5.27	26.25	176.7	0.215	1471	1.0	
110.0	5.55	33.34	5.54	26.30	173.0	0.232	1473	3.6	
120.0	5.87	33.45	5.86	26.35	168.4	0.250	1474	3.6	
130.0	6.21	33.58	6.19	26.40	163.0	0.266	1476	4.3	
140.0	6.59	33.72	6.58	26.47	157.4	0.282	1478	3.4	
150.0	6.50	33.74	6.49	26.50	154.6	0.298	1478	4.2	
160.0	7.28	34.11	7.27	26.68	137.7	0.313	1481	5.4	
170.0	7.67	34.38	7.65	26.83	123.5	0.326	1483	6.9	
180.0	7.68	34.55	7.66	26.97	111.2	0.338	1484	2.1	
190.0	7.83	34.70	7.81	27.06	102.3	0.348	1485	5.2	
200.0	7.84	34.81	7.82	27.16	93.8	0.358	1485	3.7	
210.0	7.89	34.90	7.87	27.21	88.5	0.367	1485	2.2	
220.0	7.93	34.92	7.91	27.22	87.9	0.376	1486	0.4	
230.0	7.93	34.92	7.91	27.22	88.0	0.385	1486	0.5	
240.0	7.93	34.92	7.91	27.22	88.1	0.394	1486	-0.9	
250.0	7.92	34.92	7.90	27.23	87.8	0.402	1486	-1.4	
260.0	7.91	34.93	7.89	27.23	87.7	0.411	1486	-1.0	
270.0	7.91	34.93	7.89	27.23	87.9	0.420	1486	-0.5	
280.0	7.91	34.93	7.88	27.23	88.0	0.429	1487	0.5	
290.0	7.91	34.93	7.88	27.23	88.2	0.438	1487	0.8	
294.0	7.91	34.93	7.88	27.23	88.2	0.441	1487		



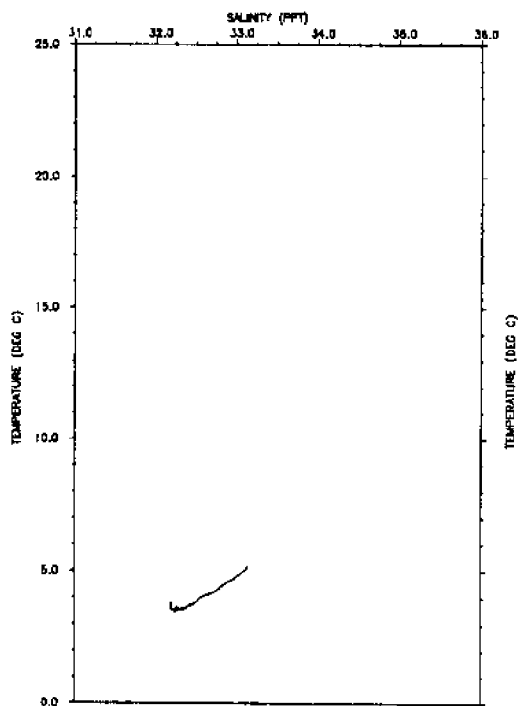
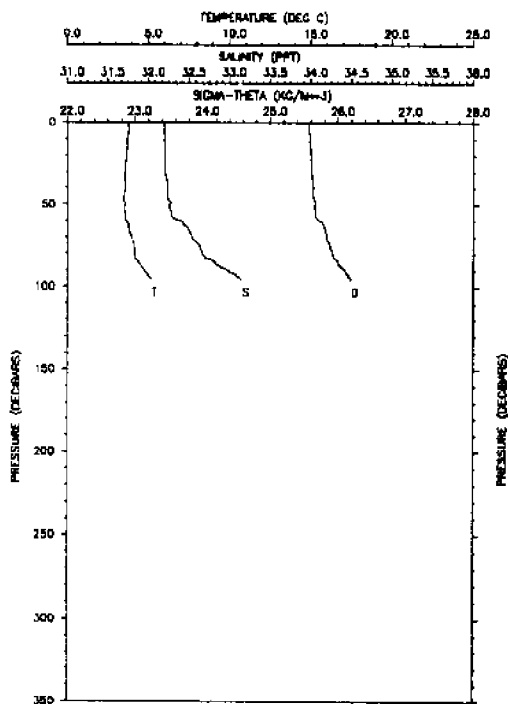
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st+2	m/sec	cph	
0.0	3.66	31.75	3.66	25.24	272.3	0.000	1461	10.13	Cruise EN159
10.0	3.78	32.52	3.78	25.84	215.0	0.024	1463	-0.78	Station 43
20.0	4.06	32.64	4.06	25.90	209.2	0.045	1464	5.53	11 APR 1987
30.0	4.54	32.84	4.54	26.01	199.0	0.066	1467	6.96	0915 UTC
40.0	4.80	32.96	4.79	26.08	192.7	0.085	1468	-0.44	42 28.0 N
50.0	4.89	33.08	4.88	26.17	184.1	0.104	1469	4.84	66 46.2 W
60.0	4.93	33.13	4.93	26.20	181.0	0.123	1469	4.33	Depth 325 m
70.0	5.06	33.19	5.06	26.24	176.0	0.140	1470	1.4	
80.0	5.12	33.22	5.11	26.25	176.5	0.158	1470	2.3	
90.0	5.14	33.24	5.13	26.27	175.1	0.176	1471	0.0	
100.0	5.16	33.28	5.15	26.30	172.4	0.193	1471	1.9	
110.0	5.18	33.31	5.17	26.32	170.5	0.210	1471	4.4	
120.0	5.29	33.35	5.29	26.34	169.1	0.227	1472	11.6	
130.0	5.93	33.52	5.92	26.39	164.1	0.244	1475	5.6	
140.0	7.03	33.87	7.02	26.53	152.0	0.260	1480	3.7	
150.0	7.40	34.02	7.38	26.59	146.0	0.275	1481	3.1	
160.0	7.61	34.16	7.60	26.67	138.9	0.289	1483	1.0	
170.0	7.65	34.19	7.64	26.69	136.9	0.303	1483	9.9	
180.0	7.81	34.31	7.70	26.76	130.4	0.316	1484	-1.7	
190.0	7.98	34.43	7.96	26.83	124.3	0.329	1485	3.0	
200.0	8.16	34.65	8.14	26.98	110.6	0.340	1486	3.9	
210.0	8.21	34.73	8.19	27.03	106.0	0.351	1486	5.5	
220.0	7.95	34.78	7.93	27.11	98.4	0.362	1486	6.3	
230.0	7.85	34.83	7.83	27.17	93.3	0.371	1485	3.0	
240.0	7.73	34.87	7.71	27.21	89.0	0.380	1485	1.0	
250.0	7.58	34.86	7.56	27.23	87.3	0.389	1485	2.6	
260.0	7.50	34.86	7.48	27.24	86.6	0.398	1485	1.6	
270.0	7.40	34.86	7.37	27.25	85.7	0.406	1484	1.9	
280.0	7.36	34.87	7.33	27.27	84.5	0.415	1484	2.7	
290.0	7.27	34.89	7.25	27.29	82.0	0.423	1484	5.5	
300.0	7.18	34.91	7.15	27.33	79.2	0.431	1484	1.7	
310.0	7.17	34.92	7.14	27.33	78.6	0.439	1484	1.4	
311.0	7.17	34.92	7.14	27.33	78.6	0.440	1484		



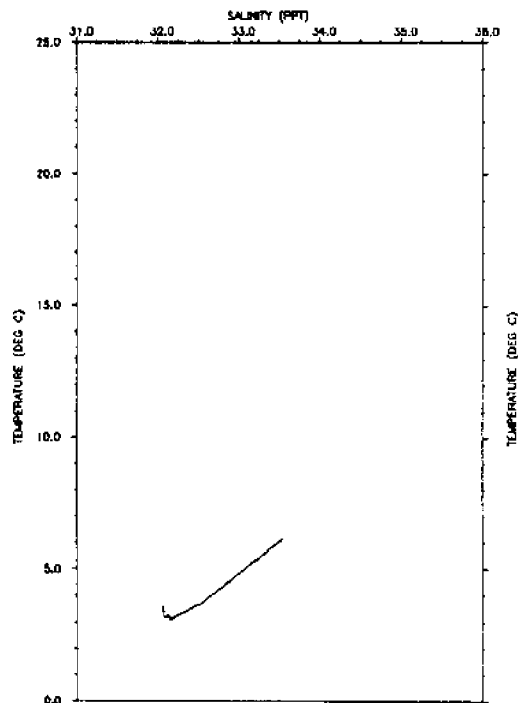
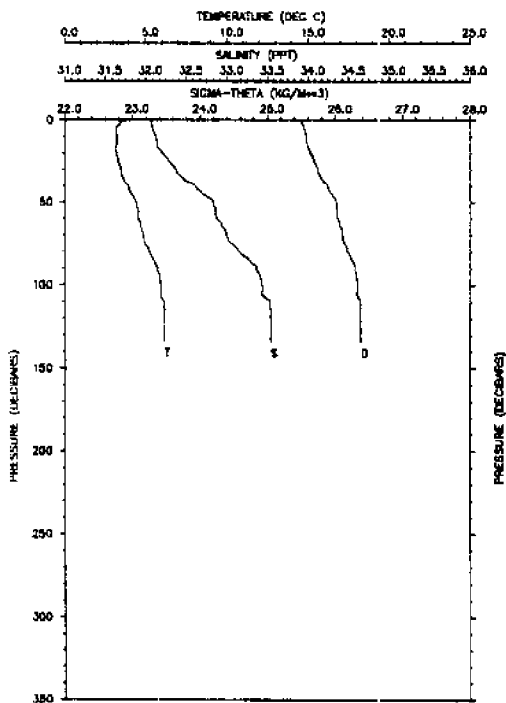
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.26	32.16	4.26	25.50	247.4	0.000	1464	4.49	Cruise EN159
10.0	3.50	32.13	3.50	25.55	242.8	0.025	1461	-2.10	Station 44
20.0	3.54	32.16	3.54	25.57	240.9	0.049	1461	9.66	11 APR 1987
30.0	3.21	32.52	3.20	25.89	210.5	0.072	1461	12.90	1022 UTC
40.0	4.77	32.96	4.76	26.08	192.1	0.091	1468	2.85	42 34.9 N
50.0	5.11	33.06	5.11	26.12	188.4	0.110	1470	3.99	66 40.6 W
60.0	5.35	33.16	5.34	26.18	183.5	0.129	1471	-3.78	Depth 211 m
70.0	5.31	33.33	5.30	26.32	170.4	0.147	1471	-1.8	
80.0	6.15	33.60	6.14	26.43	160.0	0.164	1475	7.5	
90.0	6.64	33.81	6.63	26.53	150.3	0.179	1477	4.8	
100.0	6.64	33.85	6.64	26.56	147.8	0.194	1477	6.3	
110.0	6.89	33.94	6.88	26.60	144.2	0.208	1479	3.9	
120.0	7.29	34.17	7.28	26.72	133.0	0.222	1481	5.7	
130.0	7.73	34.48	7.72	26.91	115.5	0.235	1483	-1.3	
140.0	7.90	34.55	7.88	26.94	113.3	0.246	1484	4.1	
150.0	8.48	34.78	8.47	27.03	105.3	0.257	1486	-3.3	
160.0	9.01	35.01	8.99	27.13	96.3	0.267	1489	1.1	
170.0	9.02	35.01	9.00	27.13	96.3	0.277	1489	1.7	
180.0	9.03	35.02	9.01	27.13	96.4	0.286	1489	-1.2	
190.0	9.03	35.01	9.01	27.13	96.7	0.296	1489	-0.1	
198.0	9.03	35.02	9.01	27.13	96.6	0.304	1490		



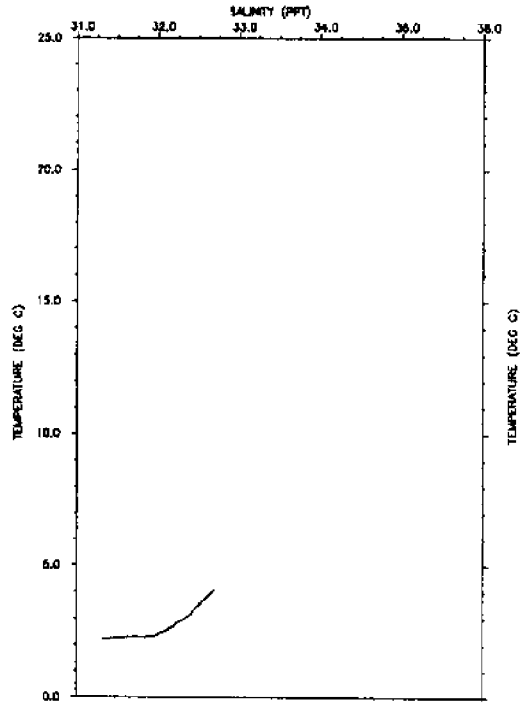
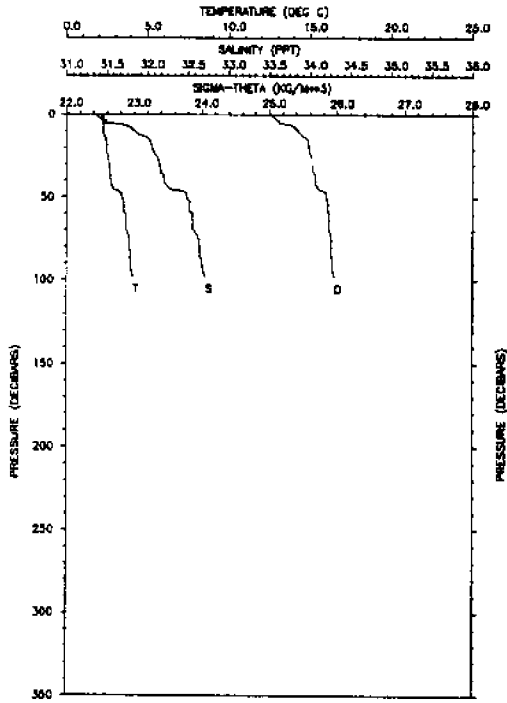
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.55	31.94	2.55	25.48	249.4	0.000	1457	1.42	Cruise EN159
10.0	2.77	32.03	2.77	25.53	244.1	0.025	1458	-7.20	Station 45
20.0	2.66	32.18	2.66	25.67	231.5	0.049	1458	3.56	11 APR 1987
30.0	2.67	32.27	2.67	25.73	225.4	0.072	1458	9.65	1137 UTC
40.0	3.10	32.45	3.10	25.84	215.3	0.094	1460	2.62	42 42.0 N
50.0	3.37	32.54	3.37	25.89	210.5	0.115	1462	1.63	66 34.0 W
60.0	3.69	32.66	3.68	25.96	204.2	0.136	1463	5.67	Depth 163 m
70.0	4.22	32.90	4.22	26.09	191.6	0.155	1466	2.1	
80.0	4.84	33.12	4.84	26.20	181.5	0.174	1469	6.9	
90.0	5.50	33.36	5.50	26.32	170.8	0.192	1472	6.8	
100.0	5.93	33.52	5.92	26.40	163.4	0.208	1474	1.0	
110.0	6.11	33.60	6.10	26.43	160.2	0.224	1475	4.1	
120.0	6.22	33.66	6.21	26.47	156.7	0.240	1476	3.0	
130.0	6.86	33.92	6.85	26.59	145.7	0.255	1479	1.9	
140.0	7.12	34.04	7.11	26.65	140.6	0.270	1480	-0.5	
150.0	7.44	34.19	7.42	26.72	133.9	0.284	1482	5.3	
157.0	7.82	34.35	7.81	26.79	127.4	0.293	1484		



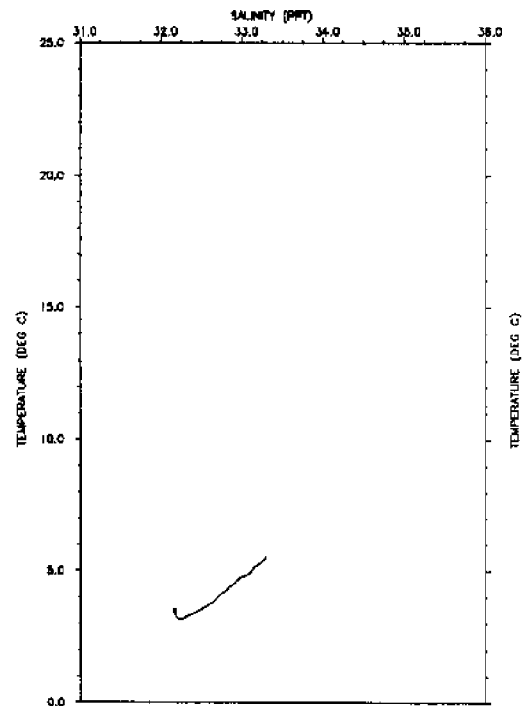
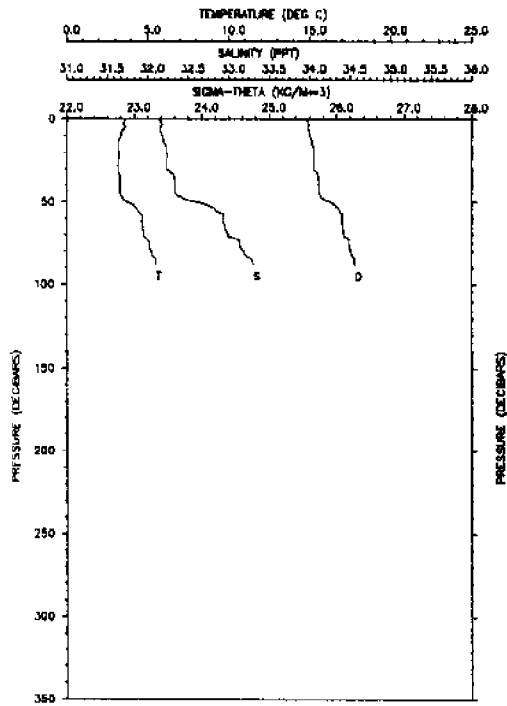
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.82	32.18	3.82	25.57	240.4	0.000	1462	2.49	Cruise EN159
10.0	3.73	32.20	3.73	25.58	239.2	0.024	1462	-0.52	Station 46
20.0	3.83	32.20	3.82	25.80	238.0	0.048	1462	-1.32	11 APR 1987
30.0	3.55	32.21	3.55	25.81	237.2	0.072	1462	1.80	1245 UTC
40.0	3.57	32.23	3.57	25.83	235.4	0.095	1462	2.68	42 49.0 N
50.0	3.64	32.27	3.64	25.85	233.5	0.119	1462	-3.14	66 27.0 W
60.0	3.62	32.39	3.61	25.74	224.4	0.142	1463	8.44	Depth 96 m
70.0	3.95	32.53	3.95	25.83	216.3	0.164	1464	4.5	
80.0	4.14	32.66	4.13	25.91	208.7	0.185	1465	6.3	
90.0	4.72	32.98	4.72	26.10	190.8	0.205	1468	4.6	
96.0	5.18	33.15	5.18	26.19	182.8	0.216	1471		



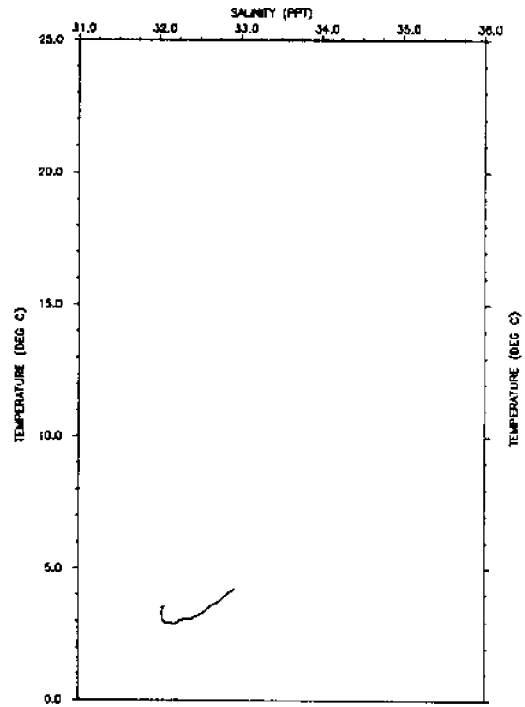
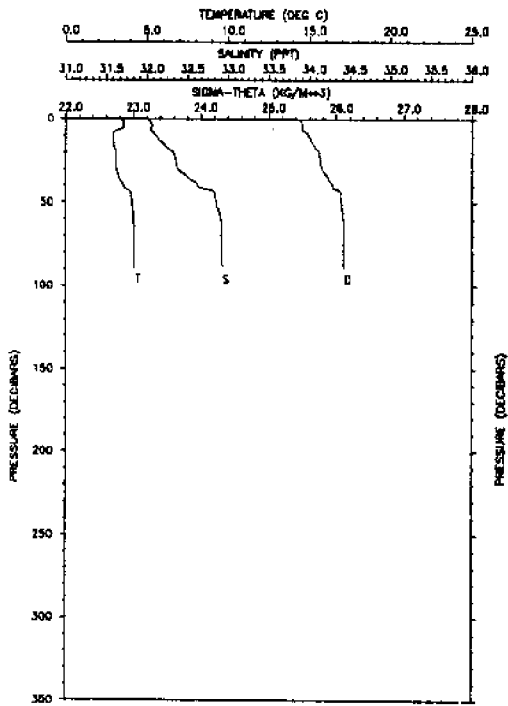
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st2	m/sec	cph	
0.0	3.62	32.07	3.62	25.49	248.2	0.000	1461	5.38	Cruise EN159
10.0	3.23	32.12	3.23	25.57	240.8	0.024	1460	2.72	Station 47
20.0	3.18	32.20	3.17	25.64	234.1	0.048	1460	5.81	11 APR 1987
30.0	3.46	32.37	3.46	25.75	223.9	0.071	1461	2.51	1345 UTC
40.0	3.90	32.60	3.90	25.89	210.5	0.093	1464	5.69	42 55.0 N
50.0	4.42	32.83	4.41	26.02	198.4	0.113	1466	2.35	66 21.0 W
60.0	4.54	32.87	4.53	26.04	196.3	0.133	1467	5.87	Depth 145 m
70.0	4.83	32.99	4.82	26.10	190.5	0.152	1469	4.8	
80.0	5.20	33.15	5.19	26.19	182.7	0.171	1470	6.2	
90.0	5.73	33.36	5.73	26.29	173.3	0.189	1473	4.1	
100.0	5.91	33.44	5.90	26.33	169.6	0.206	1474	3.0	
110.0	6.13	33.54	6.12	26.38	164.9	0.223	1475	-2.1	
120.0	6.15	33.54	6.14	26.38	165.2	0.239	1475	-0.7	
130.0	6.16	33.54	6.15	26.38	165.4	0.256	1476	2.4	
134.0	6.15	33.54	6.14	26.38	165.2	0.262	1476		



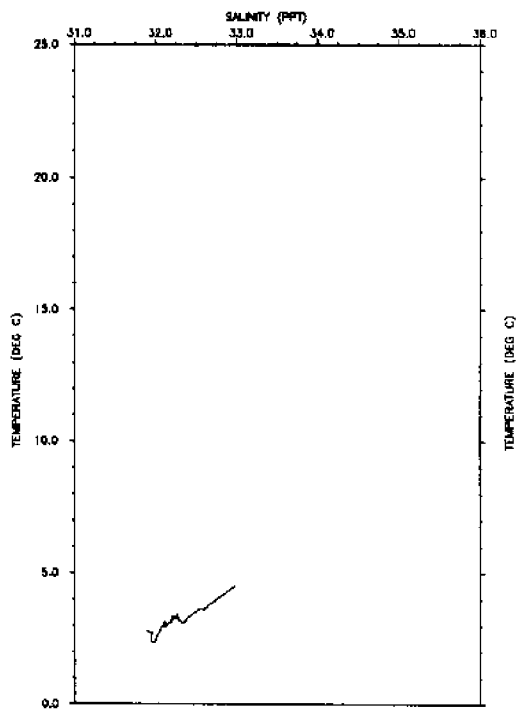
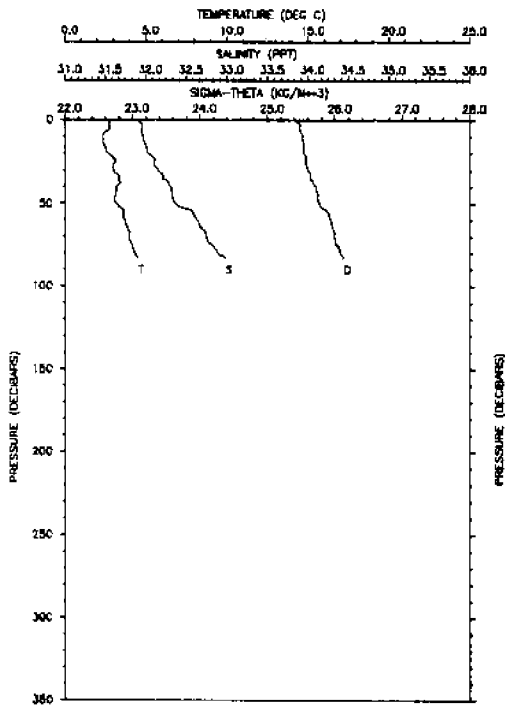
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	2.20	31.32	2.20	25.01	293.7	0.000	1454	9.73	Cruise EN159
10.0	2.28	31.84	2.28	25.42	255.0	0.027	1455	5.73	Station 48
20.0	2.46	32.05	2.46	25.58	239.9	0.052	1457	3.71	11 APR 1987
30.0	2.61	32.14	2.61	25.64	234.1	0.076	1457	1.37	1445 UTC
40.0	2.74	32.20	2.74	25.67	230.8	0.099	1458	1.74	43 2.0 N
50.0	3.43	32.48	3.43	25.84	215.5	0.121	1462	3.88	66 15.0 W
60.0	3.63	32.55	3.62	25.88	211.7	0.143	1463	-4.42	Depth 103 m
70.0	3.70	32.57	3.70	25.88	211.1	0.164	1463	3.9	
80.0	3.91	32.64	3.91	25.92	207.7	0.185	1465	-1.3	
90.0	4.00	32.67	3.99	25.94	206.4	0.205	1465	1.7	
98.0	4.09	32.71	4.09	25.96	204.5	0.222	1466		



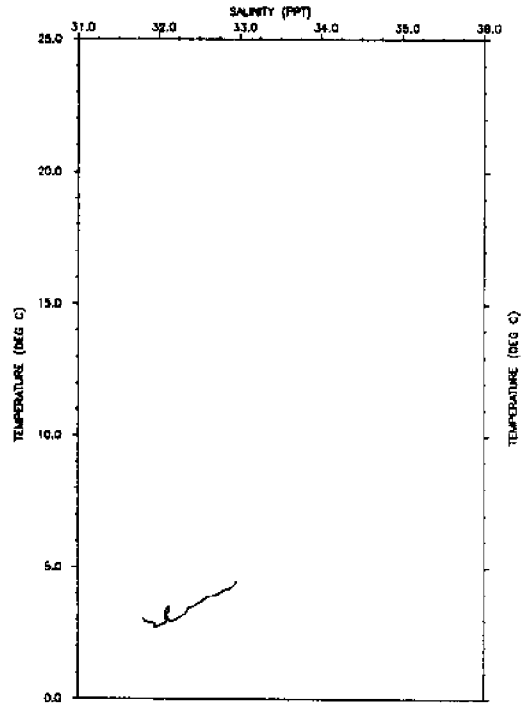
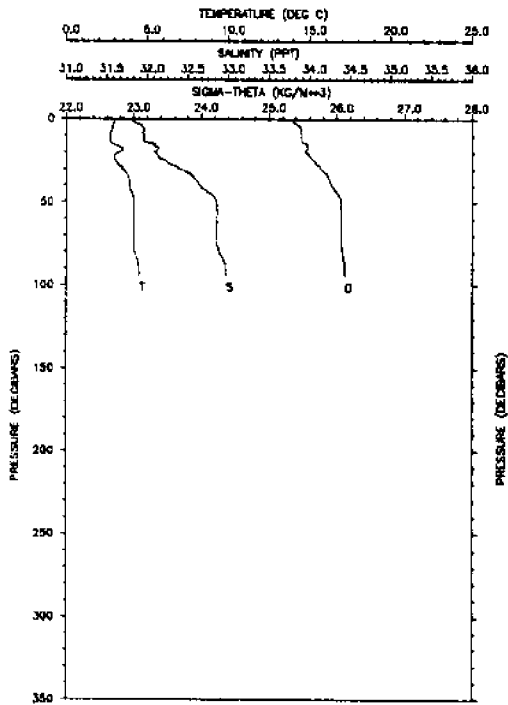
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st+2	m/sec	cph	
0.0	3.57	32.15	3.57	25.56	241.3	0.000	1461	3.45	Cruise EN159
10.0	3.39	32.18	3.39	25.60	237.8	0.024	1461	1.56	Station 49
20.0	3.22	32.24	3.21	25.66	231.8	0.047	1460	-0.88	11 APR 1987
30.0	3.17	32.24	3.17	25.67	231.6	0.071	1460	8.20	1607 UTC
40.0	3.31	32.34	3.31	25.73	225.4	0.093	1461	2.54	42 52.0 N
50.0	3.73	32.60	3.73	25.90	209.1	0.115	1463	11.77	66 1.0 W
60.0	4.64	32.94	4.64	26.08	192.6	0.135	1468	0.46	Depth 103 m
70.0	4.78	33.00	4.78	26.11	189.8	0.154	1468	-2.4	
80.0	5.22	33.19	5.21	26.22	179.8	0.173	1471	-1.3	
88.0	5.53	33.30	5.53	26.27	175.1	0.187	1472		



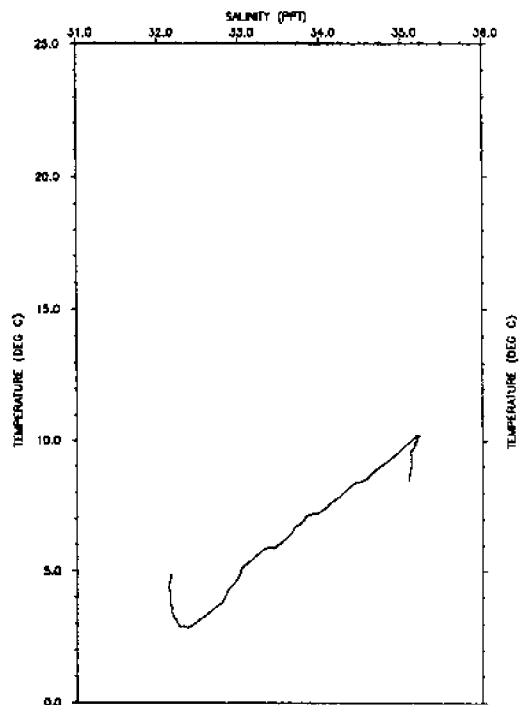
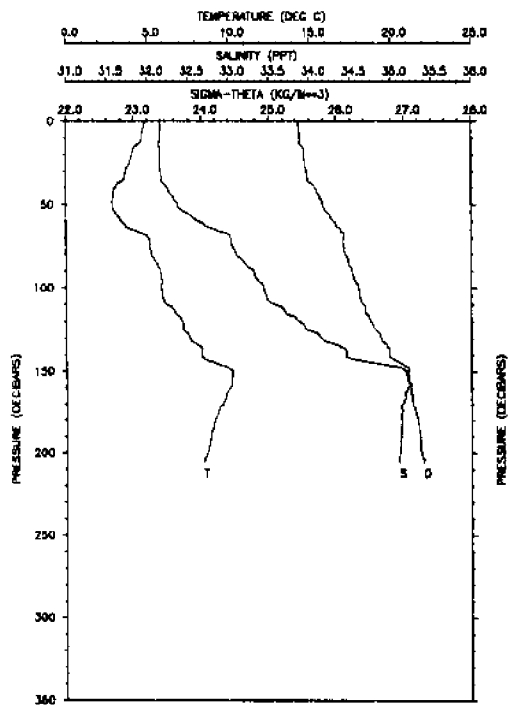
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.51	32.02	3.51	25.47	250.4	0.000	1461	4.97	Cruise EN159
10.0	2.94	32.11	2.94	25.58	239.3	0.025	1459	6.90	Station 50
20.0	3.11	32.33	3.10	25.74	224.1	0.048	1460	2.98	11 APR 1987
30.0	3.08	32.38	3.08	25.79	219.8	0.070	1460	7.03	1730 UTC
40.0	3.57	32.63	3.57	25.94	205.2	0.091	1462	4.41	42 42.5 N
50.0	4.09	32.86	4.09	26.00	192.8	0.111	1465	1.44	65 47.6 W
60.0	4.19	32.91	4.19	26.11	190.0	0.130	1466	2.06	Depth 92 m
70.0	4.22	32.92	4.21	26.11	189.8	0.149	1466	1.6	
80.0	4.23	32.92	4.22	26.11	189.7	0.168	1466	1.0	
89.0	4.23	32.93	4.23	26.11	189.5	0.185	1466		



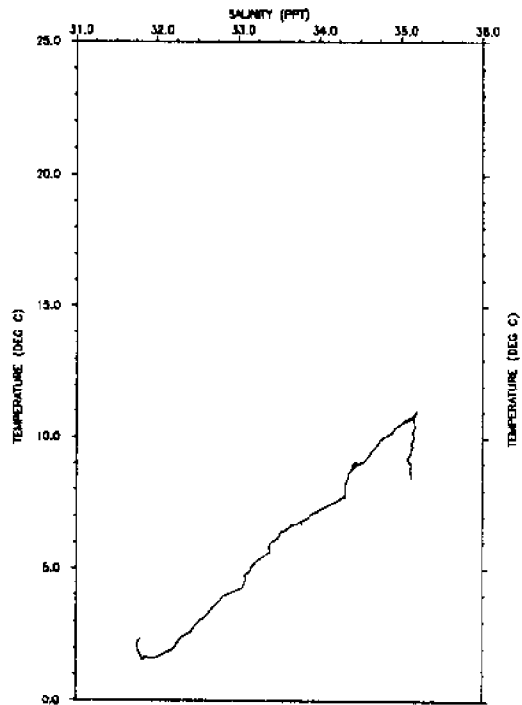
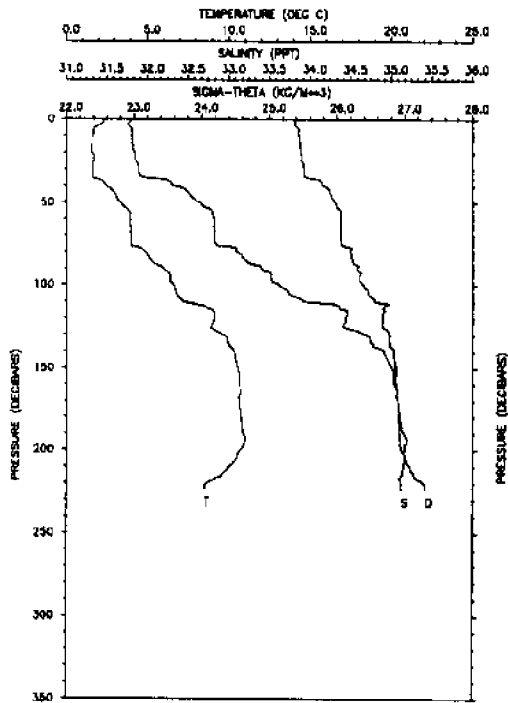
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	2.80	31.89	2.80	25.42	255.0	0.000	1457	7.95	Cruise EN159
10.0	2.32	31.97	2.32	25.52	245.2	0.025	1456	3.83	Station 51
20.0	2.63	32.02	2.63	25.54	243.4	0.049	1457	7.27	11 APR 1987
30.0	3.03	32.15	3.03	25.61	237.1	0.073	1459	2.56	1852 UTC
40.0	3.18	32.31	3.18	25.72	226.1	0.097	1460	3.38	42 30.1 N
50.0	3.16	32.37	3.16	25.77	221.8	0.119	1461	5.14	65 46.0 W
60.0	3.69	32.63	3.68	25.93	206.3	0.140	1463	4.16	Depth 87 m
70.0	3.98	32.74	3.98	25.99	200.8	0.161	1465	3.4	
80.0	4.29	32.88	4.28	26.07	193.4	0.180	1466	7.4	
83.0	4.52	32.98	4.51	26.13	188.5	0.186	1468		



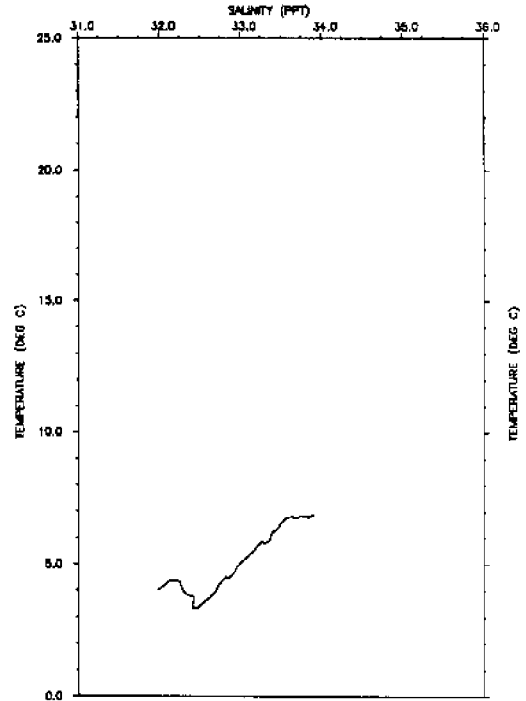
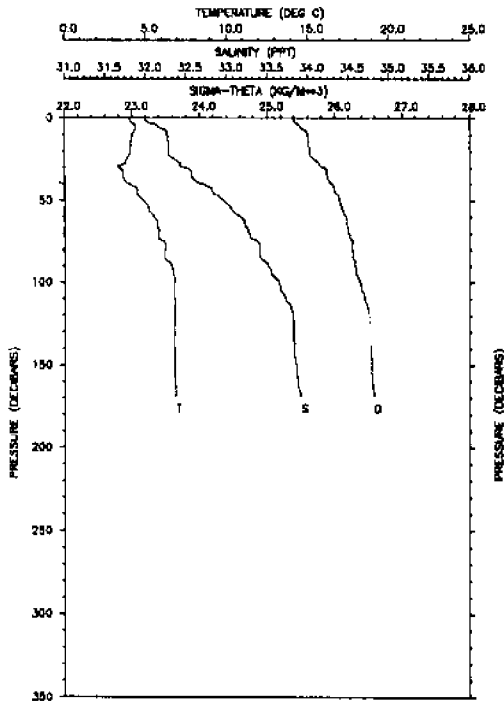
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/st²	m/sec	cph	
0.0	3.07	31.81	3.07	25.33	263.0	0.000	1459	6.50	Cruise EN159
10.0	2.73	31.96	2.73	25.48	249.2	0.025	1457	-3.66	Station 52
20.0	3.27	32.08	3.27	25.53	244.4	0.050	1460	11.60	11 APR 1987
30.0	3.47	32.39	3.47	25.76	222.5	0.073	1462	10.87	1922 UTC
40.0	3.91	32.65	3.91	25.93	206.8	0.094	1464	6.84	42 28.1 N
50.0	4.19	32.85	4.18	26.06	194.6	0.114	1465	2.82	65 47.5 W
60.0	4.18	32.86	4.17	26.07	193.5	0.134	1466	1.09	Depth 97 m
70.0	4.17	32.87	4.16	26.07	193.4	0.153	1466	-1.0	
80.0	4.22	32.89	4.22	26.06	192.4	0.172	1466	2.8	
90.0	4.47	32.96	4.47	26.12	189.5	0.191	1467	1.6	
94.0	4.50	32.97	4.49	26.12	189.2	0.199	1468		



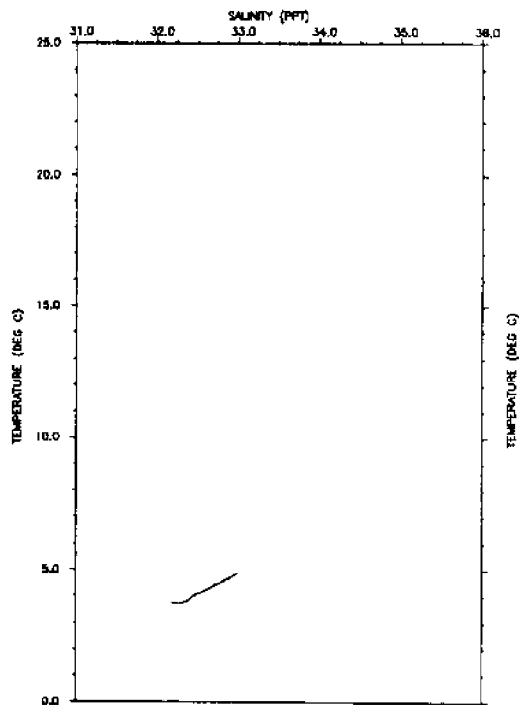
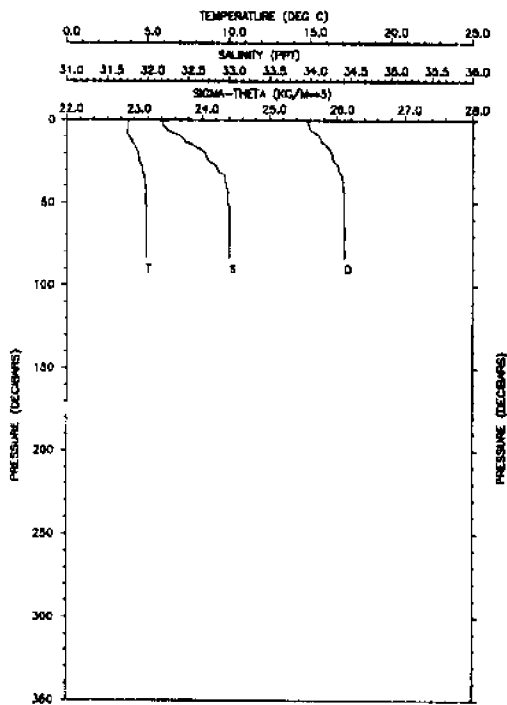
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/st²	m/sec	cph	
0.0	4.89	32.15	4.89	25.43	253.6	0.000	1467	4.08	Cruise EN159
10.0	4.67	32.16	4.67	25.46	251.0	0.025	1466	4.11	Station 53
20.0	4.09	32.16	4.09	25.52	245.4	0.050	1464	1.24	11 APR 1987
30.0	3.67	32.17	3.67	25.57	241.1	0.074	1462	1.62	2030 UTC
40.0	3.03	32.24	3.03	25.68	230.1	0.098	1460	9.54	42 21.0 N
50.0	2.87	32.37	2.86	25.80	218.7	0.120	1459	3.38	65 54.2 W
60.0	3.44	32.65	3.44	25.97	203.1	0.142	1462	8.94	Depth 218 m
70.0	5.09	33.03	5.08	26.11	190.4	0.161	1470	-2.8	
80.0	5.29	33.10	5.28	26.14	187.6	0.180	1471	5.1	
90.0	5.86	33.31	5.85	26.23	178.6	0.198	1474	3.5	
100.0	5.89	33.43	5.88	26.33	169.7	0.216	1474	4.1	
110.0	6.22	33.58	6.21	26.41	162.5	0.233	1476	9.1	
120.0	7.16	33.87	7.15	26.51	153.3	0.248	1480	9.5	
130.0	7.63	34.15	7.61	26.66	139.3	0.263	1482	5.6	
140.0	8.39	34.48	8.38	26.79	127.4	0.276	1486	-1.8	
150.0	10.25	35.19	10.23	27.06	102.6	0.287	1493	-4.6	
160.0	10.09	35.20	10.08	27.10	99.2	0.297	1493	7.1	
170.0	9.65	35.15	9.63	27.13	96.3	0.307	1492	-0.6	
180.0	9.14	35.14	9.12	27.21	89.0	0.316	1490	2.9	
190.0	8.90	35.13	8.88	27.24	86.1	0.325	1489	-1.8	
200.0	8.69	35.11	8.67	27.26	84.3	0.334	1488	2.8	
205.0	8.46	35.11	8.44	27.29	81.5	0.338	1488		



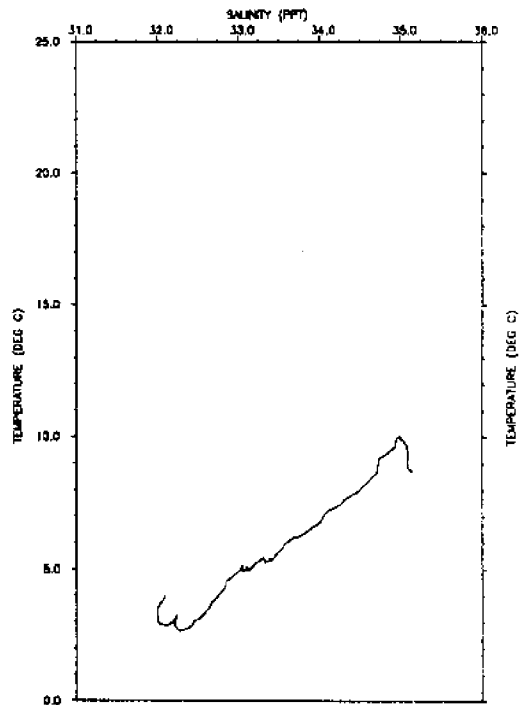
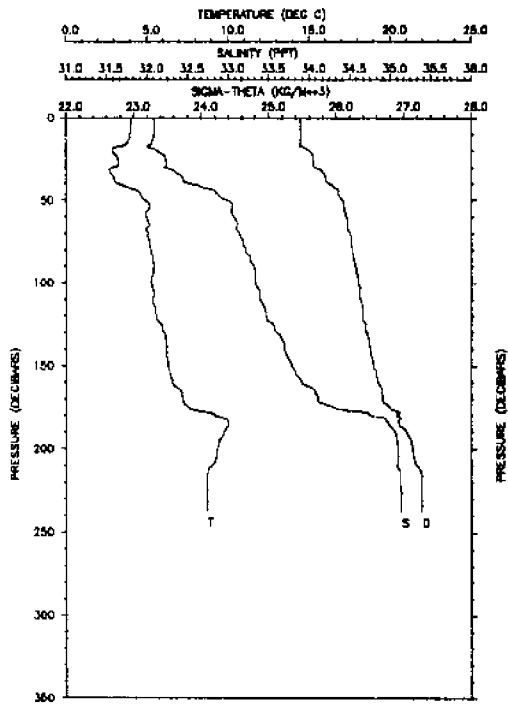
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.35	31.80	2.35	25.38	258.5	0.000	1455	0.53	Cruise EN159
10.0	1.64	31.81	1.64	25.44	253.1	0.026	1452	3.43	Station 54
20.0	1.58	31.83	1.58	25.46	250.6	0.051	1452	5.48	11 APR 1987
30.0	1.63	31.89	1.63	25.51	246.3	0.076	1453	2.78	2152 UTC
40.0	2.40	32.31	2.39	25.79	219.8	0.099	1457	15.07	42 14.0 N
50.0	3.34	32.85	3.34	25.98	201.9	0.120	1462	1.81	65 59.9 W
60.0	3.96	32.81	3.96	26.05	195.3	0.140	1465	-1.06	Depth 240 m
70.0	3.97	32.82	3.96	26.05	195.1	0.159	1465	0.6	
80.0	4.81	33.11	4.81	26.20	181.8	0.178	1469	8.0	
90.0	5.95	33.39	5.94	26.29	173.5	0.196	1474	8.6	
100.0	6.59	33.62	6.58	26.39	164.1	0.213	1477	4.9	
110.0	7.15	33.94	7.14	26.57	147.7	0.229	1480	25.1	
120.0	9.07	34.44	9.06	26.67	138.7	0.242	1488	3.5	
130.0	9.64	34.69	9.63	26.77	129.2	0.256	1490	4.8	
140.0	10.31	34.91	10.30	26.83	124.1	0.269	1493	-0.6	
150.0	10.58	35.02	10.56	26.87	120.5	0.281	1494	-4.8	
160.0	10.65	35.05	10.63	26.88	120.3	0.293	1495	2.2	
170.0	10.67	35.08	10.65	26.90	118.1	0.305	1495	-0.7	
180.0	10.76	35.11	10.74	26.91	117.9	0.317	1496	-1.6	
190.0	10.90	35.16	10.88	26.93	116.6	0.328	1496	-3.3	
200.0	10.71	35.16	10.68	26.95	114.1	0.340	1496	7.2	
210.0	10.02	35.16	10.00	27.06	102.4	0.351	1494	3.0	
220.0	8.62	35.13	8.60	27.28	82.8	0.360	1489	7.8	
224.0	8.47	35.12	8.45	27.30	80.8	0.364	1488		



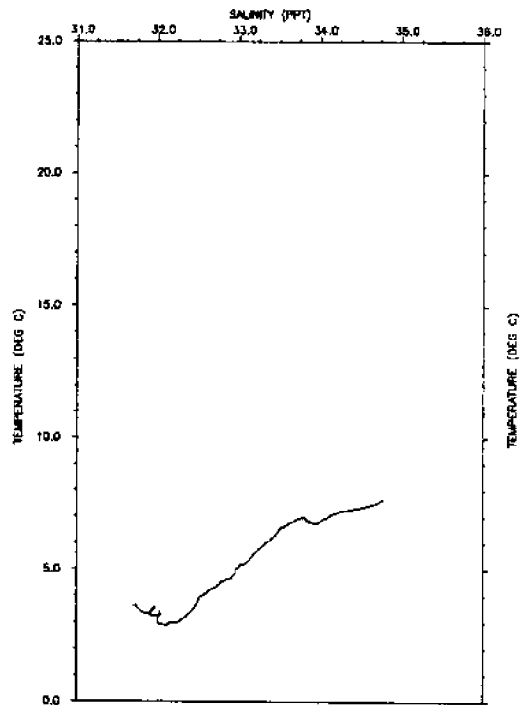
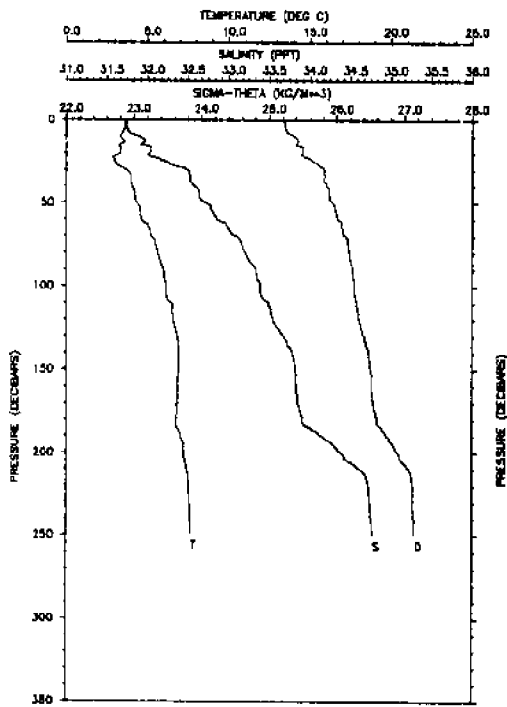
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /sf ²	m/sec	cph	
0.0	4.04	31.98	4.04	25.38	258.5	0.000	1463	4.28	Cruise EN159
10.0	4.21	32.27	4.21	25.59	238.3	0.025	1464	4.28	Station 55
20.0	4.05	32.29	4.05	25.63	235.2	0.049	1464	2.11	11 APR 1987
30.0	3.33	32.48	3.33	25.84	214.8	0.071	1461	9.23	2315 UTC
40.0	4.02	32.71	4.02	25.96	203.3	0.092	1464	5.39	42 6.9 N
50.0	4.86	32.96	4.86	26.08	193.0	0.112	1468	5.71	66 3.7 W
60.0	5.54	33.18	5.53	26.17	184.1	0.131	1472	3.91	Depth 178 m
70.0	5.86	33.29	5.86	26.22	180.1	0.149	1473	3.6	
80.0	6.22	33.41	6.22	26.27	175.4	0.167	1475	2.8	
90.0	6.58	33.51	6.58	26.30	172.4	0.184	1477	5.4	
100.0	6.82	33.64	6.81	26.38	165.5	0.201	1478	5.3	
110.0	6.82	33.73	6.81	26.44	159.1	0.218	1478	-1.2	
120.0	6.79	33.82	6.78	26.52	152.3	0.233	1478	1.7	
130.0	6.78	33.83	6.77	26.53	151.4	0.248	1478	1.8	
140.0	6.79	33.84	6.77	26.54	150.9	0.263	1479	0.5	
150.0	6.81	33.86	6.80	26.55	150.1	0.278	1479	2.2	
160.0	6.84	33.88	6.83	26.56	149.0	0.293	1479	2.4	
169.0	6.89	33.92	6.87	26.59	146.7	0.307	1480		



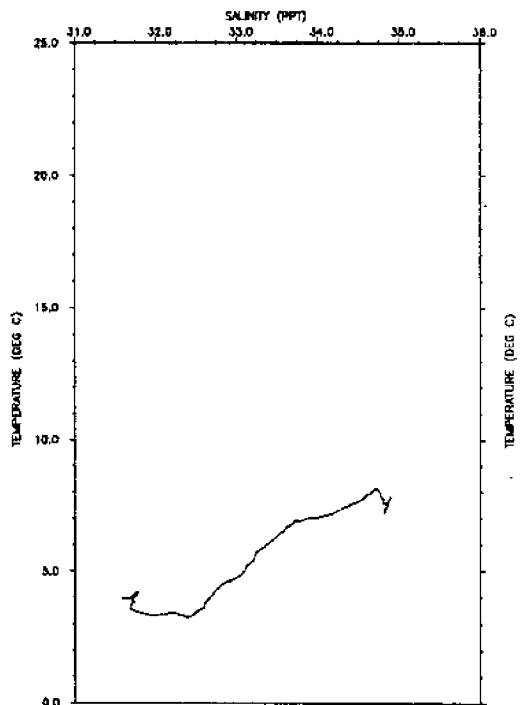
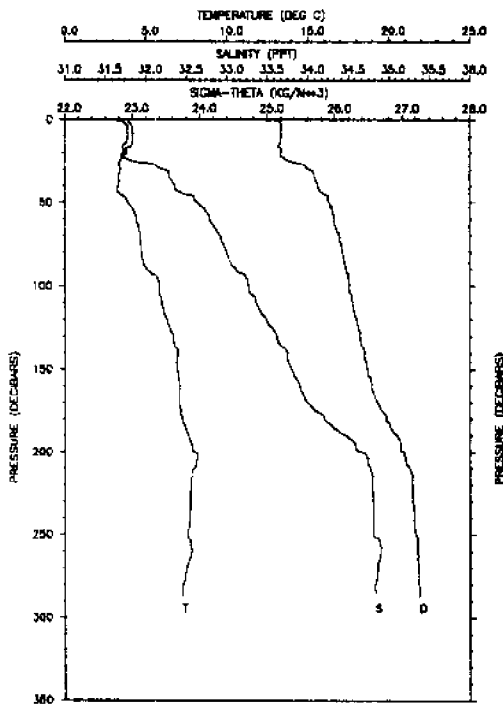
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	3.78	32.19	3.78	25.57	240.7	0.000	1462	-1.55	Cruise EN159
10.0	3.89	32.41	3.89	25.74	224.8	0.024	1463	6.28	Station 56
20.0	4.41	32.71	4.40	25.92	207.2	0.045	1466	2.84	12 APR 1987
30.0	4.66	32.86	4.65	26.02	198.5	0.066	1467	4.46	0037 UTC
40.0	4.83	32.97	4.83	26.08	192.1	0.085	1468	2.97	42 2.1 N
50.0	4.87	32.99	4.86	26.10	191.1	0.104	1468	1.28	66 10.9 W
60.0	4.89	33.00	4.89	26.10	190.4	0.123	1469	0.70	Depth 87 m
70.0	4.89	33.00	4.89	26.10	190.4	0.142	1469	-0.2	
80.0	4.90	33.00	4.89	26.11	190.5	0.161	1469	-0.5	
83.0	4.90	33.00	4.89	26.11	190.5	0.167	1469		



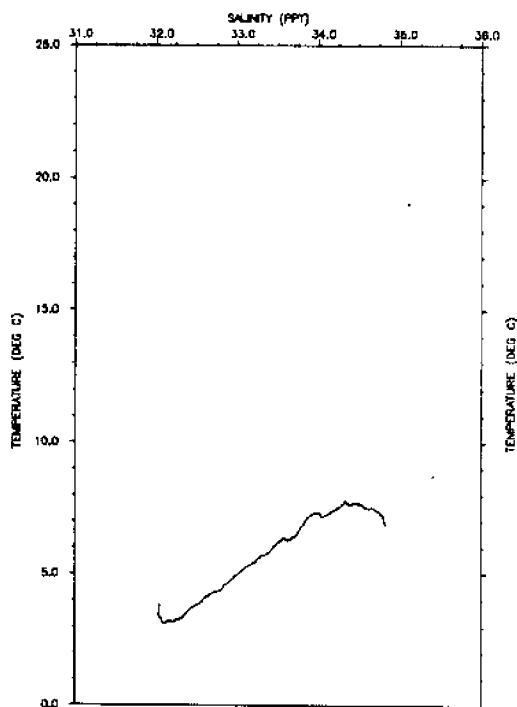
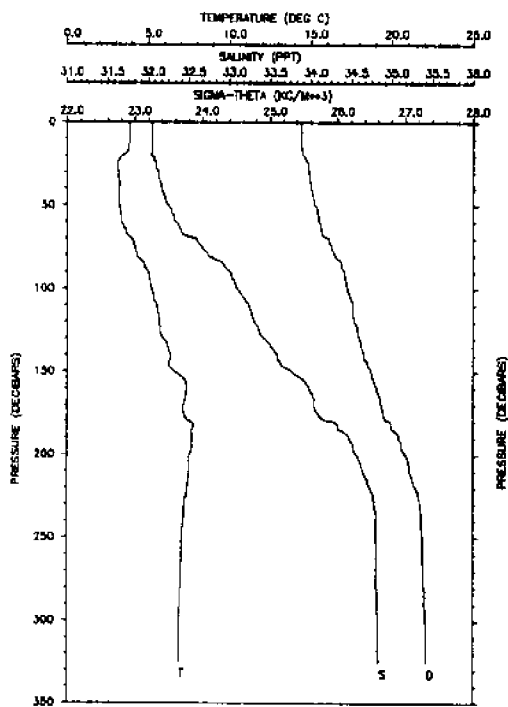
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.02	32.09	4.02	25.47	250.3	0.000	1463	-0.86	Cruise EN159
10.0	3.92	32.08	3.92	25.47	249.9	0.025	1463	5.13	Station 57
20.0	2.89	32.12	2.89	25.60	238.0	0.050	1459	7.60	12 APR 1987
30.0	2.84	32.21	2.84	25.67	231.1	0.073	1459	14.89	0230 UTC
40.0	3.13	32.52	3.13	25.90	209.8	0.095	1460	13.69	42 23.0 N
50.0	4.84	32.97	4.84	26.09	192.1	0.115	1468	9.28	66 7.8 W
60.0	4.96	33.06	4.96	26.14	186.6	0.134	1469	6.07	Depth 247 m
70.0	5.05	33.14	5.05	26.19	182.0	0.152	1470	5.4	
80.0	5.24	33.22	5.24	26.23	178.3	0.170	1471	2.6	
90.0	5.44	33.31	5.43	26.28	173.7	0.188	1472	4.4	
100.0	5.28	33.34	5.28	26.33	169.9	0.205	1471	2.0	
110.0	5.35	33.40	5.34	26.37	166.3	0.222	1472	4.2	
120.0	5.57	33.46	5.56	26.39	163.8	0.238	1473	1.9	
130.0	6.01	33.60	5.99	26.44	159.3	0.254	1475	6.9	
140.0	6.20	33.70	6.18	26.50	154.3	0.270	1476	1.9	
150.0	6.30	33.78	6.29	26.55	149.2	0.285	1477	3.0	
160.0	6.55	33.90	6.54	26.61	143.9	0.300	1478	4.7	
170.0	7.21	34.10	7.20	26.69	137.3	0.313	1481	-1.9	
180.0	9.21	34.75	9.19	26.89	118.8	0.328	1490	15.4	
190.0	9.75	35.06	9.72	27.05	104.8	0.337	1492	6.4	
200.0	9.35	35.09	9.33	27.14	96.2	0.347	1491	3.0	
210.0	8.99	35.09	8.97	27.19	90.9	0.357	1490	7.7	
220.0	8.71	35.13	8.69	27.27	83.9	0.365	1489	-1.8	
230.0	8.72	35.14	8.69	27.28	83.5	0.374	1489	-0.3	
237.0	8.72	35.14	8.70	27.28	83.6	0.380	1489		



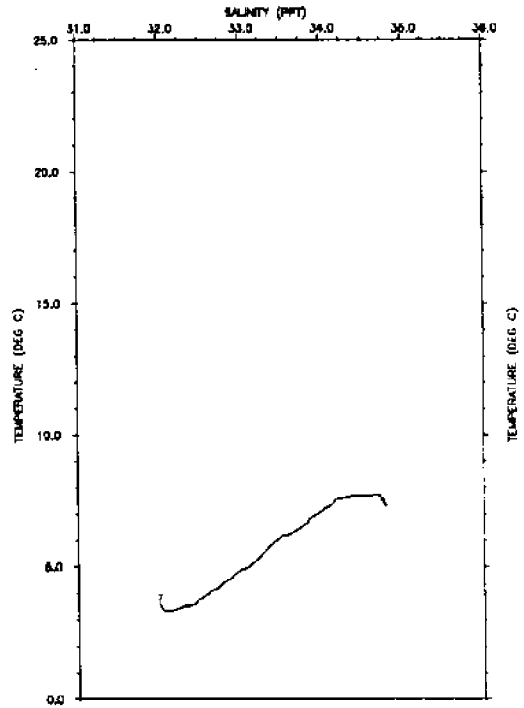
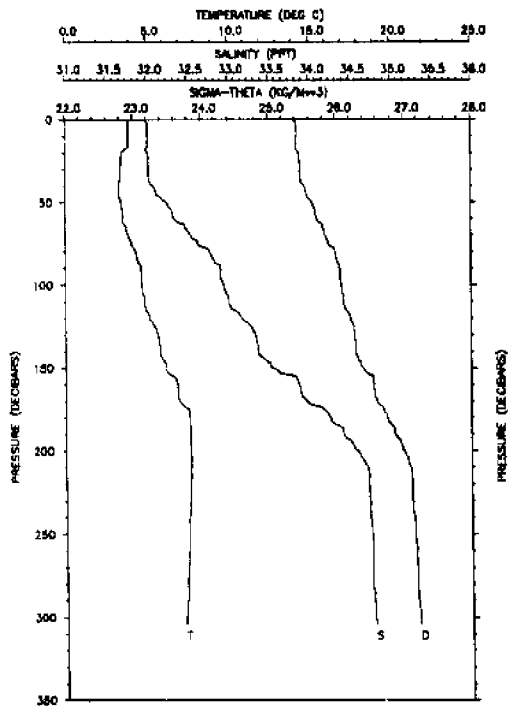
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10m ² /s ²	m/sec	·cph	
0.0	3.62	31.71	3.62	25.21	275.2	0.000	1461	6.05	Cruise EN159
10.0	3.31	31.88	3.31	25.36	260.1	0.027	1460	9.31	Station 58
20.0	3.30	32.03	3.30	25.49	248.2	0.052	1460	-6.96	12 APR 1987
30.0	3.70	32.49	3.70	25.82	217.4	0.076	1463	5.78	0352 UTC
40.0	4.05	32.57	4.05	25.85	214.5	0.097	1464	9.73	42 24.4 N
50.0	4.34	32.72	4.34	25.94	206.2	0.118	1466	8.63	66 19.9 W
60.0	4.61	32.85	4.60	26.01	199.1	0.139	1467	10.50	Depth 253 m
70.0	5.24	33.09	5.24	26.14	187.3	0.158	1470	6.9	
80.0	5.62	33.21	5.62	26.18	183.4	0.176	1472	4.2	
90.0	6.01	33.34	6.00	26.24	178.1	0.195	1474	1.3	
100.0	6.17	33.39	6.16	26.26	176.2	0.212	1475	1.4	
110.0	6.51	33.50	6.50	26.30	172.4	0.230	1477	-6.4	
120.0	6.60	33.54	6.59	26.32	170.6	0.247	1477	4.7	
130.0	6.84	33.68	6.83	26.40	163.6	0.264	1479	5.8	
140.0	6.95	33.78	6.94	26.47	157.4	0.280	1479	2.7	
150.0	6.97	33.82	6.96	26.50	154.7	0.295	1480	4.0	
160.0	6.88	33.84	6.88	26.52	152.7	0.311	1479	2.2	
170.0	6.85	33.85	6.84	26.53	151.8	0.326	1479	7.3	
180.0	6.79	33.91	6.77	26.59	146.3	0.341	1479	-0.5	
190.0	7.07	34.15	7.06	26.74	132.2	0.355	1481	7.0	
200.0	7.27	34.39	7.25	26.90	117.6	0.367	1482	7.3	
210.0	7.44	34.62	7.42	27.06	102.6	0.378	1483	7.2	
220.0	7.56	34.72	7.54	27.12	97.2	0.388	1484	2.6	
230.0	7.60	34.74	7.58	27.13	96.5	0.398	1484	1.6	
240.0	7.63	34.75	7.61	27.14	96.0	0.407	1485	2.8	
249.0	7.67	34.77	7.65	27.15	95.4	0.416	1485		



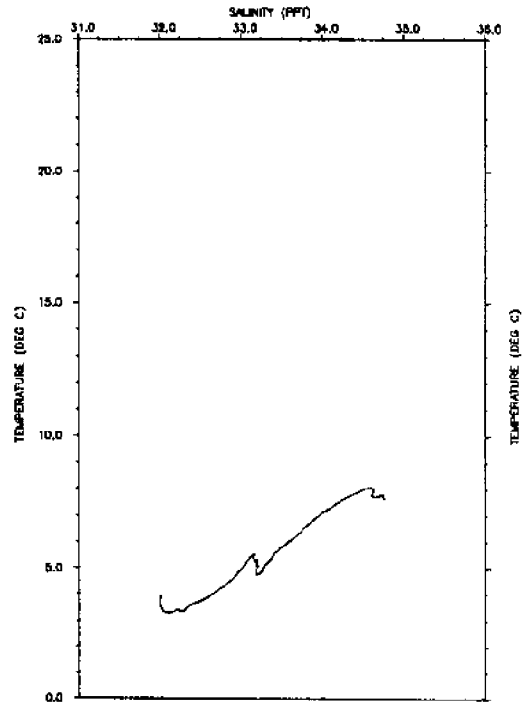
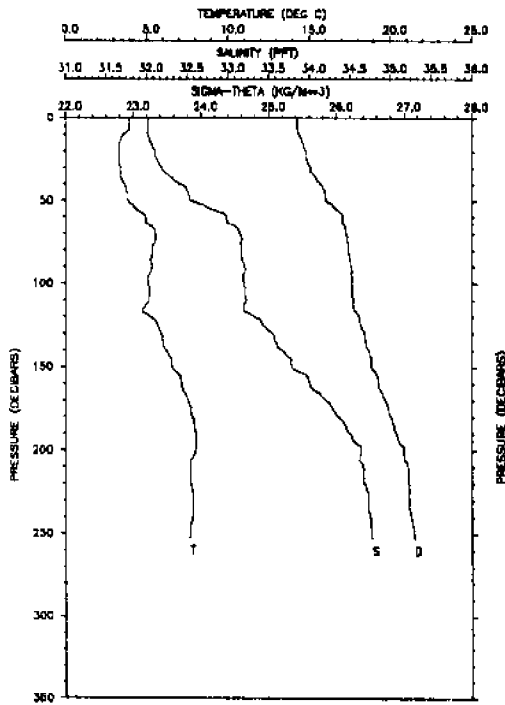
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	3.96	31.58	3.96	25.07	287.8	0.000	1462	17.92	Cruise EN159
10.0	4.21	31.77	4.21	25.20	275.9	0.028	1464	2.69	Station 59
20.0	3.82	31.72	3.82	25.19	276.5	0.055	1462	-3.86	12 APR 1987
30.0	3.41	32.23	3.41	25.84	234.2	0.081	1461	11.02	0537 UTC
40.0	3.29	32.36	3.28	25.75	223.5	0.104	1481	3.76	42 26.4 N
50.0	3.88	32.63	3.88	25.91	208.6	0.126	1464	7.68	66 33.9 W
60.0	4.46	32.80	4.45	25.99	201.1	0.146	1467	-1.90	Depth 294 m
70.0	4.65	32.92	4.64	26.07	194.0	0.166	1468	2.4	
80.0	4.76	33.00	4.75	26.11	189.6	0.185	1468	3.4	
90.0	5.08	33.10	5.07	26.16	185.1	0.204	1470	2.1	
100.0	5.79	33.27	5.78	26.21	180.6	0.222	1473	1.6	
110.0	6.00	33.36	5.99	26.26	176.3	0.240	1474	3.5	
120.0	6.28	33.48	6.27	26.32	171.2	0.257	1476	4.8	
130.0	6.67	33.61	6.66	26.37	166.3	0.274	1478	1.8	
140.0	6.98	33.75	6.97	26.44	160.3	0.290	1479	2.8	
150.0	6.91	33.80	6.90	26.48	156.0	0.306	1479	3.4	
160.0	7.06	33.90	7.05	26.54	150.6	0.322	1480	4.7	
170.0	7.03	33.99	7.01	26.63	143.0	0.336	1480	6.0	
180.0	7.23	34.20	7.21	26.76	130.8	0.350	1481	6.0	
190.0	7.62	34.47	7.60	26.92	116.1	0.362	1483	6.9	
200.0	7.98	34.66	7.96	27.01	107.5	0.374	1485	6.7	
210.0	7.93	34.78	7.90	27.11	98.1	0.384	1485	5.8	
220.0	7.79	34.80	7.77	27.15	94.7	0.394	1485	2.4	
230.0	7.76	34.81	7.74	27.16	93.8	0.403	1485	1.6	
240.0	7.71	34.81	7.69	27.17	92.9	0.412	1485	2.3	
250.0	7.56	34.81	7.53	27.19	91.3	0.422	1485	6.7	
260.0	7.81	34.90	7.79	27.23	88.2	0.430	1486	1.4	
270.0	7.49	34.86	7.47	27.25	86.5	0.439	1485	-3.3	
280.0	7.28	34.82	7.25	27.25	86.4	0.448	1484	3.5	
287.0	7.23	34.83	7.21	27.25	85.8	0.454	1484		



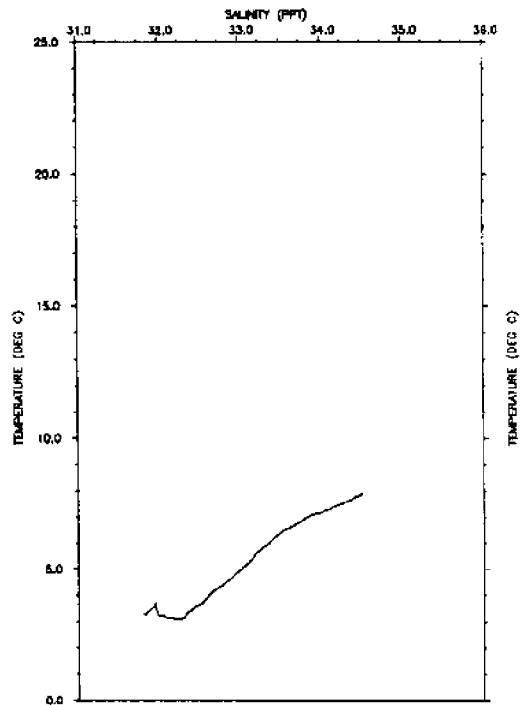
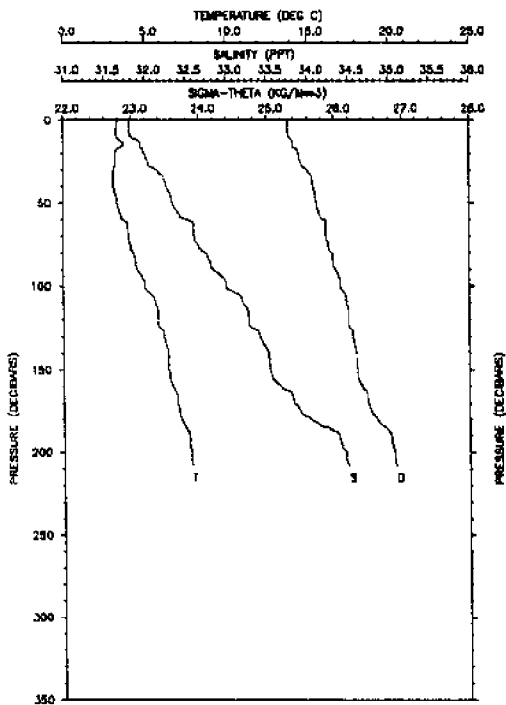
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	3.81	32.05	3.81	25.46	251.2	0.000	1462	-0.17	Cruise EN159
10.0	3.83	32.05	3.82	25.46	251.4	0.025	1462	0.83	Station 60
20.0	3.41	32.05	3.41	25.49	248.0	0.050	1461	9.70	12 APR 1987
30.0	3.15	32.12	3.15	25.57	248.4	0.074	1460	0.76	0800 UTC
40.0	3.21	32.17	3.21	25.61	237.3	0.098	1460	2.97	42 29.9 N
50.0	3.20	32.25	3.20	25.67	231.4	0.122	1461	6.34	67 0.0 W
60.0	3.36	32.34	3.36	25.73	225.9	0.145	1461	6.49	Depth 332 m
70.0	4.02	32.59	4.01	25.87	212.7	0.167	1465	4.0	
80.0	4.34	32.74	4.33	25.96	204.4	0.188	1466	5.8	
90.0	4.99	33.01	4.99	26.10	191.4	0.207	1470	3.9	
100.0	5.20	33.10	5.20	26.15	186.9	0.226	1471	4.1	
110.0	5.53	33.25	5.52	26.23	179.6	0.245	1472	2.5	
120.0	5.69	33.30	5.68	26.25	177.2	0.262	1473	5.8	
130.0	5.90	33.42	5.89	26.32	170.9	0.280	1474	6.1	
140.0	6.39	33.59	6.37	26.39	164.5	0.297	1477	1.9	
150.0	6.64	33.76	6.62	26.49	154.9	0.313	1478	3.5	
160.0	7.35	33.98	7.33	26.57	148.1	0.328	1481	4.7	
170.0	7.16	34.04	7.15	26.64	141.3	0.342	1481	4.0	
180.0	7.58	34.29	7.56	26.78	128.9	0.356	1483	3.7	
190.0	7.71	34.47	7.69	26.91	117.1	0.368	1484	4.4	
200.0	7.54	34.57	7.53	27.01	107.8	0.380	1483	6.5	
210.0	7.51	34.64	7.49	27.07	102.0	0.390	1484	4.1	
220.0	7.40	34.73	7.37	27.15	94.0	0.400	1483	5.3	
230.0	7.22	34.78	7.20	27.22	87.9	0.409	1483	3.9	
240.0	7.14	34.80	7.12	27.25	85.4	0.418	1483	1.9	
250.0	7.10	34.81	7.07	27.26	84.9	0.426	1483	0.4	
260.0	7.10	34.81	7.08	27.26	84.4	0.435	1483	-0.9	
270.0	7.05	34.81	7.02	27.27	84.0	0.443	1483	1.1	
280.0	6.99	34.81	6.96	27.28	83.2	0.451	1483	3.3	
290.0	6.97	34.82	6.95	27.28	82.9	0.460	1483	1.1	
300.0	6.89	34.83	6.86	27.30	81.1	0.468	1483	2.0	
310.0	6.88	34.83	6.85	27.31	81.0	0.476	1483	-0.8	
320.0	6.88	34.83	6.85	27.31	81.2	0.484	1483	0.4	
325.0	6.88	34.84	6.85	27.31	80.4	0.488	1483		



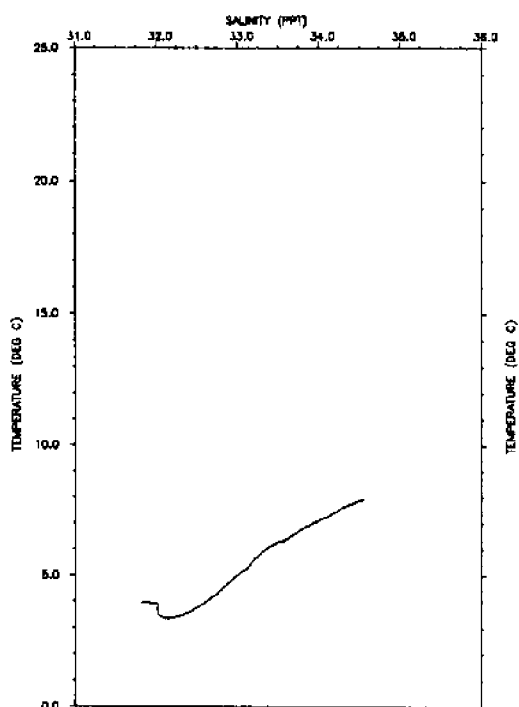
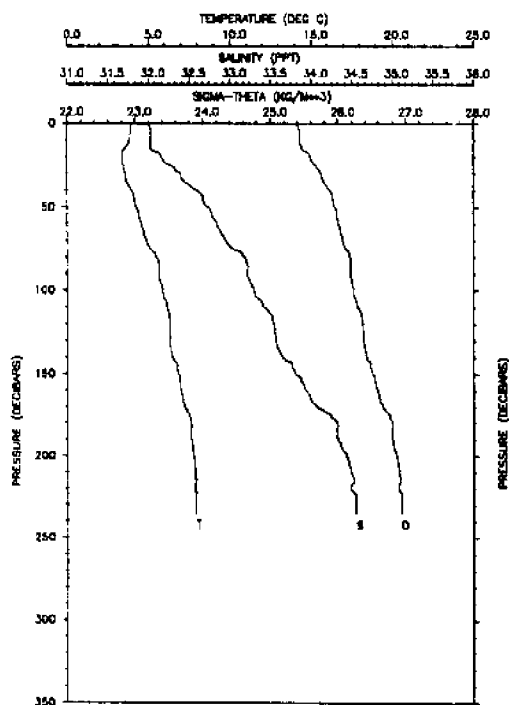
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	3.95	31.98	3.95	25.39	257.8	0.000	1463	7.07	Cruise EN159
10.0	3.95	32.03	3.95	25.43	254.1	0.025	1463	-0.94	Station 61
20.0	3.52	32.03	3.52	25.47	250.5	0.051	1461	3.78	12 APR 1987
30.0	3.42	32.03	3.42	25.48	249.3	0.076	1461	2.33	0945 UTC
40.0	3.33	32.09	3.33	25.54	243.9	0.101	1461	5.52	42 31.2 N
50.0	3.46	32.25	3.46	25.65	233.0	0.125	1462	4.26	67 13.2 W
60.0	3.55	32.35	3.55	25.72	226.7	0.148	1462	6.10	Depth 328 m
70.0	3.88	32.54	3.87	25.84	215.2	0.170	1464	5.4	
80.0	4.37	32.78	4.37	25.99	201.7	0.190	1467	3.6	
90.0	4.66	32.91	4.66	26.05	195.3	0.210	1468	2.5	
100.0	4.75	32.95	4.74	26.08	193.3	0.230	1469	2.7	
110.0	4.89	33.01	4.89	26.11	190.2	0.249	1470	2.8	
120.0	5.19	33.18	5.18	26.21	181.0	0.267	1471	4.1	
130.0	5.69	33.34	5.68	26.28	174.7	0.285	1474	2.0	
140.0	5.80	33.37	5.79	26.29	173.6	0.303	1474	3.2	
150.0	6.15	33.56	6.14	26.40	163.9	0.320	1476	7.6	
160.0	6.85	33.87	6.84	26.55	149.7	0.335	1479	4.7	
170.0	7.04	33.97	7.02	26.60	145.0	0.350	1480	4.3	
180.0	7.60	34.26	7.59	26.75	131.5	0.364	1483	3.0	
190.0	7.68	34.42	7.66	26.87	120.4	0.376	1484	4.1	
200.0	7.69	34.58	7.67	26.99	109.1	0.388	1484	8.7	
210.0	7.71	34.71	7.69	27.10	99.6	0.398	1484	4.5	
220.0	7.66	34.73	7.63	27.12	97.9	0.408	1484	-0.1	
230.0	7.65	34.74	7.62	27.12	97.2	0.418	1485	1.8	
240.0	7.54	34.74	7.52	27.14	95.5	0.427	1484	4.4	
250.0	7.57	34.77	7.55	27.16	94.2	0.437	1485	1.6	
260.0	7.52	34.78	7.50	27.17	93.2	0.446	1485	2.1	
270.0	7.48	34.78	7.46	27.18	92.6	0.455	1485	0.5	
280.0	7.44	34.78	7.42	27.18	92.4	0.465	1485	1.7	
290.0	7.42	34.79	7.39	27.20	91.5	0.474	1485	5.5	
300.0	7.32	34.80	7.29	27.22	89.2	0.483	1485	2.2	
304.0	7.31	34.80	7.28	27.22	88.9	0.486	1485		



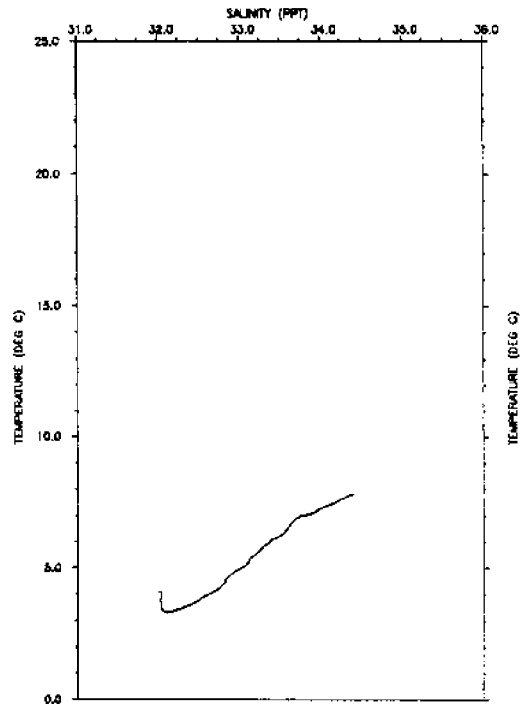
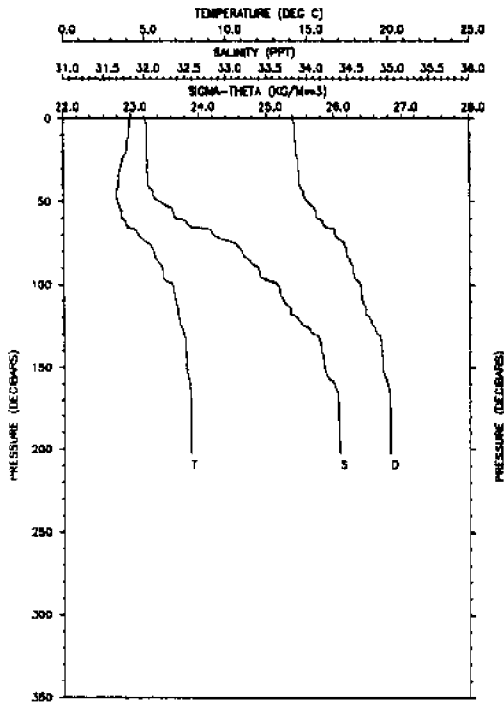
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	3.91	32.02	3.91	25.42	254.6	0.000	1462	-1.46	Cruise EN159
10.0	3.56	32.01	3.56	25.45	252.0	0.025	1461	6.99	Station 62
20.0	3.28	32.10	3.28	25.54	243.2	0.050	1460	3.69	12 APR 1987
30.0	3.38	32.19	3.37	25.61	236.8	0.074	1461	2.90	1107 UTC
40.0	3.65	32.42	3.64	25.77	222.0	0.097	1462	10.08	42 40.1 N
50.0	3.81	32.54	3.81	25.84	214.8	0.119	1463	12.23	67 13.1 W
60.0	4.91	32.98	4.91	26.09	192.1	0.139	1469	-1.85	Depth 261 m
70.0	5.55	33.15	5.54	26.15	186.7	0.158	1472	3.2	
80.0	5.38	33.16	5.37	26.17	184.2	0.177	1471	2.9	
90.0	5.32	33.20	5.32	26.21	180.6	0.195	1471	5.3	
100.0	5.08	33.19	5.07	26.23	178.8	0.213	1470	1.7	
110.0	5.12	33.22	5.12	26.25	176.7	0.230	1471	-2.6	
120.0	5.24	33.33	5.23	26.33	169.9	0.248	1472	7.1	
130.0	5.90	33.54	5.89	26.41	162.1	0.265	1475	5.5	
140.0	6.17	33.67	6.16	26.48	155.8	0.281	1476	4.4	
150.0	6.55	33.78	6.54	26.52	152.4	0.296	1478	4.8	
160.0	7.13	34.00	7.11	26.62	143.6	0.311	1481	2.8	
170.0	7.54	34.21	7.52	26.72	133.9	0.325	1483	6.3	
180.0	7.79	34.36	7.77	26.80	126.6	0.338	1484	7.3	
190.0	8.02	34.51	8.01	26.89	119.1	0.350	1485	4.0	
200.0	8.01	34.64	7.99	26.99	109.5	0.361	1485	3.0	
210.0	7.74	34.67	7.72	27.05	103.6	0.372	1485	1.9	
220.0	7.74	34.69	7.72	27.08	101.6	0.382	1485	-1.8	
230.0	7.83	34.72	7.80	27.08	101.1	0.392	1485	-0.6	
240.0	7.80	34.75	7.77	27.11	98.8	0.402	1485	3.6	
250.0	7.66	34.77	7.63	27.14	95.7	0.412	1485	1.7	
253.0	7.64	34.78	7.62	27.16	94.6	0.415	1485		



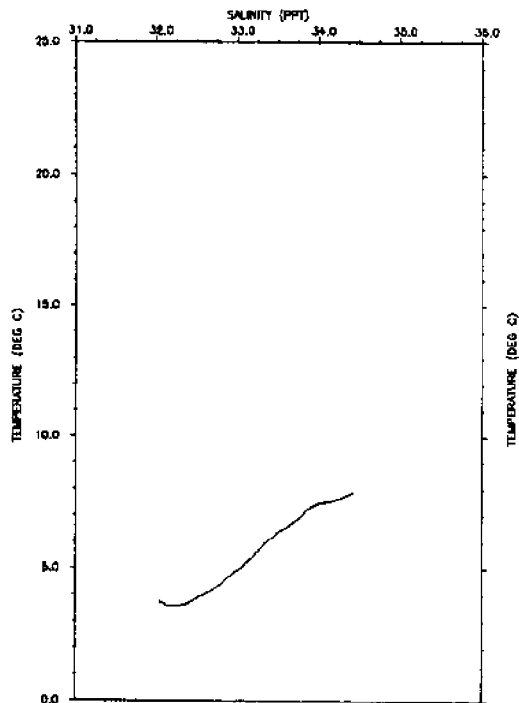
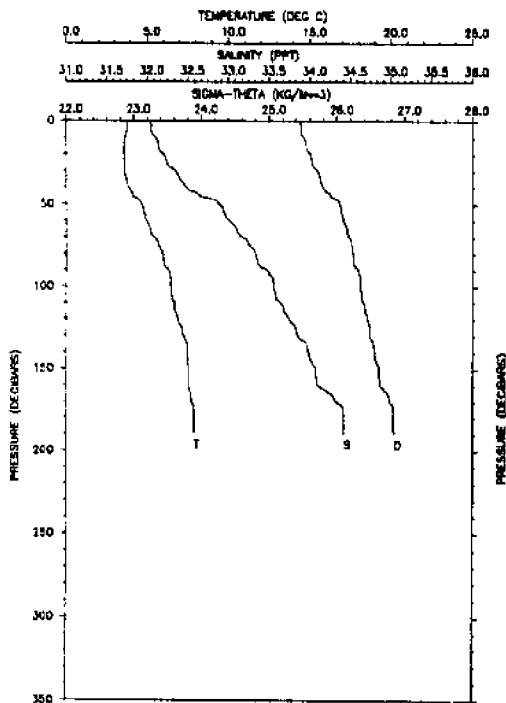
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.29	31.80	3.29	25.31	265.3	0.000	1459	3.26	Cruise EN159
10.0	3.32	31.84	3.32	25.33	263.0	0.026	1460	7.21	Station 63
20.0	3.21	32.00	3.21	25.47	249.7	0.052	1460	4.70	12 APR 1987
30.0	3.13	32.16	3.13	25.61	237.3	0.077	1460	6.08	1222 UTC
40.0	3.10	32.27	3.10	25.70	228.6	0.100	1460	3.85	42 48.9 N
50.0	3.33	32.35	3.33	25.74	224.5	0.122	1461	3.04	67 11.7 W
60.0	3.70	32.53	3.70	25.85	214.0	0.145	1463	8.93	Depth 211 m
70.0	4.03	32.61	4.02	25.89	210.9	0.166	1465	1.5	
80.0	4.33	32.75	4.32	25.96	203.7	0.187	1466	6.3	
90.0	4.54	32.85	4.54	26.02	198.8	0.207	1468	7.0	
100.0	5.00	33.01	4.99	26.10	191.5	0.226	1470	3.7	
110.0	5.65	33.21	5.65	26.18	183.7	0.245	1473	4.6	
120.0	5.86	33.28	5.85	26.21	181.1	0.263	1474	-0.5	
130.0	6.22	33.42	6.21	26.28	175.1	0.281	1476	3.4	
140.0	6.45	33.52	6.43	26.33	170.8	0.298	1477	3.6	
150.0	6.51	33.55	6.50	26.34	169.6	0.315	1477	3.9	
160.0	6.74	33.68	6.72	26.41	162.8	0.332	1479	4.3	
170.0	7.03	33.84	7.01	26.50	154.8	0.347	1480	7.4	
180.0	7.26	34.05	7.24	26.64	142.3	0.362	1481	7.6	
190.0	7.73	34.40	7.71	26.84	123.2	0.376	1484	0.8	
200.0	7.83	34.48	7.81	26.89	118.7	0.388	1484	-3.6	
208.0	7.87	34.51	7.85	26.92	116.6	0.397	1485		



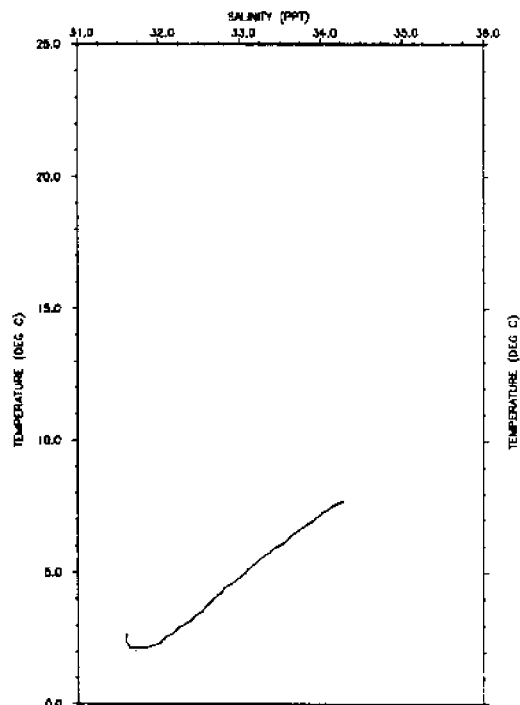
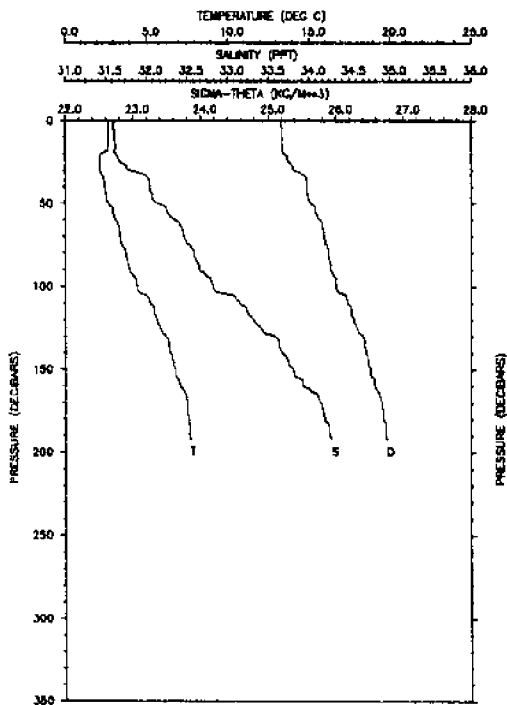
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.96	31.82	3.96	25.26	270.2	0.000	1462	21.41	Cruise EN159
10.0	3.82	32.03	3.82	25.44	253.2	0.025	1462	3.67	Station 64
20.0	3.35	32.15	3.34	25.58	239.4	0.050	1461	5.65	12 APR 1987
30.0	3.56	32.38	3.56	25.75	223.8	0.073	1462	5.43	1330 UTC
40.0	3.94	32.60	3.94	25.88	211.1	0.095	1464	6.33	42 57.3 N
50.0	4.24	32.73	4.24	25.96	204.0	0.116	1466	5.73	67 10.9 W
60.0	4.57	32.84	4.56	26.01	199.2	0.136	1467	2.92	Depth 247 m
70.0	4.88	32.95	4.87	26.07	194.2	0.156	1469	4.0	
80.0	5.49	33.18	5.48	26.18	183.9	0.175	1472	5.2	
90.0	5.66	33.22	5.65	26.19	182.9	0.193	1473	0.9	
100.0	5.88	33.30	5.87	26.23	179.4	0.211	1474	-1.1	
110.0	6.15	33.42	6.14	26.29	173.6	0.229	1475	7.6	
120.0	6.31	33.54	6.30	26.36	166.8	0.246	1476	2.1	
130.0	6.32	33.57	6.31	26.38	165.2	0.262	1476	2.1	
140.0	6.49	33.65	6.48	26.43	161.3	0.279	1477	1.4	
150.0	6.81	33.81	6.80	26.51	154.0	0.294	1479	7.7	
160.0	7.02	33.95	7.01	26.59	146.4	0.309	1480	5.5	
170.0	7.21	34.07	7.20	26.66	139.6	0.324	1481	7.3	
180.0	7.63	34.31	7.61	26.79	127.7	0.337	1483	5.5	
190.0	7.64	34.33	7.62	26.80	127.1	0.350	1483	6.1	
200.0	7.78	34.44	7.76	26.87	121.1	0.362	1484	4.3	
210.0	7.85	34.49	7.83	26.90	118.4	0.374	1485	4.7	
220.0	7.85	34.49	7.83	26.90	118.4	0.386	1485	2.9	
230.0	7.93	34.55	7.91	26.93	115.3	0.397	1485	2.6	
235.0	7.93	34.55	7.91	26.94	115.2	0.403	1486		



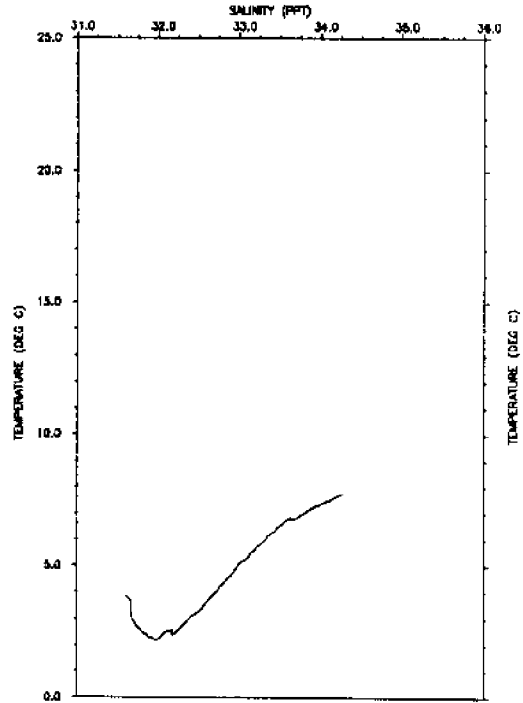
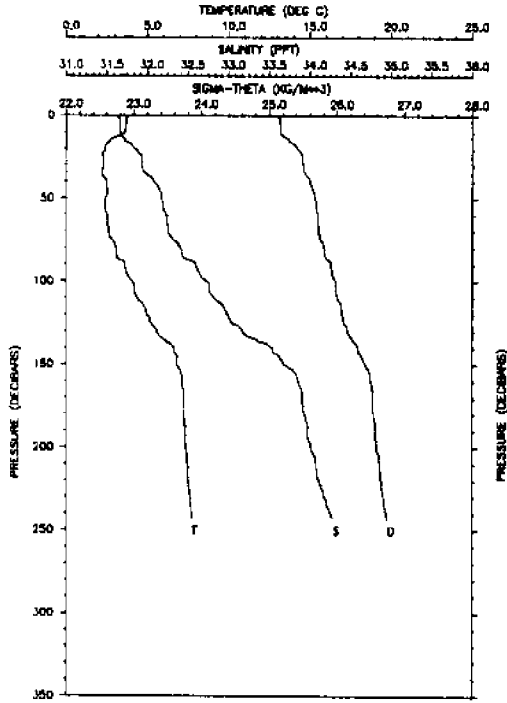
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.11	32.00	4.11	25.39	257.6	0.000	1463	5.54	Cruise EN159
10.0	4.05	32.04	4.05	25.42	254.5	0.026	1463	1.04	Station 85
20.0	3.92	32.03	3.91	25.43	253.6	0.051	1463	2.92	12 APR 1987
30.0	3.51	32.04	3.51	25.48	249.7	0.076	1461	1.90	1445 UTC
40.0	3.41	32.05	3.41	25.49	248.1	0.101	1461	4.89	43 5.9 N
50.0	3.36	32.19	3.36	25.61	237.1	0.125	1461	8.03	67 10.0 W
60.0	3.59	32.38	3.59	25.74	224.6	0.148	1463	15.12	Depth 209 m
70.0	4.65	32.85	4.64	26.01	199.1	0.169	1468	8.5	
80.0	5.57	33.21	5.57	26.19	182.7	0.188	1472	-2.3	
90.0	6.10	33.40	6.09	26.28	174.6	0.206	1475	2.6	
100.0	6.72	33.64	6.71	26.39	164.6	0.223	1477	3.4	
110.0	6.92	33.71	6.91	26.41	162.1	0.239	1479	5.3	
120.0	7.09	33.87	7.08	26.52	152.2	0.255	1480	5.4	
130.0	7.39	34.08	7.38	26.64	141.0	0.270	1481	10.7	
140.0	7.53	34.17	7.51	26.70	136.1	0.283	1482	3.7	
150.0	7.58	34.21	7.58	26.72	134.4	0.297	1482	1.8	
160.0	7.74	34.33	7.73	26.79	127.5	0.310	1483	3.1	
170.0	7.81	34.38	7.79	26.82	125.2	0.323	1484	2.0	
180.0	7.82	34.39	7.80	26.82	125.0	0.335	1484	1.5	
190.0	7.83	34.39	7.81	26.83	124.8	0.348	1484	0.8	
200.0	7.84	34.40	7.82	26.83	124.7	0.360	1484	1.5	
202.0	7.84	34.40	7.82	26.83	124.6	0.363	1484		



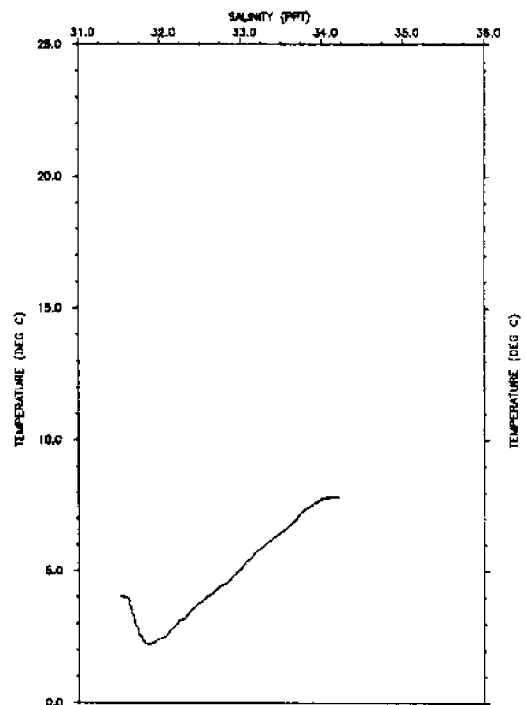
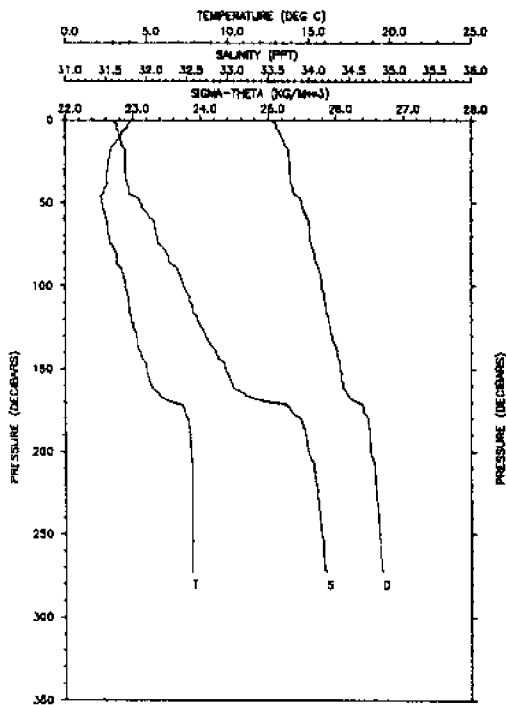
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.75	32.04	3.75	25.46	251.4	0.000	1462	2.97	Cruise EN159
10.0	3.64	32.10	3.64	25.51	246.3	0.025	1462	7.86	Station 66
20.0	3.56	32.20	3.56	25.60	237.9	0.049	1461	5.50	12 APR 1987
30.0	3.62	32.35	3.62	25.71	227.0	0.073	1462	3.90	1607 UTC
40.0	3.82	32.47	3.82	25.79	219.7	0.095	1463	7.79	43 11.7 N
50.0	4.66	32.89	4.65	26.04	196.5	0.116	1467	6.28	67 20.4 W
60.0	4.92	33.00	4.92	26.10	190.9	0.135	1469	8.63	Depth 195 m
70.0	5.39	33.17	5.38	26.18	183.3	0.154	1471	7.3	
80.0	5.93	33.33	5.92	26.24	177.6	0.172	1474	2.4	
90.0	6.27	33.48	6.27	26.31	171.0	0.189	1475	3.3	
100.0	6.46	33.55	6.46	26.35	167.7	0.206	1476	2.0	
110.0	6.63	33.64	6.62	26.40	163.4	0.223	1477	4.1	
120.0	6.87	33.74	6.86	26.45	159.1	0.239	1479	4.9	
130.0	7.21	33.84	7.19	26.48	156.0	0.255	1480	2.9	
140.0	7.45	33.98	7.44	26.56	149.3	0.270	1481	2.6	
150.0	7.51	34.06	7.49	26.61	144.1	0.285	1482	1.1	
160.0	7.52	34.09	7.50	26.64	142.1	0.299	1482	8.6	
170.0	7.72	34.32	7.71	26.78	128.6	0.312	1483	6.2	
180.0	7.86	34.41	7.84	26.84	123.5	0.325	1484	-1.2	
189.0	7.86	34.42	7.84	26.84	123.3	0.336	1484		



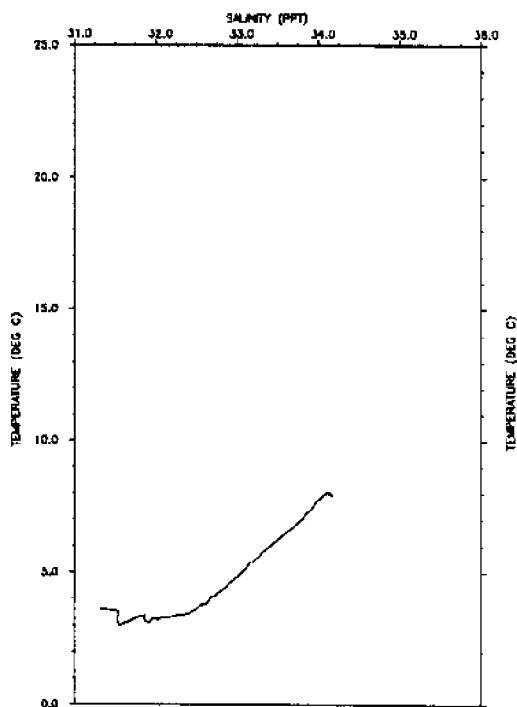
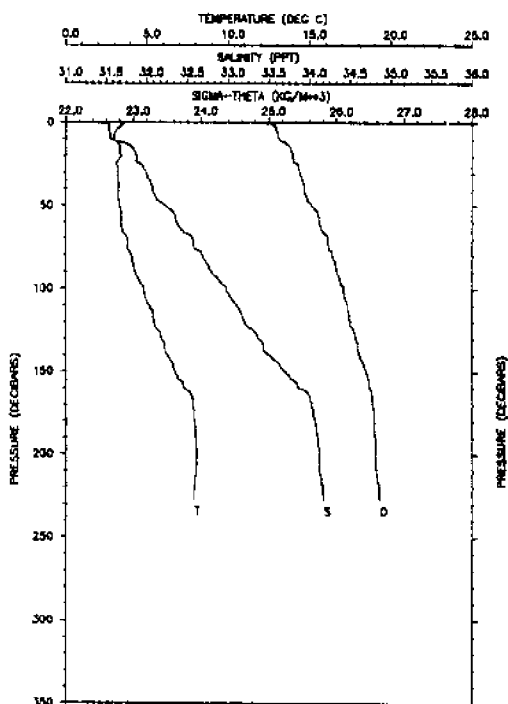
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st2	m/sec	cph	
0.0	2.66	31.59	2.66	25.19	276.5	0.000	1457	2.38	Cruise EN159
10.0	2.65	31.61	2.65	25.21	274.8	0.028	1457	1.03	Station 67
20.0	2.21	31.84	2.21	25.26	269.8	0.055	1455	5.06	12 APR 1987
30.0	2.14	31.81	2.14	25.41	255.7	0.081	1455	12.91	1730 UTC
40.0	2.46	32.05	2.46	25.57	240.3	0.106	1457	0.64	43 17.9 N
50.0	2.65	32.15	2.65	25.64	234.3	0.130	1458	10.52	67 32.0 W
60.0	3.10	32.35	3.09	25.76	222.5	0.152	1460	9.89	Depth 205 m
70.0	3.40	32.47	3.39	25.83	216.4	0.174	1462	4.1	
80.0	3.73	32.58	3.73	25.89	210.6	0.196	1464	-1.4	
90.0	3.97	32.66	3.96	25.93	207.4	0.216	1465	5.7	
100.0	4.45	32.82	4.45	26.01	199.9	0.237	1467	1.7	
110.0	5.26	33.15	5.25	26.18	183.9	0.256	1471	8.1	
120.0	5.66	33.32	5.65	26.27	175.7	0.274	1473	2.3	
130.0	6.20	33.58	6.19	26.41	162.8	0.291	1476	4.7	
140.0	6.48	33.68	6.47	26.45	159.3	0.307	1477	7.2	
150.0	6.79	33.82	6.77	26.52	152.9	0.323	1479	-2.4	
160.0	7.08	33.94	7.07	26.57	147.9	0.338	1480	6.1	
170.0	7.52	34.15	7.50	26.68	138.3	0.352	1482	5.0	
180.0	7.60	34.19	7.58	26.70	136.3	0.365	1483	4.8	
190.0	7.68	34.26	7.66	26.74	132.9	0.379	1483	5.8	
192.0	7.71	34.28	7.69	26.76	131.3	0.381	1484		



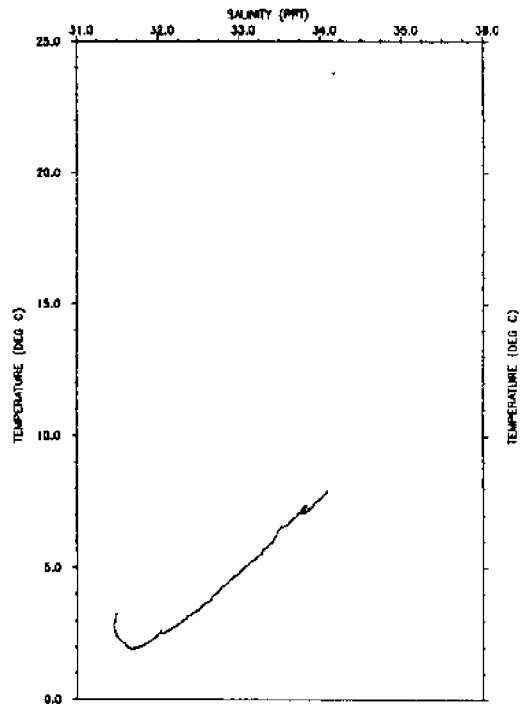
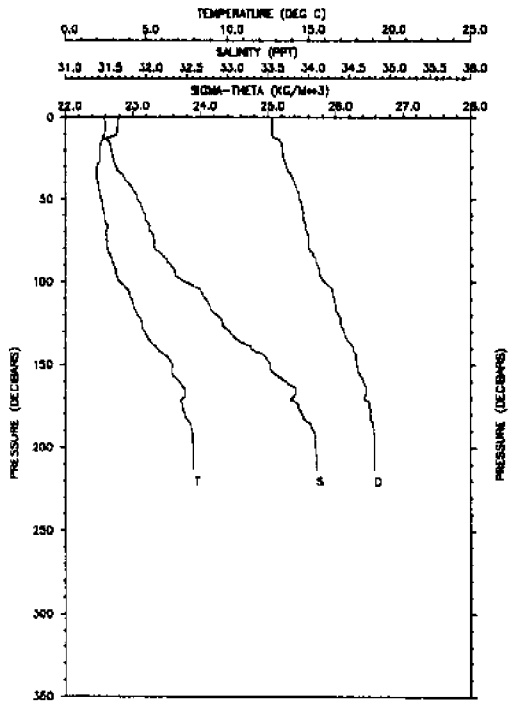
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/s²	m/sec	cph	
0.0	3.84	31.61	3.84	25.10	285.1	0.000	1462	10.22	Cruise EN159
10.0	3.62	31.67	3.62	25.17	278.5	0.028	1461	3.20	Station 58
20.0	2.40	31.86	2.40	25.42	254.4	0.055	1456	4.51	12 APR 1987
30.0	2.28	31.93	2.28	25.49	247.8	0.080	1456	1.75	1852 UTC
40.0	2.49	32.08	2.49	25.60	237.9	0.104	1457	5.17	43 22.9 N
50.0	2.41	32.17	2.40	25.67	231.0	0.127	1457	6.59	67 42.1 W
60.0	2.50	32.23	2.50	25.72	226.9	0.150	1458	4.40	Depth 249 m
70.0	2.61	32.26	2.60	25.73	225.5	0.173	1458	0.5	
80.0	3.07	32.40	3.06	25.81	218.3	0.195	1461	5.1	
90.0	3.62	32.60	3.62	25.91	208.8	0.216	1463	-0.2	
100.0	4.03	32.73	4.02	25.98	202.2	0.237	1465	4.2	
110.0	4.40	32.82	4.39	26.01	199.7	0.257	1467	5.2	
120.0	4.98	32.98	4.97	26.07	193.9	0.277	1470	6.3	
130.0	5.57	33.17	5.56	26.16	186.2	0.296	1473	4.9	
140.0	6.65	33.54	6.64	26.32	171.5	0.314	1478	-1.8	
150.0	6.80	33.68	6.78	26.41	163.0	0.331	1479	8.6	
160.0	7.15	33.86	7.14	26.50	154.8	0.346	1480	1.6	
170.0	7.23	33.90	7.22	26.53	152.5	0.362	1481	-0.5	
180.0	7.27	33.93	7.25	26.54	151.1	0.377	1481	4.2	
190.0	7.33	33.98	7.32	26.57	148.8	0.392	1482	1.6	
200.0	7.39	34.02	7.37	26.59	146.7	0.407	1482	1.3	
210.0	7.48	34.08	7.46	26.63	143.5	0.421	1483	1.9	
220.0	7.53	34.12	7.51	26.65	141.5	0.435	1483	3.9	
230.0	7.64	34.19	7.62	26.69	138.1	0.449	1484	3.1	
240.0	7.75	34.26	7.72	26.74	134.0	0.463	1485	2.7	
243.0	7.77	34.28	7.74	26.75	133.1	0.467	1485		



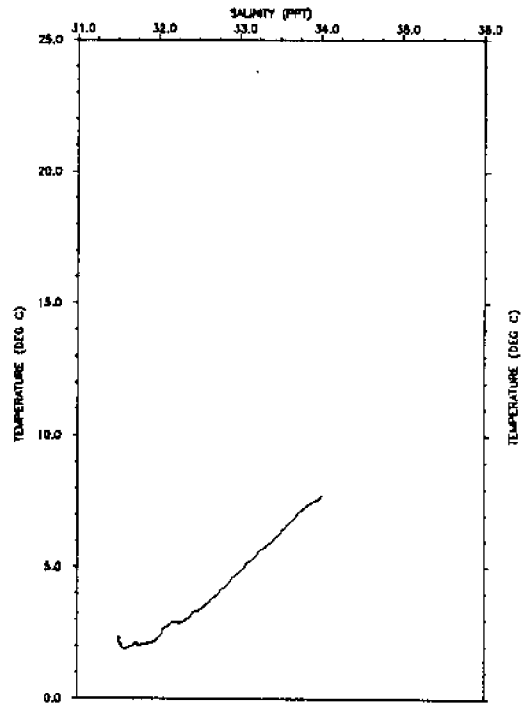
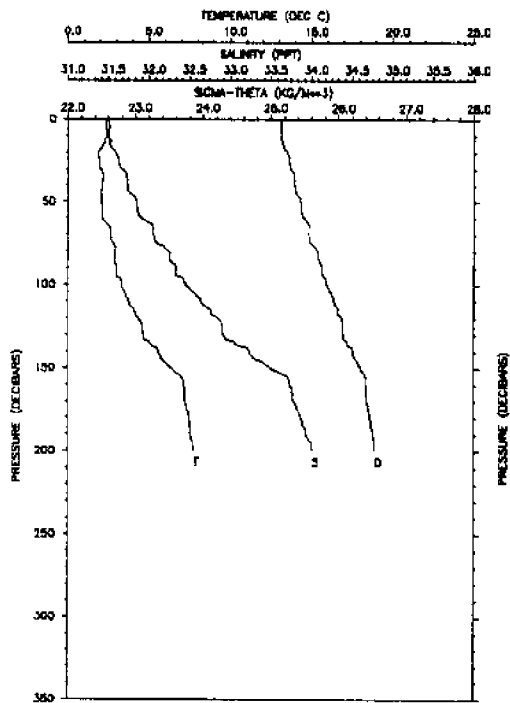
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st2	m/sec	cph	
0.0	4.04	31.51	4.04	25.01	293.7	0.000	1462	15.42	Cruise EN159
10.0	3.34	31.67	3.34	25.20	275.7	0.028	1460	6.59	Station 69
20.0	2.79	31.74	2.79	25.30	266.0	0.055	1458	-2.33	12 APR 1987
30.0	2.59	31.75	2.59	25.32	264.1	0.082	1457	-0.93	2015 UTC
40.0	2.50	31.78	2.49	25.38	261.0	0.108	1457	4.88	43 29.3 N
50.0	2.30	31.93	2.30	25.49	248.0	0.134	1456	5.07	67 52.7 W
60.0	2.51	32.07	2.51	25.58	239.5	0.156	1457	6.31	Depth 279 m
70.0	2.71	32.13	2.70	25.62	235.8	0.182	1459	-0.8	
80.0	3.12	32.25	3.11	25.68	230.4	0.205	1461	5.8	
90.0	3.49	32.38	3.49	25.75	223.7	0.228	1463	4.0	
100.0	3.72	32.46	3.71	25.79	220.2	0.250	1464	3.7	
110.0	3.92	32.55	3.92	25.85	214.9	0.272	1465	2.7	
120.0	4.11	32.63	4.10	25.89	211.0	0.293	1466	3.7	
130.0	4.39	32.74	4.38	25.95	205.8	0.314	1467	4.2	
140.0	4.64	32.86	4.63	26.02	199.1	0.334	1469	3.4	
150.0	5.03	32.98	5.01	26.07	194.4	0.354	1471	3.0	
160.0	5.33	33.07	5.32	26.11	191.2	0.373	1472	-2.3	
170.0	6.59	33.55	6.58	26.33	170.7	0.392	1478	13.7	
180.0	7.57	33.90	7.55	26.48	157.6	0.408	1482	2.8	
190.0	7.70	33.96	7.68	26.51	154.8	0.423	1483	2.3	
200.0	7.76	34.00	7.74	26.52	153.5	0.439	1484	4.3	
210.0	7.82	34.07	7.80	26.57	149.0	0.454	1484	0.8	
220.0	7.82	34.09	7.79	26.59	147.2	0.469	1484	2.1	
230.0	7.81	34.12	7.79	26.61	145.7	0.483	1484	2.5	
240.0	7.81	34.14	7.78	26.63	144.0	0.498	1485	1.9	
250.0	7.80	34.16	7.78	26.65	142.8	0.512	1485	3.1	
260.0	7.81	34.18	7.78	26.66	141.4	0.526	1485	1.8	
270.0	7.80	34.19	7.77	26.67	140.8	0.540	1485	-0.8	
273.0	7.80	34.21	7.77	26.69	139.2	0.545	1485		



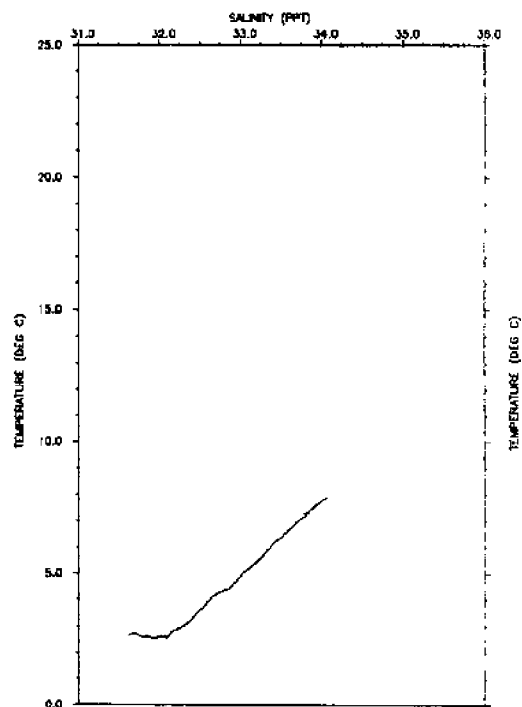
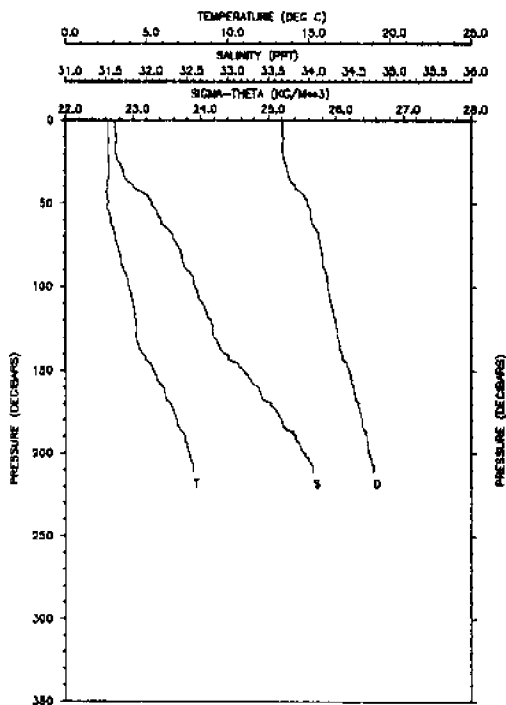
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /m ²	m/sec	cph	
0.0	3.60	31.31	3.60	24.89	305.2	0.000	1460	23.24	Cruise EN159
10.0	2.99	31.56	2.99	25.14	281.4	0.029	1458	8.39	Station 70
20.0	3.40	31.88	3.40	25.36	260.8	0.055	1460	-3.30	12 APR 1987
30.0	3.26	31.99	3.26	25.46	251.1	0.081	1460	3.54	2145 UTC
40.0	3.27	32.07	3.27	25.52	245.5	0.106	1460	3.97	43 38.4 N
50.0	3.34	32.22	3.34	25.64	234.2	0.130	1461	7.64	67 46.5 W
60.0	3.42	32.37	3.42	25.75	224.0	0.153	1462	3.64	Depth 238 m
70.0	3.60	32.56	3.70	25.87	212.7	0.174	1464	2.2	
80.0	4.04	32.68	4.03	25.93	206.5	0.195	1465	4.4	
90.0	4.26	32.79	4.26	26.00	200.2	0.216	1466	5.3	
100.0	4.82	32.98	4.81	26.09	191.8	0.235	1469	4.1	
110.0	5.15	33.11	5.14	26.16	185.6	0.254	1471	-2.1	
120.0	5.43	33.20	5.42	26.20	181.9	0.273	1472	2.4	
130.0	5.89	33.37	5.88	26.28	175.1	0.290	1474	7.4	
140.0	6.26	33.51	6.25	26.35	168.7	0.308	1476	4.5	
150.0	6.72	33.69	6.70	26.43	161.2	0.324	1478	5.4	
160.0	7.31	33.88	7.29	26.49	155.4	0.340	1481	7.9	
170.0	7.84	34.02	7.82	26.53	152.0	0.355	1483	2.4	
180.0	7.94	34.07	7.93	26.55	150.6	0.370	1484	2.5	
190.0	8.02	34.10	8.00	26.57	149.4	0.385	1485	2.3	
200.0	8.06	34.12	8.04	26.58	148.7	0.400	1485	0.7	
210.0	8.05	34.12	8.03	26.58	148.3	0.415	1485	3.4	
220.0	7.94	34.16	7.92	26.63	144.0	0.430	1485	2.3	
227.0	7.92	34.17	7.90	26.64	143.0	0.440	1485		



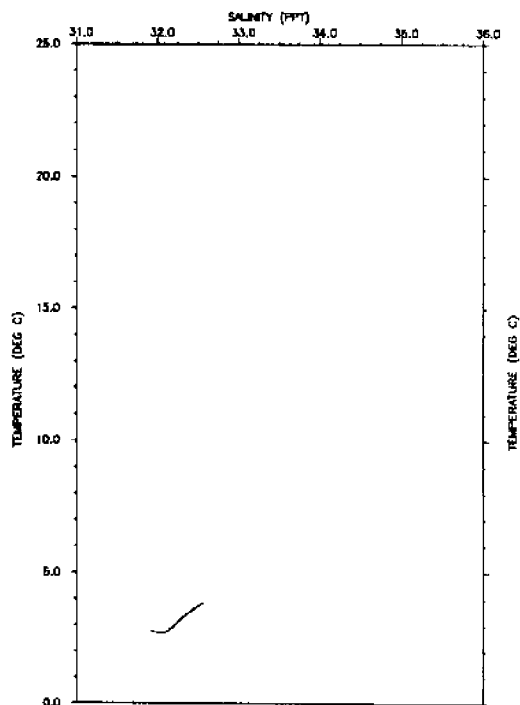
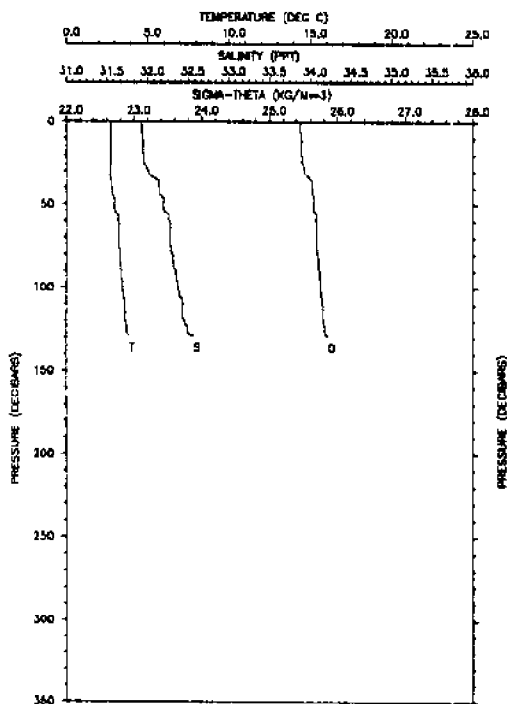
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cpH	
0.0	3.28	31.49	3.28	25.06	289.3	0.000	1459	3.35	Cruise EN159
10.0	3.19	31.49	3.19	25.07	288.6	0.029	1459	4.97	Station 71
20.0	2.15	31.57	2.14	25.21	274.6	0.057	1455	3.72	12 APR 1987
30.0	1.98	31.63	1.98	25.27	268.8	0.084	1454	4.72	2315 UTC
40.0	2.04	31.78	2.03	25.39	257.6	0.110	1455	4.66	43 48.0 N
50.0	2.20	31.89	2.20	25.47	250.6	0.136	1456	6.23	67 40.5 W
60.0	2.44	31.99	2.44	25.52	245.0	0.160	1457	0.48	Depth 226 m
70.0	2.52	32.05	2.51	25.57	240.3	0.185	1458	7.3	
80.0	2.61	32.10	2.61	25.61	237.4	0.209	1458	5.8	
90.0	2.98	32.31	2.98	25.74	225.1	0.232	1460	5.2	
100.0	3.37	32.47	3.36	25.83	215.9	0.254	1462	9.7	
110.0	4.05	32.73	4.04	25.98	202.8	0.275	1466	4.1	
120.0	4.46	32.87	4.45	26.05	196.2	0.295	1468	5.9	
130.0	4.89	33.03	4.88	26.13	189.1	0.314	1470	5.4	
140.0	5.66	33.29	5.65	26.25	177.9	0.332	1473	4.0	
150.0	6.59	33.53	6.58	26.32	171.9	0.350	1478	3.0	
160.0	7.06	33.73	7.04	26.42	162.6	0.367	1480	-4.7	
170.0	7.30	33.78	7.28	26.42	162.6	0.383	1481	7.6	
180.0	7.39	33.91	7.37	26.51	154.2	0.398	1482	4.3	
190.0	7.82	34.06	7.80	26.57	149.3	0.413	1484	2.5	
200.0	7.90	34.09	7.88	26.57	148.7	0.428	1484	1.8	
210.0	7.94	34.09	7.92	26.58	148.9	0.443	1485	-0.8	
213.0	7.94	34.10	7.92	26.58	148.9	0.448	1485		



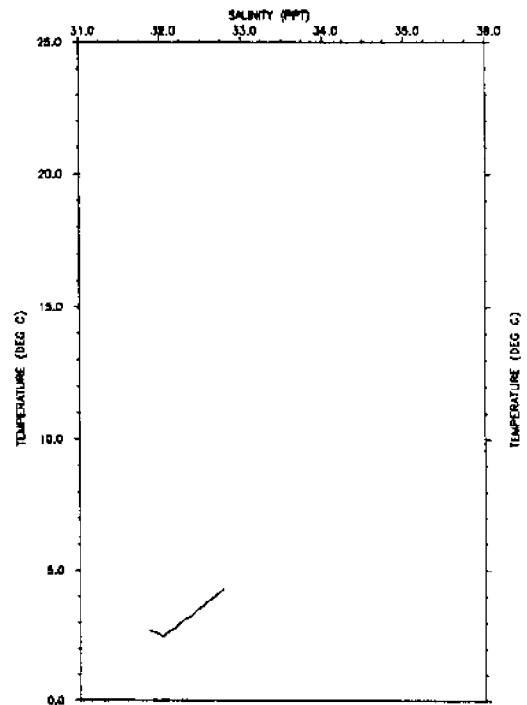
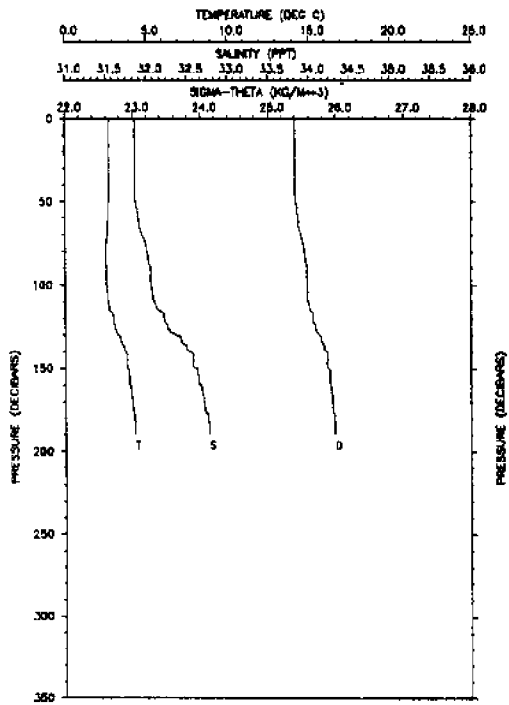
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	2.35	31.51	2.35	25.15	280.1	0.000	1455	0.71	Cruise EN159
10.0	2.30	31.51	2.38	25.15	280.3	0.028	1455	-1.63	Station 72
20.0	1.91	31.59	1.91	25.25	271.4	0.056	1454	1.36	13 APR 1987
30.0	2.00	31.66	2.00	25.29	266.9	0.083	1454	8.93	0045 UTC
40.0	2.12	31.74	2.11	25.35	261.6	0.109	1455	3.03	43 56.8 N
50.0	2.09	31.85	2.09	25.44	252.6	0.135	1455	3.02	67 35.3 W
60.0	2.13	31.91	2.13	25.49	248.5	0.160	1456	8.90	Depth 214 m
70.0	2.63	32.06	2.63	25.57	241.1	0.184	1458	2.2	
80.0	2.90	32.25	2.90	25.70	228.5	0.208	1460	2.7	
90.0	3.05	32.34	3.04	25.76	223.2	0.230	1461	2.0	
100.0	3.32	32.45	3.31	25.83	218.7	0.253	1462	5.4	
110.0	3.74	32.64	3.74	25.93	206.7	0.274	1464	4.0	
120.0	4.33	32.85	4.32	26.05	196.4	0.294	1467	3.2	
130.0	4.63	32.92	4.62	26.07	194.5	0.313	1469	2.7	
140.0	5.61	33.24	5.60	26.21	181.2	0.332	1473	-2.2	
150.0	6.36	33.51	6.34	26.33	170.4	0.350	1477	-2.0	
160.0	7.16	33.74	7.14	26.41	163.7	0.366	1480	3.9	
170.0	7.26	33.78	7.24	26.43	162.0	0.383	1481	4.5	
180.0	7.49	33.88	7.47	26.47	158.1	0.399	1482	3.2	
190.0	7.56	33.94	7.54	26.51	154.7	0.414	1483	3.9	
199.0	7.77	34.01	7.75	26.53	152.5	0.428	1484		



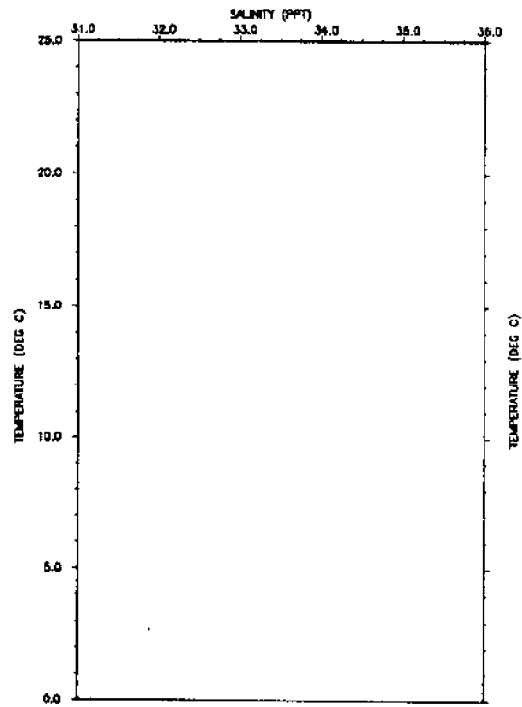
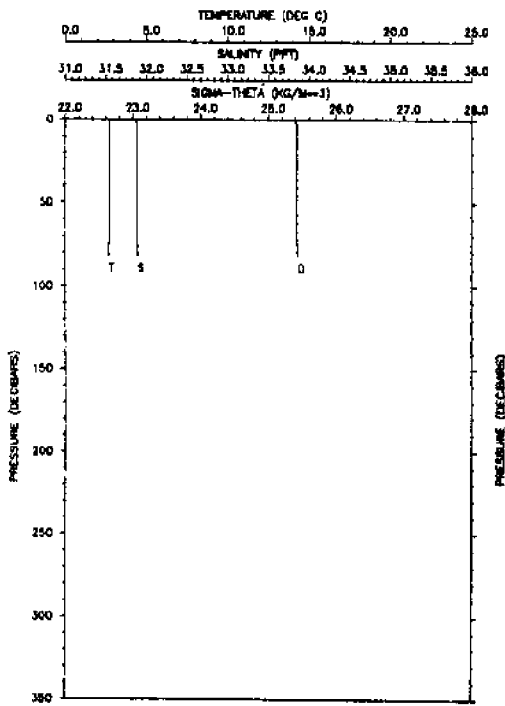
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	2.63	31.61	2.63	25.21	274.7	0.000	1456	1.40	Cruise EN159
10.0	2.62	31.62	2.62	25.22	273.9	0.027	1457	4.60	Station 73
20.0	2.64	31.62	2.64	25.22	273.9	0.055	1457	2.92	13 APR 1987
30.0	2.70	31.71	2.70	25.28	268.0	0.082	1457	3.87	0245 UTC
40.0	2.62	31.84	2.62	25.40	257.2	0.108	1457	6.35	44 5.9 N
50.0	2.66	32.07	2.66	25.57	240.5	0.133	1458	5.39	67 29.0 W
60.0	2.85	32.18	2.84	25.65	233.5	0.157	1459	2.81	Depth 239 m
70.0	3.09	32.32	3.08	25.74	224.6	0.179	1460	3.5	
80.0	3.37	32.42	3.38	25.80	219.3	0.202	1462	2.4	
90.0	3.60	32.50	3.59	25.84	215.7	0.223	1463	6.5	
100.0	3.93	32.60	3.93	25.88	211.6	0.245	1465	3.6	
110.0	4.19	32.69	4.19	25.93	207.2	0.266	1466	4.6	
120.0	4.36	32.80	4.35	26.00	200.7	0.286	1467	1.3	
130.0	4.37	32.84	4.36	26.03	198.0	0.306	1468	5.1	
140.0	4.80	32.97	4.79	26.09	192.6	0.326	1470	8.5	
150.0	5.43	33.20	5.41	26.20	182.4	0.344	1473	3.5	
160.0	6.03	33.37	6.02	26.27	176.5	0.362	1475	3.9	
170.0	6.53	33.54	6.51	26.33	170.7	0.380	1478	-1.6	
180.0	6.87	33.67	6.85	26.39	165.5	0.397	1479	2.7	
190.0	7.38	33.84	7.36	26.46	159.4	0.413	1482	-2.9	
200.0	7.84	33.94	7.62	26.50	155.9	0.429	1483	4.5	
210.0	7.90	34.06	7.88	26.55	151.0	0.444	1484	-1.4	
211.0	7.90	34.06	7.88	26.55	151.1	0.445	1484		



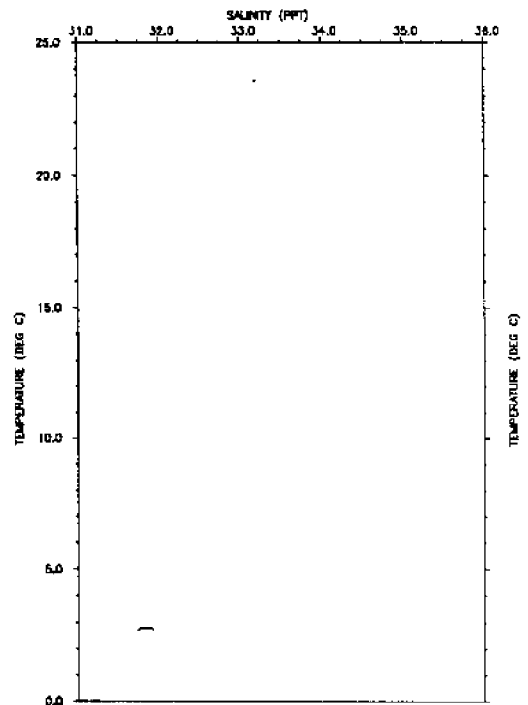
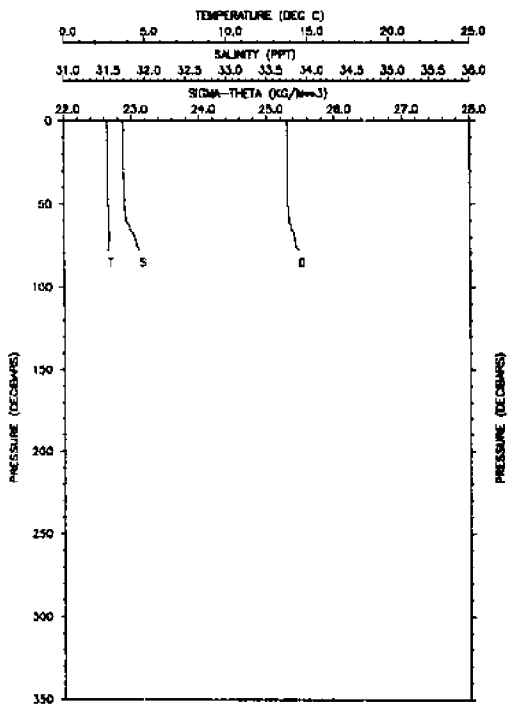
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.76	31.92	2.76	25.45	252.2	0.000	1457	1.87	Cruise EN159
10.0	2.76	31.94	2.76	25.46	251.0	0.025	1458	4.26	Station 74
20.0	2.75	31.95	2.75	25.47	249.7	0.050	1458	1.90	13 APR 1987
30.0	2.71	32.00	2.71	25.52	245.8	0.075	1458	5.29	1515 UTC
40.0	2.81	32.15	2.80	25.62	235.6	0.099	1459	2.82	44 21.6 N
50.0	2.96	32.19	2.96	25.65	233.1	0.122	1459	-5.26	67 20.7 W
60.0	3.20	32.28	3.20	25.69	229.0	0.146	1461	-3.91	Depth 132 m
70.0	3.25	32.28	3.25	25.69	229.2	0.168	1461	0.8	
80.0	3.30	32.31	3.29	25.71	227.7	0.191	1461	1.8	
90.0	3.38	32.34	3.37	25.73	225.5	0.214	1462	1.8	
100.0	3.46	32.38	3.46	25.75	223.8	0.237	1463	1.2	
110.0	3.58	32.43	3.58	25.78	221.2	0.259	1463	3.0	
120.0	3.64	32.46	3.63	25.80	219.6	0.281	1464	-0.9	
129.0	3.86	32.57	3.86	25.86	213.5	0.300	1465		



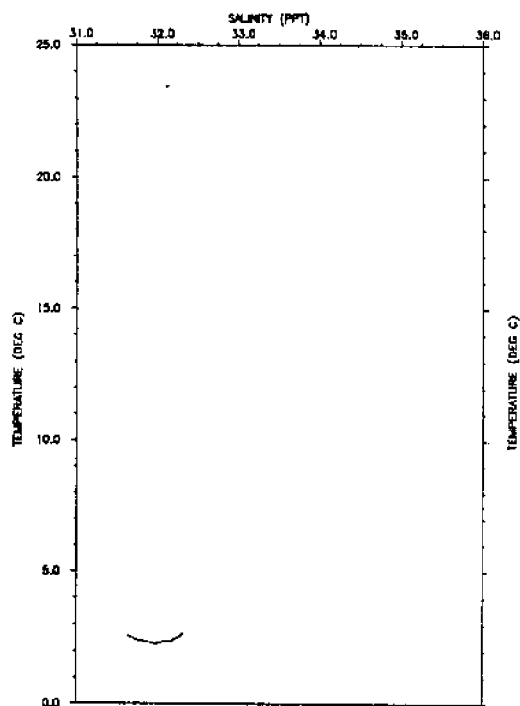
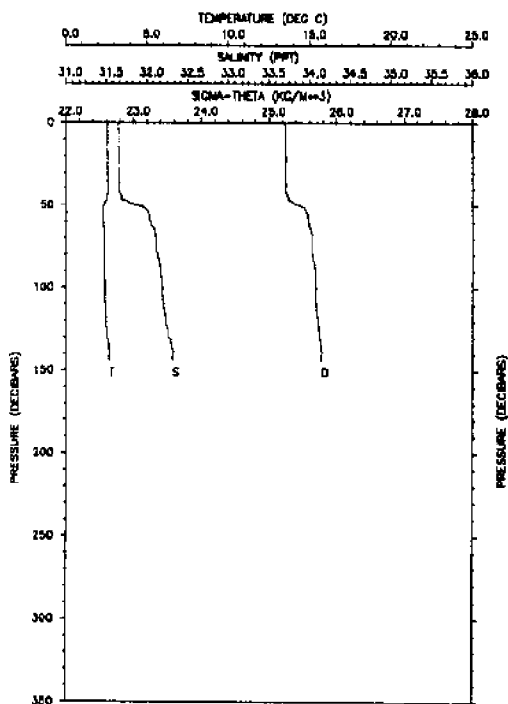
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st+2	m/sec	cph	
0.0	2.71	31.86	2.71	25.40	256.8	0.000	1457	2.22	Cruise EN159
10.0	2.71	31.86	2.71	25.40	256.5	0.026	1457	-0.44	Station 75
20.0	2.70	31.86	2.70	25.40	256.4	0.051	1457	-1.06	13 APR 1987
30.0	2.70	31.86	2.70	25.40	256.5	0.077	1458	0.21	1745 UTC
40.0	2.71	31.86	2.70	25.40	256.6	0.103	1458	1.65	44 11.1 N
50.0	2.70	31.87	2.69	25.41	255.9	0.128	1458	4.69	67 46.1 W
60.0	2.66	31.90	2.65	25.44	253.1	0.154	1458	3.28	Depth 192 m
70.0	2.61	31.95	2.60	25.48	249.1	0.179	1458	5.9	
80.0	2.49	32.01	2.49	25.54	243.6	0.203	1458	4.3	
90.0	2.55	32.06	2.55	25.57	240.5	0.228	1458	-0.8	
100.0	2.58	32.07	2.57	25.58	240.1	0.252	1458	2.2	
110.0	2.65	32.09	2.65	25.60	238.5	0.276	1459	5.8	
120.0	2.97	32.22	2.97	25.67	231.6	0.299	1461	1.8	
130.0	3.27	32.38	3.26	25.77	222.3	0.322	1462	7.9	
140.0	3.70	32.54	3.69	25.86	213.7	0.344	1464	7.5	
150.0	3.91	32.63	3.90	25.91	208.9	0.365	1466	-0.7	
160.0	4.01	32.67	4.00	25.93	207.1	0.386	1466	2.1	
170.0	4.13	32.71	4.12	25.95	205.4	0.406	1467	2.4	
180.0	4.28	32.76	4.27	25.98	203.2	0.427	1468	-1.6	
189.0	4.32	32.77	4.31	25.98	202.8	0.445	1468		



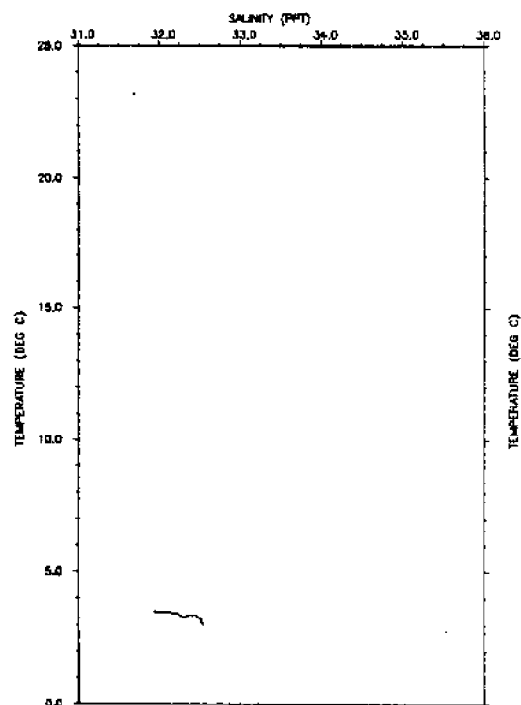
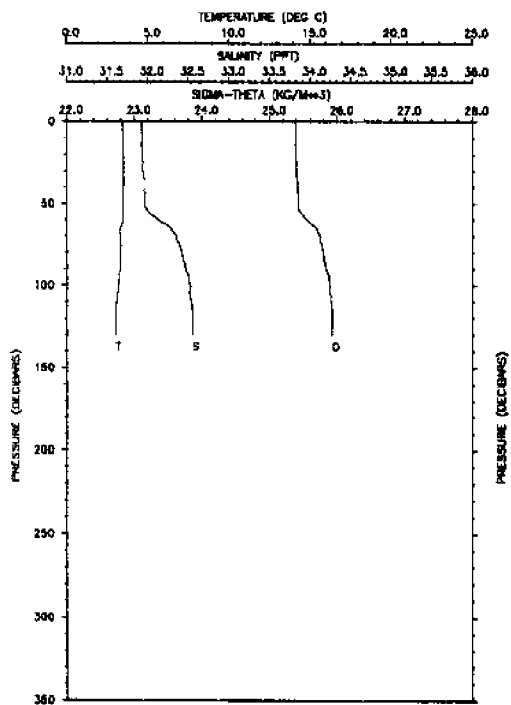
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.74	31.88	2.74	25.42	255.1	0.000	1457	-3.10	Cruise EN159
10.0	2.74	31.89	2.74	25.42	254.7	0.025	1457	1.02	Station 76
20.0	2.74	31.89	2.73	25.42	254.8	0.051	1458	-0.78	13 APR 1987
30.0	2.74	31.89	2.74	25.42	254.8	0.076	1458	0.77	2007 UTC
40.0	2.73	31.89	2.73	25.42	254.7	0.102	1458	1.74	44 1.2 N
50.0	2.73	31.89	2.72	25.42	254.7	0.127	1458	1.12	68 13.2 W
60.0	2.73	31.89	2.73	25.42	254.8	0.153	1458	0.31	Depth 98 m
70.0	2.71	31.89	2.71	25.42	254.5	0.178	1458	-1.2	
80.0	2.68	31.89	2.68	25.43	254.1	0.204	1458	1.0	
82.0	2.68	31.89	2.68	25.43	254.1	0.209	1458		



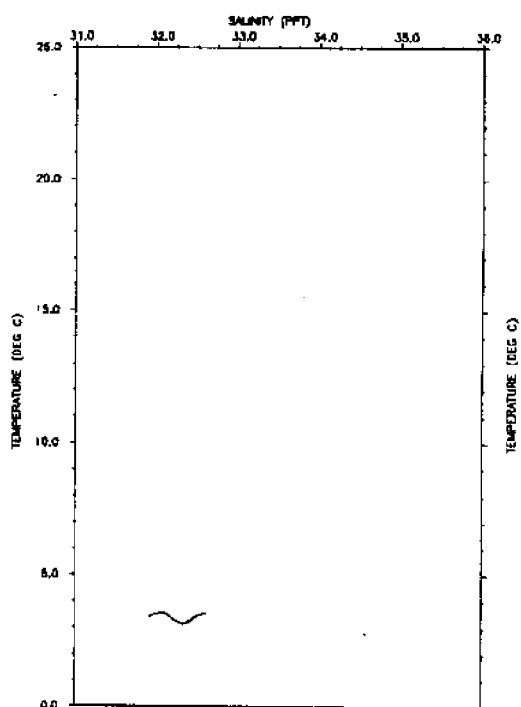
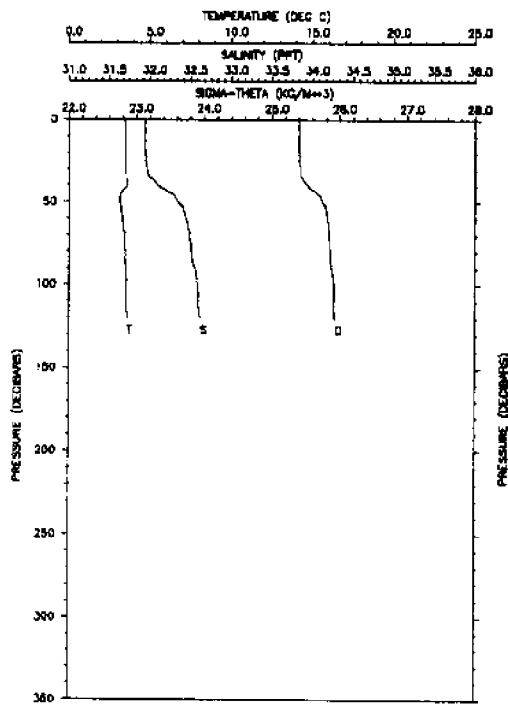
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.69	31.73	2.69	25.30	265.9	0.000	1457	-0.65	Cruise EN159
10.0	2.70	31.74	2.70	25.31	265.7	0.027	1457	1.50	Station 77
20.0	2.71	31.74	2.71	25.31	265.7	0.053	1457	-1.45	13 APR 1987
30.0	2.72	31.74	2.71	25.31	265.6	0.080	1457	-0.80	2322 UTC
40.0	2.72	31.74	2.71	25.31	265.6	0.106	1458	1.22	43 49.2 N
50.0	2.73	31.75	2.73	25.31	265.1	0.133	1458	-0.49	68 40.1 W
60.0	2.76	31.77	2.76	25.33	264.0	0.159	1458	3.74	Depth 95 m
70.0	2.79	31.88	2.78	25.41	255.9	0.185	1459	2.0	
78.0	2.70	31.93	2.69	25.46	251.3	0.206	1458		



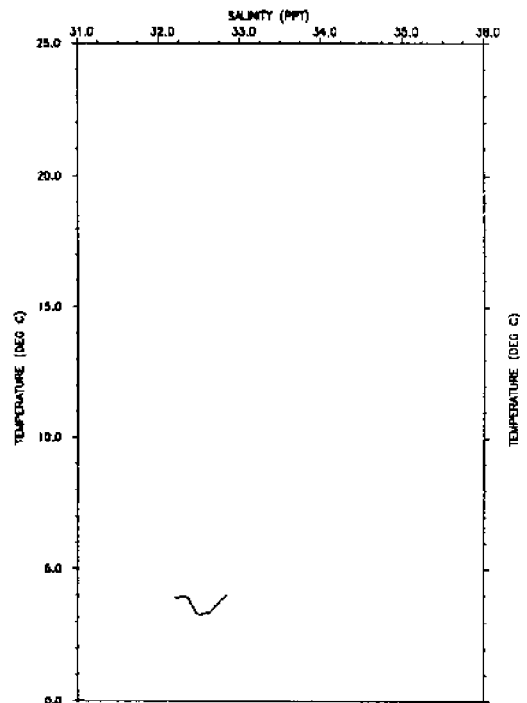
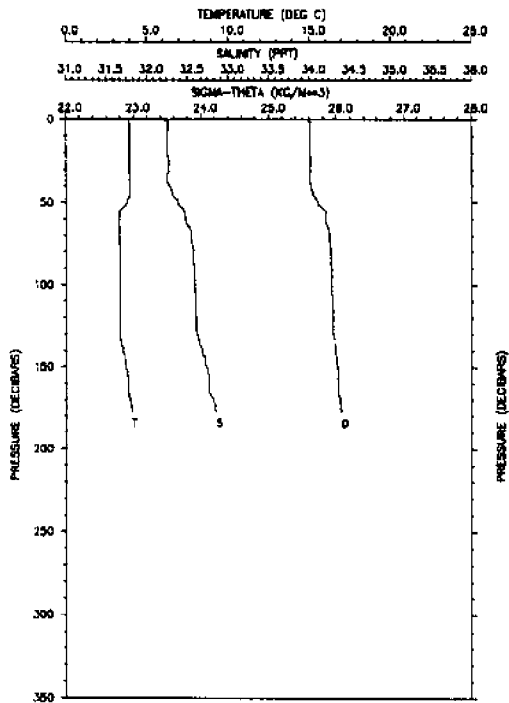
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	mt³/kg	10m²/s²	m/sec	cph	
0.0	2.57	31.65	2.57	25.25	271.2	0.000	1456	-1.07	Cruise EN159
10.0	2.57	31.65	2.57	25.25	271.4	0.027	1456	-0.70	Station 78
20.0	2.57	31.65	2.57	25.25	271.2	0.054	1457	0.64	14 APR 1987
30.0	2.57	31.65	2.57	25.25	271.3	0.081	1457	1.09	0115 UTC
40.0	2.57	31.65	2.57	25.25	271.3	0.109	1457	-0.58	43 39.1 N
50.0	2.35	31.85	2.35	25.42	254.5	0.135	1456	16.65	68 44.9 W
60.0	2.30	32.04	2.30	25.58	239.6	0.159	1457	4.81	Depth 158 m
70.0	2.33	32.10	2.33	25.63	235.3	0.183	1457	1.3	
80.0	2.34	32.13	2.34	25.64	233.7	0.207	1457	2.3	
90.0	2.37	32.17	2.36	25.68	230.3	0.230	1457	-0.8	
100.0	2.39	32.18	2.38	25.69	229.8	0.253	1458	0.6	
110.0	2.42	32.20	2.42	25.70	228.8	0.276	1458	1.9	
120.0	2.47	32.23	2.46	25.72	227.1	0.299	1458	2.3	
130.0	2.52	32.26	2.51	25.74	224.9	0.321	1459	7.1	
140.0	2.65	32.31	2.65	25.77	222.2	0.343	1460	-0.7	
144.0	2.64	32.31	2.63	25.77	222.3	0.352	1460		



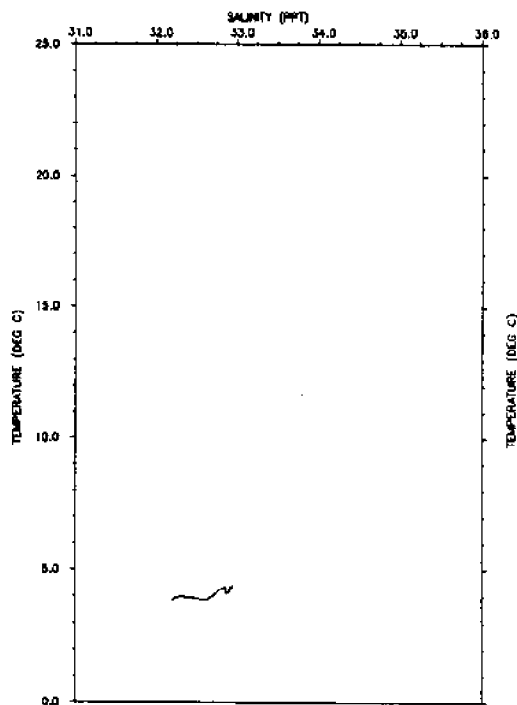
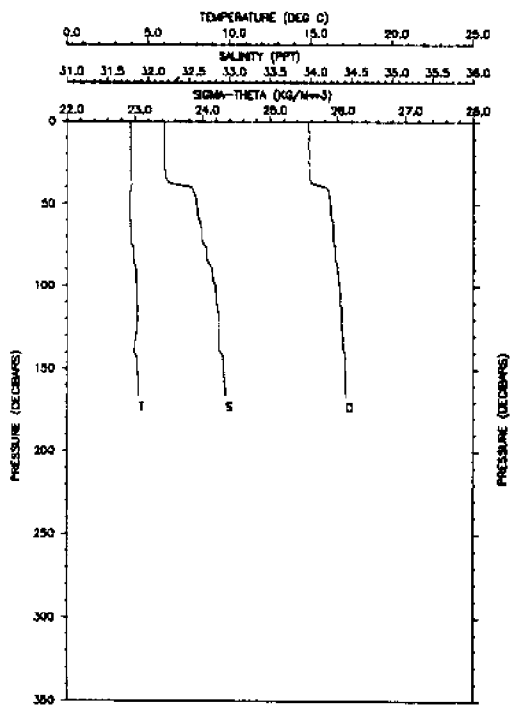
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	3.48	31.93	3.48	25.39	257.2	0.000	1460	1.15	Cruise EN159
10.0	3.48	31.93	3.48	25.39	257.6	0.026	1461	-1.18	Station 79
20.0	3.48	31.93	3.48	25.39	257.5	0.051	1461	3.99	14 APR 1987
30.0	3.50	31.94	3.50	25.40	256.6	0.077	1461	1.35	0300 UTC
40.0	3.49	31.96	3.49	25.41	255.7	0.103	1461	1.29	43 31.1 N
50.0	3.47	31.96	3.47	25.42	254.9	0.128	1461	1.22	68 50.9 W
60.0	3.45	32.13	3.45	25.55	242.4	0.153	1462	9.09	Depth 132 m
70.0	3.34	32.35	3.33	25.74	224.9	0.176	1462	2.5	
80.0	3.37	32.42	3.37	25.79	220.0	0.199	1462	1.5	
90.0	3.32	32.47	3.32	25.83	215.8	0.220	1462	3.5	
100.0	3.21	32.52	3.20	25.89	211.0	0.242	1462	3.6	
110.0	3.07	32.53	3.07	25.91	208.8	0.263	1461	4.4	
120.0	3.03	32.55	3.03	25.93	207.2	0.284	1461	-0.6	
130.0	3.03	32.55	3.03	25.93	207.3	0.304	1461		



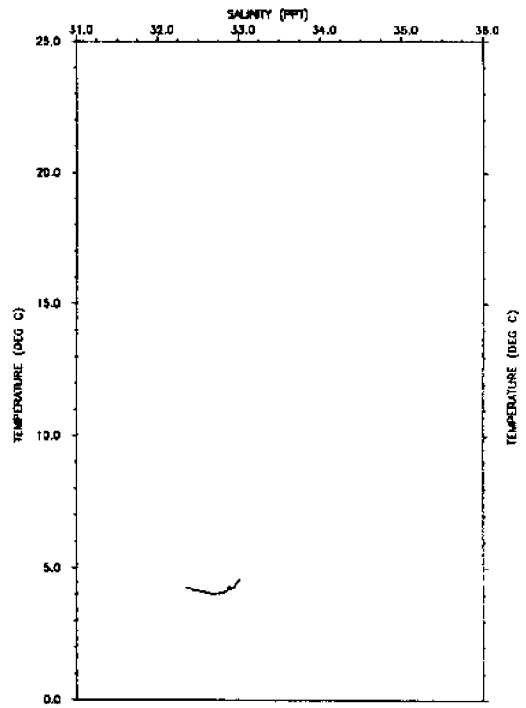
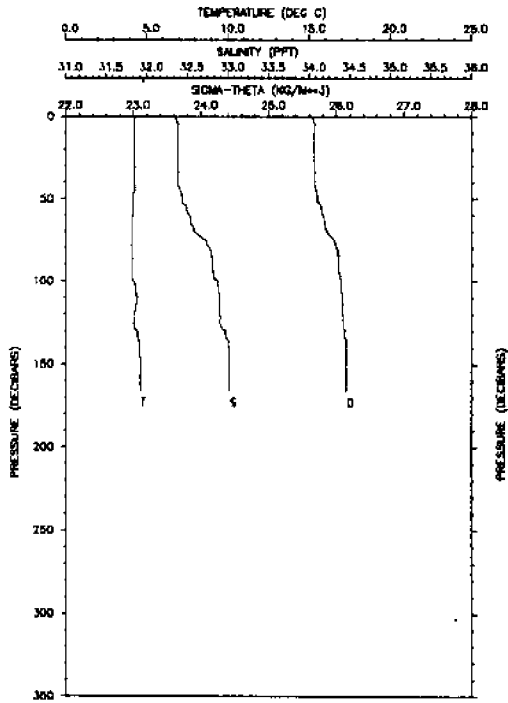
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	3.44	31.94	3.44	25.40	256.4	0.000	1460	-2.35	Cruise EN159
10.0	3.45	31.93	3.45	25.39	257.3	0.026	1460	1.35	Station 80
20.0	3.47	31.94	3.47	25.40	256.7	0.051	1461	-3.42	14 APR 1987
30.0	3.50	31.96	3.50	25.42	255.2	0.077	1461	3.01	0445 UTC
40.0	3.58	32.09	3.58	25.51	246.1	0.102	1462	10.05	43 21.0 N
50.0	3.13	32.34	3.13	25.75	223.3	0.125	1460	6.20	68 56.9 W
60.0	3.30	32.44	3.30	25.82	217.2	0.147	1461	2.39	Depth 126 m
70.0	3.40	32.49	3.40	25.85	214.8	0.169	1462	1.5	
80.0	3.45	32.51	3.45	25.86	213.7	0.190	1462	-1.1	
90.0	3.50	32.55	3.49	25.88	211.2	0.212	1463	4.5	
100.0	3.54	32.59	3.53	25.91	208.5	0.233	1463	1.0	
110.0	3.55	32.60	3.54	25.92	208.2	0.253	1463	2.2	
120.0	3.57	32.62	3.56	25.93	206.6	0.274	1464		



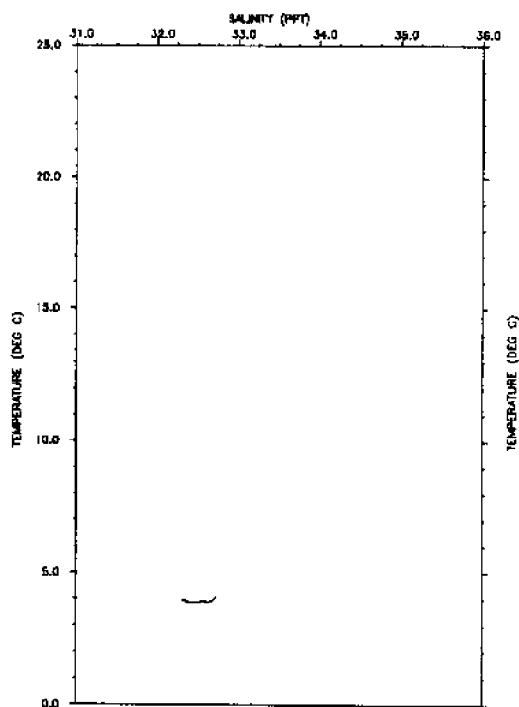
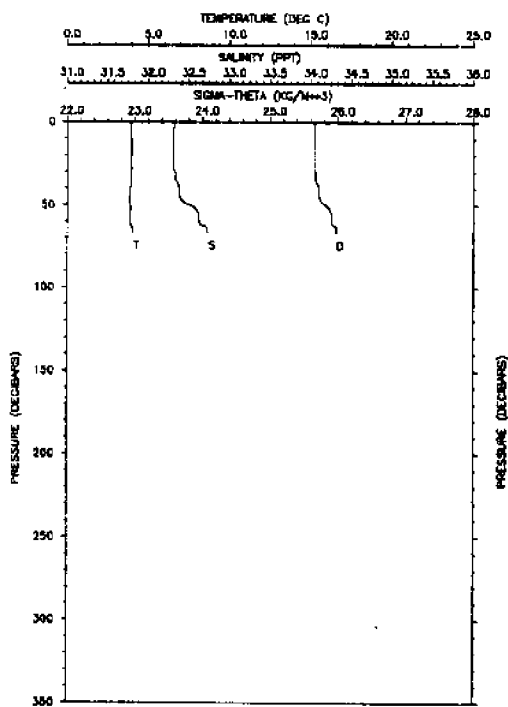
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st2	m/sec	cph	
0.0	3.91	32.19	3.91	25.56	241.3	0.000	1463	11.33	Cruise EN159
10.0	3.93	32.26	3.93	25.61	236.6	0.024	1463	-0.65	Station 81
20.0	3.94	32.26	3.93	25.61	236.8	0.047	1463	-0.41	14 APR 1987
30.0	3.94	32.27	3.94	25.62	236.1	0.071	1463	3.91	0622 UTC
40.0	3.95	32.28	3.94	25.63	235.1	0.095	1464	2.53	43 12.6 N
50.0	3.81	32.39	3.81	25.72	226.1	0.110	1463	-1.98	69 2.6 W
60.0	3.32	32.48	3.32	25.84	214.8	0.140	1461	0.73	Depth 188 m
70.0	3.32	32.55	3.32	25.90	209.7	0.161	1462	0.9	
80.0	3.36	32.57	3.35	25.92	208.0	0.182	1462	-0.2	
90.0	3.36	32.58	3.35	25.92	207.5	0.202	1462	2.3	
100.0	3.36	32.59	3.35	25.93	206.7	0.223	1462	-0.6	
110.0	3.35	32.60	3.34	25.94	206.0	0.244	1463	0.7	
120.0	3.35	32.60	3.34	25.94	205.9	0.264	1463	1.6	
130.0	3.35	32.61	3.34	25.95	205.1	0.285	1463	3.0	
140.0	3.52	32.68	3.51	25.98	202.0	0.305	1464	-1.7	
150.0	3.69	32.74	3.68	26.02	199.1	0.325	1465	3.4	
160.0	3.82	32.76	3.81	26.03	198.4	0.345	1466	1.2	
170.0	3.96	32.82	3.95	26.06	195.8	0.365	1466	-1.4	
177.0	4.05	32.85	4.04	26.07	194.5	0.379	1467		



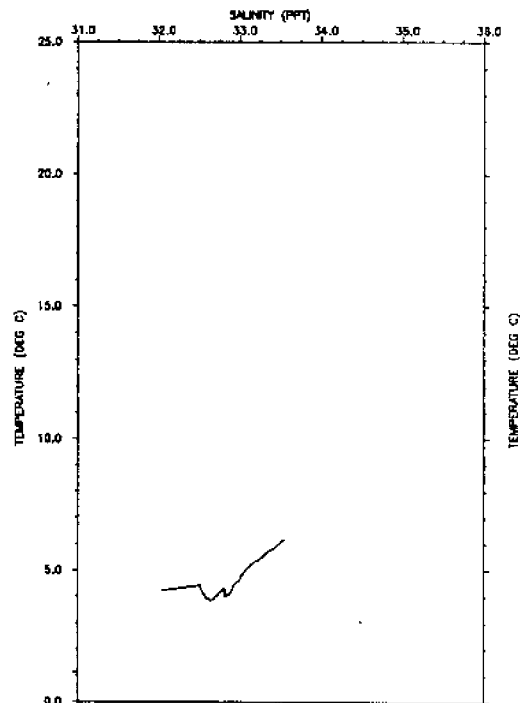
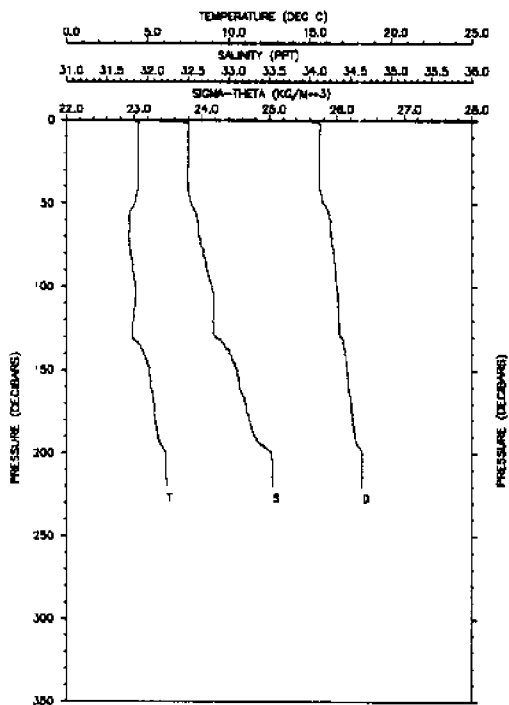
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/m+2	m/sec	cph	
0.0	3.88	32.20	3.88	25.57	240.6	0.000	1463	0.22	Cruise EN159
10.0	3.88	32.20	3.88	25.57	240.6	0.024	1463	1.30	Station 82
20.0	3.88	32.20	3.88	25.57	240.6	0.048	1463	-0.93	14 APR 1987
30.0	3.90	32.21	3.90	25.58	240.0	0.072	1463	2.60	0845 UTC
40.0	3.89	32.53	3.89	25.84	215.6	0.096	1464	6.51	43 4.4 N
50.0	3.86	32.59	3.86	25.88	211.1	0.117	1464	4.56	69 8.3 W
60.0	3.86	32.62	3.86	25.91	208.9	0.138	1464	6.48	Depth 173 m
70.0	3.94	32.66	3.93	25.93	206.6	0.159	1464	-1.0	
80.0	4.08	32.71	4.07	25.98	204.0	0.179	1465	-0.9	
90.0	4.24	32.78	4.23	25.99	201.0	0.200	1466	4.1	
100.0	4.30	32.82	4.29	26.02	198.4	0.219	1467	3.8	
110.0	4.32	32.83	4.32	26.03	197.6	0.239	1467	3.1	
120.0	4.33	32.86	4.32	26.05	195.7	0.259	1467	2.0	
130.0	4.25	32.87	4.24	26.07	194.5	0.278	1467	1.9	
140.0	4.12	32.89	4.12	26.09	191.8	0.298	1467	5.1	
150.0	4.31	32.92	4.30	26.10	191.0	0.317	1468	2.3	
160.0	4.38	32.94	4.36	26.11	190.4	0.336	1468	-0.7	
166.0	4.41	32.95	4.40	26.12	190.0	0.347	1468		



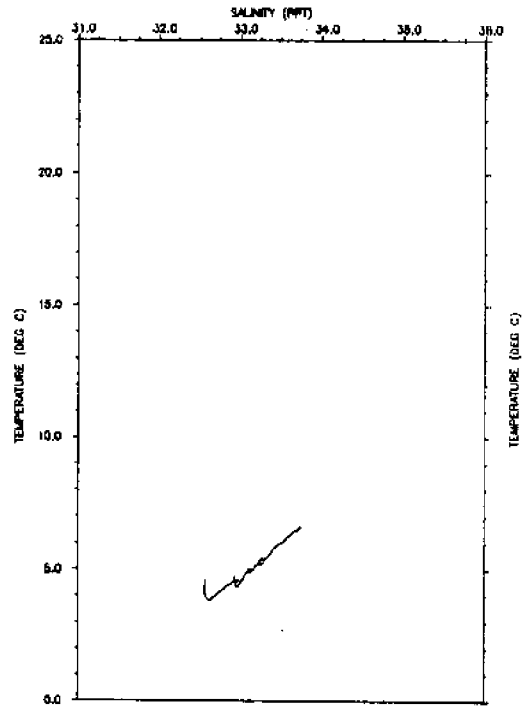
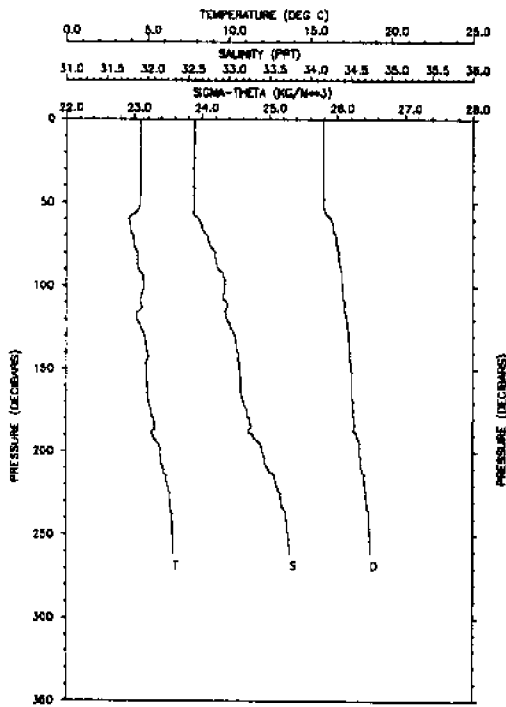
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.25	32.35	4.25	25.65	232.9	0.000	1464	4.15	Cruise EN159
10.0	4.27	32.38	4.27	25.67	230.8	0.023	1465	-1.38	Station 83
20.0	4.27	32.38	4.27	25.67	231.0	0.046	1465	-0.43	14 APR 1987
30.0	4.28	32.38	4.27	25.67	231.0	0.069	1465	-1.04	1045 UTC
40.0	4.27	32.38	4.27	25.68	230.4	0.092	1465	1.18	42 54.2 N
50.0	4.19	32.43	4.19	25.72	226.6	0.115	1465	1.47	69 14.1 W
60.0	4.13	32.51	4.13	25.80	219.4	0.137	1465	6.66	Depth 170 m
70.0	4.08	32.59	4.08	25.86	213.7	0.159	1465	8.0	
80.0	4.06	32.76	4.05	26.00	200.0	0.180	1465	8.9	
90.0	4.09	32.81	4.09	26.03	197.3	0.199	1466	0.9	
100.0	4.19	32.87	4.19	26.08	193.3	0.219	1466	-5.6	
110.0	4.36	32.90	4.35	26.08	193.0	0.238	1467	1.4	
120.0	4.25	32.90	4.24	26.09	192.2	0.258	1467	3.6	
130.0	4.38	32.96	4.37	26.13	188.5	0.277	1468	-4.2	
140.0	4.55	33.01	4.54	26.15	187.0	0.296	1469	-0.5	
150.0	4.56	33.01	4.55	26.15	187.2	0.314	1469	-0.1	
160.0	4.58	33.02	4.57	26.15	187.0	0.333	1469	1.9	
166.0	4.59	33.02	4.58	26.15	186.9	0.344	1469		



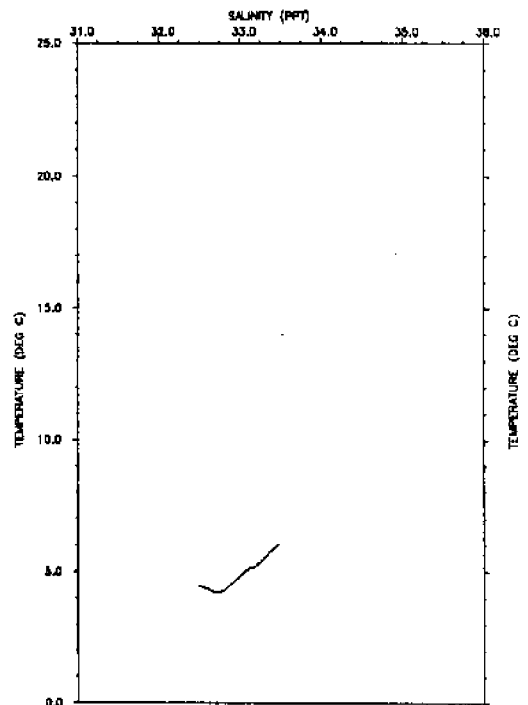
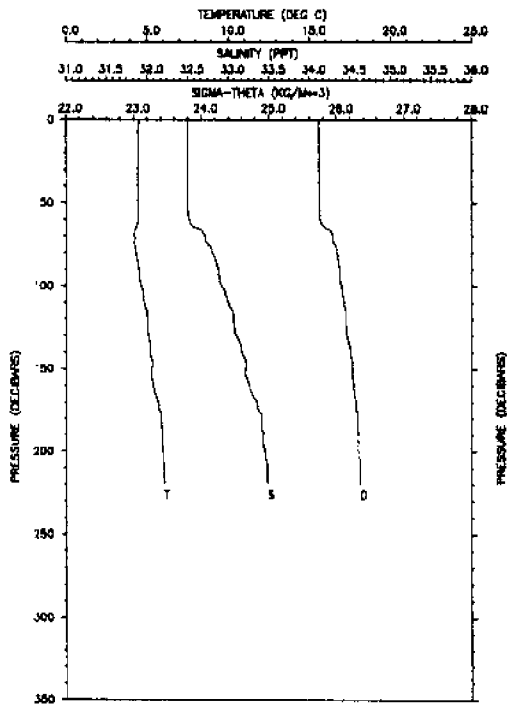
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.96	32.32	3.96	25.66	232.3	0.000	1463	-0.54	Cruise EN159
10.0	3.96	32.31	3.96	25.65	233.0	0.023	1463	-2.58	Station 84
20.0	3.97	32.31	3.97	25.65	233.3	0.047	1463	1.25	14 APR 1987
30.0	3.95	32.32	3.95	25.66	232.1	0.070	1463	4.89	1245 UTC
40.0	3.90	32.38	3.90	25.71	227.1	0.093	1463	3.11	42 45.5 N
50.0	3.88	32.51	3.88	25.81	217.7	0.115	1464	10.87	69 20.1 W
60.0	3.88	32.63	3.87	25.91	208.6	0.138	1464	2.14	Depth 75 m
67.0	4.08	32.74	4.07	25.98	202.2	0.151	1465		



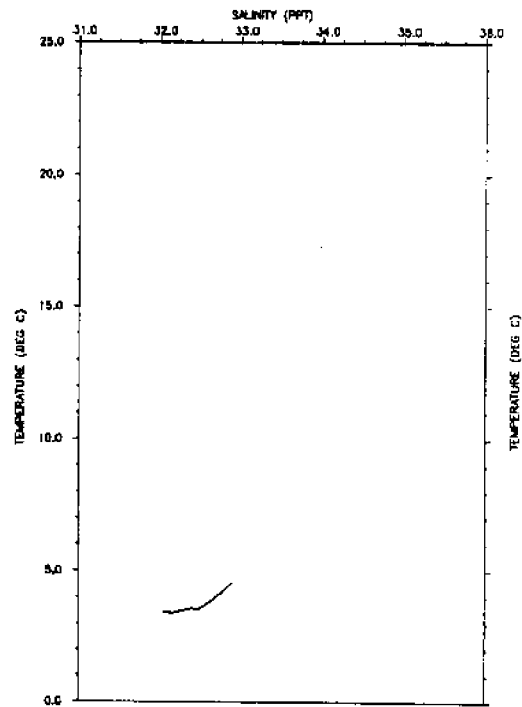
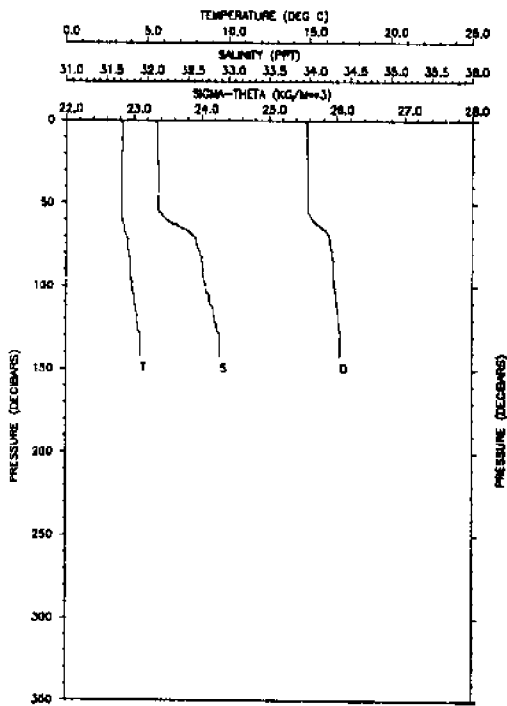
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.22	32.04	4.22	25.41	255.9	0.000	1464	30.56	Cruise EN159
10.0	4.46	32.50	4.46	25.75	223.4	0.023	1465	0.19	Station 85
20.0	4.45	32.50	4.45	25.75	223.5	0.045	1466	0.32	14 APR 1987
30.0	4.47	32.50	4.47	25.75	223.9	0.067	1466	2.02	1407 UTC
40.0	4.45	32.50	4.44	25.75	223.6	0.090	1466	1.34	42 38.0 N
50.0	4.23	32.53	4.22	25.80	219.1	0.112	1465	6.48	69 24.3 W
60.0	3.90	32.62	3.90	25.90	209.4	0.133	1464	2.60	Depth 234 m
70.0	3.84	32.64	3.84	25.92	207.6	0.154	1464	4.4	
80.0	3.99	32.69	3.98	25.95	204.7	0.175	1465	1.8	
90.0	4.11	32.74	4.11	25.98	202.6	0.195	1466	3.1	
100.0	4.28	32.80	4.27	26.01	199.8	0.215	1467	2.8	
110.0	4.25	32.82	4.24	26.03	197.8	0.235	1467	1.1	
120.0	4.14	32.81	4.13	26.03	197.4	0.255	1466	3.4	
130.0	4.06	32.83	4.05	26.06	195.3	0.274	1466	7.3	
140.0	4.80	33.00	4.79	26.11	190.2	0.293	1470	8.5	
150.0	5.13	33.10	5.12	26.16	186.2	0.312	1471	1.5	
160.0	5.21	33.13	5.20	26.17	185.1	0.331	1472	2.9	
170.0	5.42	33.21	5.40	26.21	181.3	0.349	1473	-1.8	
180.0	5.49	33.26	5.48	26.24	178.9	0.367	1473	2.1	
190.0	5.66	33.32	5.65	26.27	178.3	0.385	1474	6.2	
200.0	6.15	33.53	6.13	26.38	166.6	0.402	1477	1.0	
210.0	6.19	33.54	6.17	26.38	166.5	0.419	1477	-1.1	
220.0	6.20	33.55	6.18	26.38	166.5	0.435	1477		



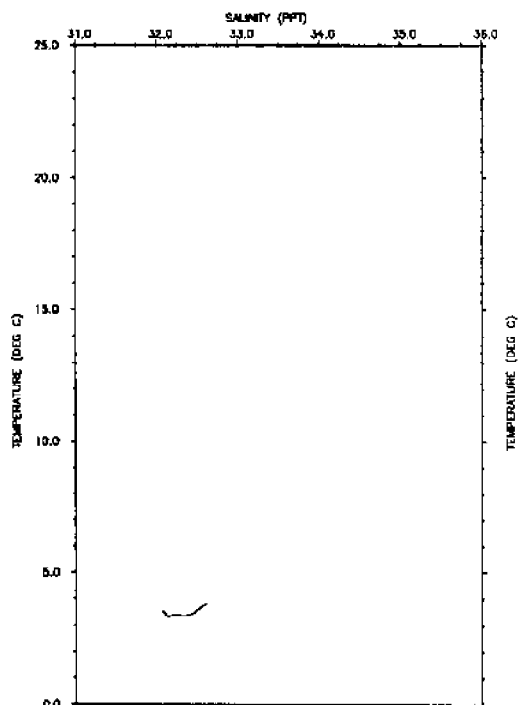
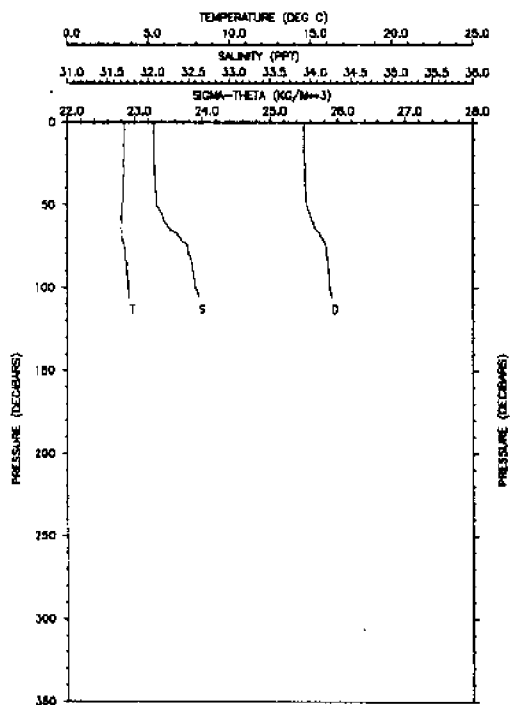
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	kg/m³	10m²/s²	m/sec	cph	
0.0	4.59	32.58	4.59	25.80	218.7	0.000	1466	-1.57	Cruise EN159
10.0	4.59	32.57	4.59	25.79	219.3	0.022	1466	-0.24	Station 86
20.0	4.58	32.57	4.58	25.79	219.3	0.044	1466	-1.32	14 APR 1987
30.0	4.58	32.57	4.58	25.79	219.4	0.066	1466	0.91	1552 UTC
40.0	4.58	32.57	4.58	25.79	219.6	0.088	1467	1.31	42 30.7 N
50.0	4.55	32.57	4.54	25.80	219.1	0.110	1467	2.77	69 29.0 W
60.0	3.84	32.63	3.84	25.91	208.4	0.131	1464	5.01	Depth 275 m
70.0	4.10	32.74	4.09	25.98	202.3	0.152	1465	2.5	
80.0	4.36	32.83	4.36	26.03	197.9	0.172	1467	-5.7	
90.0	4.43	32.87	4.42	26.05	195.7	0.192	1467	6.6	
100.0	4.77	32.95	4.76	26.08	193.2	0.211	1469	-2.4	
110.0	4.54	32.97	4.53	26.12	189.5	0.230	1468	5.0	
120.0	4.34	32.97	4.33	26.14	187.6	0.249	1467	3.5	
130.0	4.80	33.06	4.79	26.16	185.3	0.268	1470	3.7	
140.0	4.98	33.12	4.97	26.18	183.5	0.286	1471	-2.4	
150.0	4.93	33.13	4.92	26.20	181.8	0.305	1471	2.7	
160.0	4.97	33.15	4.96	26.21	181.2	0.323	1471	1.3	
170.0	5.04	33.18	5.03	26.23	179.9	0.341	1471	0.8	
180.0	5.36	33.26	5.34	26.26	177.3	0.359	1473	-3.7	
190.0	5.34	33.30	5.33	26.29	174.2	0.376	1473	-4.1	
200.0	5.78	33.41	5.76	26.32	171.6	0.394	1475	5.6	
210.0	5.96	33.48	5.95	26.36	168.2	0.411	1476	2.7	
220.0	6.24	33.58	6.22	26.41	164.1	0.427	1477	3.9	
230.0	6.40	33.64	6.38	26.43	161.7	0.443	1478	2.7	
240.0	6.52	33.71	6.50	26.47	158.9	0.459	1479	1.6	
250.0	6.58	33.73	6.55	26.48	157.6	0.475	1480	2.7	
260.0	6.61	33.75	6.58	26.49	157.0	0.491	1480	1.3	
261.0	6.61	33.75	6.59	26.49	157.0	0.493	1480		



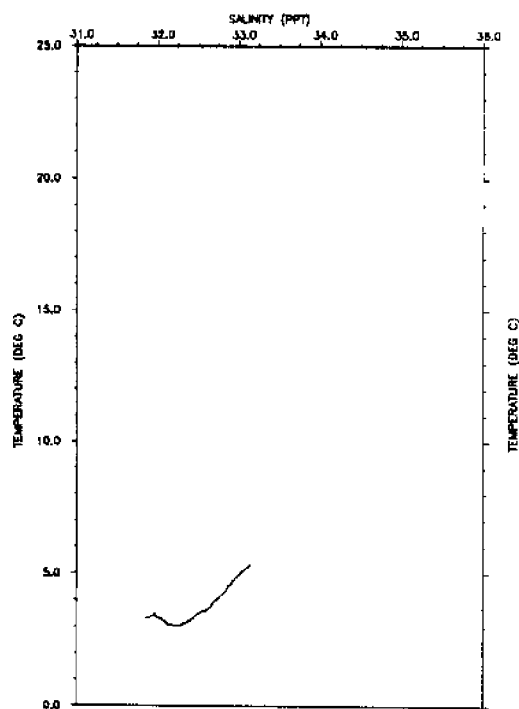
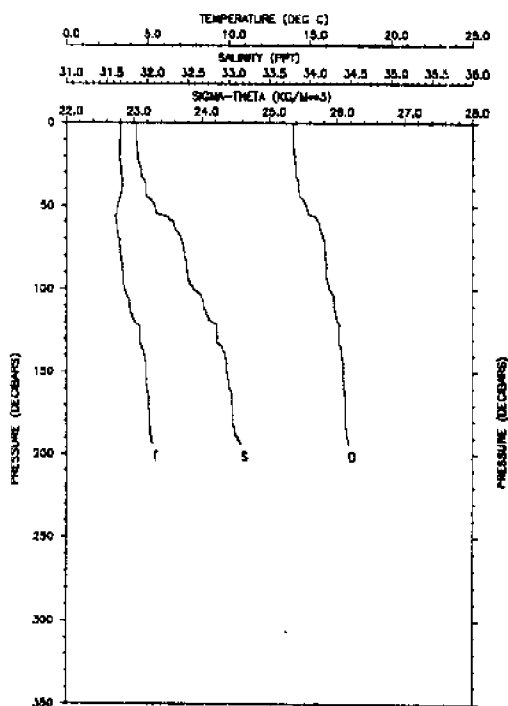
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	nt3/kg	10nt2/st2	m/sec	cph	
0.0	4.51	32.50	4.51	25.75	223.8	0.000	1466	-0.85	Cruise EN159
10.0	4.49	32.50	4.49	25.75	223.6	0.022	1466	-0.89	Station 87
20.0	4.50	32.50	4.50	25.75	223.7	0.045	1466	-2.77	14 APR 1987
30.0	4.49	32.50	4.49	25.75	223.6	0.067	1466	-1.11	1730 UTC
40.0	4.47	32.50	4.47	25.75	223.6	0.089	1466	1.63	42 35.9 N
50.0	4.47	32.51	4.47	25.76	223.3	0.112	1466	-1.14	69 17.5 W
60.0	4.46	32.52	4.46	25.77	222.3	0.134	1466	2.07	Depth 222 m
70.0	4.24	32.71	4.23	25.94	205.6	0.156	1466	2.3	
80.0	4.31	32.80	4.31	26.01	199.5	0.176	1466	4.2	
90.0	4.51	32.87	4.50	26.04	196.2	0.196	1467	1.1	
100.0	4.61	32.92	4.60	26.07	194.3	0.215	1468	5.6	
110.0	4.83	33.00	4.82	26.11	190.6	0.234	1469	3.4	
120.0	5.03	33.07	5.03	26.14	187.6	0.253	1470	1.6	
130.0	5.10	33.10	5.09	26.16	186.0	0.272	1471	3.3	
140.0	5.16	33.17	5.15	26.21	181.5	0.290	1471	3.6	
150.0	5.29	33.22	5.28	26.23	179.6	0.308	1472	-3.1	
160.0	5.37	33.26	5.36	26.25	177.4	0.326	1473	3.1	
170.0	5.69	33.35	5.68	26.29	174.3	0.344	1474	-1.3	
180.0	5.88	33.41	5.87	26.31	172.1	0.361	1475	1.5	
190.0	5.94	33.43	5.92	26.32	171.4	0.378	1476	-0.4	
200.0	5.98	33.45	5.96	26.33	170.6	0.395	1476	2.1	
210.0	6.05	33.48	6.03	26.35	169.5	0.412	1476	-0.7	
219.0	6.06	33.48	6.04	26.35	169.5	0.428	1477		



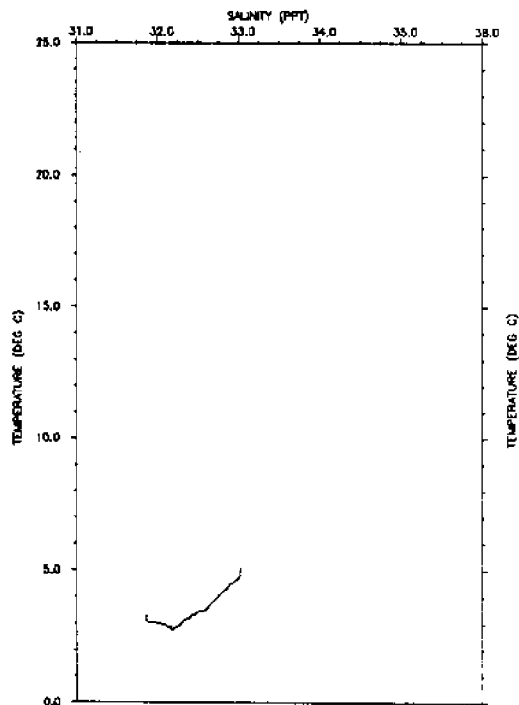
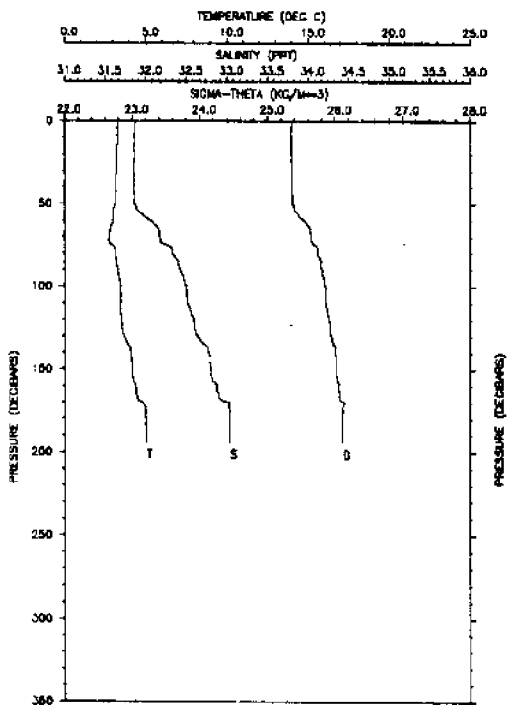
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	n/sec	cph	
0.0	3.43	32.05	3.43	25.49	248.1	0.000	1460	11.51	Cruise EN159
10.0	3.45	32.13	3.45	25.55	242.1	0.024	1461	1.79	Station 88
20.0	3.44	32.13	3.44	25.56	241.9	0.048	1461	3.00	14 APR 1987
30.0	3.43	32.14	3.43	25.56	241.3	0.073	1461	0.75	1907 UTC
40.0	3.42	32.14	3.42	25.56	241.4	0.097	1461	1.43	42 42.5 N
50.0	3.41	32.14	3.40	25.57	241.2	0.121	1461	-1.04	69 7.3 W
60.0	3.46	32.24	3.45	25.64	234.1	0.145	1462	7.40	Depth 149 m
70.0	3.74	32.58	3.73	25.89	210.7	0.167	1464	3.9	
80.0	3.90	32.65	3.89	25.93	207.1	0.188	1464	1.9	
90.0	3.98	32.68	3.97	25.95	205.5	0.208	1465	-0.6	
100.0	4.07	32.72	4.06	25.96	204.0	0.229	1466	2.4	
110.0	4.20	32.77	4.19	25.99	201.4	0.249	1466	5.1	
120.0	4.37	32.83	4.36	26.02	198.7	0.269	1467	2.0	
130.0	4.57	32.89	4.56	26.05	195.8	0.289	1468	-1.5	
140.0	4.59	32.90	4.58	26.05	195.8	0.308	1469	-0.8	
142.0	4.59	32.90	4.58	26.05	195.8	0.312	1469		



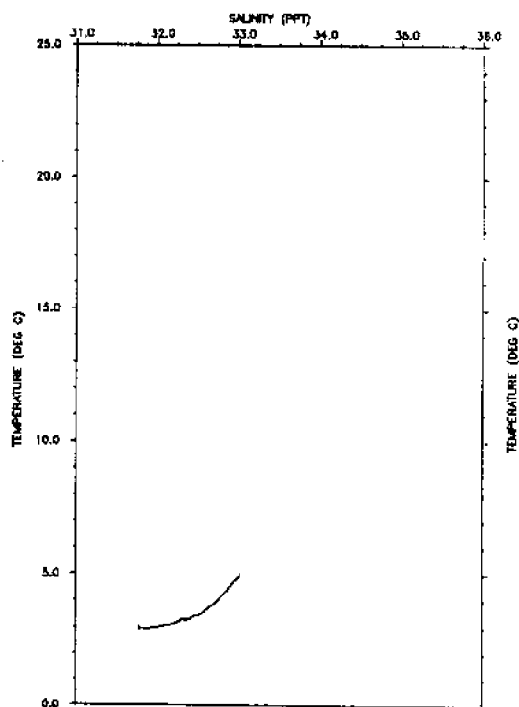
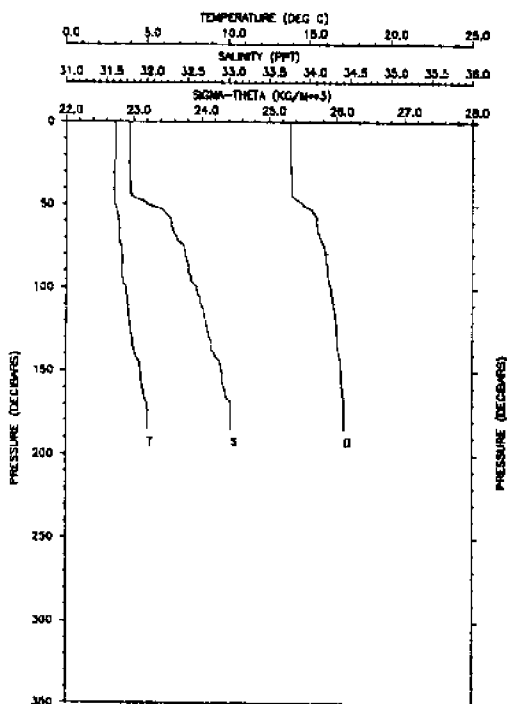
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	3.55	32.08	3.55	25.50	248.9	0.000	1461	0.38	Cruise EN159
10.0	3.54	32.07	3.54	25.50	247.1	0.025	1461	0.79	Station 89
20.0	3.50	32.07	3.50	25.50	246.9	0.049	1461	1.67	14 APR 1987
30.0	3.49	32.08	3.49	25.52	245.9	0.074	1461	-1.03	2045 UTC
40.0	3.47	32.09	3.47	25.52	245.2	0.099	1461	2.32	42 48.9 N
50.0	3.38	32.11	3.37	25.54	243.3	0.123	1461	4.00	68 56.1 W
60.0	3.35	32.20	3.35	25.62	236.1	0.147	1461	6.48	Depth 126 m
70.0	3.37	32.39	3.37	25.77	221.8	0.170	1462	5.9	
80.0	3.58	32.50	3.57	25.84	215.7	0.192	1463	4.1	
90.0	3.72	32.55	3.71	25.87	212.8	0.213	1464	3.4	
100.0	3.78	32.59	3.77	25.89	210.8	0.234	1464	3.7	
106.0	3.85	32.62	3.85	25.91	209.0	0.247	1465		



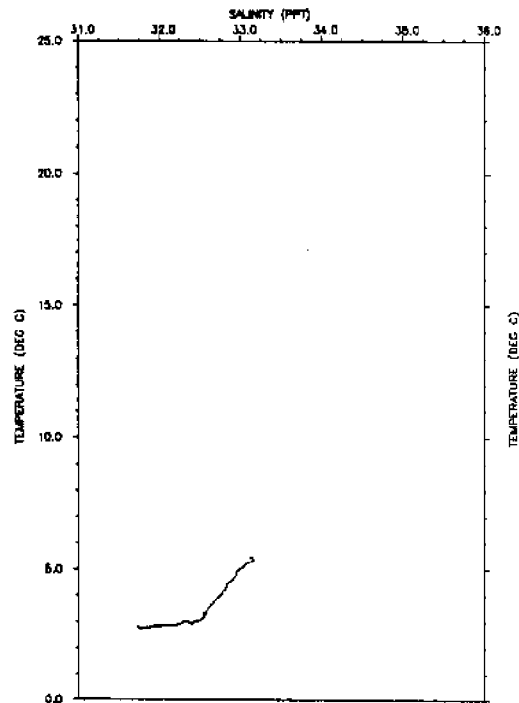
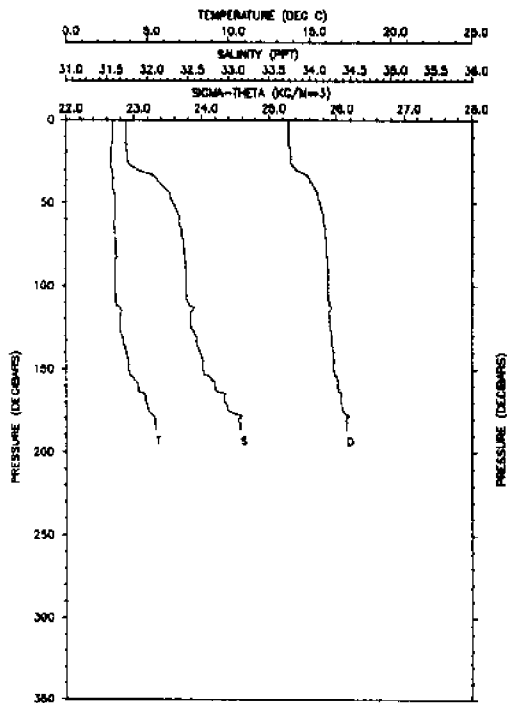
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st+2	m/sec	cph	
0.0	3.34	31.86	3.34	25.35	261.1	0.000	1460	-0.86	Cruise EN159
10.0	3.32	31.86	3.32	25.36	261.0	0.026	1460	1.79	Station 90
20.0	3.31	31.88	3.31	25.37	259.7	0.052	1460	2.89	14 APR 1987
30.0	3.39	31.92	3.39	25.39	257.4	0.078	1461	2.51	2215 UTC
40.0	3.45	31.98	3.44	25.43	253.6	0.104	1461	0.57	42 55.1 N
50.0	3.18	32.09	3.18	25.55	242.9	0.128	1460	3.43	68 46.3 W
60.0	3.10	32.32	3.10	25.74	225.0	0.152	1460	4.18	Depth 203 m
70.0	3.26	32.42	3.26	25.80	219.1	0.174	1461	6.2	
80.0	3.38	32.46	3.37	25.83	216.7	0.196	1462	1.5	
90.0	3.49	32.50	3.48	25.84	215.1	0.218	1463	1.6	
100.0	3.58	32.57	3.58	25.89	210.5	0.239	1463	9.7	
110.0	3.93	32.70	3.93	25.96	204.2	0.259	1465	1.8	
120.0	4.24	32.81	4.23	26.02	198.7	0.280	1467	8.4	
130.0	4.54	32.86	4.53	26.03	197.7	0.299	1468	-1.7	
140.0	4.82	32.95	4.81	26.07	193.9	0.319	1470	2.8	
150.0	4.91	32.98	4.90	26.09	192.9	0.338	1470	2.7	
160.0	4.98	33.01	4.97	26.10	191.7	0.358	1471	2.9	
170.0	5.09	33.05	5.08	26.12	190.3	0.377	1471	2.5	
180.0	5.11	33.05	5.09	26.12	190.2	0.396	1472	1.6	
190.0	5.24	33.11	5.23	26.15	187.2	0.414	1472	1.7	
194.0	5.33	33.15	5.32	26.17	185.6	0.422	1473		



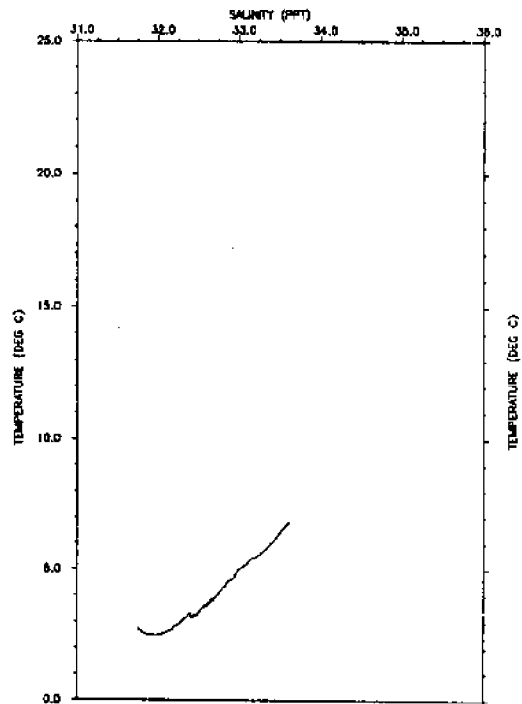
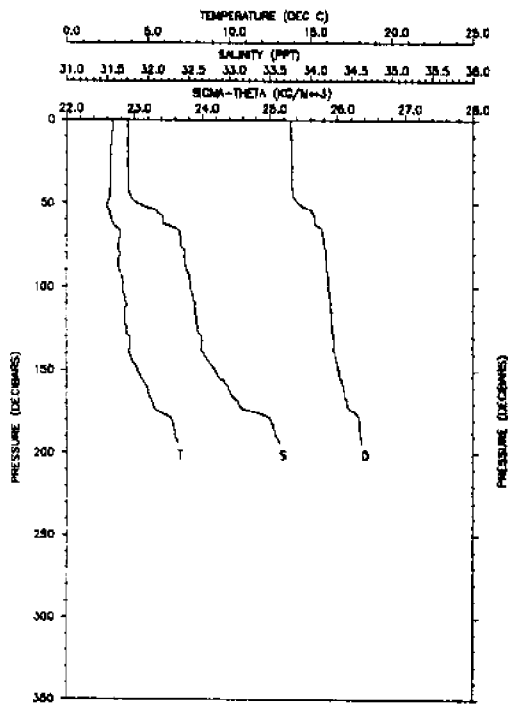
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	3.29	31.87	3.29	25.36	260.1	0.000	1460	-1.56	Cruise EN159
10.0	3.28	31.87	3.28	25.36	260.5	0.026	1460	0.78	Station 91
20.0	3.26	31.87	3.25	25.36	260.4	0.052	1460	1.23	14 APR 1987
30.0	3.22	31.86	3.22	25.36	260.3	0.078	1460	0.97	2337 UTC
40.0	3.19	31.86	3.19	25.37	260.0	0.104	1460	1.36	43 1.2 N
50.0	3.15	31.86	3.15	25.37	259.8	0.130	1460	6.73	68 37.2 W
60.0	2.98	32.06	2.97	25.54	243.4	0.155	1459	8.03	Depth 202 m
70.0	2.79	32.17	2.78	25.65	233.4	0.179	1459	2.9	
80.0	3.13	32.33	3.13	25.74	224.6	0.202	1461	5.1	
90.0	3.30	32.43	3.30	25.81	218.1	0.224	1462	1.9	
100.0	3.45	32.50	3.44	25.85	214.3	0.246	1463	2.8	
110.0	3.46	32.52	3.45	25.86	213.4	0.267	1463	4.2	
120.0	3.53	32.60	3.52	25.92	207.7	0.288	1464	0.7	
130.0	3.65	32.64	3.65	25.94	205.8	0.309	1464	4.1	
140.0	4.09	32.77	4.08	26.01	200.0	0.329	1466	3.2	
150.0	4.17	32.80	4.16	26.02	198.7	0.349	1467	-1.5	
160.0	4.39	32.87	4.38	26.05	195.8	0.369	1468	0.3	
170.0	4.78	33.02	4.77	26.13	188.5	0.388	1470	-7.7	
180.0	5.03	33.03	5.02	26.11	190.7	0.407	1471	-1.4	
190.0	5.07	33.04	5.05	26.11	190.7	0.426	1472	-2.0	
194.0	5.07	33.04	5.05	26.11	190.8	0.434	1472		



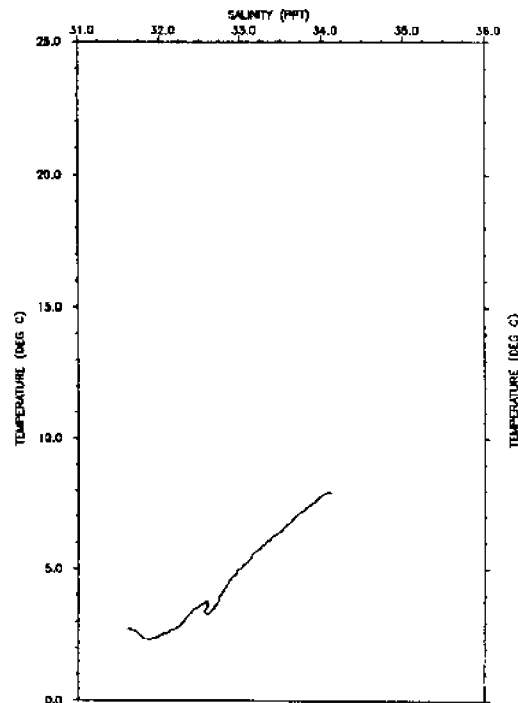
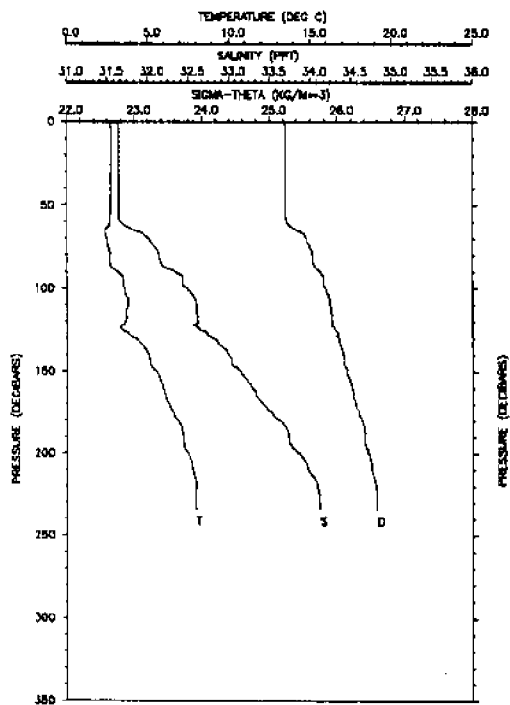
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.03	31.79	3.03	25.32	264.3	0.000	1458	0.43	Cruise EN159
10.0	3.03	31.79	3.03	25.32	264.3	0.026	1459	-0.26	Station 92
20.0	3.03	31.79	3.03	25.32	264.3	0.053	1459	-0.81	15 APR 1987
30.0	2.93	31.79	2.93	25.33	263.7	0.079	1458	1.75	0107 UTC
40.0	2.94	31.80	2.94	25.33	263.2	0.106	1459	1.51	43 7.8 N
50.0	3.00	32.01	3.00	25.50	247.3	0.131	1459	10.76	68 26.5 W
60.0	3.27	32.29	3.26	25.70	228.4	0.155	1461	2.43	Depth 192 m
70.0	3.28	32.36	3.27	25.76	223.1	0.177	1461	3.7	
80.0	3.44	32.47	3.43	25.83	216.4	0.199	1462	2.6	
90.0	3.47	32.51	3.47	25.86	213.8	0.221	1463	3.0	
100.0	3.68	32.60	3.67	25.91	208.6	0.242	1464	2.8	
110.0	3.79	32.66	3.78	25.94	205.7	0.263	1465	4.3	
120.0	3.91	32.72	3.90	25.98	202.3	0.283	1465	3.5	
130.0	4.06	32.76	4.05	26.00	200.3	0.303	1466	3.8	
140.0	4.24	32.82	4.23	26.03	198.0	0.323	1467	4.4	
150.0	4.58	32.91	4.57	26.07	194.7	0.343	1469	3.5	
160.0	4.69	32.95	4.68	26.08	193.2	0.362	1469	3.8	
170.0	5.01	33.03	5.00	26.11	190.9	0.381	1471	-2.4	
180.0	5.04	33.03	5.02	26.11	191.2	0.400	1471	-0.3	
185.0	5.04	33.03	5.03	26.11	191.2	0.410	1471		



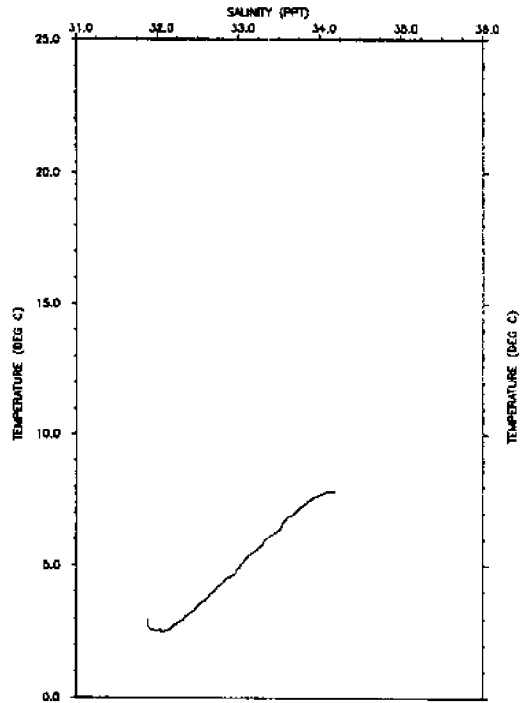
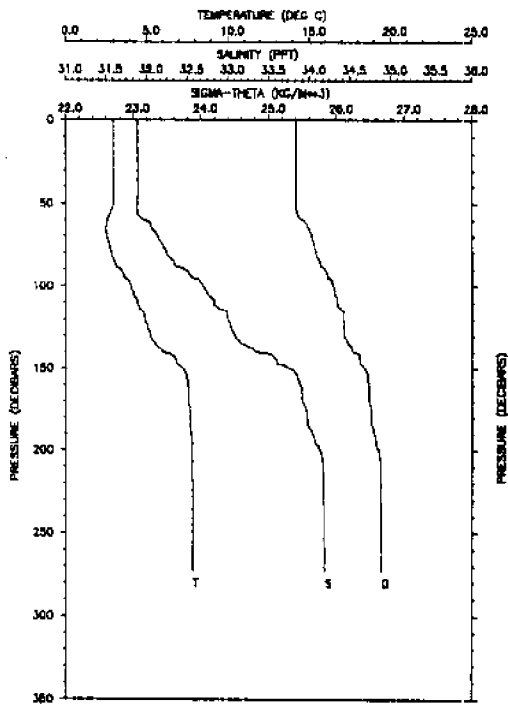
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.87	31.73	2.87	25.29	267.2	0.000	1458	-0.42	Cruise EN159
10.0	2.87	31.73	2.87	25.29	267.3	0.027	1458	1.68	Station 93
20.0	2.76	31.75	2.76	25.31	265.1	0.053	1457	1.53	15 APR 1987
30.0	2.82	31.88	2.81	25.41	255.7	0.080	1458	11.90	0222 UTC
40.0	2.87	32.19	2.87	25.65	232.9	0.104	1459	8.34	43 12.6 N
50.0	3.01	32.32	3.01	25.74	224.4	0.126	1460	5.11	68 18.1 W
60.0	2.97	32.39	2.96	25.81	218.2	0.149	1460	1.32	Depth 195 m
70.0	2.98	32.42	2.98	25.83	216.1	0.170	1460	4.7	
80.0	3.07	32.45	3.07	25.85	214.6	0.192	1461	1.9	
90.0	3.04	32.47	3.03	25.86	213.0	0.213	1461	1.9	
100.0	3.03	32.48	3.03	25.87	212.4	0.234	1461	0.4	
110.0	3.06	32.50	3.06	25.89	211.0	0.256	1461	2.8	
120.0	3.32	32.54	3.31	25.90	210.1	0.277	1463	-2.2	
130.0	3.46	32.60	3.45	25.93	207.1	0.297	1463	-3.1	
140.0	3.71	32.66	3.70	25.95	205.0	0.318	1485	1.9	
150.0	3.86	32.69	3.85	25.98	204.3	0.339	1465	1.9	
160.0	4.43	32.83	4.41	26.01	199.6	0.359	1468	2.5	
170.0	4.92	32.96	4.91	26.07	195.1	0.378	1471	6.4	
180.0	5.47	33.12	5.45	26.13	189.0	0.398	1473	3.5	
186.0	5.51	33.14	5.50	26.15	187.8	0.409	1473		



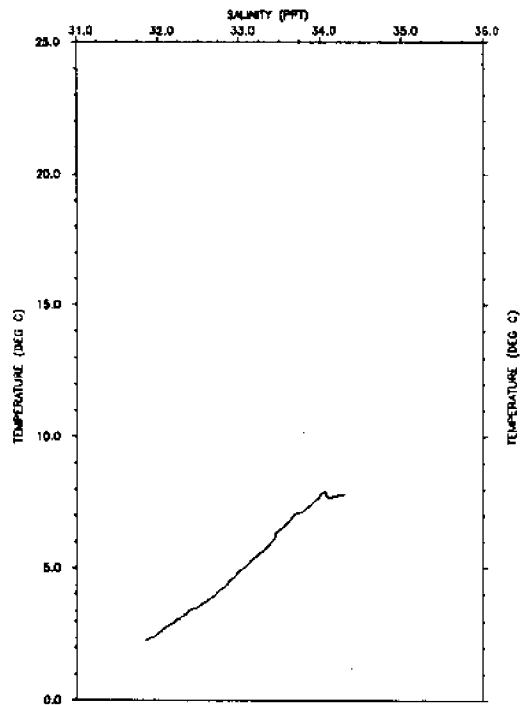
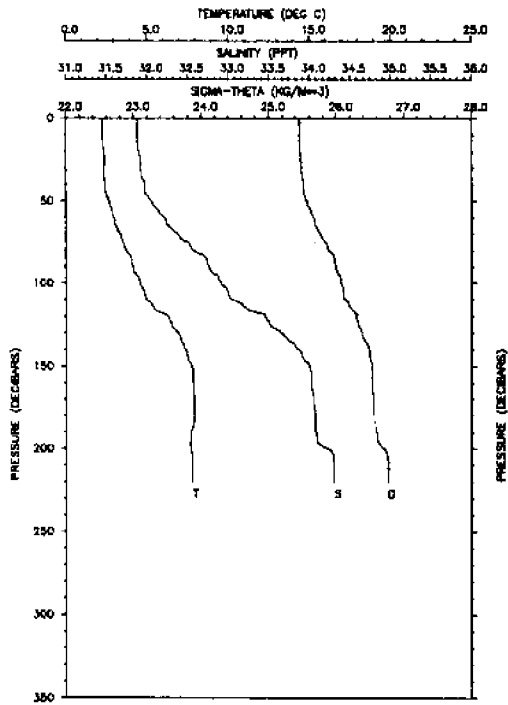
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.81	31.75	2.81	25.31	265.3	0.000	1457	-1.29	Cruise EN159
10.0	2.79	31.76	2.79	25.31	265.1	0.027	1457	1.43	Station 94
20.0	2.73	31.76	2.72	25.32	264.3	0.053	1457	-1.25	15 APR 1987
30.0	2.70	31.76	2.70	25.33	263.8	0.079	1457	0.30	0500 UTC
40.0	2.69	31.77	2.69	25.33	263.6	0.106	1458	1.48	43 17.0 N
50.0	2.51	31.87	2.51	25.42	254.5	0.132	1457	9.60	68 10.6 W
60.0	2.79	32.19	2.78	25.66	232.0	0.156	1459	-1.61	Depth 202 m
70.0	3.32	32.41	3.31	25.79	220.3	0.178	1462	4.0	
80.0	3.29	32.46	3.29	25.83	216.3	0.200	1462	-2.9	
90.0	3.25	32.47	3.24	25.85	214.7	0.222	1462	6.5	
100.0	3.46	32.52	3.45	25.87	212.7	0.243	1463	2.0	
110.0	3.66	32.59	3.65	25.90	209.9	0.264	1464	-3.1	
120.0	3.63	32.60	3.62	25.91	208.8	0.285	1464	-1.2	
130.0	3.89	32.67	3.88	25.94	206.2	0.306	1465	2.1	
140.0	3.88	32.69	3.87	25.96	204.0	0.328	1465	-2.0	
150.0	4.40	32.83	4.38	26.02	198.7	0.347	1468	-3.7	
160.0	4.97	32.99	4.96	26.08	193.3	0.366	1471	2.0	
170.0	5.33	33.12	5.31	26.15	187.7	0.385	1472	1.8	
180.0	6.48	33.51	6.46	26.32	172.0	0.403	1478	3.8	
190.0	6.70	33.58	6.68	26.34	169.9	0.420	1479	4.6	
194.0	6.83	33.82	6.81	26.36	168.7	0.427	1479		



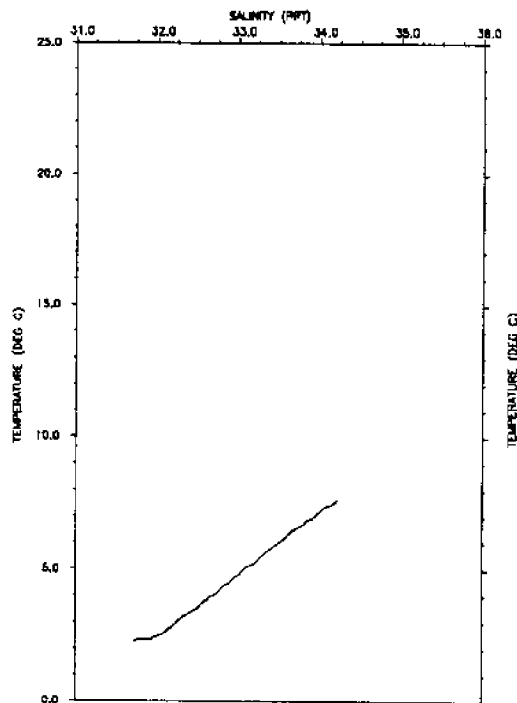
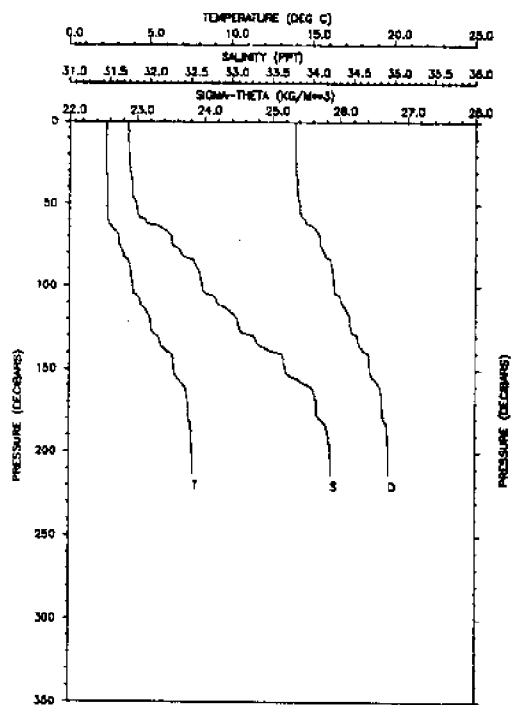
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	n/sec	cph	
0.0	2.71	31.61	2.71	25.20	275.4	0.000	1457	6.30	Cruise EN159
10.0	2.74	31.65	2.74	25.23	273.0	0.027	1457	0.36	Station 95
20.0	2.74	31.65	2.74	25.23	273.0	0.055	1457	0.96	15 APR 1987
30.0	2.74	31.65	2.74	25.23	273.0	0.082	1457	-1.08	0437 UTC
40.0	2.74	31.65	2.74	25.23	273.0	0.109	1458	-1.11	43 22.1 N
50.0	2.71	31.64	2.71	25.23	272.9	0.137	1458	1.94	68 1.2 W
60.0	2.67	31.67	2.67	25.25	271.1	0.164	1458	7.96	Depth 240 m
70.0	2.49	32.02	2.49	25.54	243.2	0.189	1457	2.5	
80.0	2.68	32.14	2.67	25.63	235.3	0.213	1459	3.1	
90.0	3.18	32.34	3.17	25.75	223.8	0.237	1461	4.8	
100.0	3.57	32.50	3.57	25.84	215.9	0.259	1463	-3.1	
110.0	3.79	32.60	3.79	25.90	210.3	0.280	1464	3.2	
120.0	3.64	32.62	3.63	25.93	207.0	0.301	1464	-7.1	
130.0	4.29	32.82	4.28	26.03	198.1	0.321	1467	-4.2	
140.0	5.01	32.99	5.00	26.08	193.3	0.341	1471	6.3	
150.0	5.51	33.14	5.49	26.15	187.3	0.360	1473	-2.9	
160.0	5.90	33.28	5.88	26.21	182.0	0.378	1475	6.9	
170.0	6.26	33.41	6.25	26.27	176.5	0.396	1477	3.0	
180.0	6.80	33.62	6.78	26.36	168.2	0.413	1479	5.7	
190.0	7.15	33.73	7.13	26.40	164.4	0.430	1481	-1.1	
200.0	7.44	33.86	7.42	26.46	159.1	0.446	1482	3.7	
210.0	7.74	33.97	7.72	26.51	155.3	0.462	1484	3.9	
220.0	7.95	34.09	7.93	26.57	149.9	0.477	1485	2.6	
230.0	7.94	34.11	7.92	26.59	148.1	0.492	1485	2.0	
234.0	7.94	34.11	7.92	26.59	147.9	0.498	1485		



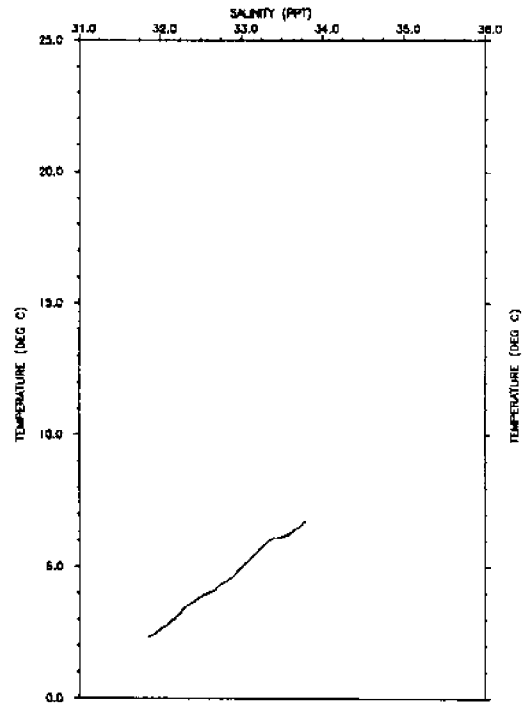
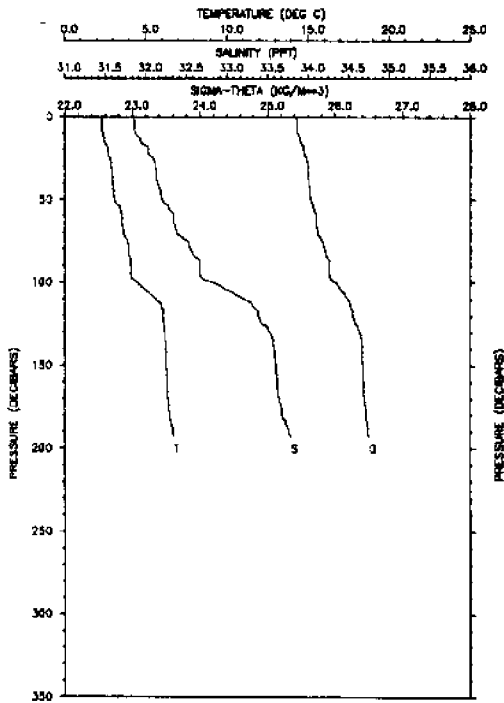
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	2.95	31.89	2.95	25.41	256.1	0.000	1458	0.72	Cruise EN159
10.0	2.95	31.89	2.95	25.41	256.2	0.026	1458	1.12	Station 96
20.0	2.96	31.89	2.96	25.41	256.2	0.051	1459	0.89	15 APR 1987
30.0	2.96	31.89	2.96	25.41	256.3	0.077	1459	0.95	0600 UTC
40.0	2.96	31.89	2.96	25.41	256.2	0.102	1459	0.64	43 29.3 N
50.0	2.94	31.89	2.93	25.41	256.3	0.128	1459	-3.26	67 52.9 W
60.0	2.52	31.97	2.52	25.51	246.6	0.154	1457	11.47	Depth 280 m
70.0	2.54	32.13	2.54	25.63	235.0	0.177	1458	5.6	
80.0	2.81	32.24	2.81	25.70	228.5	0.201	1459	2.7	
90.0	3.35	32.47	3.35	25.84	215.8	0.223	1462	5.6	
100.0	3.99	32.69	3.99	25.95	205.2	0.244	1465	4.5	
110.0	4.43	32.82	4.42	26.01	199.5	0.264	1467	2.1	
120.0	4.68	33.00	4.68	26.10	191.3	0.284	1470	2.6	
130.0	5.20	33.07	5.19	26.13	189.1	0.303	1471	3.6	
140.0	5.99	33.34	5.98	26.25	178.2	0.321	1475	16.8	
150.0	7.21	33.76	7.19	26.41	162.8	0.338	1480	6.4	
160.0	7.51	33.89	7.49	26.47	157.4	0.354	1482	4.9	
170.0	7.54	33.91	7.53	26.48	156.5	0.370	1482	4.4	
180.0	7.66	33.97	7.64	26.52	153.5	0.385	1483	1.8	
190.0	7.72	34.03	7.70	26.56	150.0	0.400	1483	6.1	
200.0	7.80	34.13	7.78	26.62	144.3	0.415	1484	4.2	
210.0	7.81	34.16	7.79	26.65	141.8	0.429	1484	1.6	
220.0	7.81	34.17	7.79	26.65	141.7	0.443	1484	2.9	
230.0	7.82	34.17	7.80	26.65	141.7	0.458	1485	-1.3	
240.0	7.82	34.18	7.79	26.66	141.0	0.472	1485	-2.2	
250.0	7.82	34.18	7.79	26.66	141.3	0.486	1485	-1.5	
260.0	7.82	34.19	7.79	26.67	141.1	0.500	1485	0.7	
270.0	7.82	34.18	7.79	26.66	141.4	0.514	1485	-0.7	
273.0	7.82	34.19	7.79	26.67	141.4	0.518	1485		



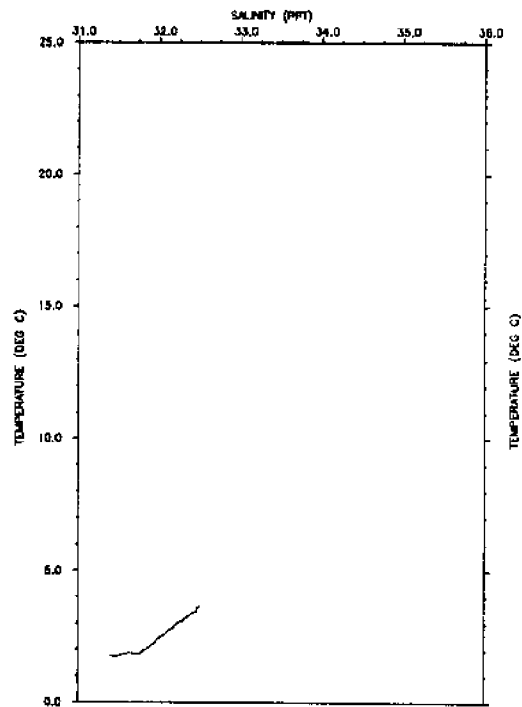
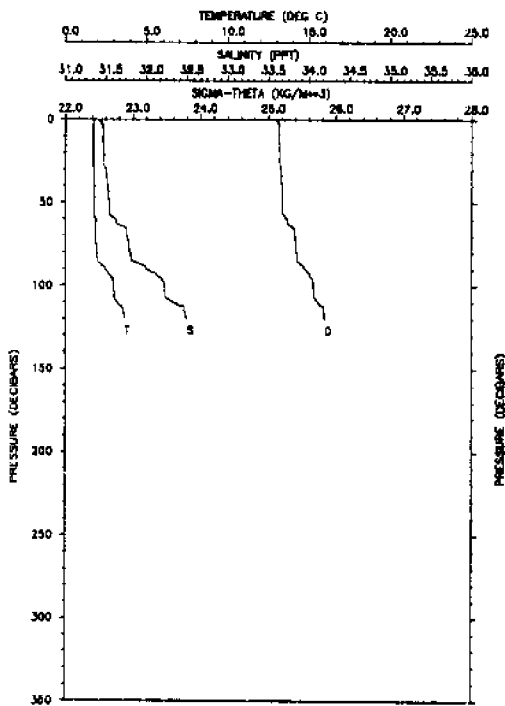
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cpH	
0.0	2.30	31.85	2.30	25.42	254.4	0.000	1455	9.19	Cruise EN159
10.0	2.30	31.89	2.30	25.46	251.5	0.025	1455	-0.11	Station 97
20.0	2.35	31.90	2.35	25.46	250.7	0.050	1456	2.09	15 APR 1987
30.0	2.38	31.92	2.38	25.48	249.3	0.075	1456	2.79	0745 UTC
40.0	2.45	31.97	2.45	25.51	246.4	0.100	1457	-0.99	43 30.0 N
50.0	2.63	32.05	2.63	25.56	241.6	0.125	1458	5.68	67 36.2 W
60.0	2.94	32.20	2.94	25.66	232.4	0.148	1459	6.01	Depth 223 m
70.0	3.35	32.37	3.34	25.76	223.0	0.171	1462	6.3	
80.0	3.70	32.58	3.69	25.89	210.7	0.193	1464	7.3	
90.0	4.13	32.76	4.12	25.99	200.9	0.213	1466	4.1	
100.0	4.57	32.90	4.56	26.06	194.7	0.233	1468	4.6	
110.0	4.96	33.05	4.95	26.13	188.3	0.252	1470	8.6	
120.0	6.33	33.46	6.32	26.29	173.4	0.270	1476	4.9	
130.0	6.88	33.65	6.87	26.37	166.3	0.287	1479	4.9	
140.0	7.34	33.86	7.33	26.48	156.8	0.303	1481	6.4	
150.0	7.76	34.00	7.74	26.52	152.7	0.319	1483	2.1	
160.0	7.85	34.03	7.83	26.53	151.8	0.334	1483	2.4	
170.0	7.91	34.05	7.89	26.55	150.9	0.349	1484	-1.3	
180.0	7.93	34.08	7.91	26.56	149.5	0.364	1484	1.3	
190.0	7.73	34.09	7.71	26.60	146.1	0.379	1483	2.3	
200.0	7.76	34.23	7.74	26.71	136.3	0.393	1484	8.3	
210.0	7.80	34.30	7.78	26.76	131.4	0.407	1484	-1.7	
220.0	7.80	34.30	7.78	26.76	131.5	0.420	1484		



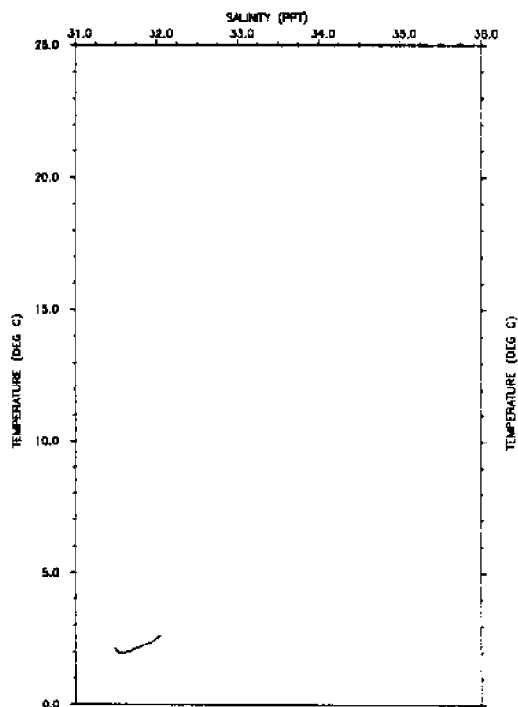
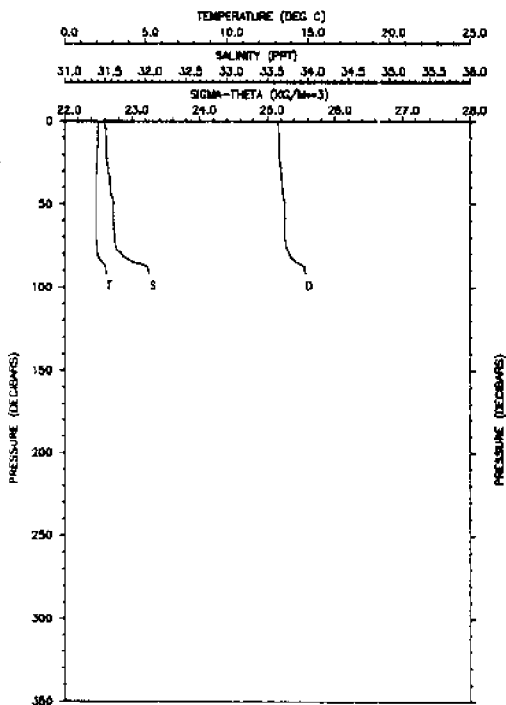
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	2.26	31.73	2.26	25.33	263.3	0.000	1455	1.29	Cruise EN159
10.0	2.27	31.73	2.26	25.33	263.1	0.026	1455	-0.88	Station 98
20.0	2.28	31.74	2.28	25.34	262.7	0.053	1455	0.89	15 APR 1987
30.0	2.30	31.75	2.30	25.35	261.6	0.079	1456	2.62	0915 UTC
40.0	2.33	31.78	2.33	25.37	260.1	0.105	1456	-0.85	43 31.5 N
50.0	2.33	31.82	2.33	25.40	256.9	0.131	1456	3.38	67 20.0 W
60.0	2.37	31.93	2.37	25.49	248.3	0.156	1457	2.97	Depth 226 m
70.0	3.03	32.26	3.02	25.70	228.8	0.180	1460	2.5	
80.0	3.30	32.37	3.29	25.76	222.5	0.203	1462	5.2	
90.0	3.78	32.59	3.77	25.89	210.8	0.224	1464	3.7	
100.0	3.90	32.64	3.90	25.92	208.2	0.245	1465	-1.1	
110.0	4.37	32.83	4.36	26.02	198.5	0.265	1467	4.7	
120.0	4.99	33.07	4.98	26.15	186.6	0.285	1470	1.1	
130.0	5.41	33.28	5.40	26.25	177.5	0.303	1472	4.1	
140.0	6.19	33.59	6.18	26.42	161.9	0.320	1476	1.8	
150.0	6.46	33.66	6.44	26.44	159.9	0.337	1477	1.9	
160.0	7.06	33.96	7.05	26.59	148.2	0.352	1480	5.3	
170.0	7.32	34.04	7.30	26.62	143.3	0.366	1481	2.5	
180.0	7.38	34.08	7.37	26.64	141.7	0.381	1482	7.4	
190.0	7.55	34.19	7.53	26.70	136.2	0.395	1483	2.5	
200.0	7.60	34.21	7.58	26.72	135.0	0.408	1483	-1.0	
210.0	7.62	34.22	7.60	26.72	134.8	0.422	1483	-1.1	
213.0	7.62	34.22	7.59	26.72	134.9	0.426	1484		



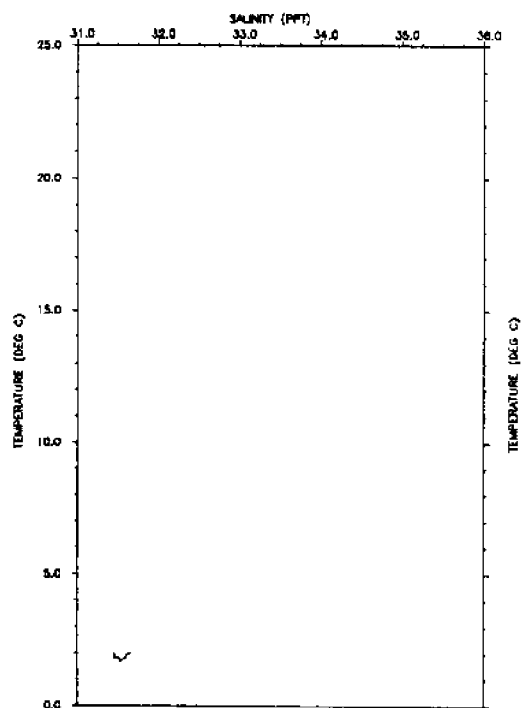
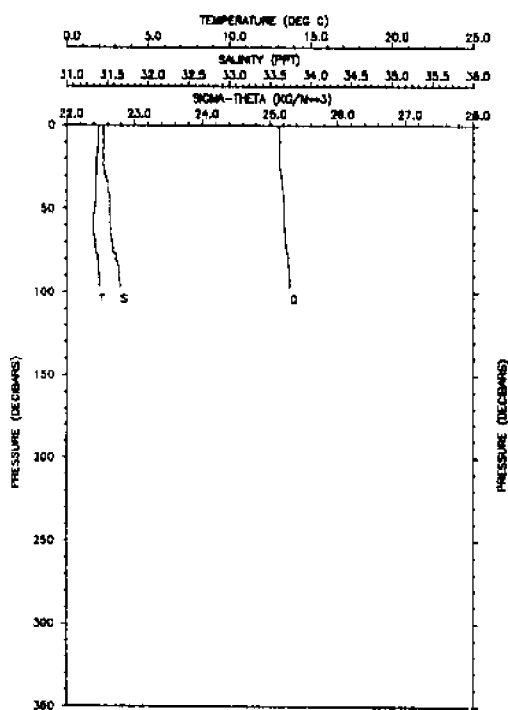
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/s²	m/sec	cph	
0.0	2.31	31.85	2.31	25.43	254.1	0.000	1455	1.37	Cruise EN159
10.0	2.34	31.87	2.34	25.44	252.6	0.025	1456	6.48	Station 99
20.0	2.69	32.03	2.68	25.54	243.3	0.050	1458	2.61	15 APR 1987
30.0	2.89	32.12	2.89	25.60	238.1	0.074	1459	2.34	1107 UTC
40.0	2.96	32.15	2.96	25.62	236.4	0.098	1459	2.92	43 33.0 N
50.0	3.10	32.20	3.10	25.64	233.7	0.121	1460	3.67	67 2.5 W
60.0	3.54	32.35	3.54	25.72	228.7	0.144	1462	-1.66	Depth 203 m
70.0	3.62	32.38	3.62	25.74	224.7	0.167	1463	3.9	
80.0	3.95	32.55	3.95	25.84	215.1	0.189	1465	4.9	
90.0	4.12	32.67	4.11	25.92	207.7	0.210	1466	1.2	
100.0	4.44	32.82	4.44	26.01	199.4	0.231	1467	9.0	
110.0	5.61	33.22	5.60	26.19	182.6	0.250	1473	5.9	
120.0	6.08	33.38	6.07	26.26	176.1	0.268	1475	4.3	
130.0	6.18	33.53	6.17	26.37	166.3	0.285	1476	5.6	
140.0	6.25	33.58	6.24	26.40	163.4	0.301	1476	2.1	
150.0	6.30	33.60	6.28	26.41	162.5	0.317	1477	-0.7	
160.0	6.34	33.62	6.32	26.42	161.9	0.334	1477	0.9	
170.0	6.38	33.64	6.36	26.44	160.7	0.350	1477	1.9	
180.0	6.47	33.68	6.45	26.45	159.3	0.366	1478	3.3	
190.0	6.67	33.77	6.66	26.49	155.7	0.381	1479	2.0	
193.0	6.73	33.79	6.71	26.51	154.6	0.386	1479		



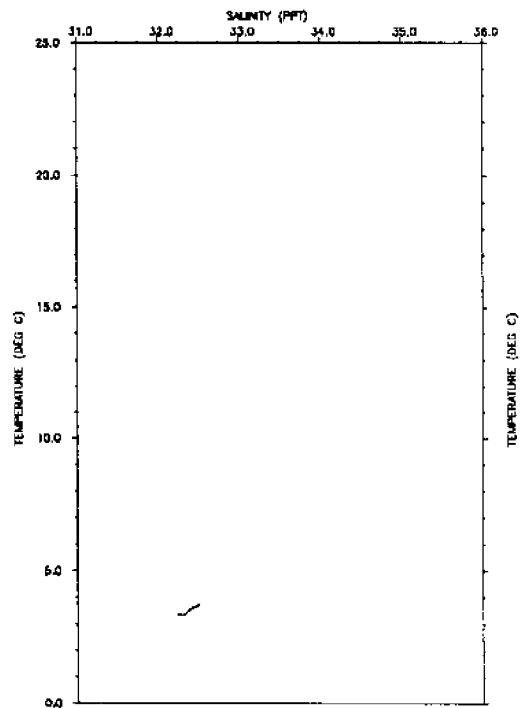
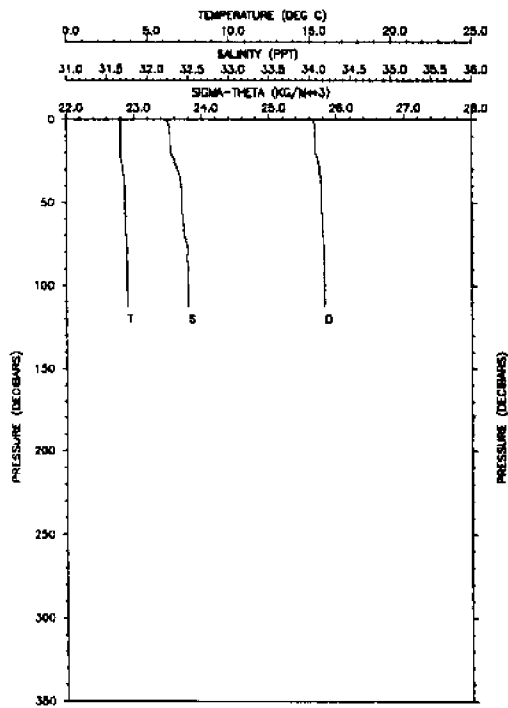
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m3/kg	10m+2/st2	m/sec	cph	
0.0	1.74	31.41	1.74	25.11	284.0	0.000	1452	7.33	Cruise EN159
10.0	1.73	31.46	1.73	25.16	279.7	0.028	1452	-1.28	Station 100
20.0	1.73	31.47	1.73	25.16	279.2	0.056	1453	1.32	15 APR 1987
30.0	1.75	31.50	1.75	25.18	277.2	0.084	1453	3.13	1300 UTC
40.0	1.78	31.52	1.78	25.20	275.6	0.111	1453	3.08	43 34.6 N
50.0	1.80	31.54	1.80	25.21	274.4	0.139	1453	0.85	66 45.1 W
60.0	1.85	31.61	1.85	25.27	269.1	0.166	1454	6.17	Depth 127 m
70.0	1.84	31.76	1.84	25.39	257.9	0.193	1454	3.9	
80.0	1.92	31.80	1.92	25.41	255.4	0.218	1455	5.4	
90.0	2.43	32.00	2.42	25.53	244.1	0.243	1457	9.3	
100.0	3.00	32.22	2.99	25.67	231.6	0.267	1460	0.6	
110.0	3.18	32.32	3.17	25.73	225.7	0.290	1461	0.9	
120.0	3.64	32.50	3.64	25.83	216.4	0.312	1464		



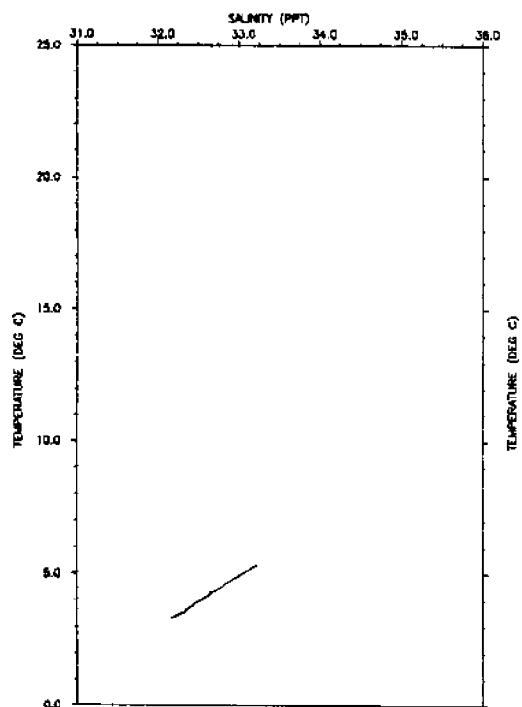
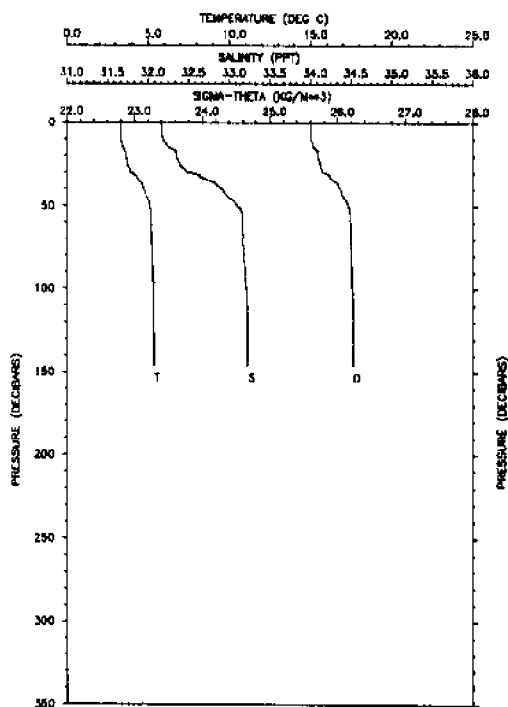
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /m ²	m/sec	cph	
0.0	2.10	31.49	2.10	25.15	280.2	0.000	1454	2.81	Cruise EN159
10.0	2.06	31.52	2.06	25.18	277.7	0.028	1454	-2.66	Station 101
20.0	2.04	31.52	2.04	25.18	277.6	0.056	1454	-0.73	15 APR 1987
30.0	2.00	31.54	1.99	25.20	275.5	0.083	1454	2.39	1430 UTC
40.0	1.96	31.57	1.96	25.23	273.3	0.111	1454	1.97	43 36.0 N
50.0	1.97	31.61	1.97	25.26	270.5	0.138	1454	1.13	66 28.5 W
60.0	1.98	31.61	1.98	25.26	270.2	0.165	1455	0.82	Depth 95 m
70.0	1.99	31.62	1.98	25.26	269.7	0.192	1455	1.0	
80.0	2.07	31.70	2.07	25.33	263.7	0.219	1455	4.9	
90.0	2.57	32.03	2.57	25.55	242.5	0.244	1458	5.1	
92.0	2.60	32.05	2.59	25.56	241.3	0.249	1458		



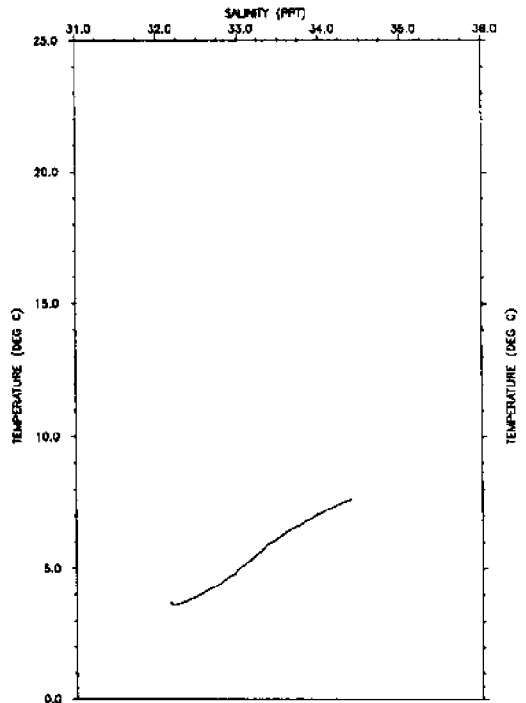
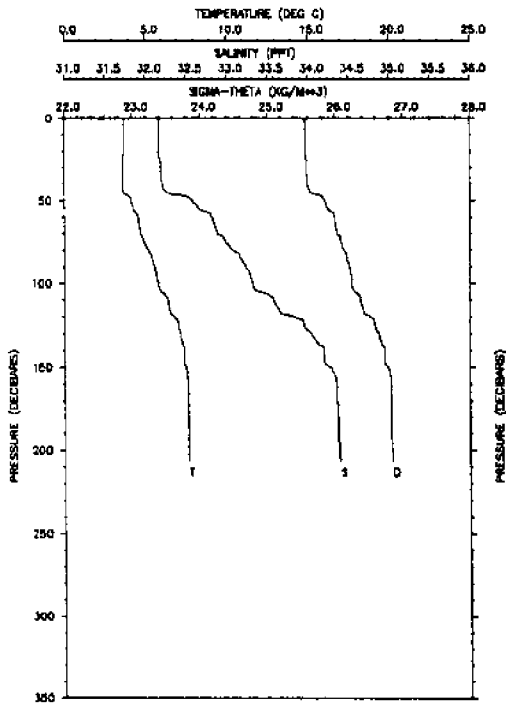
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	1.96	31.45	1.96	25.13	282.1	0.000	1453	2.33	Cruise EN159
10.0	1.95	31.46	1.95	25.14	281.3	0.028	1453	-2.38	Station 102
20.0	1.84	31.46	1.84	25.15	280.7	0.056	1453	0.50	15 APR 1987
30.0	1.83	31.48	1.83	25.16	279.4	0.084	1453	3.29	1552 UTC
40.0	1.80	31.52	1.80	25.19	276.2	0.112	1453	2.61	43 25.1 N
50.0	1.73	31.53	1.73	25.21	274.4	0.140	1453	1.62	68 35.5 W
60.0	1.68	31.54	1.68	25.22	273.8	0.167	1453	1.85	Depth 103 m
70.0	1.74	31.56	1.74	25.23	272.4	0.194	1454	1.7	
80.0	1.92	31.60	1.91	25.26	270.3	0.221	1455	4.2	
90.0	1.99	31.65	1.98	25.29	267.6	0.248	1455	0.7	
97.0	2.01	31.66	2.01	25.30	266.6	0.267	1455		



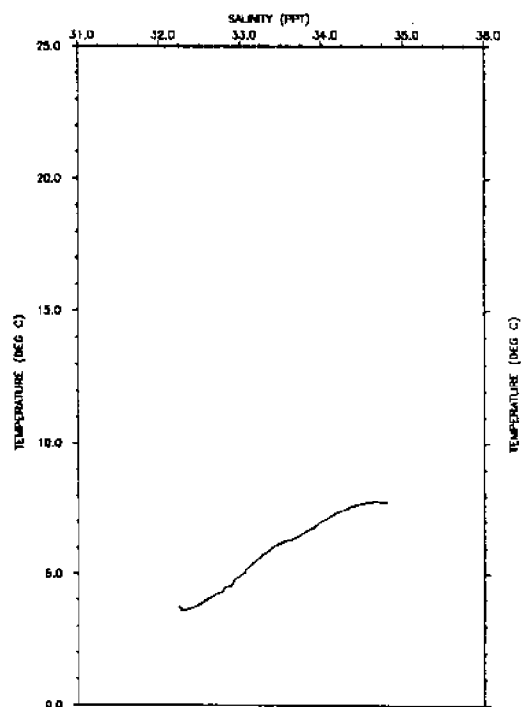
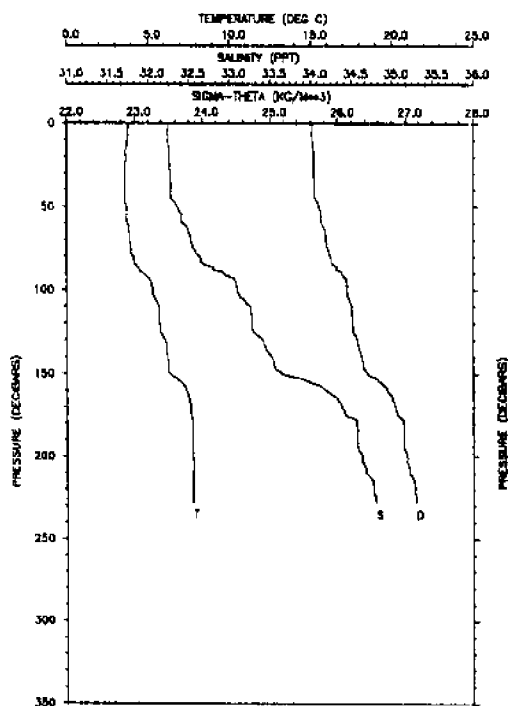
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	3.37	32.22	3.37	25.63	234.4	0.000	1460	6.25	Cruise EN159
10.0	3.36	32.28	3.36	25.68	230.1	0.023	1461	1.25	Station 103
20.0	3.35	32.29	3.35	25.69	229.0	0.046	1461	4.27	15 APR 1987
30.0	3.49	32.37	3.48	25.74	224.4	0.069	1462	4.29	1715 UTC
40.0	3.60	32.42	3.60	25.77	221.7	0.091	1462	2.09	43 14.1 N
50.0	3.64	32.43	3.63	25.78	221.1	0.113	1463	-1.38	66 43.0 W
60.0	3.65	32.44	3.65	25.78	220.5	0.135	1463	0.57	Depth 121 m
70.0	3.67	32.46	3.67	25.80	219.2	0.157	1463	3.1	
80.0	3.74	32.48	3.74	25.82	217.4	0.179	1464	-1.6	
90.0	3.75	32.50	3.75	25.82	217.2	0.201	1464	-1.6	
100.0	3.75	32.50	3.74	25.82	217.3	0.222	1464	1.4	
110.0	3.76	32.50	3.76	25.82	217.2	0.244	1464	-0.6	
113.0	3.77	32.50	3.76	25.82	217.1	0.251	1464		



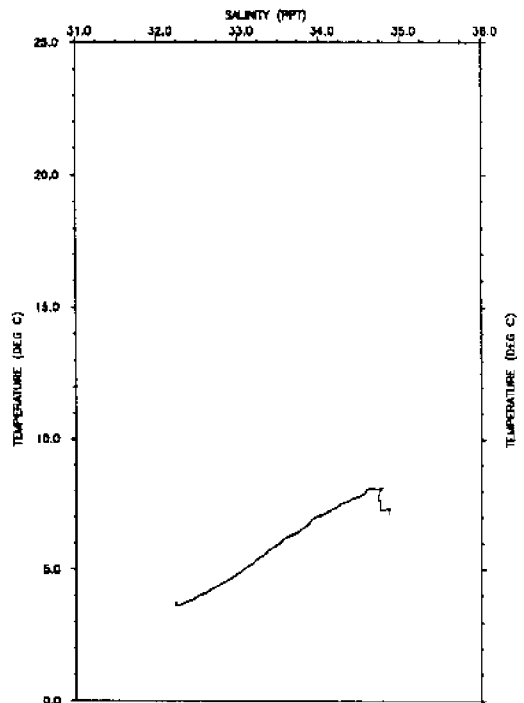
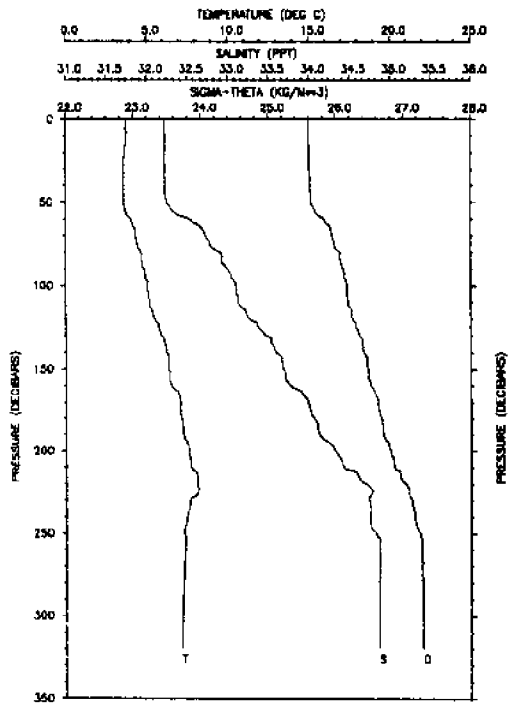
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	mt³/kg	10mt²/st²	m/sec	cph	
0.0	3.34	32.17	3.34	25.60	238.0	0.000	1460	1.29	Cruise EN159
10.0	3.35	32.18	3.35	25.61	237.1	0.024	1460	4.28	Station 104
20.0	3.64	32.34	3.64	25.71	227.5	0.047	1462	-1.17	15 APR 1987
30.0	3.92	32.48	3.91	25.79	219.9	0.069	1464	14.80	1845 UTC
40.0	4.76	32.92	4.76	26.05	195.4	0.090	1468	2.48	43 3.1 N
50.0	5.10	33.10	5.10	26.16	185.3	0.109	1470	7.49	66 51.5 W
60.0	5.22	33.16	5.22	26.19	181.9	0.127	1470	-1.69	Depth 155 m
70.0	5.23	33.16	5.23	26.19	182.2	0.145	1470	0.6	
80.0	5.27	33.18	5.26	26.20	181.2	0.164	1471	-1.3	
90.0	5.29	33.19	5.29	26.21	180.6	0.182	1471	-2.8	
100.0	5.32	33.21	5.31	26.22	179.9	0.200	1471	1.8	
110.0	5.35	33.22	5.34	26.23	179.4	0.218	1472	-1.0	
120.0	5.35	33.22	5.34	26.23	179.5	0.236	1472	-0.9	
130.0	5.35	33.22	5.34	26.23	179.5	0.254	1472	1.5	
140.0	5.36	33.23	5.35	26.23	179.5	0.271	1472	-1.6	
146.0	5.36	33.23	5.35	26.23	179.5	0.282	1472		



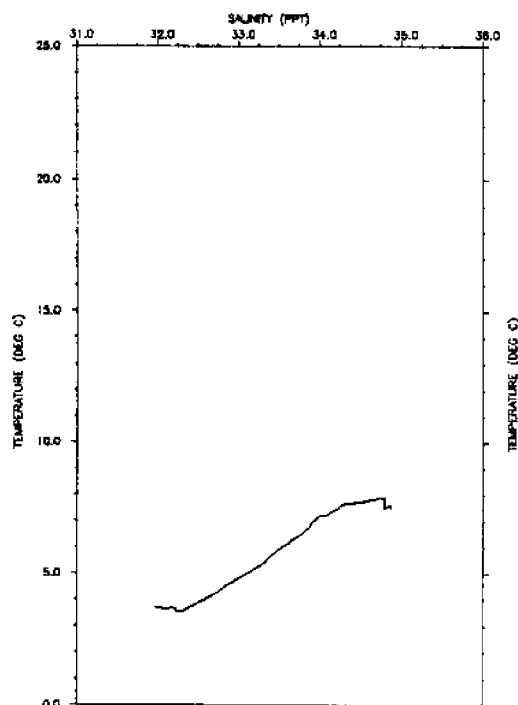
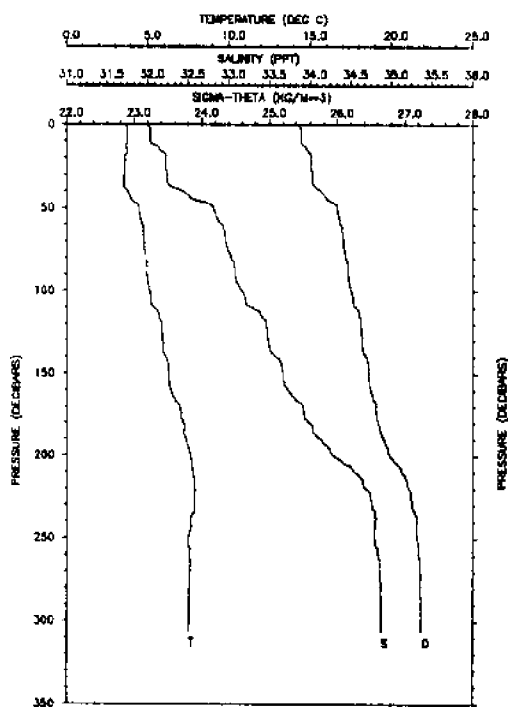
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/st+2	m/sec	cph	
0.0	3.72	32.17	3.72	25.56	241.7	0.000	1462	1.18	Cruise EN159
10.0	3.72	32.17	3.72	25.56	241.5	0.024	1462	-1.59	Station 105
20.0	3.69	32.17	3.69	25.56	241.5	0.048	1462	2.98	15 APR 1987
30.0	3.64	32.19	3.63	25.59	239.2	0.072	1462	1.40	2015 UTC
40.0	3.63	32.21	3.63	25.60	237.6	0.096	1462	2.94	42 52.0 N
50.0	4.13	32.59	4.13	25.85	214.0	0.119	1465	2.77	67 0.0 W
60.0	4.56	32.83	4.55	26.00	200.1	0.140	1467	3.70	Depth 212 m
70.0	4.69	32.88	4.68	26.03	197.2	0.160	1468	10.8	
80.0	5.19	33.09	5.18	26.14	187.5	0.179	1470	6.7	
90.0	5.56	33.24	5.55	26.21	180.3	0.197	1472	4.7	
100.0	5.80	33.33	5.79	26.26	176.6	0.215	1473	1.8	
110.0	6.37	33.57	6.36	26.38	165.1	0.232	1476	4.0	
120.0	6.81	33.83	6.80	26.52	151.8	0.248	1478	11.1	
130.0	7.15	34.05	7.14	26.65	140.3	0.263	1480	2.4	
140.0	7.40	34.20	7.38	26.73	132.5	0.276	1481	0.8	
150.0	7.49	34.28	7.48	26.79	127.7	0.289	1482	5.0	
160.0	7.59	34.35	7.58	26.83	123.9	0.302	1483	1.7	
170.0	7.61	34.37	7.59	26.84	123.4	0.314	1483	-0.5	
180.0	7.62	34.37	7.60	26.84	123.3	0.327	1483	1.5	
190.0	7.62	34.37	7.60	26.84	123.4	0.339	1483	-1.2	
200.0	7.64	34.38	7.62	26.85	123.0	0.351	1484	1.6	
206.0	7.65	34.39	7.63	26.85	122.7	0.359	1484		



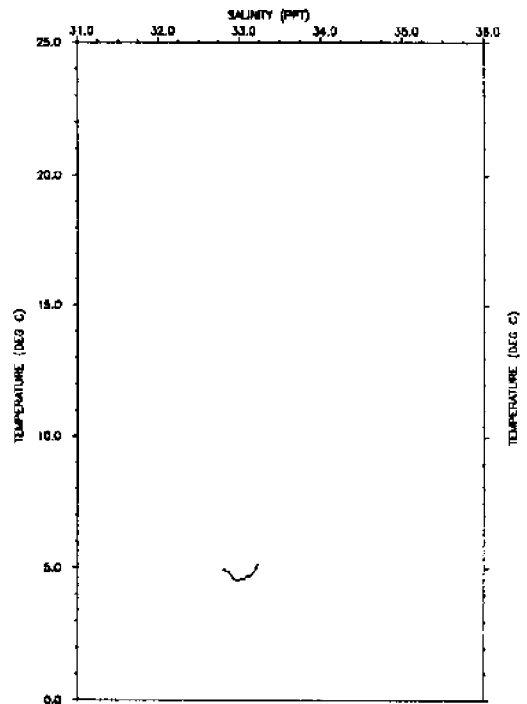
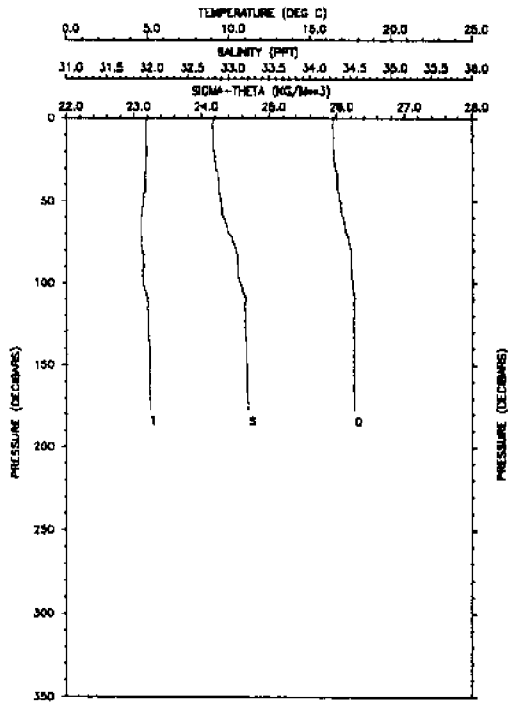
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	n/sec	cph	
0.0	3.78	32.25	3.78	25.62	235.6	0.000	1462	-1.39	Cruise EN159
10.0	3.74	32.25	3.74	25.62	235.7	0.024	1462	1.45	Station 106
20.0	3.65	32.27	3.65	25.65	233.3	0.047	1462	1.68	15 APR 1987
30.0	3.64	32.28	3.64	25.66	232.4	0.070	1462	-1.06	2137 UTC
40.0	3.64	32.29	3.63	25.66	231.9	0.094	1462	-0.70	42 42.0 N
50.0	3.66	32.36	3.66	25.72	226.5	0.117	1463	5.58	67 7.0 W
60.0	3.75	32.44	3.75	25.77	221.8	0.139	1463	6.89	Depth 242 m
70.0	3.91	32.53	3.90	25.83	216.0	0.161	1464	2.6	
80.0	4.09	32.63	4.09	25.89	210.4	0.182	1465	7.1	
90.0	4.78	32.93	4.78	26.06	194.9	0.203	1469	5.8	
100.0	5.32	33.11	5.31	26.14	187.6	0.221	1471	-1.1	
110.0	5.70	33.26	5.69	26.22	180.4	0.240	1473	-2.6	
120.0	5.76	33.28	5.75	26.22	180.0	0.258	1474	2.1	
130.0	6.06	33.41	6.05	26.29	174.1	0.276	1475	5.0	
140.0	6.24	33.52	6.22	26.36	167.6	0.293	1476	3.6	
150.0	6.37	33.65	6.36	26.44	160.2	0.309	1477	10.4	
160.0	7.37	34.19	7.36	26.73	132.8	0.324	1482	6.6	
170.0	7.61	34.38	7.59	26.85	122.2	0.336	1483	5.7	
180.0	7.75	34.57	7.73	26.97	110.6	0.348	1484	1.4	
190.0	7.76	34.57	7.74	26.98	110.3	0.359	1484	-0.4	
200.0	7.78	34.64	7.76	27.03	106.0	0.370	1484	1.1	
210.0	7.78	34.69	7.76	27.06	102.6	0.380	1485	7.3	
220.0	7.75	34.78	7.73	27.14	95.7	0.390	1485	1.3	
228.0	7.77	34.80	7.75	27.16	94.0	0.398	1485		



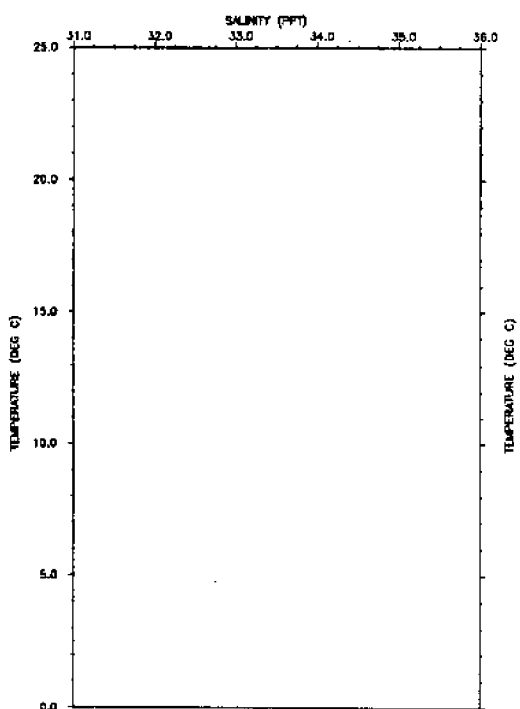
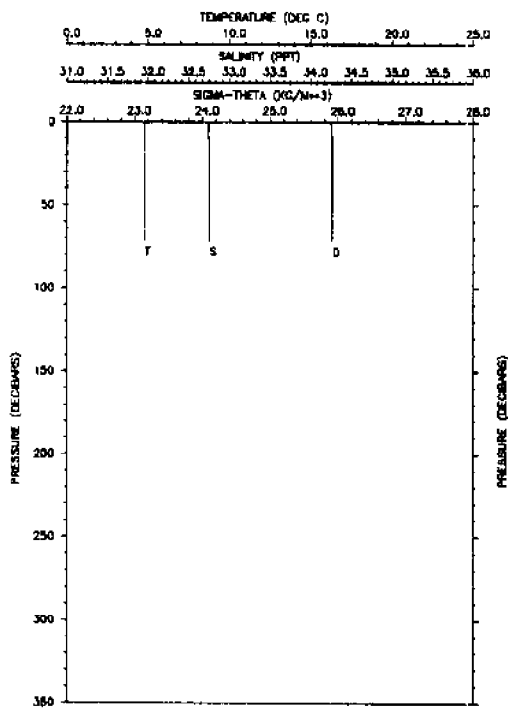
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cpH	
0.0	3.76	32.23	3.76	25.61	237.2	0.000	1462	-1.21	Cruise EN159
10.0	3.76	32.23	3.76	25.61	237.2	0.024	1462	-0.57	Station 107
20.0	3.68	32.23	3.68	25.61	236.6	0.047	1462	3.68	15 APR 1987
30.0	3.64	32.23	3.64	25.62	236.2	0.071	1462	0.83	2307 UTC
40.0	3.62	32.23	3.62	25.62	235.7	0.095	1462	1.43	42 31.4 N
50.0	3.63	32.26	3.63	25.64	234.3	0.118	1462	3.25	67 13.1 W
60.0	4.03	32.55	4.02	25.83	216.0	0.141	1465	4.70	Depth 325 m
70.0	4.33	32.72	4.33	25.94	205.7	0.162	1466	5.2	
80.0	4.67	32.92	4.66	26.06	194.6	0.182	1468	0.4	
90.0	4.84	33.00	4.83	26.11	190.5	0.201	1469	5.9	
100.0	5.07	33.10	5.06	26.16	185.5	0.220	1470	1.9	
110.0	5.16	33.14	5.15	26.18	183.6	0.239	1471	2.0	
120.0	5.47	33.27	5.46	26.25	177.5	0.257	1472	7.4	
130.0	5.91	33.46	5.90	26.35	168.1	0.274	1475	9.9	
140.0	6.23	33.59	6.21	26.41	162.4	0.290	1476	7.0	
150.0	6.34	33.68	6.33	26.47	157.0	0.306	1477	4.9	
160.0	6.53	33.77	6.51	26.51	153.2	0.322	1478	6.3	
170.0	7.06	33.99	7.05	26.62	143.6	0.336	1480	-3.2	
180.0	7.14	34.07	7.12	26.67	139.0	0.351	1481	5.2	
190.0	7.24	34.12	7.22	26.70	136.7	0.364	1482	6.3	
200.0	7.59	34.33	7.57	26.81	128.3	0.378	1483	4.6	
210.0	7.73	34.43	7.71	26.87	121.1	0.390	1484	7.1	
220.0	8.07	34.70	8.04	27.04	105.7	0.401	1486	6.8	
230.0	7.64	34.74	7.62	27.13	97.1	0.411	1485	4.2	
240.0	7.45	34.75	7.43	27.16	93.6	0.421	1484	1.8	
250.0	7.31	34.82	7.28	27.24	86.5	0.430	1484	5.7	
260.0	7.33	34.87	7.30	27.27	83.5	0.438	1484	1.2	
270.0	7.30	34.87	7.28	27.28	83.3	0.447	1484	-1.5	
280.0	7.23	34.86	7.20	27.28	82.9	0.455	1484	-3.3	
290.0	7.21	34.86	7.18	27.28	82.9	0.463	1484	0.9	
300.0	7.20	34.86	7.17	27.29	83.0	0.472	1484	1.8	
310.0	7.16	34.86	7.13	27.29	82.7	0.480	1484	1.9	
319.0	7.15	34.86	7.12	27.29	82.7	0.487	1484		



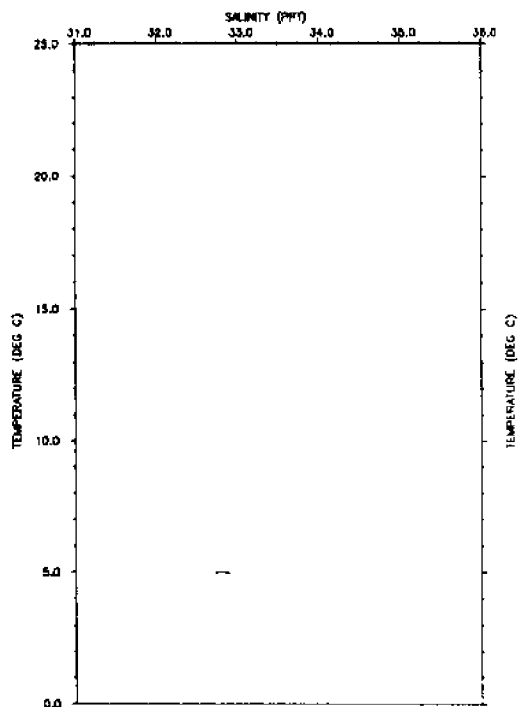
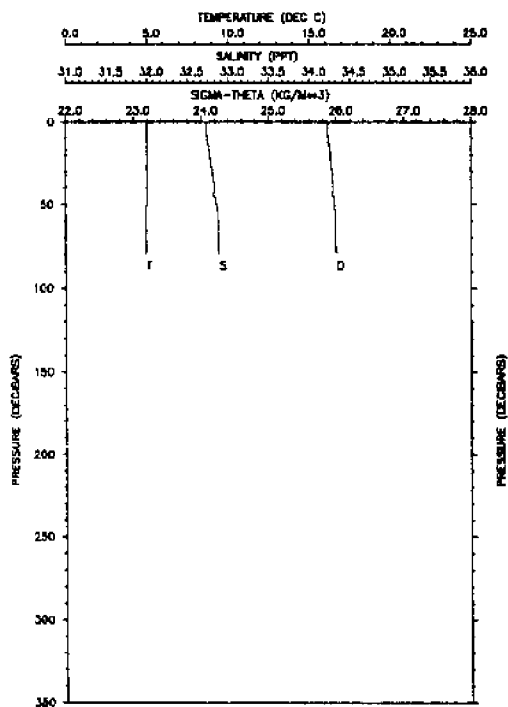
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	3.71	31.97	3.71	25.40	258.4	0.000	1461	10.11	Cruise EN159
10.0	3.70	32.04	3.70	25.46	251.1	0.025	1462	-0.29	Station 108
20.0	3.61	32.22	3.61	25.61	236.5	0.049	1462	2.32	16 APR 1987
30.0	3.55	32.24	3.55	25.63	234.7	0.073	1462	0.75	0045 UTC
40.0	3.75	32.42	3.74	25.78	222.6	0.096	1463	8.13	42 21.8 N
50.0	4.45	32.81	4.45	26.00	200.5	0.117	1467	3.42	67 11.4 W
60.0	4.65	32.90	4.64	26.05	195.3	0.137	1468	6.11	Depth 320 m
70.0	4.76	32.96	4.75	26.09	192.2	0.157	1468	2.4	
80.0	4.86	33.02	4.85	26.12	188.9	0.176	1469	4.0	
90.0	4.96	33.08	4.95	26.16	185.8	0.194	1470	1.9	
100.0	5.09	33.15	5.08	26.20	181.6	0.213	1470	5.4	
110.0	5.33	33.28	5.33	26.27	175.1	0.231	1472	8.4	
120.0	5.84	33.45	5.83	26.35	167.7	0.248	1474	1.7	
130.0	5.89	33.48	5.88	26.36	166.7	0.264	1475	1.4	
140.0	6.07	33.57	6.06	26.42	161.8	0.281	1476	7.6	
150.0	6.28	33.66	6.27	26.48	158.2	0.297	1477	-0.9	
160.0	6.41	33.72	6.39	26.49	155.1	0.313	1477	4.8	
170.0	6.98	33.91	6.97	26.56	148.8	0.328	1480	-2.3	
180.0	7.14	33.98	7.12	26.60	145.7	0.343	1481	5.4	
190.0	7.34	34.14	7.32	26.70	136.8	0.357	1482	1.8	
200.0	7.63	34.29	7.61	26.77	129.8	0.370	1483	4.9	
210.0	7.75	34.55	7.73	26.96	112.6	0.382	1484	7.6	
220.0	7.84	34.69	7.82	27.06	103.1	0.393	1485	6.9	
230.0	7.87	34.76	7.84	27.11	98.8	0.403	1485	3.1	
240.0	7.84	34.80	7.61	27.17	92.6	0.412	1485	3.2	
250.0	7.50	34.79	7.48	27.19	91.6	0.422	1484	2.9	
260.0	7.57	34.83	7.55	27.21	89.6	0.431	1485	2.3	
270.0	7.58	34.86	7.56	27.23	88.1	0.440	1485	1.8	
280.0	7.57	34.87	7.55	27.24	87.5	0.448	1485	2.2	
290.0	7.57	34.87	7.54	27.24	87.1	0.457	1485	2.0	
300.0	7.55	34.87	7.52	27.25	86.9	0.466	1486	1.4	
306.0	7.51	34.87	7.48	27.25	86.7	0.471	1485		



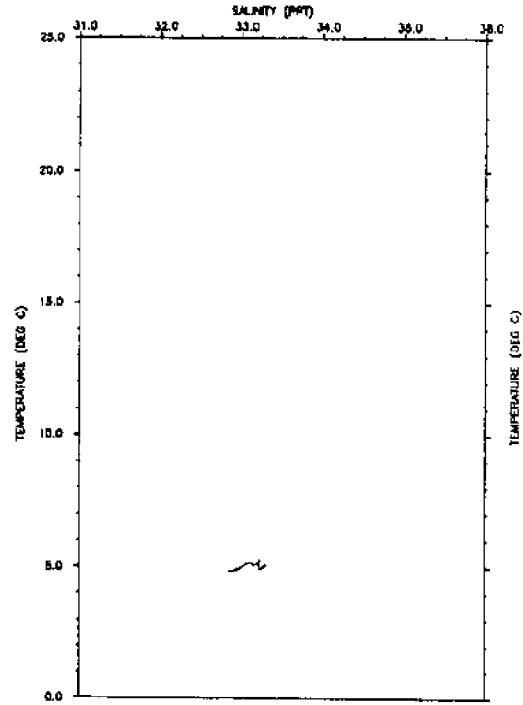
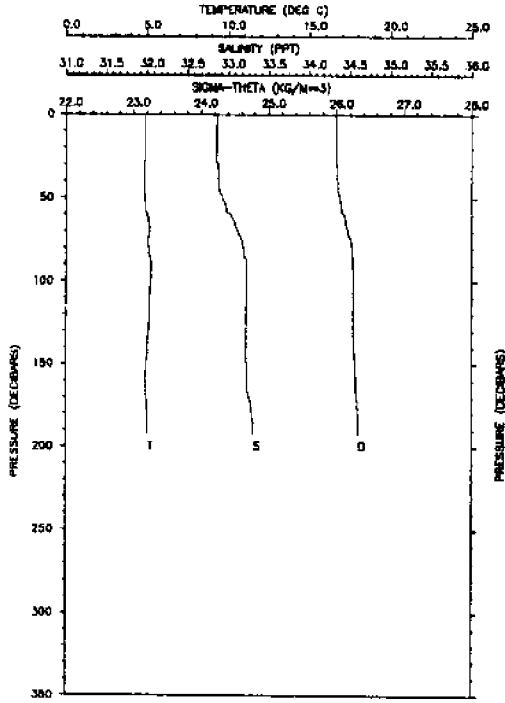
P	T	S	PT	STH	SPVA	OH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	nt ³ /kg	10nt ² /st ²	m/sec	cph	
0.0	4.94	32.81	4.94	25.95	204.9	0.000	1468	0.71	Cruise EN159
10.0	4.95	32.81	4.95	25.94	205.0	0.021	1468	0.74	Station 109
20.0	4.94	32.82	4.94	25.96	204.1	0.041	1468	1.96	16 APR 1987
30.0	4.89	32.84	4.89	25.98	202.3	0.061	1468	4.15	0200 UTC
40.0	4.86	32.88	4.85	26.01	199.3	0.081	1468	1.16	42 12.0 N
50.0	4.74	32.90	4.73	26.04	196.4	0.101	1468	4.28	67 10.5 W
60.0	4.59	32.94	4.58	26.09	192.1	0.121	1467	5.23	Depth 184 m
70.0	4.57	33.00	4.56	26.14	186.9	0.140	1468	7.3	
80.0	4.68	33.09	4.67	26.20	181.5	0.158	1468	-2.0	
90.0	4.76	33.11	4.76	26.21	180.8	0.176	1469	-2.4	
100.0	4.75	33.14	4.74	26.23	178.7	0.194	1469	1.0	
110.0	4.97	33.21	4.96	26.26	175.9	0.212	1470	-3.9	
120.0	5.01	33.20	5.00	26.25	177.3	0.230	1470	-1.1	
130.0	5.03	33.20	5.02	26.25	177.4	0.247	1471	-1.9	
140.0	5.11	33.22	5.09	26.25	177.3	0.265	1471	-1.1	
150.0	5.11	33.22	5.10	26.25	177.2	0.283	1471	-1.2	
160.0	5.13	33.23	5.12	26.26	177.1	0.301	1472	-1.0	
170.0	5.15	33.23	5.13	26.26	177.0	0.318	1472	-0.4	
177.0	5.18	33.25	5.17	26.27	176.2	0.331	1472		



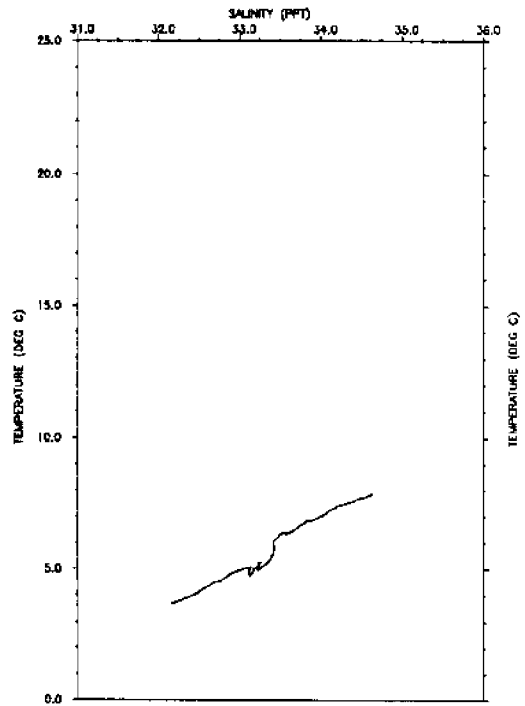
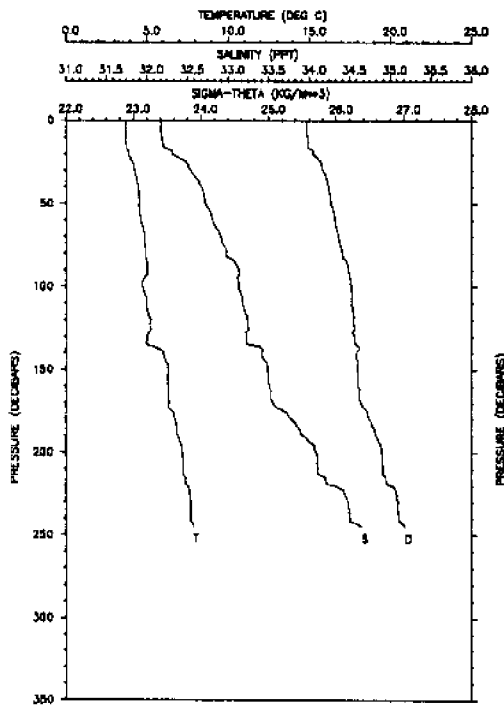
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /st ²	m/sec	cph	
0.0	4.79	32.75	4.79	25.91	207.9	0.000	1467	-0.25	Cruise EN159
10.0	4.78	32.75	4.78	25.92	207.8	0.021	1467	2.89	Station 110
20.0	4.79	32.76	4.79	25.92	207.3	0.042	1467	-1.06	16 APR 1987
30.0	4.79	32.76	4.79	25.92	207.6	0.062	1467	-1.40	0307 UTC
40.0	4.79	32.75	4.78	25.92	207.9	0.083	1468	1.37	42 8.1 N
50.0	4.79	32.75	4.78	25.92	207.9	0.104	1468	-0.93	67 10.1 W
60.0	4.79	32.76	4.79	25.92	207.7	0.125	1468	1.13	Depth 72 m
70.0	4.79	32.76	4.79	25.92	207.8	0.145	1468	0.4	
71.0	4.79	32.76	4.79	25.92	207.7	0.147	1468		



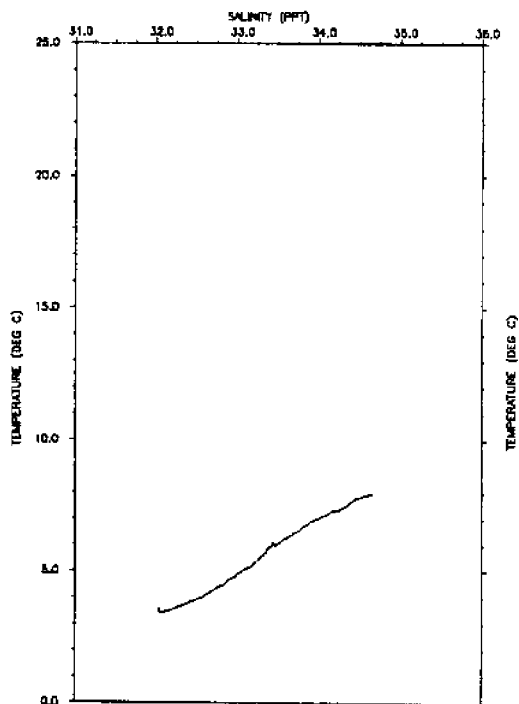
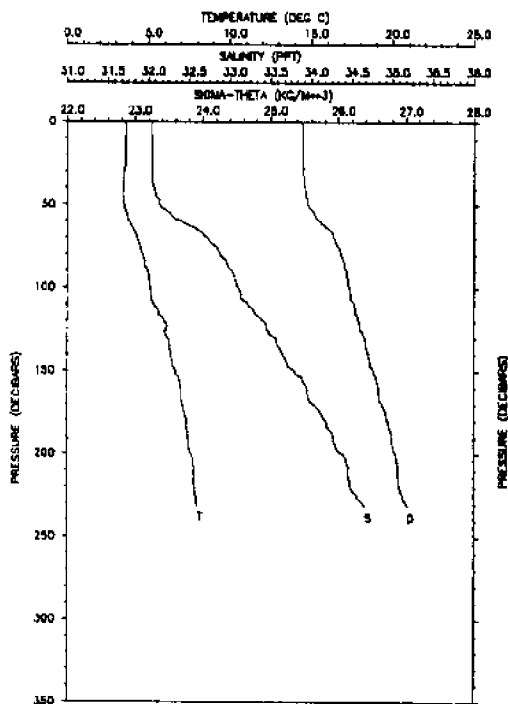
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.99	32.74	4.99	25.88	210.9	0.000	1468	0.00	Cruise EN159
10.0	4.99	32.74	4.99	25.89	210.6	0.021	1468	2.51	Station 111
20.0	5.00	32.78	5.00	25.92	207.7	0.042	1468	0.50	16 APR 1987
30.0	5.00	32.81	5.00	25.94	205.8	0.063	1468	0.58	0437 UTC
40.0	5.00	32.83	5.00	25.96	204.0	0.083	1469	1.84	42 5.7 N
50.0	4.99	32.86	4.99	25.98	202.2	0.104	1469	4.30	67 27.4 W
60.0	4.98	32.88	4.98	26.00	200.4	0.124	1469	0.55	Depth 87 m
70.0	4.98	32.88	4.98	26.00	200.3	0.144	1469	-0.6	
79.0	4.97	32.90	4.97	26.01	199.3	0.162	1469		



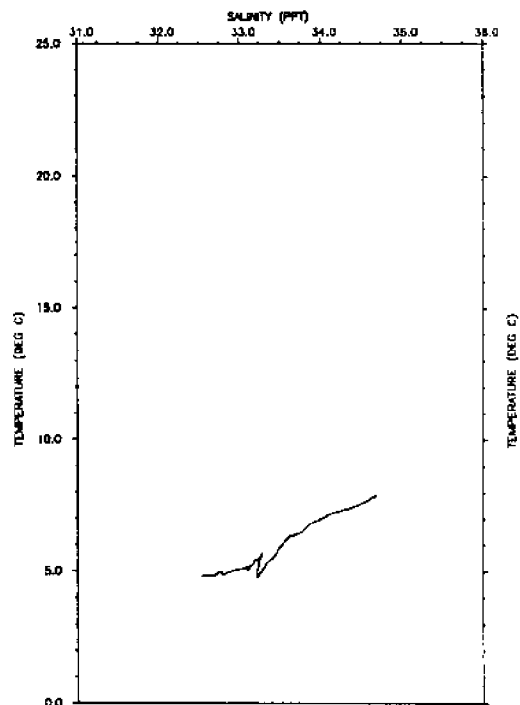
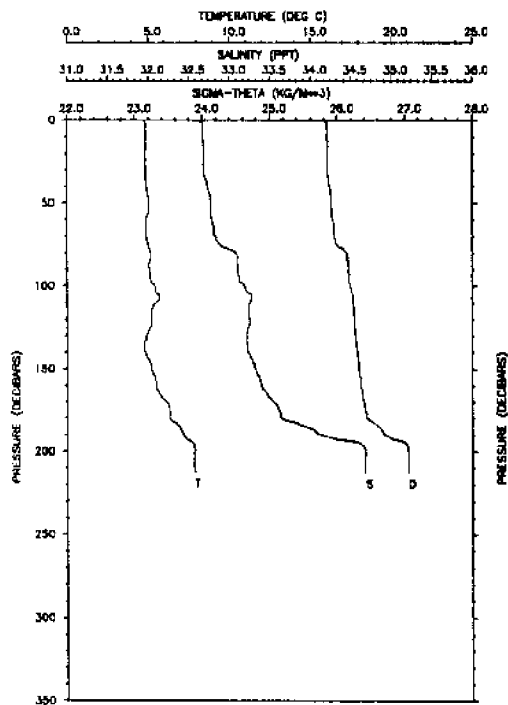
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.88	32.87	4.88	26.00	199.8	0.000	1468	-1.53	Cruise EN159
10.0	4.88	32.86	4.88	26.00	200.1	0.020	1468	-1.17	Station 112
20.0	4.88	32.87	4.88	26.00	200.2	0.040	1468	-1.08	16 APR 1987
30.0	4.84	32.87	4.84	26.01	199.4	0.060	1468	4.30	0522 UTC
40.0	4.84	32.88	4.83	26.02	198.4	0.080	1468	1.10	42 10.2 N
50.0	4.89	32.93	4.89	26.05	195.4	0.100	1468	3.65	67 29.9 W
60.0	5.03	33.03	5.02	26.11	189.9	0.119	1469	5.51	Depth 200 m
70.0	5.16	33.12	5.16	26.17	184.7	0.138	1470	2.9	
80.0	5.11	33.19	5.11	26.23	178.9	0.156	1470	1.0	
90.0	5.27	33.23	5.26	26.24	177.7	0.174	1471	2.4	
100.0	5.24	33.24	5.24	26.25	177.1	0.191	1471	-0.6	
110.0	5.19	33.23	5.18	26.25	176.9	0.209	1471	-2.2	
120.0	5.17	33.23	5.16	26.25	177.0	0.227	1471	1.5	
130.0	5.10	33.22	5.09	26.26	176.8	0.244	1471	0.8	
140.0	5.06	33.22	5.05	26.26	176.4	0.262	1471	3.7	
150.0	4.94	33.23	4.93	26.28	174.6	0.280	1471	1.6	
160.0	4.92	33.23	4.91	26.29	174.2	0.297	1471	-0.6	
170.0	4.95	33.25	4.93	26.30	173.0	0.314	1471	3.1	
180.0	5.04	33.29	5.03	26.32	171.1	0.332	1472	2.7	
190.0	5.07	33.31	5.06	26.33	170.5	0.349	1472	-0.6	
192.0	5.08	33.31	5.06	26.33	170.4	0.352	1472		



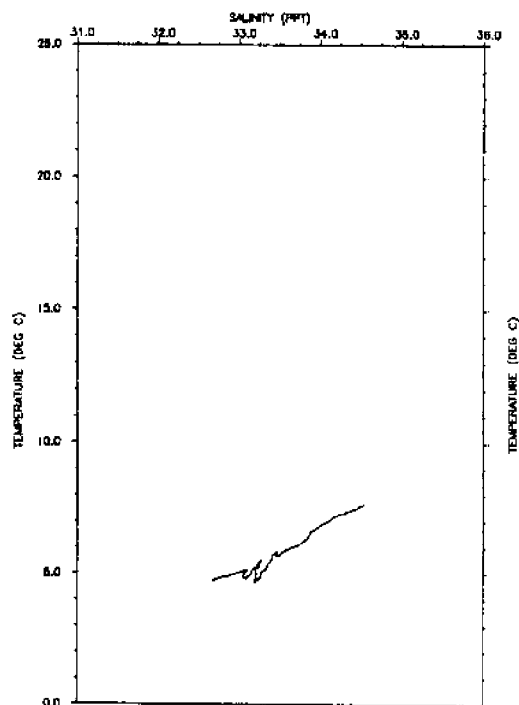
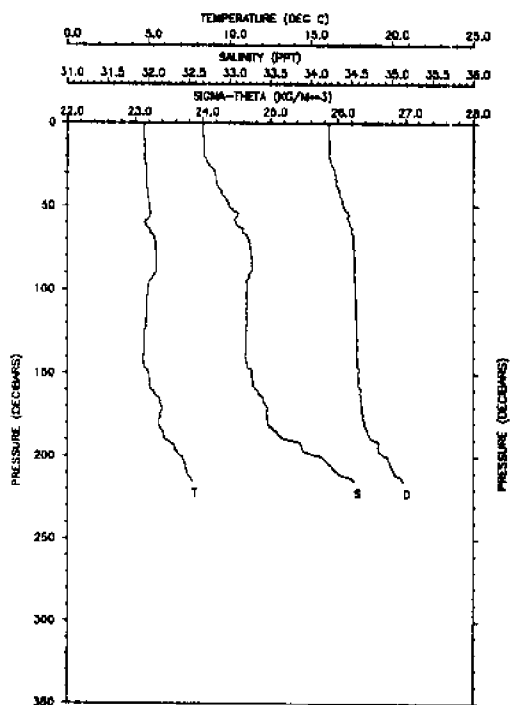
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	3.72	32.17	3.72	25.57	241.0	0.000	1462	1.52	Cruise EN159
10.0	3.72	32.18	3.72	25.57	240.3	0.024	1462	-2.39	Station 113
20.0	3.87	32.31	3.87	25.66	232.5	0.048	1463	9.24	16 APR 1987
30.0	4.24	32.55	4.24	25.81	217.8	0.070	1465	3.29	0622 UTC
40.0	4.46	32.67	4.46	25.89	210.9	0.092	1466	3.96	42 15.0 N
50.0	4.52	32.72	4.52	25.92	207.4	0.112	1467	3.95	67 32.1 W
60.0	4.64	32.81	4.64	25.98	202.2	0.133	1467	3.07	Depth 259 m
70.0	4.84	32.90	4.84	26.03	197.4	0.153	1469	4.8	
80.0	4.92	32.98	4.92	26.09	192.4	0.172	1469	-1.5	
90.0	5.07	33.13	5.06	26.19	182.8	0.191	1470	3.5	
100.0	4.76	33.13	4.75	26.22	179.8	0.209	1469	1.3	
110.0	5.01	33.19	5.01	26.24	178.4	0.227	1470	-1.0	
120.0	5.24	33.24	5.23	26.26	176.6	0.245	1471	0.4	
130.0	5.06	33.23	5.05	26.27	175.5	0.262	1471	1.4	
140.0	6.03	33.42	6.02	26.30	172.7	0.280	1475	2.3	
150.0	6.34	33.49	6.33	26.32	171.7	0.297	1477	2.8	
160.0	6.34	33.51	6.33	26.33	170.3	0.314	1477	3.1	
170.0	6.38	33.56	6.36	26.37	167.3	0.331	1477	4.3	
180.0	6.73	33.78	6.71	26.50	155.3	0.347	1479	6.7	
190.0	6.90	33.93	6.88	26.59	146.6	0.362	1480	7.8	
200.0	7.18	34.09	7.16	26.68	138.6	0.376	1481	2.8	
210.0	7.24	34.11	7.22	26.69	137.9	0.390	1482	-2.6	
220.0	7.51	34.33	7.49	26.82	125.6	0.403	1483	9.0	
230.0	7.70	34.49	7.68	26.92	116.5	0.415	1484	-2.2	
240.0	7.72	34.50	7.70	26.92	116.3	0.427	1485	2.2	
245.0	7.88	34.64	7.85	27.02	107.8	0.433	1486		



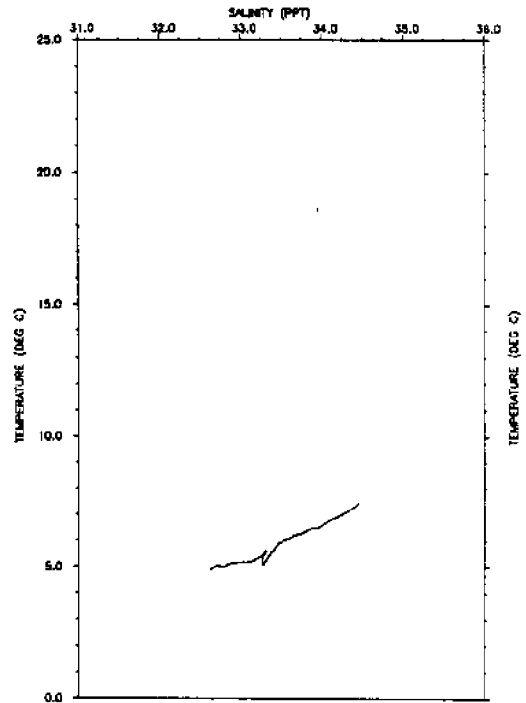
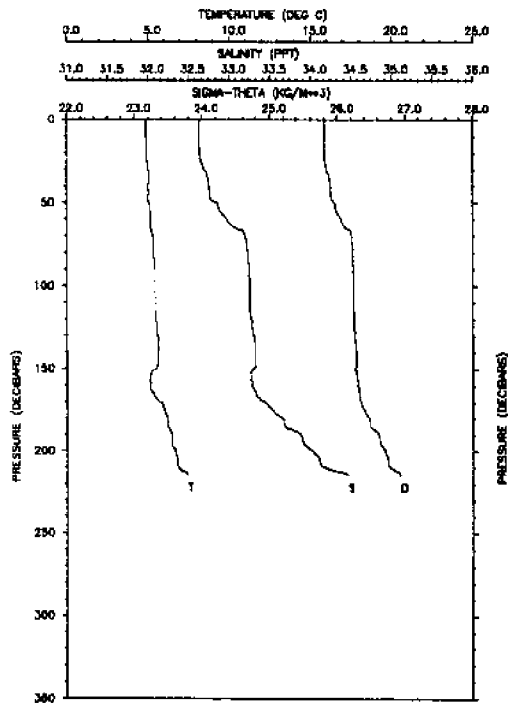
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/σ+2	m/sec	cph	
0.0	3.61	32.04	3.61	25.47	250.4	0.000	1481	0.83	Cruise EN159
10.0	3.60	32.04	3.60	25.47	250.2	0.025	1481	2.08	Station 114
20.0	3.57	32.04	3.57	25.47	249.9	0.050	1481	-0.40	16 APR 1987
30.0	3.51	32.04	3.51	25.48	249.4	0.075	1481	-0.38	0730 UTC
40.0	3.45	32.07	3.45	25.51	248.8	0.100	1481	2.82	42 20.1 N
50.0	3.49	32.13	3.48	25.55	242.7	0.124	1482	3.94	67 34.9 W
60.0	3.80	32.41	3.79	25.74	224.4	0.148	1483	6.03	Depth 265 m
70.0	4.29	32.71	4.28	25.94	206.2	0.169	1486	6.1	
80.0	4.62	32.88	4.62	26.04	196.7	0.189	1488	4.8	
90.0	4.94	33.03	4.93	26.12	189.3	0.209	1469	4.8	
100.0	5.09	33.10	5.08	26.16	185.5	0.227	1470	4.1	
110.0	5.32	33.22	5.32	26.23	179.4	0.246	1472	5.1	
120.0	5.95	33.41	5.94	26.30	172.4	0.263	1474	3.7	
130.0	6.15	33.55	6.13	26.39	164.0	0.280	1476	3.7	
140.0	6.36	33.65	6.35	26.44	160.0	0.296	1477	3.8	
150.0	6.66	33.79	6.64	26.52	152.8	0.312	1478	-1.8	
160.0	6.97	33.95	6.96	26.60	145.7	0.327	1480	3.3	
170.0	7.09	34.03	7.08	26.65	141.2	0.341	1481	3.8	
180.0	7.33	34.18	7.32	26.73	133.5	0.355	1482	5.1	
190.0	7.41	34.27	7.40	26.79	127.9	0.368	1482	1.8	
200.0	7.62	34.38	7.60	26.85	122.6	0.381	1484	4.1	
210.0	7.80	34.45	7.77	26.88	120.1	0.393	1484	0.3	
220.0	7.80	34.48	7.78	26.90	118.1	0.405	1485	4.0	
230.0	7.95	34.64	7.93	27.00	108.9	0.416	1486	5.4	
231.0	7.98	34.65	7.94	27.01	108.1	0.417	1486		



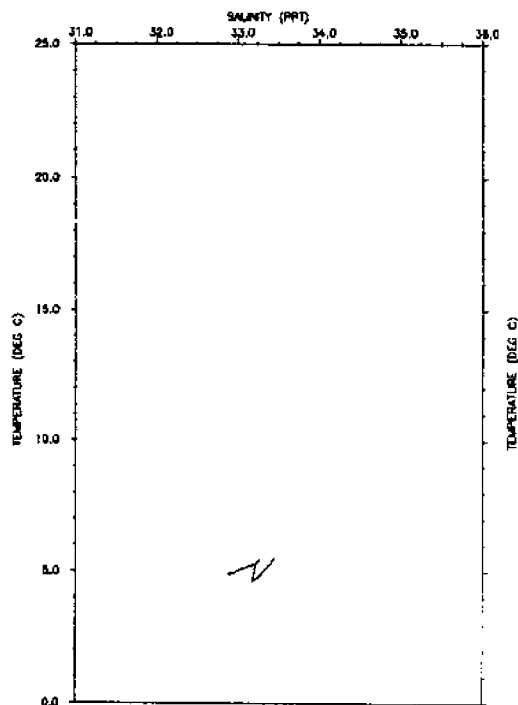
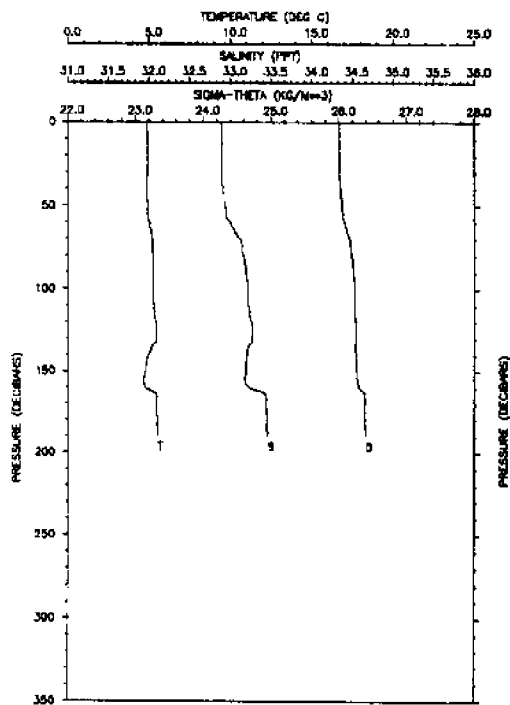
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/at+2	m/sec	cph	
0.0	4.81	32.53	4.81	25.74	224.3	0.000	1467	17.58	Cruise EN159
10.0	4.84	32.68	4.83	25.85	213.9	0.021	1467	0.90	Station 115
20.0	4.85	32.68	4.85	25.85	213.8	0.043	1467	1.84	16 APR 1987
30.0	4.85	32.68	4.85	25.86	213.7	0.064	1468	1.89	0900 UTC
40.0	4.92	32.73	4.92	25.89	210.7	0.085	1468	3.16	42 13.9 N
50.0	5.01	32.78	5.00	25.91	208.5	0.106	1469	0.96	67 44.9 W
60.0	4.91	32.79	4.90	25.93	206.6	0.127	1469	3.15	Depth 224 m
70.0	4.90	32.83	4.89	25.96	203.7	0.148	1469	2.1	
80.0	5.16	33.09	5.15	26.14	187.0	0.167	1470	3.4	
90.0	5.09	33.11	5.08	26.17	184.6	0.186	1470	-1.1	
100.0	5.43	33.19	5.42	26.19	182.6	0.204	1472	3.1	
110.0	5.51	33.25	5.50	26.23	178.8	0.222	1472	5.1	
120.0	5.27	33.25	5.26	26.26	176.2	0.240	1472	1.9	
130.0	4.88	33.22	4.87	26.28	174.8	0.258	1470	5.0	
140.0	4.81	33.24	4.80	26.30	172.6	0.275	1470	3.3	
150.0	5.22	33.32	5.21	26.32	171.2	0.292	1472	3.6	
160.0	5.48	33.39	5.47	26.35	168.6	0.309	1473	4.5	
170.0	6.06	33.54	6.05	26.39	164.5	0.326	1476	5.1	
180.0	6.32	33.64	6.31	26.44	160.2	0.342	1477	7.8	
190.0	7.19	34.13	7.17	26.71	135.4	0.357	1481	13.1	
200.0	7.85	34.68	7.83	27.05	103.8	0.368	1485	2.2	
210.0	7.85	34.68	7.83	27.05	103.9	0.378	1485	-0.9	
212.0	7.85	34.68	7.83	27.05	103.9	0.381	1485		



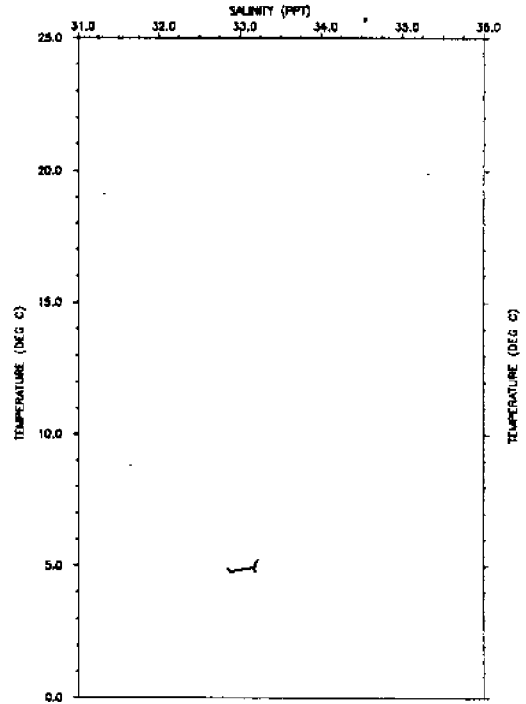
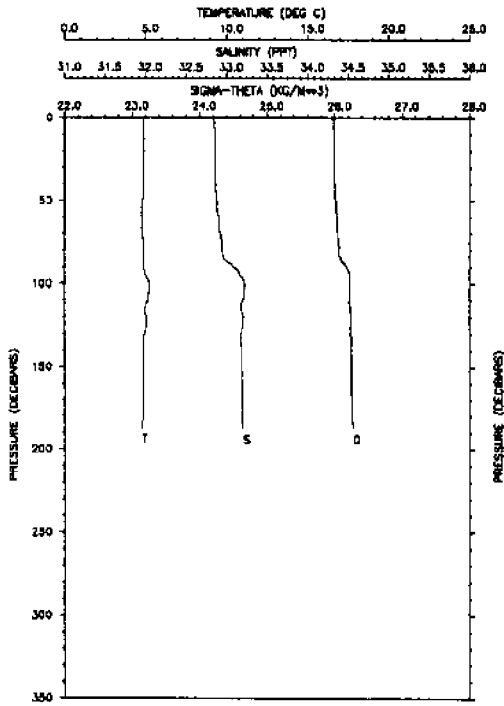
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	ml ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.74	32.68	4.74	25.86	212.9	0.000	1467	-2.03	Cruise EN159
10.0	4.76	32.68	4.76	25.86	212.8	0.021	1467	2.20	Station 116
20.0	4.77	32.69	4.77	25.87	212.6	0.043	1467	2.95	16 APR 1987
30.0	4.88	32.82	4.88	25.96	204.1	0.063	1468	3.73	1037 UTC
40.0	4.92	32.89	4.92	26.01	199.1	0.084	1468	4.41	42 8.0 N
50.0	5.05	32.99	5.04	26.08	192.6	0.103	1469	5.62	67 55.8 W
60.0	4.80	33.08	4.80	26.18	183.6	0.122	1468	-2.43	Depth 224 m
70.0	5.38	33.23	5.38	26.23	178.6	0.140	1471	4.5	
80.0	5.49	33.27	5.49	26.25	177.3	0.158	1472	2.5	
90.0	5.48	33.26	5.45	26.24	177.6	0.176	1472	-1.9	
100.0	4.98	33.22	4.97	26.27	175.5	0.193	1470	-1.7	
110.0	4.91	33.21	4.80	26.27	175.2	0.211	1470	-1.2	
120.0	4.85	33.21	4.84	26.28	174.6	0.228	1470	0.6	
130.0	4.75	33.21	4.74	26.29	173.8	0.246	1470	-2.3	
140.0	4.67	33.19	4.66	26.28	174.3	0.263	1469	4.5	
150.0	5.01	33.27	5.00	26.31	172.2	0.280	1471	-2.7	
160.0	5.18	33.34	5.17	26.34	169.1	0.298	1472	-5.8	
170.0	5.81	33.48	5.80	26.36	167.4	0.314	1475	-1.1	
180.0	5.64	33.47	5.63	26.39	164.9	0.331	1474	3.7	
190.0	6.07	33.71	6.06	26.53	152.1	0.347	1477	14.5	
200.0	7.05	34.12	7.03	26.72	134.6	0.362	1481	6.8	
210.0	7.39	34.33	7.37	26.84	123.5	0.374	1483	8.1	
215.0	7.66	34.53	7.64	26.96	112.2	0.380	1484		



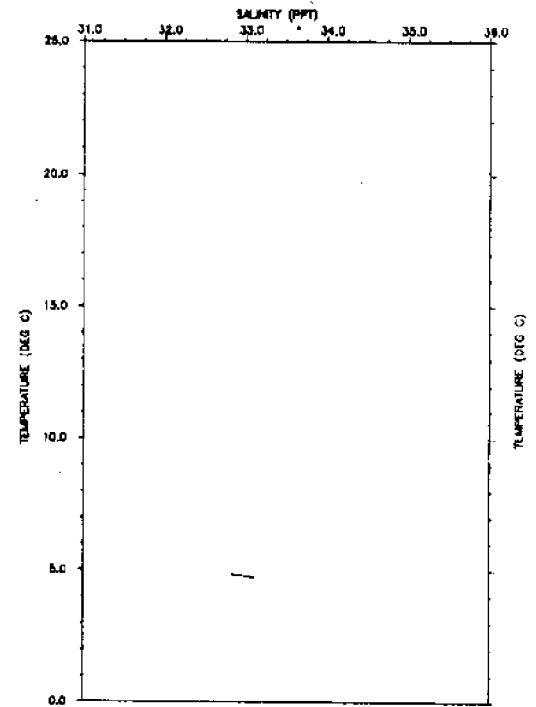
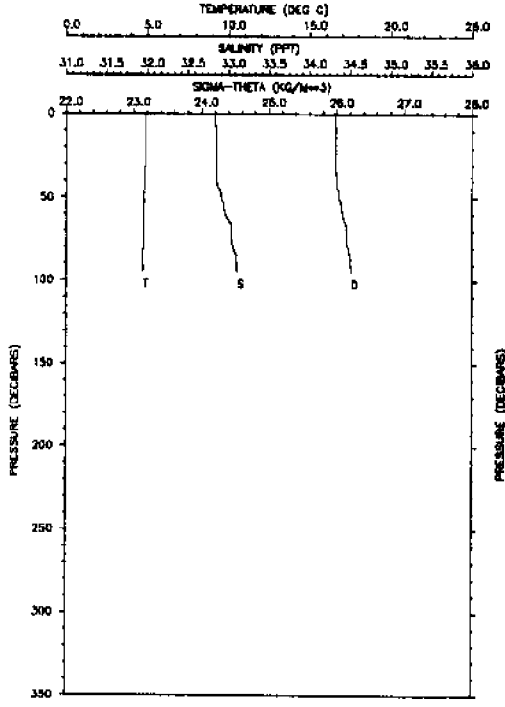
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.91	32.64	4.91	25.81	217.3	0.000	1467	0.44	Cruise EN159
10.0	4.92	32.64	4.92	25.81	217.5	0.022	1468	1.35	Station 117
20.0	4.93	32.64	4.93	25.82	217.4	0.043	1468	0.05	16 APR 1987
30.0	5.03	32.69	5.03	25.84	215.2	0.065	1468	4.83	1200 UTC
40.0	5.01	32.78	5.01	25.90	210.0	0.086	1469	2.82	42 2.1 N
50.0	5.10	32.85	5.09	25.96	203.8	0.107	1469	4.75	68 7.0 W
60.0	5.17	32.97	5.17	26.05	195.4	0.127	1470	5.67	Depth 224 m
70.0	5.32	33.19	5.31	26.21	180.7	0.146	1471	3.7	
80.0	5.38	33.24	5.37	26.23	178.3	0.164	1471	1.2	
90.0	5.42	33.25	5.42	26.24	177.8	0.182	1472	-1.0	
100.0	5.44	33.25	5.43	26.24	177.9	0.200	1472	-0.7	
110.0	5.43	33.25	5.42	26.24	177.9	0.217	1472	0.9	
120.0	5.50	33.27	5.49	26.25	177.3	0.235	1473	1.9	
130.0	5.56	33.30	5.55	26.26	176.3	0.253	1473	3.4	
140.0	5.62	33.32	5.61	26.27	175.3	0.270	1473	0.8	
150.0	5.51	33.30	5.50	26.27	176.0	0.288	1473	4.4	
160.0	5.12	33.27	5.11	26.29	173.4	0.305	1472	7.8	
170.0	5.68	33.44	5.66	26.36	167.8	0.322	1474	-3.1	
180.0	6.19	33.66	6.18	26.47	157.5	0.339	1477	4.2	
190.0	6.47	33.88	6.45	26.61	144.7	0.354	1478	3.1	
200.0	6.66	34.03	6.64	26.71	135.6	0.368	1479	4.0	
210.0	6.88	34.18	6.86	26.79	128.1	0.382	1481	9.7	
215.0	7.45	34.46	7.43	26.93	114.9	0.388	1483		



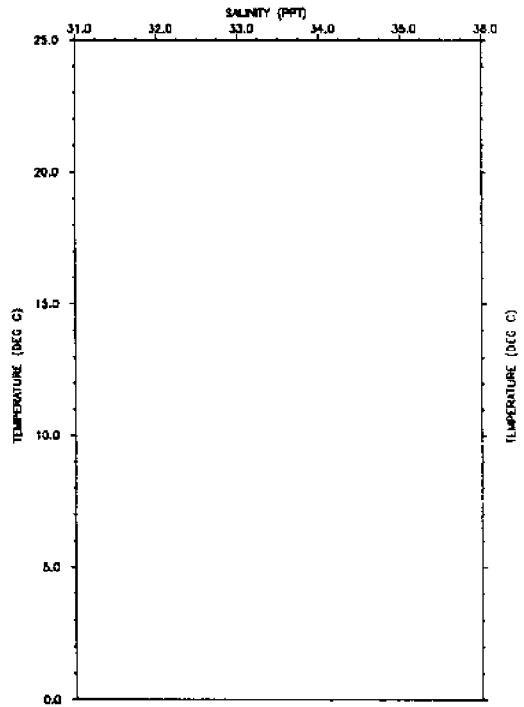
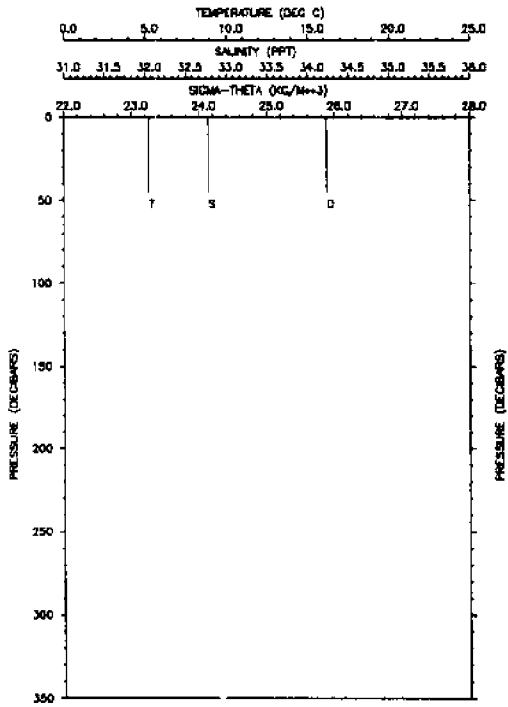
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.92	32.89	4.92	26.01	198.4	0.000	1468	1.03	Cruise EN159
10.0	4.93	32.90	4.93	26.02	198.2	0.020	1468	0.37	Station 118
20.0	4.94	32.90	4.94	26.02	198.4	0.040	1468	-1.45	16 APR 1987
30.0	4.92	32.90	4.92	26.02	198.3	0.060	1468	-1.00	1337 UTC
40.0	4.91	32.91	4.90	26.03	197.4	0.079	1468	1.01	41 56.0 N
50.0	4.93	32.94	4.93	26.05	195.5	0.099	1469	3.10	68 17.5 W
60.0	5.02	33.00	5.01	26.09	192.2	0.118	1469	2.92	Depth 197 m
70.0	5.19	33.12	5.18	26.17	184.4	0.137	1470	4.1	
80.0	5.25	33.17	5.25	26.19	182.2	0.156	1471	0.7	
90.0	5.27	33.20	5.26	26.22	180.2	0.174	1471	1.8	
100.0	5.27	33.21	5.27	26.23	179.1	0.192	1471	0.9	
110.0	5.29	33.22	5.28	26.23	178.9	0.210	1471	2.0	
120.0	5.40	33.26	5.30	26.25	177.3	0.227	1472	0.7	
130.0	5.45	33.27	5.44	26.25	177.3	0.245	1472	-0.9	
140.0	4.98	33.21	4.97	26.26	176.6	0.263	1471	-3.0	
150.0	4.77	33.19	4.75	26.27	175.9	0.281	1470	4.4	
160.0	4.74	33.22	4.73	26.30	173.1	0.290	1470	9.1	
170.0	5.50	33.44	5.48	26.38	165.2	0.315	1474	0.8	
180.0	5.51	33.45	5.50	26.38	165.3	0.331	1474	-1.1	
189.0	5.52	33.45	5.51	26.39	164.8	0.346	1474		



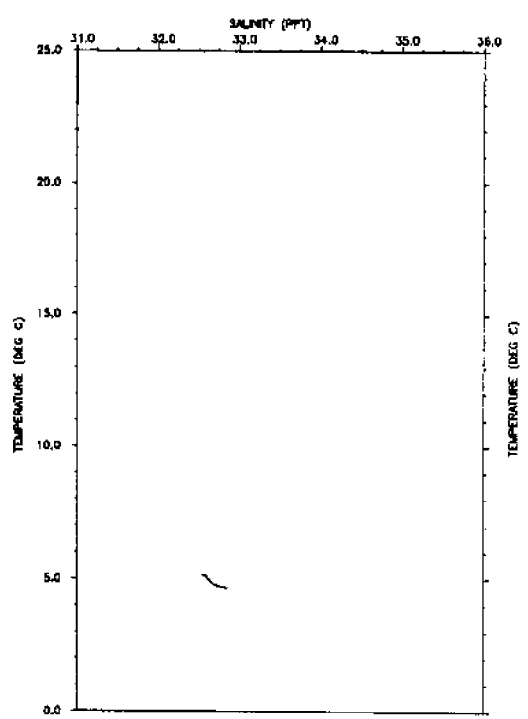
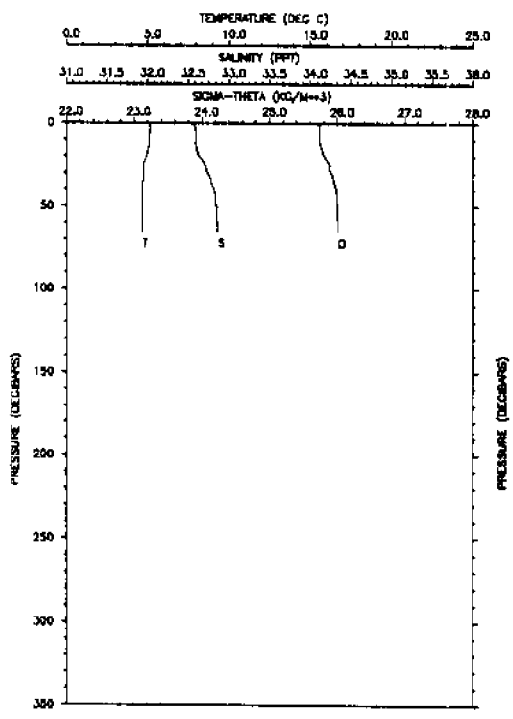
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.89	32.83	4.89	25.96	203.0	0.000	1468	4.44	Cruise EN159
10.0	4.87	32.86	4.87	26.00	200.3	0.020	1468	1.01	Station 119
20.0	4.88	32.86	4.87	26.00	200.3	0.040	1468	-0.48	16 APR 1987
30.0	4.87	32.86	4.87	26.00	200.2	0.060	1468	0.73	1437 UTC
40.0	4.86	32.87	4.86	26.00	200.1	0.080	1468	1.94	41 51.0 N
50.0	4.80	32.88	4.79	26.02	198.6	0.100	1468	2.75	68 14.0 W
60.0	4.78	32.91	4.77	26.04	196.5	0.120	1468	1.63	Depth 188 m
70.0	4.81	32.92	4.81	26.05	195.9	0.140	1468	3.4	
80.0	4.85	32.95	4.84	26.07	194.0	0.159	1469	1.7	
90.0	4.90	33.09	4.90	26.17	184.2	0.178	1469	7.5	
100.0	5.24	33.22	5.23	26.24	178.3	0.196	1471	1.8	
110.0	5.18	33.21	5.17	26.24	178.5	0.214	1471	-7.2	
120.0	5.05	33.21	5.04	26.25	177.2	0.232	1471	-3.7	
130.0	4.94	33.17	4.93	26.23	179.1	0.249	1470	6.3	
140.0	4.86	33.19	4.85	26.25	176.9	0.267	1470	1.5	
150.0	4.86	33.19	4.85	26.26	176.9	0.285	1470	-0.6	
160.0	4.87	33.19	4.85	26.26	177.0	0.303	1470	-1.0	
170.0	4.86	33.19	4.85	26.26	176.8	0.320	1471	1.2	
180.0	4.83	33.20	4.82	26.27	176.3	0.338	1471	-0.7	
187.0	4.77	33.20	4.75	26.28	175.2	0.350	1471		



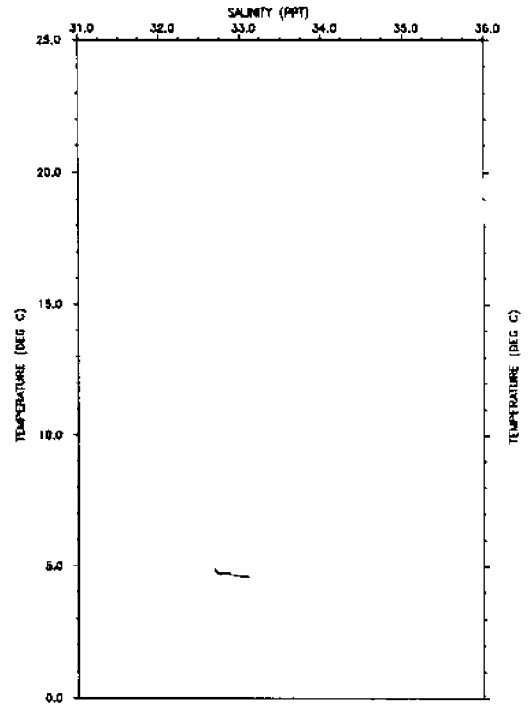
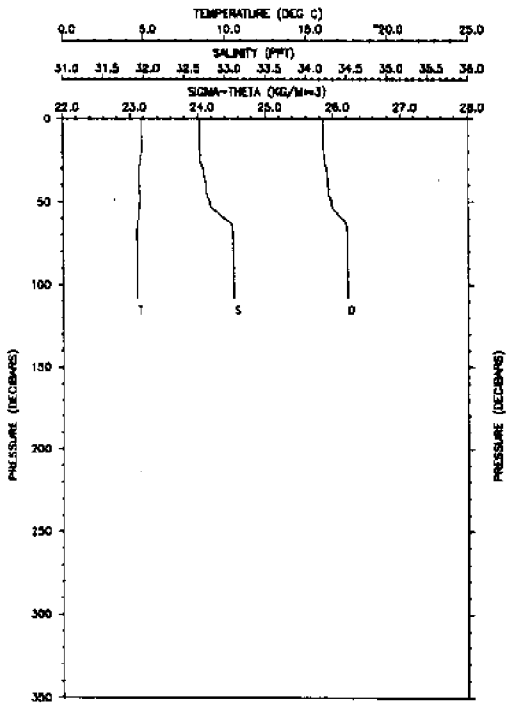
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.88	32.84	4.88	25.97	202.2	0.000	1467	1.15	Cruise EN159
10.0	4.88	32.85	4.88	25.99	201.2	0.020	1468	1.32	Station 120
20.0	4.88	32.85	4.88	25.99	201.1	0.040	1468	1.03	18 APR 1987
30.0	4.88	32.85	4.88	25.99	201.1	0.060	1468	1.15	1522 UTC
40.0	4.88	32.86	4.88	25.99	200.8	0.080	1468	0.78	41 48.6 N
50.0	4.83	32.91	4.82	26.04	196.4	0.100	1468	3.64	68 11.9 W
60.0	4.80	32.96	4.80	26.08	192.3	0.120	1468	3.77	Depth 98 m
70.0	4.78	33.04	4.78	26.14	186.8	0.139	1468	1.4	
80.0	4.77	33.06	4.76	26.16	184.9	0.157	1469	5.1	
90.0	4.73	33.10	4.72	26.20	181.3	0.176	1469	1.4	
95.0	4.71	33.11	4.71	26.21	180.6	0.185	1469		



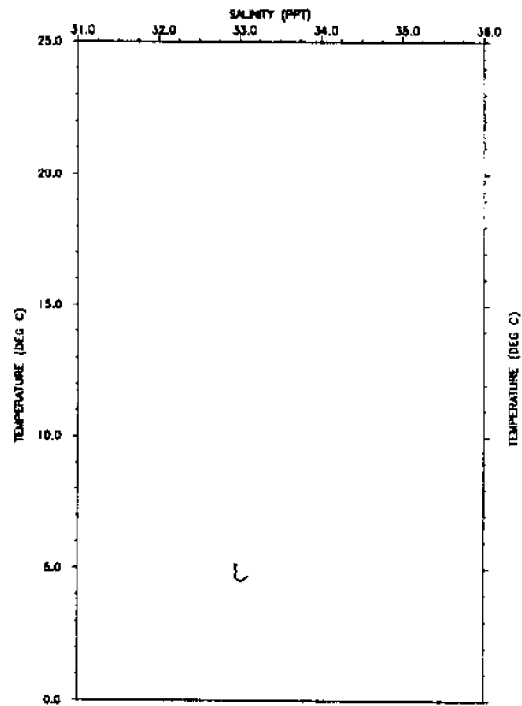
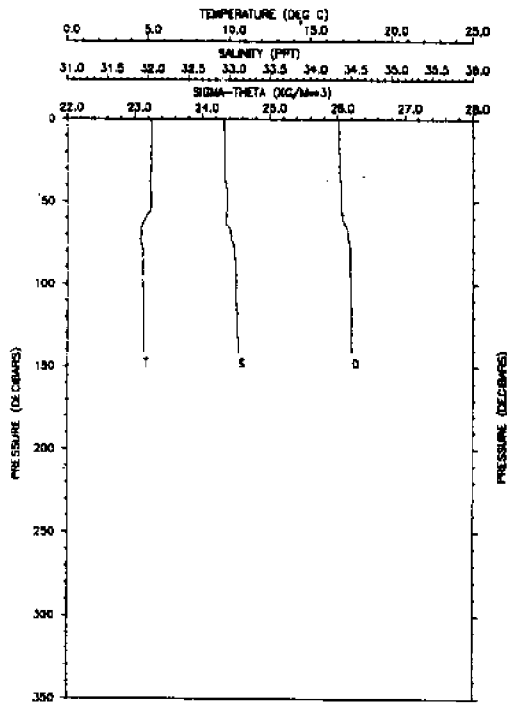
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /mt ²	m/sec	cph	
0.0	5.27	32.78	5.27	25.88	210.9	0.000	1469	1.33	Cruise EN159
10.0	5.25	32.78	5.25	25.89	210.5	0.021	1469	-0.42	Station 121
20.0	5.25	32.78	5.25	25.89	210.4	0.042	1469	-0.83	16 APR 1987
30.0	5.25	32.78	5.25	25.89	210.5	0.063	1469	0.61	1615 UTC
40.0	5.25	32.78	5.25	25.89	210.6	0.084	1470	-0.37	41 44.0 N
45.0	5.25	32.78	5.25	25.89	210.6	0.095	1470		68 10.0 W
									Depth 47 m



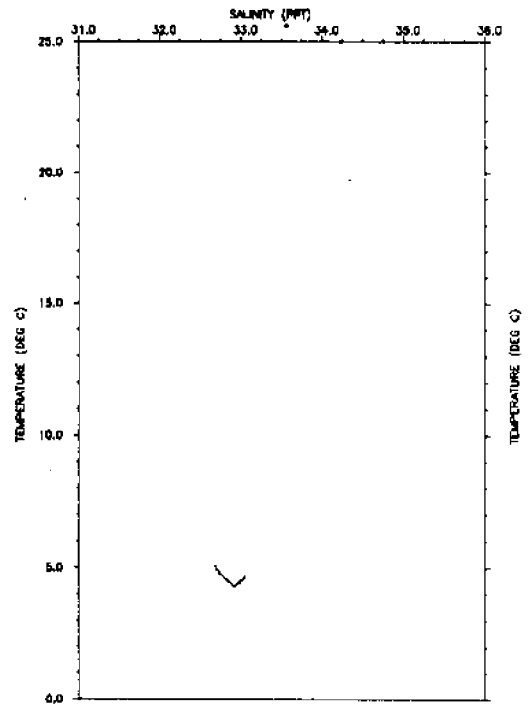
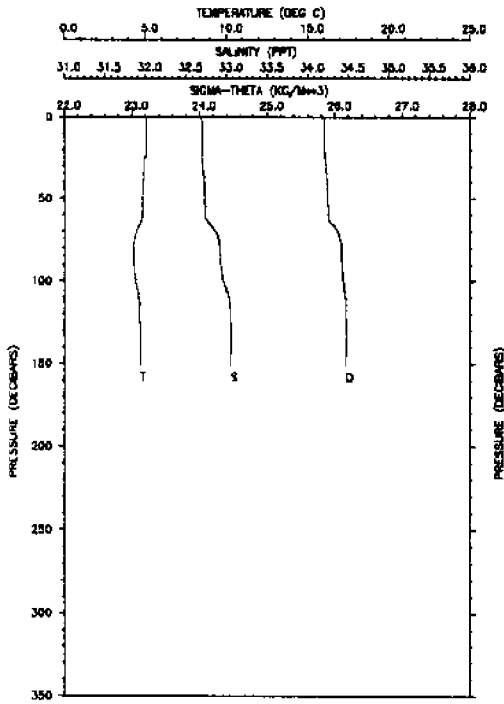
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	m³/kg	10m²/²	m/sec	cph	
0.0	5.15	32.56	5.15	25.72	226.2	0.000	1468	5.96	Cruise EN159
10.0	5.15	32.59	5.15	25.75	223.4	0.022	1468	1.73	Station 122
20.0	4.95	32.63	4.95	25.80	218.9	0.045	1468	8.98	16 APR 1987
30.0	4.75	32.73	4.75	25.91	208.8	0.068	1467	6.52	1822 UTC
40.0	4.69	32.82	4.69	25.98	201.6	0.086	1467	0.96	41 30.0 N
50.0	4.68	32.85	4.68	26.00	199.8	0.106	1467	2.93	68 26.0 W
60.0	4.68	32.86	4.67	26.01	198.9	0.126	1468	-1.03	Depth 71 m
65.0	4.68	32.86	4.67	26.02	198.7	0.136	1468		



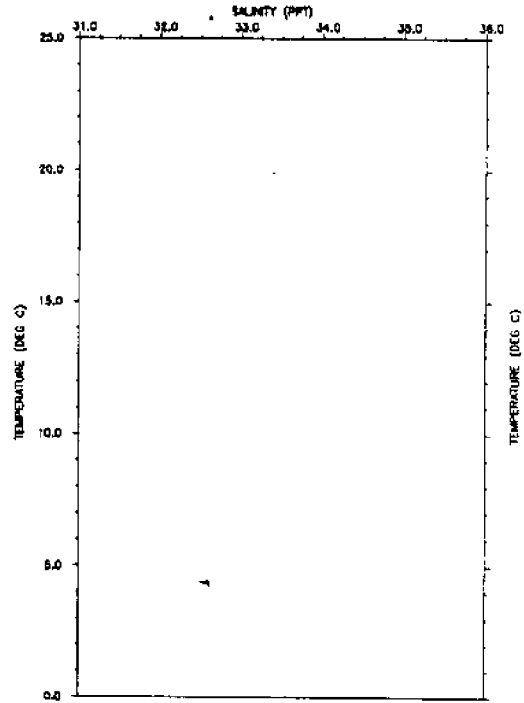
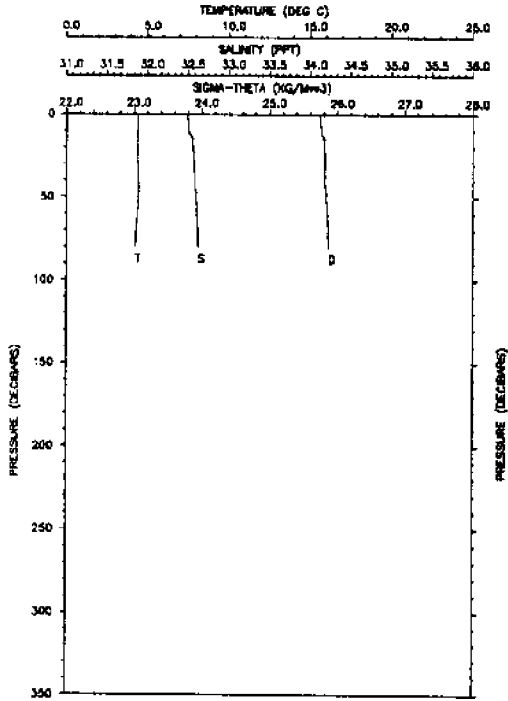
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	4.90	32.69	4.90	25.85	213.7	0.000	1467	2.10	Cruise EN159
10.0	4.90	32.69	4.89	25.86	213.2	0.021	1468	1.21	Station 123
20.0	4.88	32.69	4.87	25.86	213.0	0.043	1468	1.54	18 APR 1987
30.0	4.73	32.74	4.73	25.91	208.5	0.064	1467	2.76	1930 UTC
40.0	4.72	32.76	4.72	25.93	206.3	0.085	1467	1.35	41 30.0 N
50.0	4.74	32.82	4.74	25.97	202.7	0.105	1468	1.61	68 37.9 W
60.0	4.63	33.00	4.62	26.13	188.0	0.125	1468	8.93	Depth 112 m
70.0	4.60	33.10	4.59	26.21	180.1	0.143	1468	1.7	
90.0	4.60	33.10	4.59	26.22	180.0	0.179	1468	0.5	
100.0	4.60	33.10	4.59	26.22	180.0	0.197	1468	0.4	
105.0	4.60	33.10	4.59	26.22	180.1	0.211	1468		



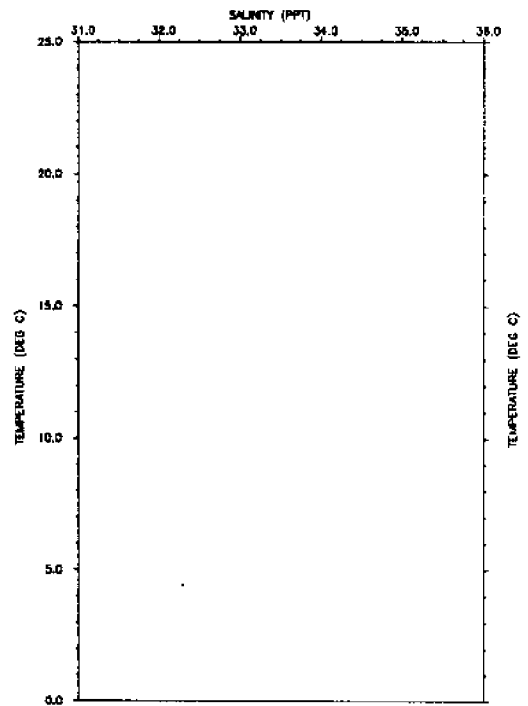
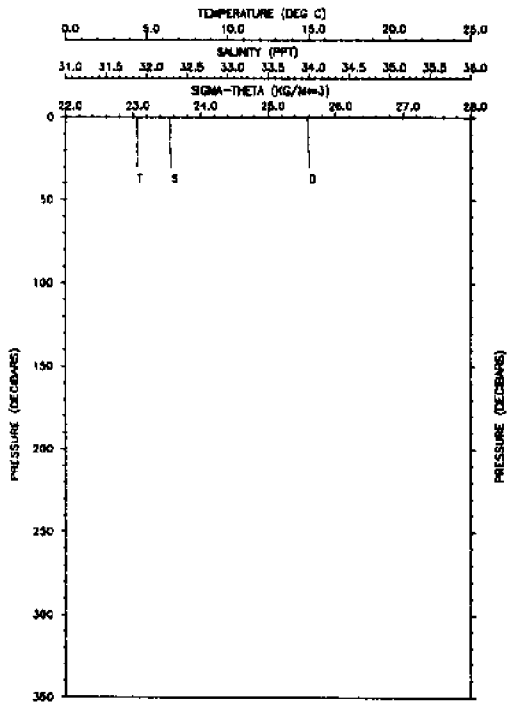
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	5.20	32.94	5.20	26.02	197.8	0.000	1469	0.66	Cruise EN159
10.0	5.19	32.95	5.19	26.03	197.4	0.020	1469	-0.98	Station 124
20.0	5.19	32.95	5.19	26.03	197.3	0.040	1469	2.34	16 APR 1987
30.0	5.19	32.95	5.18	26.03	197.2	0.059	1469	-1.05	2107 UTC
40.0	5.13	32.96	5.13	26.05	195.7	0.079	1469	1.86	41 30.0 N
50.0	5.15	32.97	5.15	26.05	195.5	0.098	1470	0.34	68 52.5 W
60.0	4.84	32.96	4.84	26.08	192.9	0.118	1468	-1.32	Depth 147 m
70.0	4.56	33.02	4.55	26.15	185.9	0.137	1468	1.8	
80.0	4.64	33.07	4.63	26.18	183.1	0.155	1468	1.7	
90.0	4.66	33.07	4.65	26.19	182.8	0.174	1468	1.4	
100.0	4.67	33.08	4.66	26.19	182.3	0.192	1469	1.0	
110.0	4.67	33.09	4.67	26.20	182.2	0.210	1469	1.1	
120.0	4.68	33.09	4.67	26.20	181.8	0.228	1469	1.7	
130.0	4.69	33.10	4.68	26.21	181.4	0.246	1469	0.6	
140.0	4.69	33.10	4.68	26.21	181.2	0.264	1469	0.9	
141.0	4.69	33.11	4.68	26.21	181.2	0.266	1469		



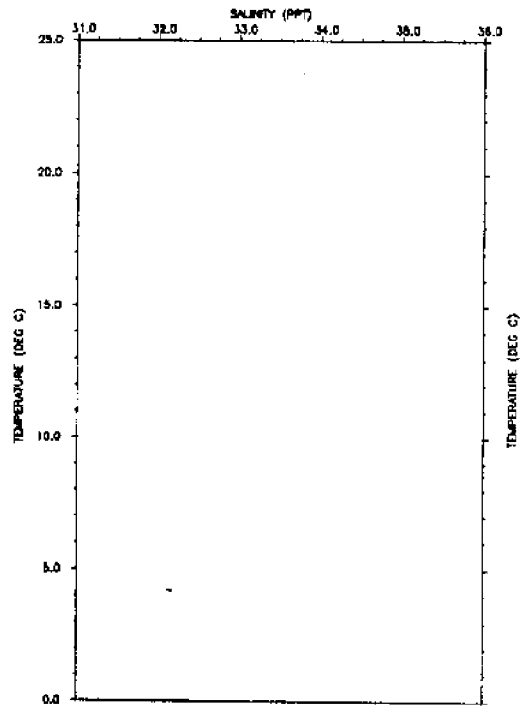
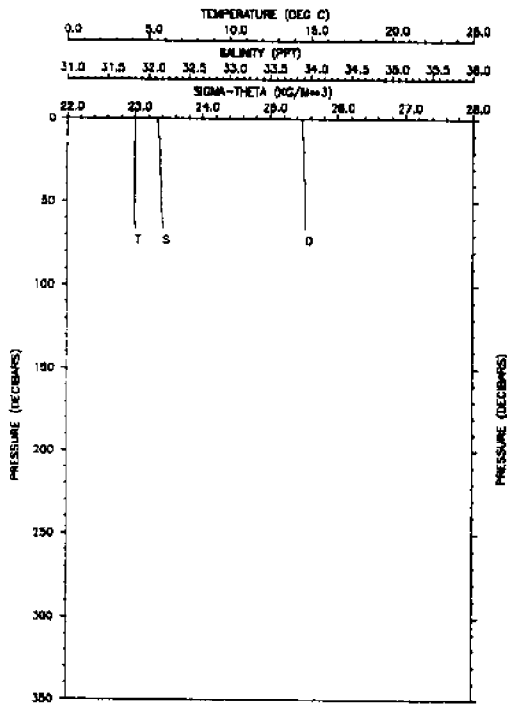
P	T	S	PT	STH	SPVA	DH	SNO V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	5.07	32.69	5.07	25.83	215.5	0.000	1468	3.78	Cruise EN159
10.0	5.06	32.70	5.06	25.85	214.4	0.021	1468	-1.28	Station 125
20.0	5.06	32.70	5.05	25.84	214.6	0.043	1468	3.14	16 APR 1987
30.0	4.92	32.71	4.92	25.87	212.5	0.064	1468	1.26	2300 UTC
40.0	4.85	32.73	4.85	25.89	210.3	0.085	1468	2.40	41 30.0 N
50.0	4.82	32.74	4.82	25.90	209.6	0.106	1468	1.53	69 7.4 W
60.0	4.81	32.74	4.81	25.90	209.3	0.127	1468	0.81	Depth 155 m
70.0	4.45	32.86	4.44	26.04	196.3	0.148	1467	6.6	
80.0	4.28	32.91	4.28	26.10	191.1	0.167	1466	1.9	
90.0	4.30	32.92	4.29	26.10	190.5	0.186	1467	4.2	
100.0	4.40	32.95	4.39	26.12	189.2	0.205	1467	6.7	
110.0	4.58	33.02	4.57	26.16	185.9	0.224	1468	4.2	
120.0	4.66	33.05	4.65	26.17	184.7	0.242	1469	-2.2	
130.0	4.67	33.06	4.67	26.17	184.5	0.261	1469	-0.9	
140.0	4.68	33.06	4.67	26.17	184.5	0.279	1469	-0.7	
150.0	4.68	33.05	4.67	26.17	185.4	0.298	1469	-0.5	
151.0	4.68	33.05	4.67	26.17	185.4	0.300	1469		



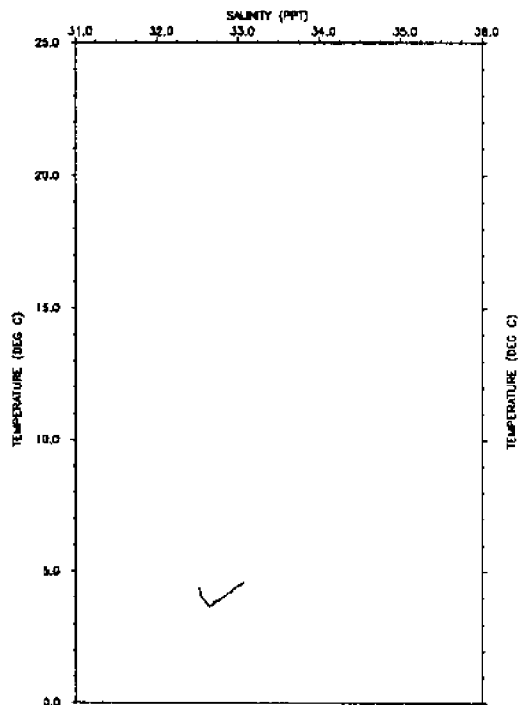
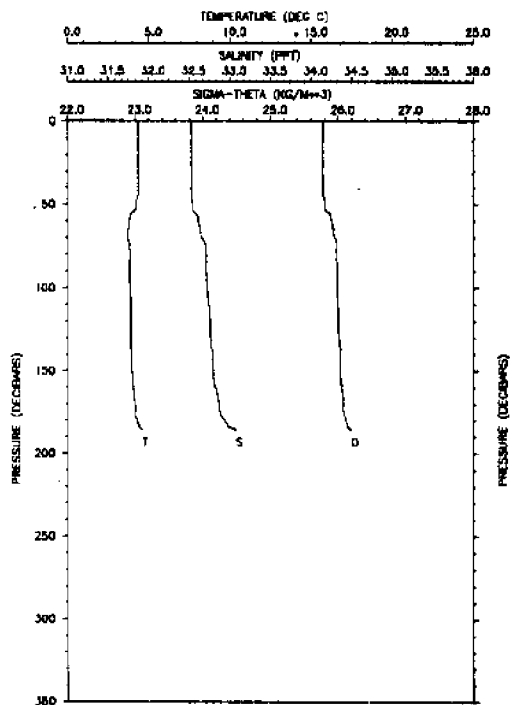
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.41	32.49	4.41	25.75	223.2	0.000	1465	1.43	Cruise EN159
10.0	4.40	32.50	4.40	25.76	222.4	0.022	1465	3.30	Station 126
20.0	4.37	32.56	4.37	25.81	218.2	0.044	1465	2.39	17 APR 1987
30.0	4.40	32.58	4.40	25.82	217.1	0.066	1466	-1.33	0030 UTC
40.0	4.44	32.58	4.44	25.82	217.1	0.088	1466	0.94	41 30.0 N
50.0	4.44	32.60	4.44	25.83	216.1	0.109	1466	0.36	69 20.0 W
60.0	4.38	32.61	4.37	25.85	214.7	0.131	1466	1.78	Depth 82 m
70.0	4.29	32.62	4.29	25.86	213.3	0.152	1466	1.9	
80.0	4.26	32.62	4.25	25.87	212.9	0.174	1466		



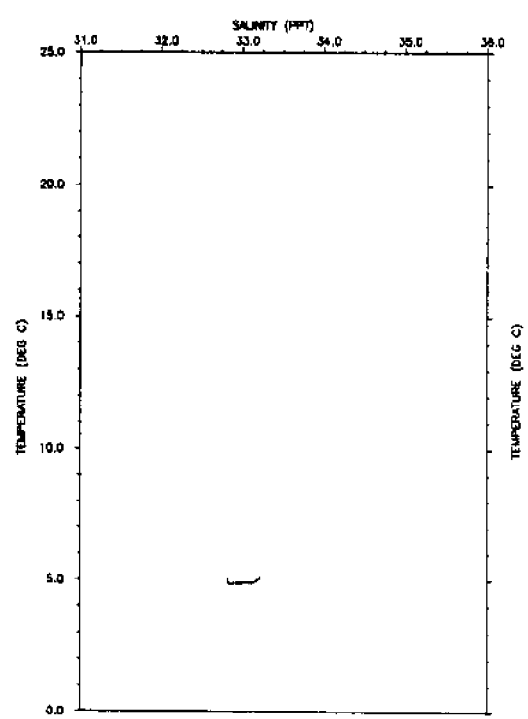
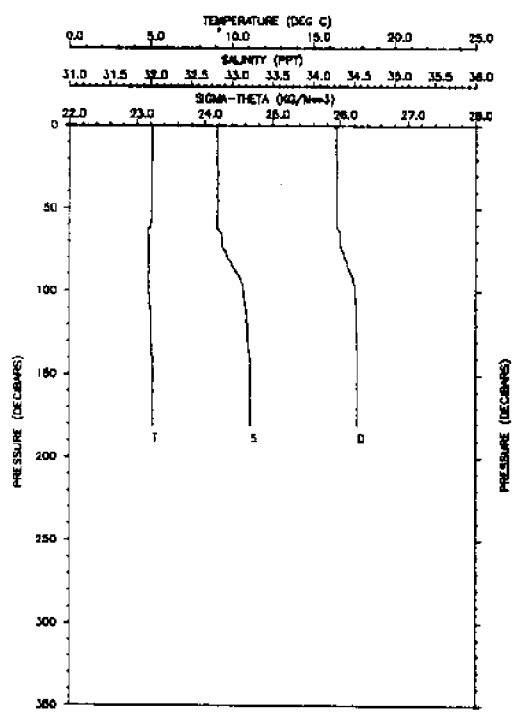
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.44	32.29	4.44	25.59	238.8	0.000	1465	0.73	Cruise EN159
10.0	4.43	32.30	4.43	25.59	238.4	0.024	1465	-0.80	Station 127
20.0	4.43	32.30	4.43	25.60	238.2	0.048	1465	1.73	17 APR 1987
30.0	4.42	32.30	4.42	25.60	237.9	0.071	1465		0230 UTC
									41 30.2 N
									69 33.0 W
									Depth 32 m



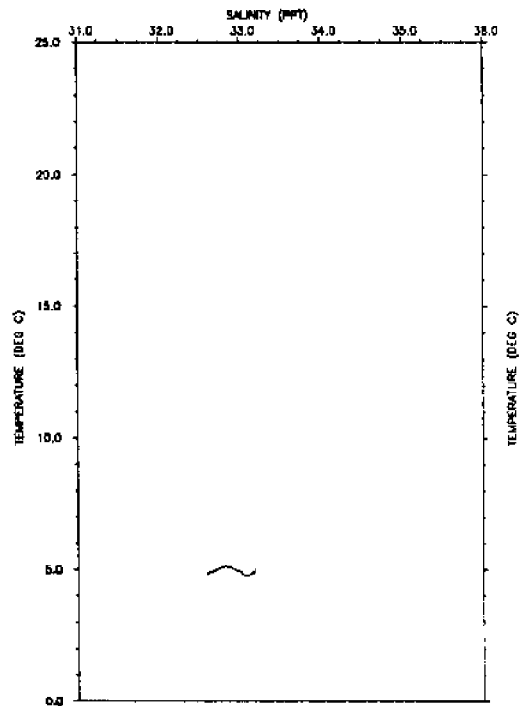
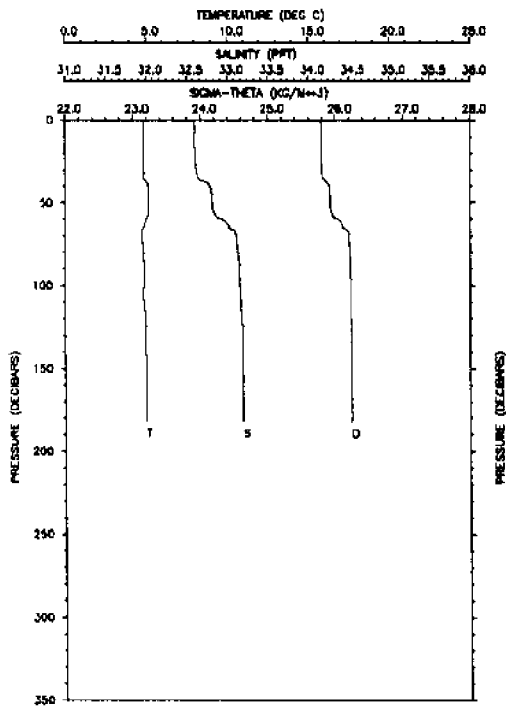
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m+3	m+3/kg	10m+2/s+2	m/sec	cph	
0.0	4.23	32.11	4.23	25.47	250.3	0.000	1464	-0.24	Cruise EN159
10.0	4.22	32.12	4.22	25.48	249.5	0.025	1464	1.77	Station 128
20.0	4.20	32.14	4.20	25.50	247.8	0.050	1464	2.67	17 APR 1987
30.0	4.20	32.15	4.19	25.50	247.3	0.075	1464	1.49	0507 UTC
40.0	4.18	32.16	4.18	25.51	246.4	0.099	1464	1.25	41 49.0 N
50.0	4.18	32.16	4.18	25.51	246.3	0.124	1465	0.97	69 50.4 W
60.0	4.21	32.18	4.20	25.52	245.7	0.149	1465	0.58	Depth 70 m
66.0	4.22	32.18	4.22	25.52	245.5	0.163	1465		



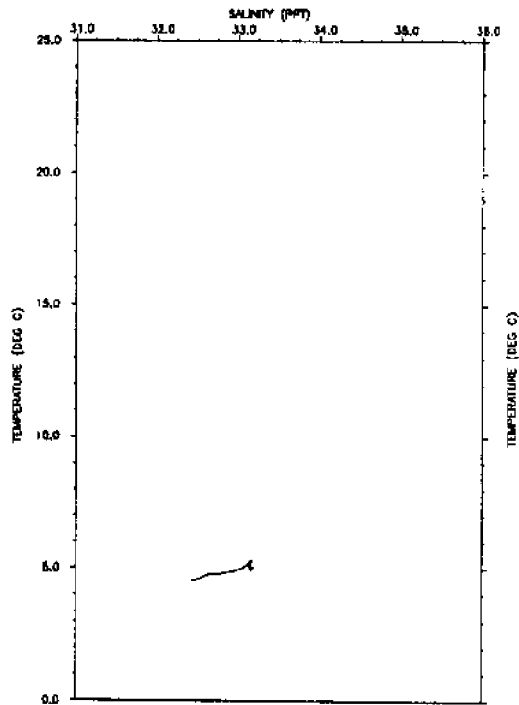
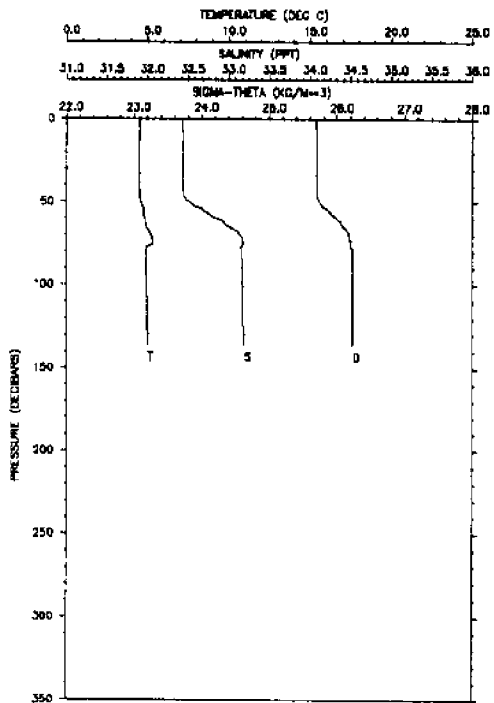
P	T	S	PT	STH	SPVA	DH	SNO V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.38	32.52	4.38	25.77	221.3	0.000	1465	3.07	Cruise EN159
10.0	4.37	32.53	4.37	25.78	220.6	0.022	1465	-0.30	Station 129
20.0	4.37	32.53	4.37	25.78	220.6	0.044	1465	-0.86	17 APR 1987
30.0	4.37	32.53	4.37	25.78	220.7	0.066	1465	1.33	0707 UTC
40.0	4.37	32.53	4.37	25.78	220.7	0.088	1466	-0.63	41 52.9 N
50.0	4.26	32.54	4.26	25.80	218.7	0.110	1465	2.17	69 37.5 W
60.0	3.83	32.61	3.82	25.90	209.3	0.132	1464	4.48	Depth 197 m
70.0	3.68	32.65	3.68	25.95	205.3	0.152	1463	7.5	
80.0	3.66	32.71	3.66	25.98	202.5	0.173	1464	0.7	
90.0	3.85	32.71	3.84	25.88	202.1	0.193	1464	-0.5	
100.0	3.86	32.72	3.86	25.99	201.8	0.213	1465	1.7	
110.0	3.89	32.74	3.88	26.00	200.7	0.233	1465	2.5	
120.0	3.90	32.75	3.89	26.01	199.6	0.253	1465	0.7	
130.0	3.89	32.76	3.88	26.01	199.3	0.273	1465	1.8	
140.0	3.94	32.79	3.93	26.03	197.6	0.293	1466	1.9	
150.0	3.96	32.79	3.95	26.04	197.2	0.313	1466	-2.3	
160.0	4.01	32.81	4.00	26.05	196.4	0.332	1466	4.7	
170.0	4.14	32.87	4.13	26.08	193.6	0.352	1467	-2.7	
180.0	4.30	32.93	4.29	26.11	190.6	0.371	1468	3.9	
186.0	4.60	33.07	4.58	26.19	183.0	0.383	1470		



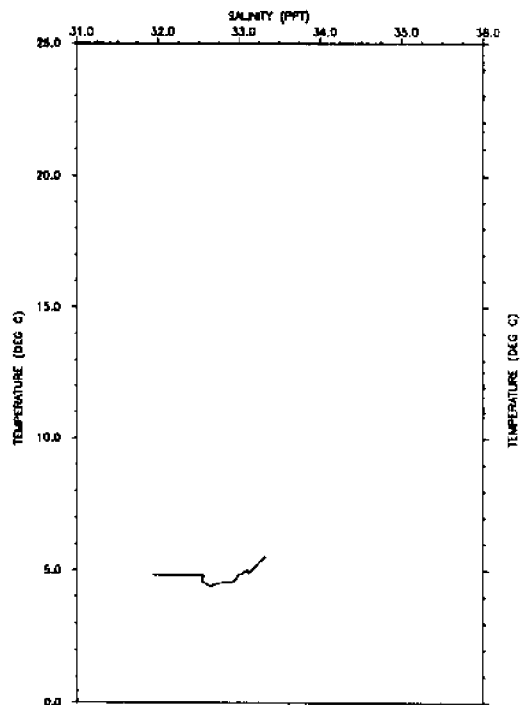
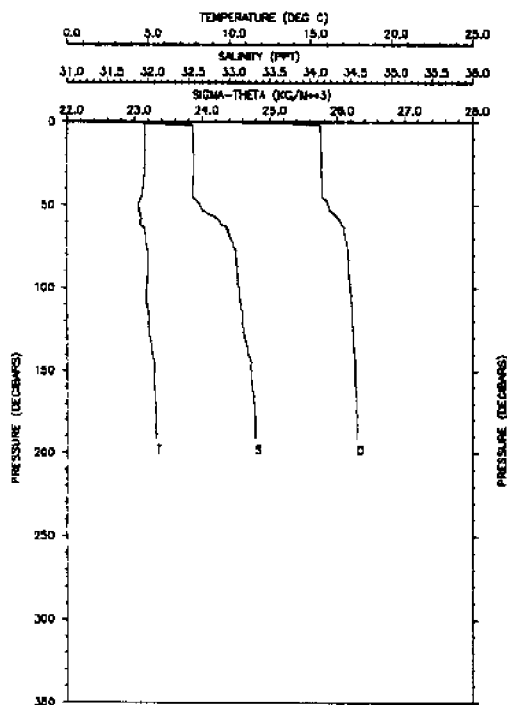
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	5.09	32.82	5.09	25.93	206.0	0.000	1468	2.69	Cruise EN159
10.0	5.08	32.82	5.08	25.94	205.5	0.021	1468	1.01	Station 130
20.0	5.08	32.82	5.08	25.94	205.8	0.041	1469	3.01	17 APR 1987
30.0	5.08	32.83	5.08	25.94	205.4	0.062	1469	-0.61	0900 UTC
40.0	5.08	32.83	5.07	25.94	205.5	0.082	1469	-1.21	41 56.9 N
50.0	5.07	32.83	5.07	25.94	205.4	0.103	1469	-1.93	69 24.1 W
60.0	5.00	32.82	5.00	25.95	205.0	0.123	1469	-2.86	Depth 199 m
70.0	4.88	32.88	4.87	26.01	199.8	0.143	1469	-0.9	
80.0	4.90	32.95	4.89	26.06	194.6	0.163	1469	5.3	
90.0	4.90	33.07	4.89	26.16	185.5	0.182	1469	6.1	
100.0	4.91	33.14	4.91	26.21	180.5	0.200	1470	2.5	
110.0	4.98	33.17	4.98	26.23	178.9	0.218	1470	0.7	
120.0	5.02	33.19	5.01	26.24	178.1	0.236	1470	-1.6	
130.0	5.01	33.20	5.00	26.24	177.8	0.254	1471	2.5	
140.0	5.10	33.22	5.09	26.25	177.1	0.272	1471	1.4	
150.0	5.12	33.22	5.11	26.26	177.0	0.290	1471	-0.4	
160.0	5.12	33.22	5.11	26.26	177.1	0.307	1472	-1.1	
170.0	5.12	33.22	5.11	26.26	177.2	0.325	1472	1.3	
180.0	5.13	33.23	5.11	26.26	177.3	0.343	1472	0.5	
181.0	5.13	33.23	5.12	26.26	177.3	0.344	1472		



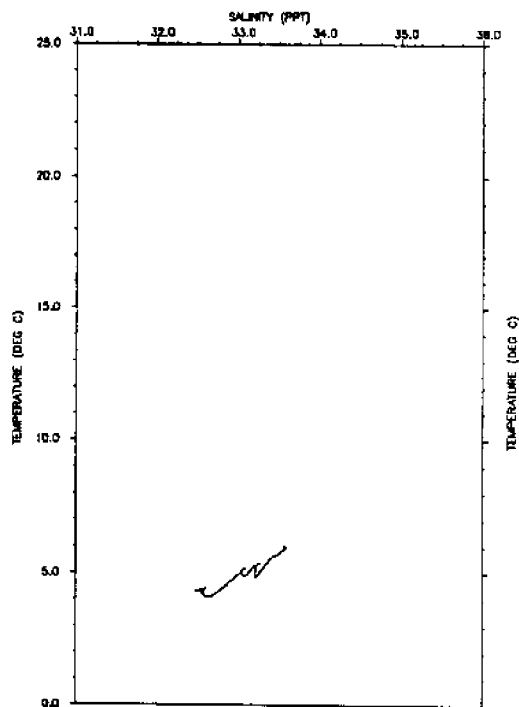
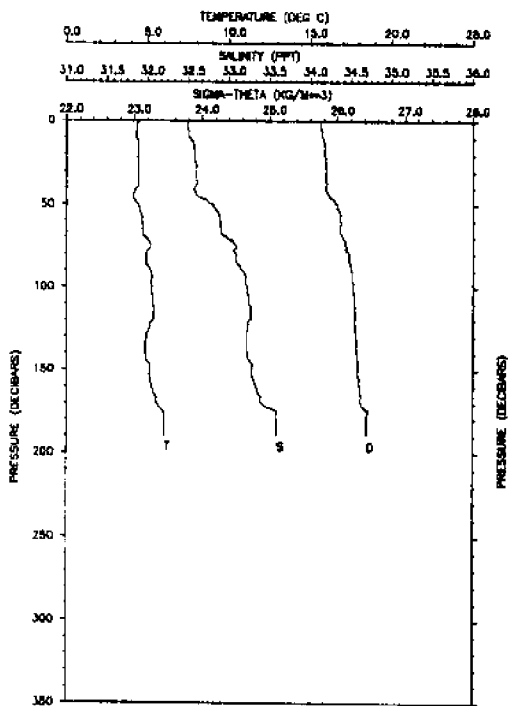
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m³	mt³/kg	10m²/m²	m/sec	cph	
0.0	4.86	32.59	4.86	25.78	220.4	0.000	1467	3.96	Cruise EN159
10.0	4.84	32.60	4.84	25.79	219.6	0.022	1467	-1.43	Station 131
20.0	4.85	32.61	4.85	25.80	219.3	0.044	1467	0.53	17 APR 1987
30.0	4.87	32.62	4.87	25.80	218.8	0.066	1468	0.62	1100 UTC
40.0	5.10	32.79	5.10	25.91	208.4	0.087	1469	4.91	42 1.9 N
50.0	5.13	32.82	5.13	25.93	206.8	0.108	1469	1.43	69 10.1 W
60.0	5.01	32.94	5.00	26.04	196.5	0.129	1469	9.40	Depth 192 m
70.0	4.80	33.12	4.79	26.20	181.0	0.147	1469	2.4	
80.0	4.83	33.13	4.82	26.21	180.1	0.165	1469	2.7	
90.0	4.90	33.15	4.89	26.22	179.3	0.183	1469	0.6	
100.0	4.88	33.16	4.87	26.23	178.8	0.201	1470	0.6	
110.0	4.89	33.17	4.89	26.24	178.2	0.219	1470	0.6	
120.0	4.93	33.18	4.92	26.24	178.1	0.237	1470	1.5	
130.0	4.98	33.19	4.97	26.24	177.6	0.255	1470	-0.8	
140.0	4.99	33.19	4.98	26.24	177.9	0.272	1471	-0.6	
150.0	4.99	33.19	4.98	26.25	178.0	0.290	1471	-0.8	
160.0	4.99	33.19	4.98	26.25	178.0	0.308	1471	0.7	
170.0	5.00	33.20	4.99	26.25	178.1	0.326	1471	0.6	
180.0	5.01	33.20	5.00	26.25	178.1	0.344	1471	-1.0	
182.0	5.01	33.20	4.99	26.25	178.2	0.347	1471		



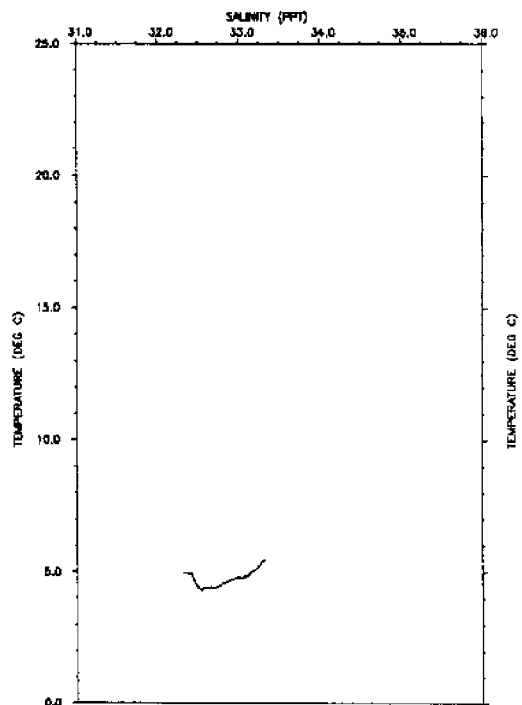
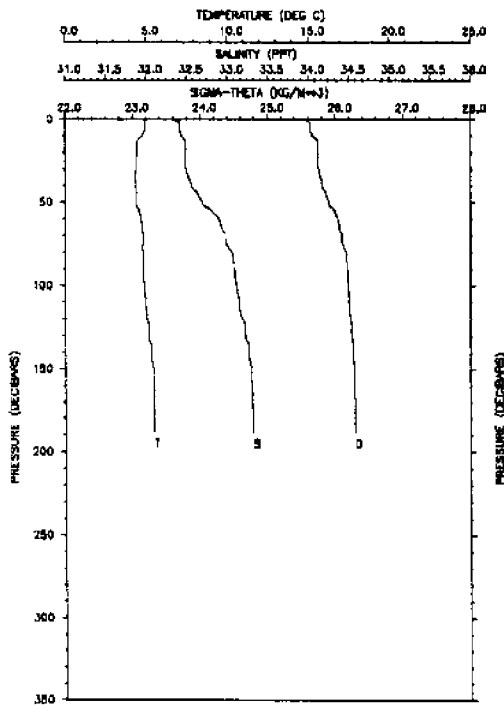
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.53	32.43	4.53	25.69	229.1	0.000	1466	1.25	Cruise EN159
10.0	4.52	32.44	4.52	25.70	228.4	0.023	1466	-1.20	Station 132
20.0	4.51	32.44	4.51	25.70	228.4	0.046	1466	-0.65	17 APR 1987
30.0	4.51	32.44	4.51	25.70	228.4	0.069	1466	0.49	1300 UTC
40.0	4.51	32.44	4.51	25.70	228.4	0.091	1466	-1.39	42 6.0 N
50.0	4.60	32.52	4.59	25.75	223.7	0.114	1467	6.81	68 54.1 W
60.0	4.85	32.87	4.84	26.00	200.2	0.135	1468	10.97	Depth 140 m
70.0	5.20	33.14	5.20	26.10	183.7	0.154	1470	6.9	
80.0	4.92	33.16	4.91	26.23	178.9	0.173	1469	-0.5	
90.0	4.96	33.17	4.95	26.23	178.8	0.190	1470	0.8	
100.0	4.97	33.17	4.96	26.23	178.7	0.208	1470	2.0	
110.0	5.00	33.18	4.99	26.23	178.6	0.226	1470	-1.7	
120.0	5.01	33.18	5.00	26.23	178.7	0.244	1470	-0.6	
130.0	5.04	33.19	5.03	26.24	178.4	0.262	1471	-2.1	
136.0	5.04	33.19	5.03	26.24	178.5	0.273	1471		



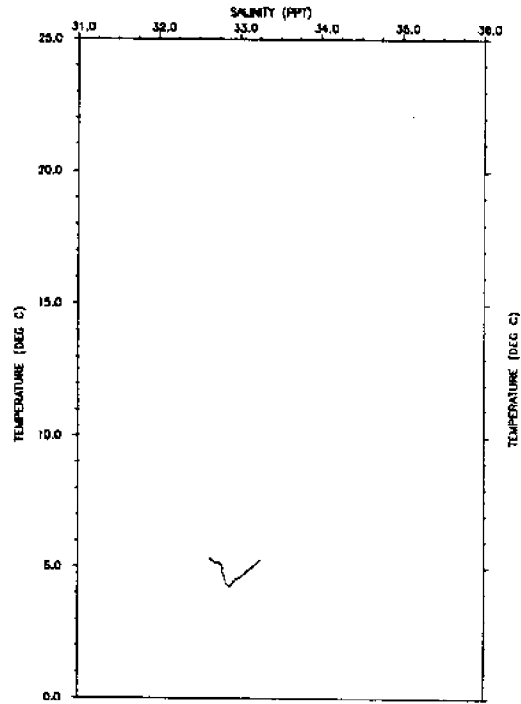
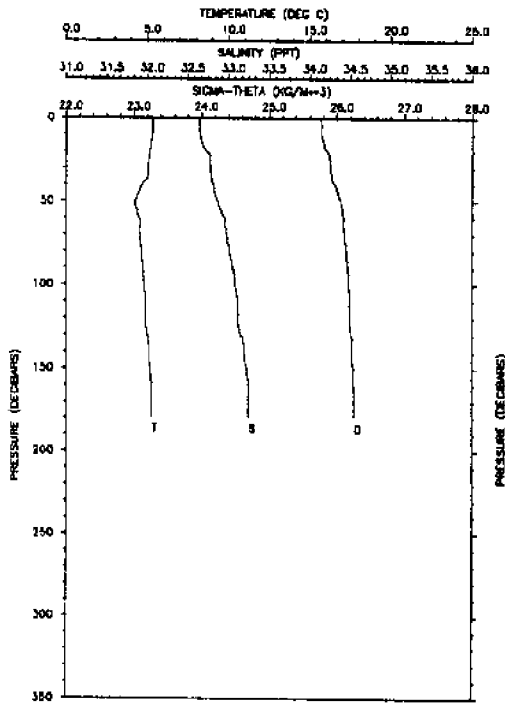
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	4.83	30.75	4.83	24.33	358.8	0.000	1465	54.05	Cruise EN159
10.0	4.82	32.56	4.82	25.76	222.6	0.023	1467	-1.21	Station 133
20.0	4.82	32.56	4.82	25.76	222.3	0.046	1467	-1.30	17 APR 1987
30.0	4.78	32.56	4.78	25.77	222.0	0.068	1467	2.22	1422 UTC
40.0	4.67	32.55	4.66	25.77	221.7	0.090	1467	2.22	42 10.5 N
50.0	4.42	32.63	4.41	25.86	213.1	0.112	1466	5.43	68 42.1 W
60.0	4.51	32.88	4.50	26.05	195.4	0.133	1467	3.43	Depth 197 m
70.0	4.84	33.01	4.84	26.12	189.3	0.152	1469	5.2	
80.0	5.01	33.08	5.00	26.10	185.7	0.170	1470	0.8	
90.0	5.02	33.10	5.01	26.17	184.9	0.189	1470	3.5	
100.0	4.93	33.12	4.92	26.19	182.4	0.207	1470	2.3	
110.0	4.96	33.15	4.96	26.21	180.4	0.225	1470	-4.1	
120.0	5.07	33.16	5.06	26.21	180.7	0.243	1471	3.0	
130.0	5.13	33.19	5.12	26.23	179.3	0.261	1471	2.7	
140.0	5.26	33.24	5.25	26.25	177.6	0.279	1472	2.8	
150.0	5.40	33.27	5.39	26.26	176.7	0.297	1473	1.2	
160.0	5.40	33.28	5.39	26.27	175.8	0.315	1473	0.9	
170.0	5.47	33.31	5.45	26.28	174.9	0.332	1473	1.6	
180.0	5.50	33.32	5.49	26.29	174.7	0.350	1474	0.3	
190.0	5.51	33.32	5.50	26.29	174.7	0.367	1474	0.7	
191.0	5.51	33.32	5.50	26.29	174.7	0.369	1474		



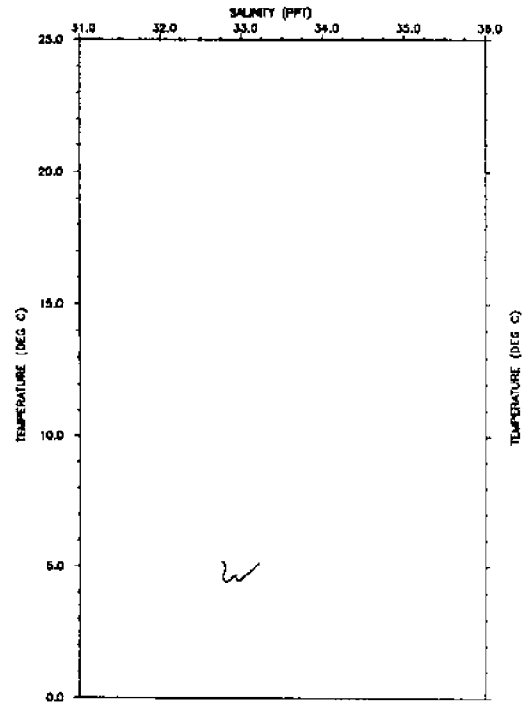
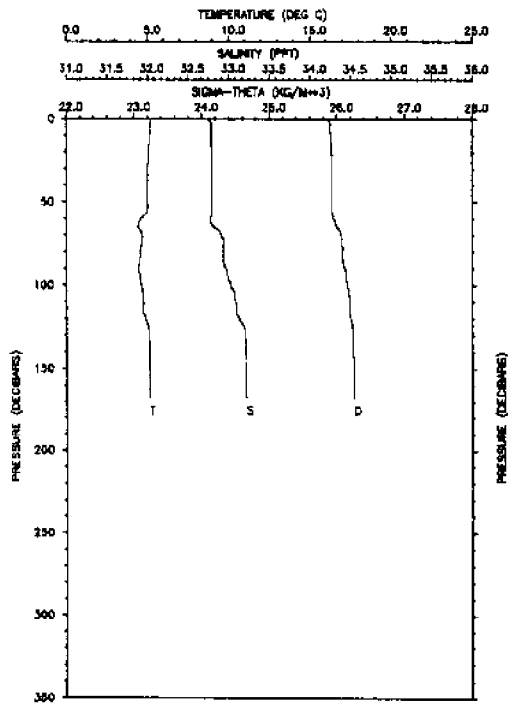
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /mt ²	m/sec	cph	
0.0	4.36	32.49	4.36	25.75	223.1	0.000	1465	1.13	Cruise EN159
10.0	4.32	32.51	4.32	25.78	220.9	0.022	1465	6.67	Station 134
20.0	4.36	32.57	4.36	25.82	216.9	0.044	1465	-2.37	17 APR 1987
30.0	4.41	32.60	4.41	25.83	215.8	0.066	1466	-1.07	1607 UTC
40.0	4.34	32.58	4.34	25.83	216.2	0.087	1466	-4.26	42 15.5 N
50.0	4.39	32.81	4.39	26.00	199.9	0.108	1466	-4.16	68 26.1 W
60.0	4.64	32.89	4.64	26.04	196.5	0.128	1468	3.99	Depth 193 m
70.0	4.84	32.97	4.83	26.08	192.6	0.148	1469	6.2	
80.0	4.91	33.00	4.90	26.16	185.0	0.166	1469	2.8	
90.0	5.12	33.16	5.12	26.20	181.3	0.185	1470	5.9	
100.0	5.24	33.22	5.24	26.24	178.4	0.203	1471	3.2	
110.0	5.32	33.24	5.31	26.25	177.3	0.221	1472	2.3	
120.0	5.33	33.25	5.32	26.25	177.4	0.238	1472	-2.5	
130.0	4.94	33.22	4.93	26.27	175.1	0.256	1470	-1.7	
140.0	4.85	33.23	4.84	26.29	173.9	0.273	1470	0.7	
150.0	5.09	33.28	5.08	26.30	172.8	0.291	1471	0.6	
160.0	5.24	33.33	5.23	26.32	170.6	0.308	1472	3.2	
170.0	5.54	33.40	5.53	26.35	168.7	0.325	1474	4.5	
180.0	6.02	33.58	6.01	26.43	161.2	0.341	1476	-2.8	
189.0	6.04	33.59	6.03	26.43	161.2	0.356	1476		



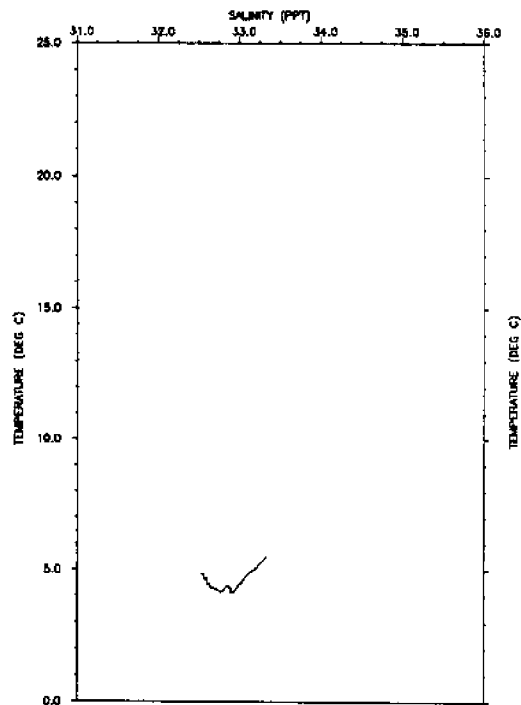
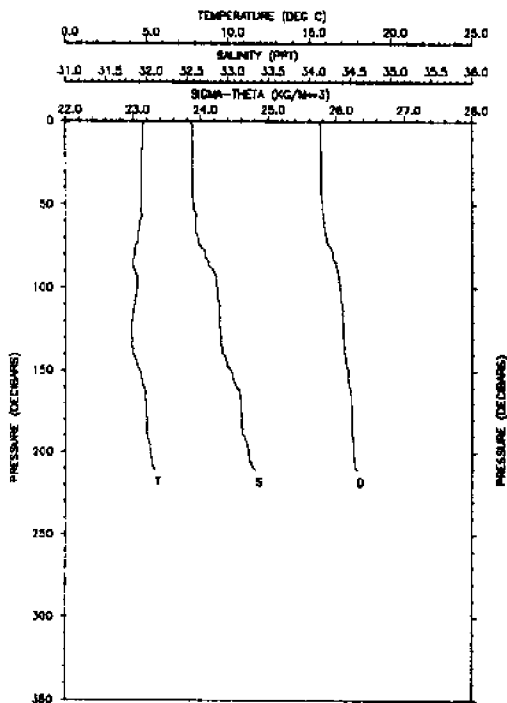
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /mt ²	m/sec	cph	
0.0	4.98	32.31	4.98	25.55	242.6	0.000	1467	10.70	Cruise EN159
10.0	4.78	32.43	4.78	25.66	231.8	0.023	1467	10.47	Station 135
20.0	4.46	32.49	4.45	25.75	223.8	0.048	1466	-1.85	17 APR 1987
30.0	4.40	32.50	4.40	25.76	223.1	0.068	1466	3.82	1822 UTC
40.0	4.38	32.56	4.37	25.81	218.1	0.090	1466	3.83	42 13.6 N
50.0	4.41	32.69	4.41	25.91	208.9	0.112	1466	4.42	68 51.4 W
60.0	4.71	32.89	4.71	26.04	196.6	0.132	1468	4.06	Depth 197 m
70.0	4.82	32.98	4.81	26.10	191.3	0.151	1469	1.4	
80.0	4.84	33.06	4.83	26.16	185.4	0.170	1469	3.0	
90.0	4.83	33.09	4.83	26.18	183.7	0.189	1469	3.9	
100.0	4.89	33.11	4.88	26.19	182.3	0.207	1469	-1.3	
110.0	4.97	33.14	4.97	26.21	181.1	0.225	1470	1.8	
120.0	5.08	33.20	5.07	26.24	178.4	0.243	1471	3.2	
130.0	5.19	33.23	5.18	26.25	177.2	0.261	1471	1.3	
140.0	5.33	33.27	5.32	26.27	176.1	0.279	1472	0.0	
150.0	5.43	33.30	5.42	26.28	175.0	0.296	1473	0.1	
160.0	5.45	33.31	5.44	26.28	174.8	0.314	1473	1.5	
170.0	5.49	33.31	5.48	26.28	174.6	0.331	1473	-0.4	
180.0	5.50	33.32	5.49	26.29	174.6	0.349	1474	-0.6	
188.0	5.50	33.32	5.49	26.29	174.7	0.363	1474		



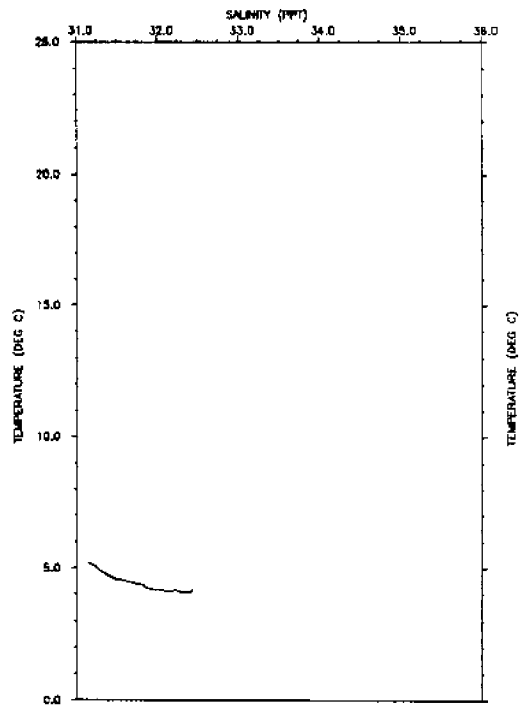
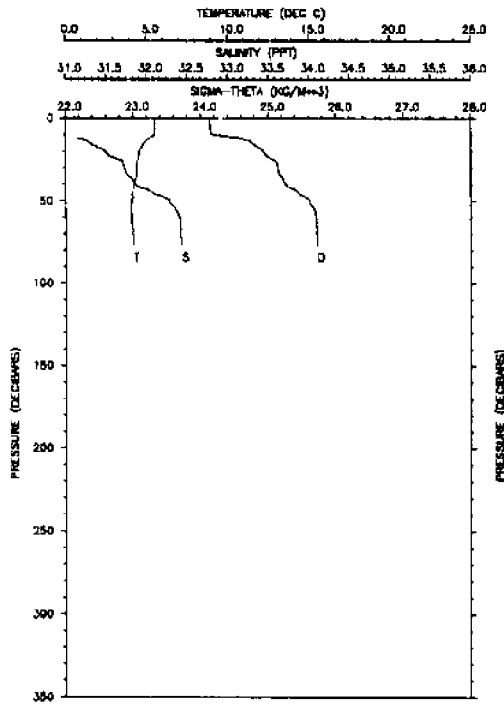
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	5.35	32.64	5.35	25.76	222.2	0.000	1469	3.12	Cruise EN159
10.0	5.30	32.65	5.30	25.78	220.7	0.022	1469	3.04	Station 136
20.0	5.19	32.72	5.19	25.85	214.1	0.044	1469	7.94	17 APR 1987
30.0	5.07	32.78	5.07	25.91	208.9	0.065	1469	2.31	2007 UTC
40.0	4.68	32.81	4.68	25.97	202.5	0.088	1467	5.41	42 12.0 N
50.0	4.27	32.87	4.27	26.06	194.2	0.106	1466	3.66	69 10.5 W
60.0	4.50	32.95	4.50	26.11	190.0	0.125	1467	2.71	Depth 192 m
70.0	4.59	32.98	4.58	26.12	188.7	0.144	1468	0.6	
80.0	4.65	33.02	4.64	26.14	186.8	0.163	1468	-1.3	
90.0	4.73	33.05	4.73	26.16	185.1	0.181	1469	-1.3	
100.0	4.84	33.09	4.83	26.18	183.9	0.200	1469	1.6	
110.0	4.91	33.11	4.90	26.19	182.5	0.218	1470	-0.8	
120.0	4.92	33.12	4.91	26.19	182.5	0.236	1470	1.0	
130.0	4.99	33.15	4.98	26.21	181.0	0.254	1470	6.3	
140.0	5.12	33.20	5.11	26.23	179.0	0.272	1471	0.6	
150.0	5.21	33.23	5.19	26.25	177.8	0.290	1472	3.2	
160.0	5.29	33.25	5.28	26.26	177.0	0.308	1472	0.1	
170.0	5.29	33.25	5.28	26.26	177.1	0.326	1472	0.5	
179.0	5.29	33.25	5.28	26.26	177.2	0.342	1473		



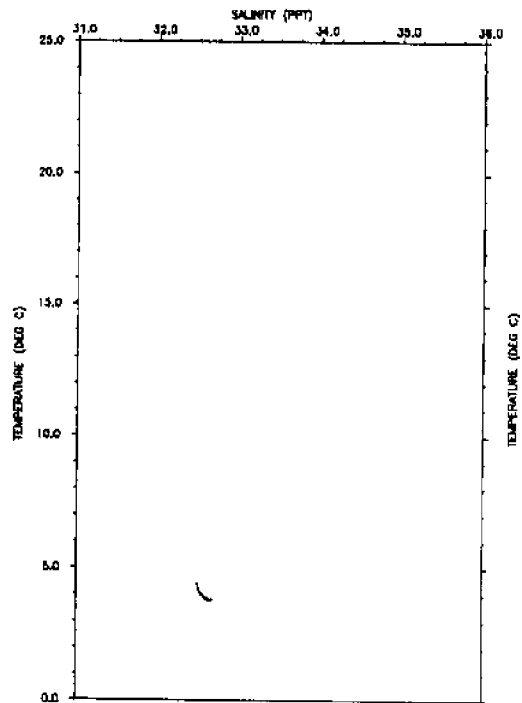
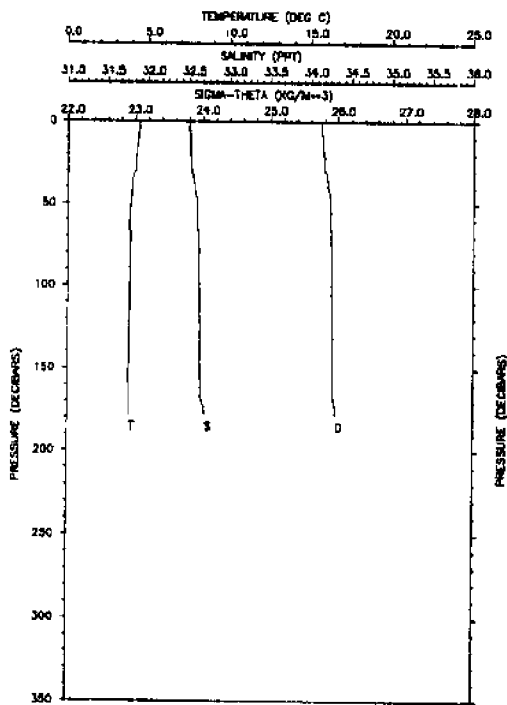
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	5.20	32.77	5.20	25.88	210.9	0.000	1469	3.05	Cruise EN159
10.0	5.15	32.79	5.15	25.90	208.9	0.021	1469	1.74	Station 137
20.0	5.06	32.80	5.06	25.92	207.2	0.042	1468	0.66	17 APR 1987
30.0	5.01	32.80	5.00	25.93	206.8	0.062	1468	-0.72	2145 UTC
40.0	5.01	32.80	5.00	25.93	206.8	0.083	1469	-1.05	42 10.5 N
50.0	5.00	32.80	4.99	25.93	206.7	0.104	1469	-2.62	69 25.5 W
60.0	4.57	32.77	4.57	25.96	204.2	0.124	1467	6.04	Depth 182 m
70.0	4.67	32.91	4.66	26.06	194.7	0.144	1468	3.1	
80.0	4.57	32.94	4.56	26.09	192.0	0.164	1468	1.2	
90.0	4.45	32.97	4.45	26.13	188.5	0.183	1467	3.8	
100.0	4.63	33.03	4.62	26.15	188.0	0.202	1468	1.0	
110.0	4.76	33.08	4.75	26.18	183.3	0.220	1469	3.4	
120.0	4.87	33.13	4.87	26.21	181.2	0.238	1470	4.2	
130.0	5.09	33.20	5.08	26.24	178.0	0.256	1471	-0.9	
140.0	5.11	33.21	5.10	26.24	177.9	0.274	1471	1.4	
150.0	5.12	33.21	5.11	26.25	177.8	0.292	1471	0.4	
160.0	5.13	33.22	5.12	26.25	177.8	0.309	1472	-0.5	
168.0	5.13	33.22	5.12	26.25	177.8	0.324	1472		



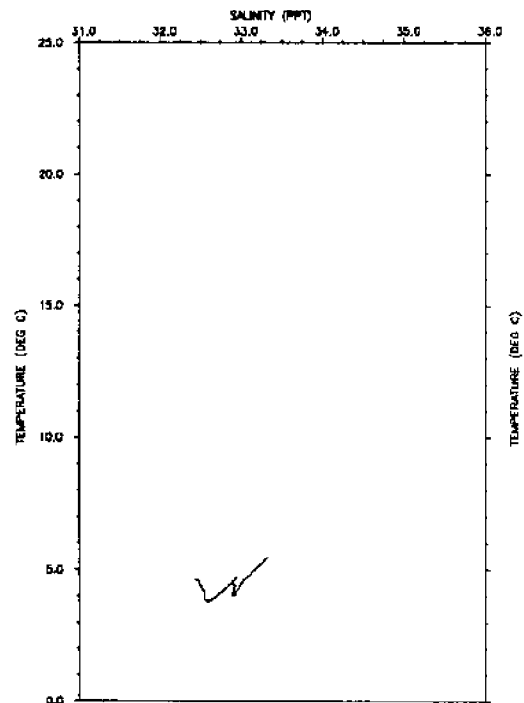
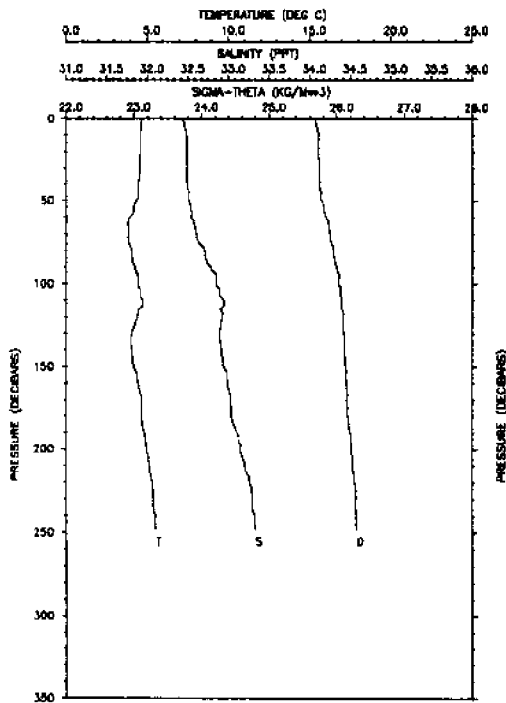
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	n/sec	cph	
0.0	4.84	32.53	4.84	25.74	224.6	0.000	1467	5.85	Cruise EN159
10.0	4.79	32.56	4.79	25.77	221.9	0.022	1467	-0.40	Station 138
20.0	4.67	32.56	4.67	25.78	220.9	0.044	1467	0.96	17 APR 1987
30.0	4.67	32.56	4.67	25.78	220.8	0.066	1467	-1.01	2315 UTC
40.0	4.68	32.57	4.68	25.78	220.8	0.089	1467	-0.46	42 9.5 N
50.0	4.69	32.58	4.68	25.79	220.0	0.111	1467	3.02	69 43.0 W
60.0	4.60	32.60	4.59	25.82	217.4	0.132	1467	3.54	Depth 223 m
70.0	4.48	32.63	4.47	25.85	214.1	0.154	1467	3.4	
80.0	4.29	32.72	4.28	25.95	205.5	0.175	1466	3.7	
90.0	4.30	32.82	4.30	26.02	198.4	0.195	1467	3.5	
100.0	4.40	32.87	4.40	26.05	195.7	0.215	1467	3.9	
110.0	4.28	32.90	4.27	26.09	192.5	0.234	1467	3.4	
120.0	4.11	32.90	4.10	26.10	190.7	0.254	1466	3.4	
130.0	4.12	32.91	4.12	26.11	189.9	0.273	1467	2.9	
140.0	4.16	32.94	4.15	26.13	188.2	0.291	1467	3.2	
150.0	4.59	33.04	4.57	26.17	184.8	0.310	1469	3.0	
160.0	4.84	33.11	4.83	26.20	182.0	0.329	1470	5.5	
170.0	4.97	33.16	4.96	26.22	180.2	0.347	1471	1.7	
180.0	4.99	33.17	4.98	26.23	179.9	0.365	1471	-0.2	
190.0	5.04	33.20	5.02	26.25	178.4	0.383	1472	2.0	
200.0	5.26	33.25	5.25	26.26	176.9	0.400	1473	2.7	
210.0	5.42	33.31	5.41	26.29	174.8	0.418	1474	6.4	
211.0	5.51	33.34	5.49	26.30	173.6	0.420	1474		



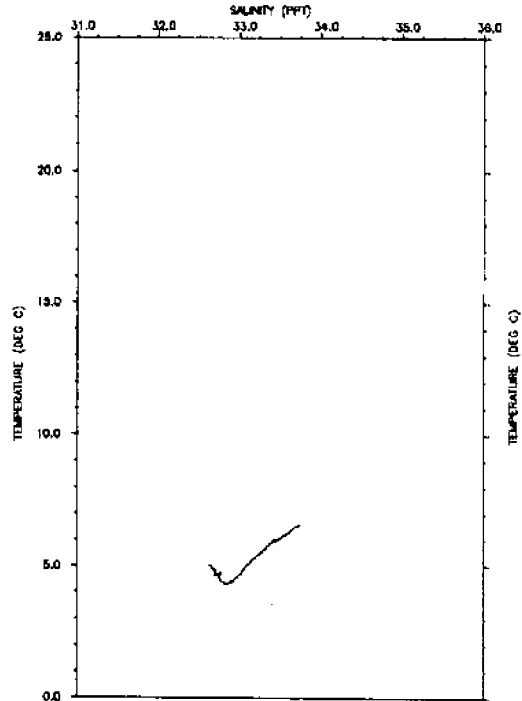
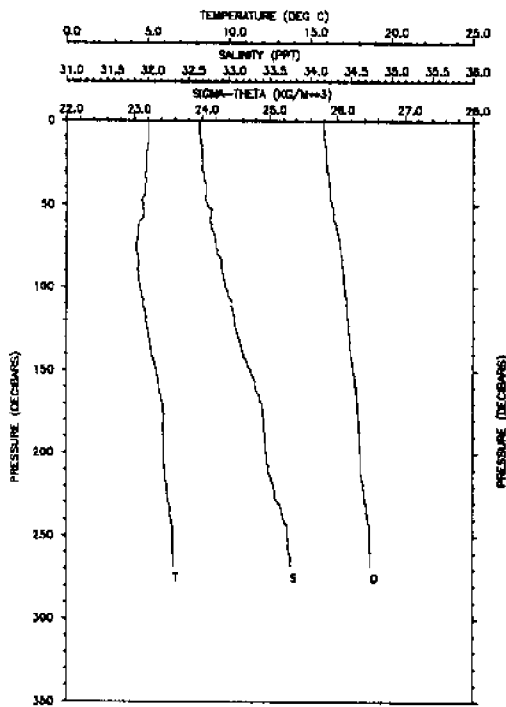
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	5.53	30.61	5.53	24.14	378.7	0.000	1467	0.85	Cruise EN159
10.0	5.51	30.65	5.51	24.17	373.5	0.038	1467	22.98	Station 139
20.0	4.58	31.49	4.58	24.94	300.7	0.070	1465	6.03	18 APR 1987
30.0	4.42	31.73	4.42	25.14	281.4	0.099	1465	2.62	0107 UTC
40.0	4.28	31.86	4.27	25.26	270.0	0.126	1464	7.68	42 8.0 N
50.0	4.10	32.29	4.09	25.62	236.2	0.152	1464	3.53	70 0.8 W
60.0	4.10	32.41	4.09	25.71	227.2	0.175	1465	3.31	Depth 83 m
70.0	4.15	32.42	4.14	25.72	226.5	0.197	1465	0.9	
77.0	4.20	32.44	4.19	25.73	226.0	0.213	1465		



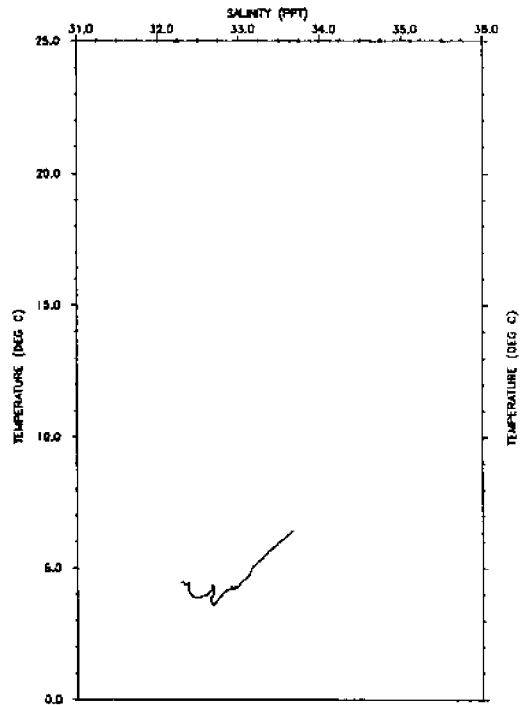
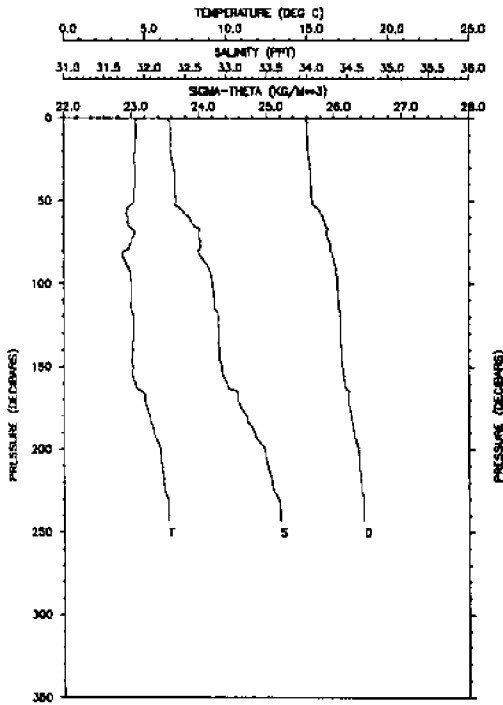
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10m ² /st ²	m/sec	cph	
0.0	4.40	32.50	4.40	25.76	222.4	0.000	1465	-3.29	Cruise EN159
10.0	4.37	32.51	4.37	25.77	221.9	0.022	1465	2.51	Station 140
20.0	4.24	32.51	4.24	25.79	220.2	0.044	1465	2.72	18 APR 1987
30.0	4.17	32.52	4.16	25.80	219.4	0.066	1465	7.05	0200 UTC
40.0	4.01	32.56	4.00	25.85	214.4	0.088	1464	2.44	42 13.5 N
50.0	3.88	32.59	3.88	25.88	211.0	0.109	1464	1.96	69 54.0 W
60.0	3.84	32.59	3.84	25.89	210.6	0.130	1464	3.78	Depth 187 m
70.0	3.80	32.61	3.87	25.90	209.6	0.151	1464	0.6	
80.0	3.87	32.62	3.86	25.91	209.2	0.172	1464	1.7	
90.0	3.87	32.62	3.86	25.91	208.8	0.193	1464	1.1	
100.0	3.86	32.62	3.86	25.91	208.8	0.214	1465	-0.3	
110.0	3.85	32.63	3.85	25.92	208.5	0.235	1465	0.6	
120.0	3.84	32.63	3.83	25.92	208.0	0.256	1465	-0.9	
130.0	3.84	32.64	3.83	25.92	207.9	0.276	1465	1.8	
140.0	3.82	32.64	3.81	25.93	207.6	0.297	1465	1.1	
150.0	3.81	32.64	3.80	25.93	207.3	0.318	1465	1.4	
160.0	3.80	32.64	3.79	25.93	207.2	0.339	1465	-1.4	
170.0	3.82	32.66	3.81	25.95	205.9	0.359	1466	3.0	
178.0	3.83	32.69	3.81	25.97	204.0	0.376	1466		



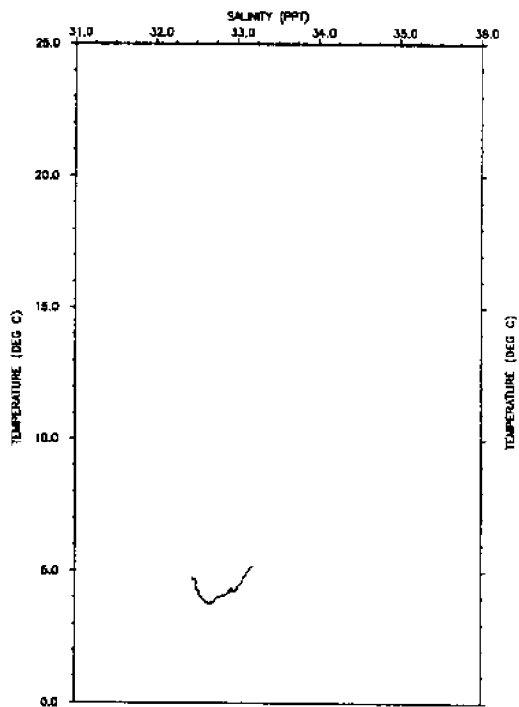
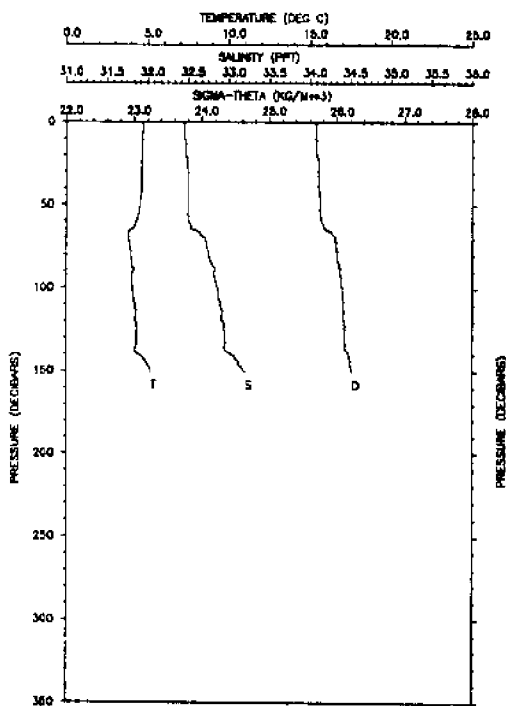
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	4.65	32.43	4.65	25.68	230.3	0.000	1466	5.27	Cruise EN159
10.0	4.60	32.48	4.60	25.72	228.0	0.023	1466	0.61	Station 141
20.0	4.57	32.48	4.57	25.73	225.9	0.045	1466	3.31	18 APR 1987
30.0	4.52	32.49	4.52	25.74	224.9	0.068	1466	-0.80	0330 UTC
40.0	4.44	32.49	4.44	25.75	223.9	0.090	1466	1.40	42 22.5 N
50.0	4.33	32.51	4.33	25.77	221.7	0.113	1466	5.84	69 41.6 W
60.0	3.91	32.54	3.90	25.84	215.1	0.134	1464	7.42	Depth 255 m
70.0	3.85	32.61	3.84	25.90	209.0	0.156	1464	2.2	
80.0	4.03	32.70	4.02	25.96	204.4	0.176	1465	2.4	
90.0	4.25	32.79	4.24	26.00	199.9	0.197	1466	-2.2	
100.0	4.43	32.84	4.43	26.03	197.9	0.217	1467	2.0	
110.0	4.70	32.94	4.69	26.07	193.7	0.238	1469	-1.7	
120.0	4.38	32.92	4.37	26.10	191.6	0.255	1467	0.5	
130.0	4.04	32.89	4.03	26.10	190.7	0.275	1466	3.7	
140.0	4.05	32.91	4.04	26.12	189.1	0.293	1466	-1.5	
150.0	4.15	32.94	4.14	26.13	188.4	0.312	1467	4.7	
160.0	4.41	32.98	4.40	26.14	187.8	0.331	1468	3.9	
170.0	4.63	33.03	4.62	26.15	186.9	0.350	1469	1.4	
180.0	4.64	33.03	4.63	26.16	186.4	0.368	1470	3.3	
190.0	4.81	33.10	4.80	26.19	183.2	0.387	1471	4.1	
200.0	4.97	33.15	4.95	26.21	181.7	0.405	1471	1.4	
210.0	5.10	33.19	5.08	26.24	179.6	0.423	1472	2.6	
220.0	5.30	33.26	5.28	26.27	176.7	0.441	1473	3.1	
230.0	5.38	33.29	5.37	26.28	176.1	0.459	1474	-0.9	
240.0	5.47	33.32	5.46	26.29	174.7	0.476	1474	-2.4	
248.0	5.50	33.33	5.48	26.29	174.8	0.490	1475		



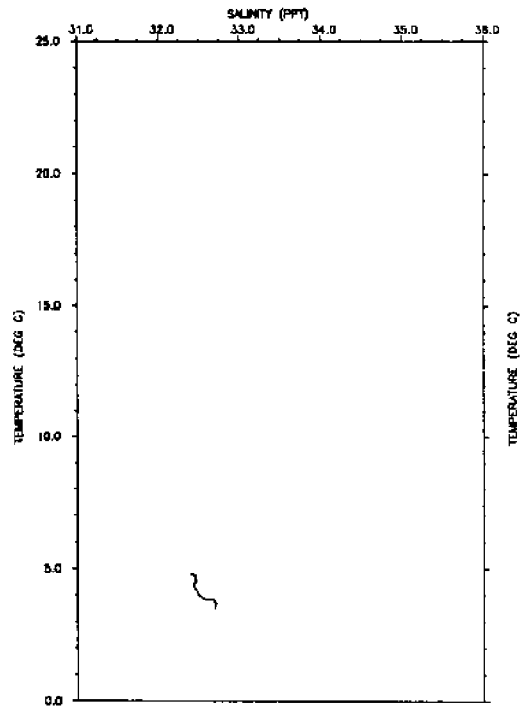
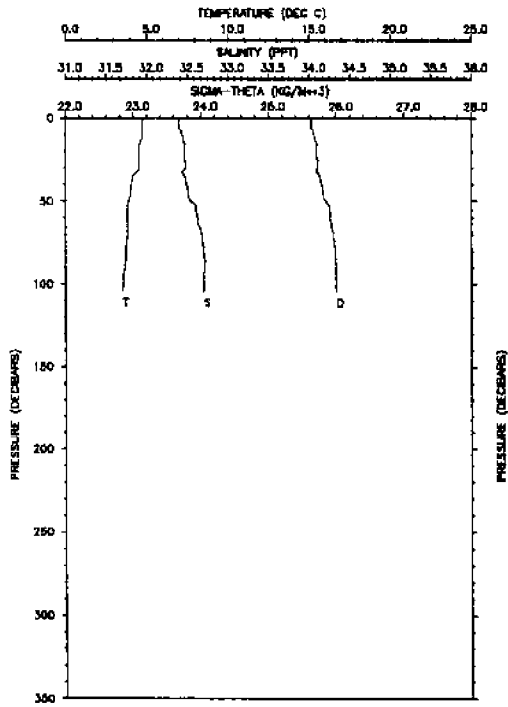
P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	m ³ /kg	10m ² /s ²	m/sec	cph	
0.0	5.05	32.64	5.05	25.80	219.1	0.000	1468	1.04	Cruise EN159
10.0	5.05	32.65	5.05	25.81	218.3	0.022	1468	3.09	Station 142
20.0	4.96	32.67	4.96	25.83	215.6	0.044	1468	0.37	18 APR 1987
30.0	4.90	32.67	4.90	25.84	215.0	0.065	1468	6.34	0515 UTC
40.0	4.85	32.72	4.85	25.89	210.8	0.086	1468	1.63	42 30.6 N
50.0	4.72	32.74	4.71	25.91	208.4	0.107	1468	3.27	69 29.1 W
60.0	4.50	32.77	4.50	25.96	203.9	0.128	1467	4.29	Depth 272 m
70.0	4.39	32.82	4.38	26.02	198.7	0.148	1467	3.9	
80.0	4.34	32.87	4.33	26.05	195.1	0.168	1467	4.7	
90.0	4.40	32.91	4.39	26.09	192.3	0.187	1467	2.5	
100.0	4.54	32.96	4.53	26.11	190.3	0.206	1468	2.8	
110.0	4.75	33.03	4.74	26.14	187.5	0.225	1469	-1.4	
120.0	4.90	33.07	4.89	26.15	186.3	0.244	1470	1.6	
130.0	5.07	33.11	5.06	26.17	184.5	0.262	1471	3.7	
140.0	5.26	33.17	5.25	26.20	182.6	0.281	1472	3.0	
150.0	5.54	33.26	5.53	26.24	178.9	0.299	1473	3.3	
160.0	5.68	33.32	5.67	26.27	176.0	0.316	1474	3.7	
170.0	5.92	33.40	5.90	26.30	173.1	0.334	1475	-1.0	
180.0	5.99	33.43	5.98	26.31	172.4	0.351	1476	1.8	
190.0	5.99	33.45	5.97	26.33	170.9	0.368	1476	2.3	
200.0	6.01	33.46	5.99	26.34	169.9	0.385	1476	2.6	
210.0	6.06	33.49	6.04	26.36	168.7	0.402	1477	-0.9	
220.0	6.19	33.55	6.17	26.38	166.1	0.419	1477	2.6	
230.0	6.29	33.61	6.27	26.42	163.1	0.436	1478	5.0	
240.0	6.45	33.87	6.43	26.45	160.5	0.452	1479	3.7	
250.0	6.55	33.73	6.53	26.48	157.8	0.468	1479	1.4	
260.0	6.58	33.74	6.55	26.49	157.0	0.483	1480	2.7	
268.0	6.60	33.75	6.57	26.49	156.8	0.496	1480		



P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	nt3/kg	10m ² /s ²	m/sec	cpH	
0.0	4.48	32.28	4.48	25.58	240.0	0.000	1465	5.09	Cruise EN159
10.0	4.46	32.32	4.46	25.61	237.1	0.024	1465	2.44	Station 143
20.0	4.41	32.32	4.41	25.62	236.2	0.047	1465	2.70	18 APR 1987
30.0	4.42	32.36	4.42	25.65	233.6	0.071	1465	-1.61	0645 UTC
40.0	4.41	32.37	4.40	25.66	232.6	0.094	1466	0.53	42 42.0 N
50.0	4.34	32.39	4.34	25.67	231.0	0.117	1466	-3.78	69 32.9 W
60.0	3.98	32.55	3.97	25.84	215.1	0.140	1464	4.32	Depth 245 m
70.0	4.36	32.67	4.35	25.90	210.0	0.161	1466	1.1	
80.0	3.76	32.65	3.78	25.94	205.7	0.182	1464	8.9	
90.0	3.94	32.77	3.94	26.02	198.2	0.202	1465	5.2	
100.0	4.16	32.84	4.16	26.05	195.8	0.221	1466	1.0	
110.0	4.18	32.86	4.17	26.07	194.3	0.241	1466	2.7	
120.0	4.32	32.90	4.31	26.09	192.4	0.260	1467	-1.3	
130.0	4.32	32.91	4.31	26.10	191.7	0.279	1467	1.5	
140.0	4.29	32.92	4.28	26.11	190.8	0.299	1467	2.5	
150.0	4.30	32.95	4.29	26.13	188.6	0.318	1468	-2.0	
160.0	4.41	33.01	4.40	26.16	185.6	0.336	1468	3.1	
170.0	5.03	33.16	5.02	26.21	181.4	0.355	1471	1.3	
180.0	5.32	33.26	5.30	26.26	176.9	0.372	1473	0.6	
190.0	5.59	33.35	5.58	26.30	173.5	0.390	1474	4.1	
200.0	5.95	33.48	5.93	26.36	168.1	0.407	1476	1.7	
210.0	6.06	33.52	6.04	26.38	166.6	0.424	1477	1.4	
220.0	6.19	33.57	6.17	26.40	164.6	0.440	1477	-0.6	
230.0	6.38	33.65	6.36	26.44	161.3	0.457	1478	3.4	
240.0	6.44	33.67	6.42	26.45	160.8	0.473	1479	-0.9	
243.0	6.44	33.67	6.42	26.45	160.8	0.478	1479		



P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/mt3	mt3/kg	10mt2/st2	m/sec	cph	
0.0	4.74	32.45	4.74	25.68	229.8	0.000	1466	2.48	Cruise EN159
10.0	4.71	32.46	4.71	25.69	228.8	0.023	1466	2.63	Station 144
20.0	4.70	32.47	4.70	25.71	227.8	0.046	1467	3.90	18 APR 1987
30.0	4.65	32.50	4.65	25.73	225.5	0.068	1467	-1.11	0815 UTC
40.0	4.65	32.50	4.65	25.73	225.5	0.091	1467	1.07	42 52.6 N
50.0	4.53	32.50	4.52	25.75	224.2	0.113	1466	1.17	69 36.8 W
60.0	4.32	32.51	4.32	25.77	221.9	0.136	1466	6.52	Depth 157 m
70.0	3.85	32.71	3.85	25.98	202.3	0.157	1464	0.6	
80.0	4.01	32.76	4.00	26.00	199.9	0.177	1465	0.6	
90.0	4.13	32.82	4.12	26.04	196.6	0.197	1466	3.9	
100.0	4.10	32.87	4.09	26.08	192.8	0.216	1466	-1.8	
110.0	4.24	32.90	4.24	26.09	191.7	0.236	1467	-0.5	
120.0	4.26	32.94	4.25	26.12	189.3	0.255	1467	-3.6	
130.0	4.34	32.95	4.33	26.12	189.5	0.274	1468	2.0	
140.0	4.48	33.02	4.47	26.17	185.2	0.292	1468	8.4	
150.0	5.19	33.18	5.18	26.22	180.7	0.311	1472	4.5	
151.0	5.22	33.20	5.21	26.22	180.1	0.313	1472		



P	T	S	PT	STH	SPVA	DH	SND V	N	
db	deg C	ppt	deg C	kg/m ³	mt ³ /kg	10mt ² /st ²	m/sec	cph	
0.0	4.79	32.40	4.79	25.63	234.4	0.000	1467	2.09	Cruise EN159
10.0	4.78	32.44	4.78	25.67	231.1	0.023	1467	3.28	Station 145
20.0	4.55	32.47	4.55	25.72	228.3	0.046	1466	-1.24	18 APR 1987
30.0	4.55	32.48	4.55	25.72	228.2	0.069	1466	-2.34	0937 UTC
40.0	4.08	32.49	4.07	25.78	220.6	0.091	1464	5.00	43 2.9 N
50.0	3.89	32.54	3.89	25.84	215.0	0.113	1464	9.73	69 40.5 W
60.0	3.84	32.62	3.84	25.91	208.5	0.134	1464	2.32	Depth 115 m
70.0	3.83	32.68	3.83	25.96	204.2	0.155	1464	2.4	
80.0	3.75	32.70	3.74	25.98	201.8	0.175	1464	1.0	
90.0	3.66	32.71	3.65	26.00	200.2	0.195	1464	1.6	
100.0	3.57	32.70	3.56	26.00	200.1	0.215	1463	-3.4	
104.0	3.53	32.70	3.53	26.00	200.1	0.223	1463		

