

I.O.S.

CTD DATA
FROM THE WESTERN EQUATORIAL INDIAN OCEAN
10 MAY – 6 JULY 1979
DISCOVERY CRUISE 102

by

P M SAUNDERS

DATA REPORT NO 23

1980

NATURAL ENVIRONMENT
INSTITUTE OF
OCEANOGRAPHIC
SCIENCES
RESEARCH COUNCIL

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INSTITUTE OF OCEANOGRAPHIC SCIENCES

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Abstract

This report presents lists and graphs of CTD data obtained aboard RRS DISCOVERY in INDEX, an oceanographic component of FGGE. Stations were occupied in the western Indian Ocean between latitudes 4°S and 9°N and between longitudes 40°E and 53°E during the onset of the summer monsoon (1979). CTD data was reconciled with reversing thermometer measurements and salinity and oxygen samples. Root mean square differences for pressure were 5 db and 3 db for legs 1 and 2 of the cruise respectively and for temperature on both legs were $.015$ to $.005^{\circ}\text{C}$ decreasing with depth. RMS differences in salinity also decreased with depth from $.02$ to $.004^{\circ}\text{oo}$ on leg 1 but remarkably only from $.007$ to $.003^{\circ}\text{oo}$ on leg 2. Oxygen rms differences (leg 2) ranged from 0.4 to 0.2 ml/l.

INTRODUCTION

The data described in this report was gathered on DISCOVERY cruise 102 to the Western Indian Ocean employing a Brown conductivity, temperature and depth profile (CTD). An earlier report by the author details both equipment and procedures (Saunders, 1980); here they will be dealt with only summarily or at length only where changes have been made.

A map of the cruise track for both legs and tabulation of CTD station positions is found preceeding the data lists and graphs. Information concerning other measurements made on the cruise are described in the cruise report (Swallow, 1979). A Companion data report has been issued by the University of Miami (Wilson et al 1979) and data sets exist in the hands of R. Molinari (AOML, NOAA, Miami) and J. Gonella (LOP, Museum Nationale, Paris).

LEG 1 - RECONCILIATION OF DATA

On leg 1 of the cruise the early CTD stations were discarded because of condensation of water within the instrument arising from the very rapid cooling following lowering through the tropical thermocline. Furthermore CTD unit 1 was interfaced with an IOS-built vector averaging current meter which prevented the use of the multisampler. As a consequence there are relative few inter-comparisons between reversing thermometers and the CTD and sample salinity comparisons were made indirectly.

a) Pressure

In situ calibration of the pressure sensor was necessary because of the utilisation of an uncalibrated electronics board. Twenty-six comparisons with unprotected thermometers mounted on NIO bottles clamped to the wire 1 m above the CTD unit gave a pressure calibration coefficient of .09355 (nominal value 0.1). Standard deviation of the fit was 5 db. (Table 1.)

b) Temperature

A plot of the temperature difference between reversing

thermometers (at both the top and bottom of the cast) and the uncorrected CTD values revealed a difference of $.025^{\circ}\text{C}$ increasing with temperature. Corrected CTD values were obtained using the equation $T = .025 + .0005015 \times \text{RAWTEMP}$. The origin of this error is unknown but we conjecture the calibration change occurs in transit to the ship. Difference statistics are shown in table 1.

c) Salinity

Comparisons made between nominal salinities from the CTD and sample salinities at the same potential temperature but made on a separate cast revealed considerable drift in the CTD conductivity cell calibration. The cell factor CCR varied from .0009909 to .0009925 during the course of the cruise and large pressure and temperature dependence was found. The drift in calibration corresponded to a salinity change of nearly $.1^{\circ}/_{\text{OO}}$: the depth variation in the cell calibration corresponded to a change of $.05^{\circ}/_{\text{OO}}$. We have not documented the individual calibrations for each Station here but the statistics of the corrected CTD - sample salinities are shown in table 1. They are disappointingly large.

Table 1

LEG 1. Fit of CTD to NIO bottle data

Variable, range	Reversing Thermometers/Sample minus corrected CTD value		
	mean difference	standard deviation	no. of values
pressure, 700-2000db	0	5 db	26
temperature, 2-5°C	+0.003°C	.005°C	17
5-15	-.008	.010	8
15-30	+0.002	.015	17
Salinity at temps,			
2-5°C	+0.0005‰	.004‰	38
5-15	-.003	.012	179
15-30	-.010	.021	51

oxygen was not measured with the CTD on this leg.

approx. conversion of temperature to pressure is as follows;

5°C 1500±100 db
15°C 175±25 db

LEG 2 - RECONCILIATION OF DATA

On Leg 2 a second CTD instrument (unit 2) was employed: this model incorporated a Beckman polarographic dissolved oxygen sensor including measurements of electrode membrane current and membrane temperature. Unit 2 was employed with the Rosette multisampler so that data reconciliation was made a simpler task. At 10 m, 100 m, 200 m, 400 m, etc, depths the lowering was interrupted, thermometers allowed to come to equilibrium (5 minutes) and samples taken. Just prior to the operation of the multisampler values of p, T, c, I (current) and T_{Ox} were read from the deck unit and entered on a logsheet. After closing a Niskin bottle p, T, C (but not oxygen variables) were again read and entered. (It was found that after disabling the CTD - a consequence of operating the multisampler - there is a very slow recovery of the oxygen cell discernable for at least 2 minutes).

(a) Pressure

No change was made to the laboratory calibration of the sensor (made with a dead weight tester) except for the offset of 29 ± 1 db. Mean differences between unprotected thermometer values and the CTD pressure yields a mean of 2 db with a standard deviation of 3 db. This is a very gratifying result and has led to the identification of two unreliable thermometer calibrations (363 and 10023) and an improved confidence in pressure measuring capability.

(b) Temperature

A plot of the difference between reversing thermometers and the uncorrected CTD value revealed an offset of $.065^{\circ}\text{C}$ increasing slightly with temperature. (A very similar offset was reported for unit 2 on cruise 100 in the Southern Ocean). The latest calibration was dated Nov. 78 or approximately 6 - 8 months earlier than Cruise 102. Corrected CTD values were obtained using the equation $T = .063 + .0005005 \times \text{RAWTEMP}$ and differences and their standard deviation are shown in table 2. Calibration shifts of the platinum resistance

thermometer and its electronics of this magnitude remain unacceptable.

(c) Salinity

From on board determinations of salinity (Guildline autosal) sample conductivity at corrected CTD pressure and temperature were calculated C_s and compared with in situ CTD conductivities. Writing

$$\frac{C_s}{C} = CCR(1 + \alpha T + \beta p)$$

a least square fit of 297 sets of observations gave

$$CCR = .000999737 \quad \alpha = 0.952 \times 10^{-5} \text{ } ^\circ\text{C}^{-1}, \quad \beta = 0.809 \times 10^{-7} \text{ db}^{-1}$$

Differences between sample and CTD salinities using this one group of calibration coefficients are shown in table 2. The stability of the conductivity cell on this leg is in striking contrast to that on the first when 20 different values of CCR and 3 values of α, β pairs were employed.

Table 2

LEG 2 Fit of CTD to Rosette Sample data

Variable, range	Reversing Thermometers/Sample minus corrected CTD value		
	Mean difference	Standard deviation	No. of values
pressure, 300-2000db	+2db	3db	63
temperature, 2-5°C	-.002°C	.005	50
5-15	-.004	.007	65
15-30	+.001	.012	48
Salinity at temps.			
2-15°C	0‰	.003‰	311
15-30	0	.007	107
Oxygen at temps.			
2-15°C	-.05ml/l	.22ml/l	216
15-30	.13	.39	81

Approximate conversion of temperature to pressure is as follow:

$$5^{\circ}\text{C} \sim 1500 \pm 100 \text{ db}$$

$$15^{\circ}\text{C} \sim 175 \pm 25 \text{ db}$$

(d) Oxygen

Oxygen saturation measurements expressed in ml/l at NTP have been fitted by Weiss (1970) to the following equations:-

$$\text{oxsat}(T,S) = \exp(((-21.8492y - 173.4292)y + 249.6339)/y + s((-0.0017y + 0.014259)y - 0.033096) + 143.3483 \ln y)$$

where $y = (T + 273.16)/100$.

T is the ambient temperature, °C

S is the salinity ‰

From a sample value of oxygen concentration (determined by the Winkler method as recommended by Carritt and Carpenter) the fractional saturation content was obtained by normalising it by the appropriate saturation value. The Beckman oxygen cell also measures fractional saturation given by an equation

$$F = C' \cdot I \cdot \exp(\alpha' T' + \beta' p)$$

where I is the oxygen sensor raw current (on unit 2, CTD deck display x 2000) -

T' is a weighted temperature (taken as $0.25 \times T$ (ambient) + $0.75 \times T$ (oxygen))

and

C', α' , β' are the empirical coefficients to be determined. Hence

$$\ln F - \ln I = \ln C' + \alpha' T' + \beta' p$$

From 297 data sets on leg 2 of this cruise a least square fit gave

$$C' = 1.43 \times 10^{-3} \quad \alpha' = -0.0323^\circ\text{C}^{-1} \quad \beta' = 1.263 \times 10^{-4} \text{ db}^{-1}$$

and no trend could be detected in the measurements. The standard deviation of the fit is shown in table 2. It is a factor several times larger than the error of a well-titrated oxygen sample.

COMPUTER PROCESSING OF CTD DATA

The Hewlett Packard 2100 computer acquired CTD data employing entirely new software generously supplied by the Woods Hole Oceanographic Institution and adopted for IOS use by Dr. D. Webb. The new software which permitted the user to specify the format of the data cycle at run time, was necessary because of the addition of the oxygen measurement.

After returning to Wormley, where calibration coefficients were finally decided (see earlier paragraphs) processing of data was carried out using the G-EXEC processing system on the Science Research Council IBM 360/195 computer at the Rutherford Laboratory. The sequence of operations performed on the data is summarised in the attached table 3.

ACKNOWLEDGEMENTS

Messrs. J. Moorey determined salinities and corrected thermometers, M.J. McCartney determined oxygen concentrations and G. Griffiths maintained the CTD units in operation. Mr. D.R. Quadfasel (IFM, Kiel) and Dr. J.C. Swallow shared in the data collection and provided advice and encouragement.

REFERENCES

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- WEISS, R.F. 1970 The solubility of nitrogen, oxygen and argon in water and seawater. *Deep Sea Research*, 17. 721-736.
- WILSON, D., O. BROWN and R. EVANS 1979 Physical Oceanographic Observations made aboard R/V Columbus Iselin off the Somali coast during 1979. Univ. of Miami, RSMAS, TR '79-6.

Table 3 - Processing CTD data

Stage	Function	Description
0	Calibrate	Tape translation: apply calibration coefficients and match time constants of conductivity cell and temperature probe.*
1	Compute salinity	(a) Compute salinity and oxygen, discard conductivity, oxygen current etc. (b) Identify suspect data, ⁺ making entries in an edit file.
2	Edit bad data	Linearly interpolate suspect data: return to 1(b).
3	Condense	Sort data on pressure and average into 2 db intervals: list p, T, s, O ₂ .
4	Fill gaps	Add any missing data cycles
5	Plot	Standard plot of T, s, O ₂ versus p
6	Archive	Copy good file (p, T, s, O ₂) to tape
7	Station list	Compute standard hydrographic parameters (θ , σ_T , δ etc...): interpolate to standard pressures and list.

Notes: * (1) As described by Fofonoff et al (1974).
No corrections made (so far) to oxygen measurements.

+ (2) Suspect data is identified as differing by several standard deviations from previous good value.

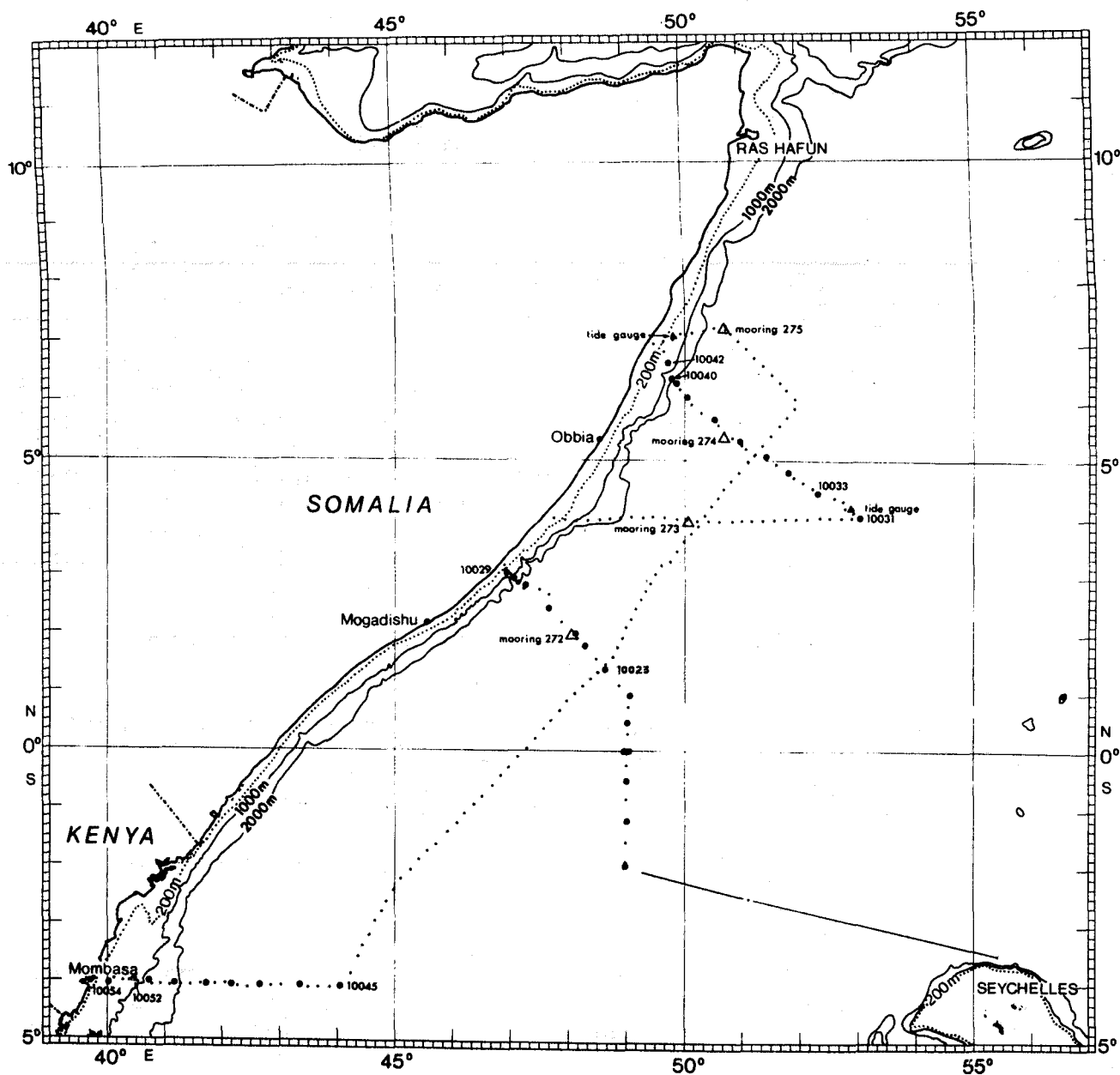


Figure 1.

DISCOVERY CRUISE 102
 Leg 1
 10 May - 4 June 1979

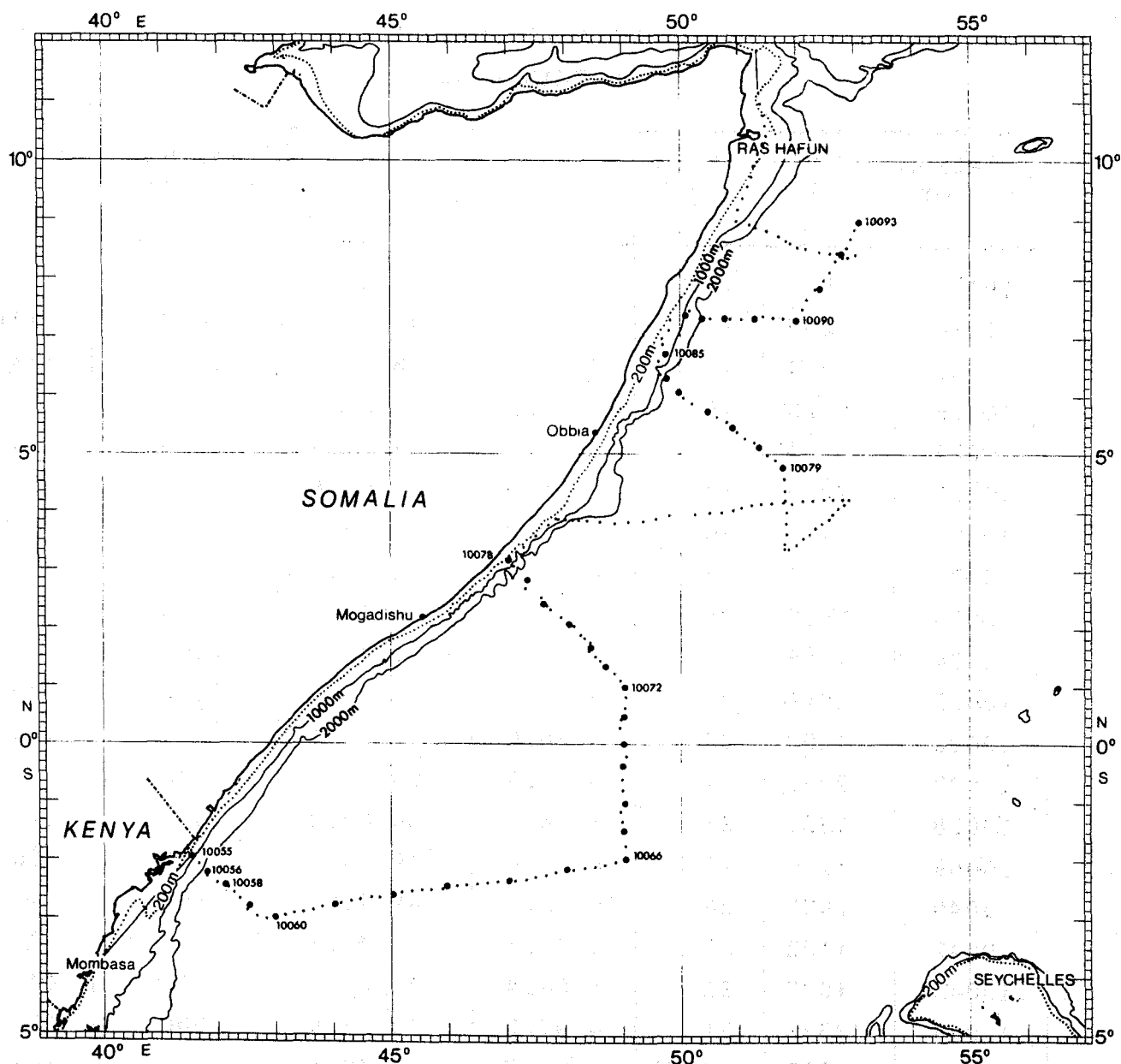


Figure 2.

DISCOVERY CRUISE 102

Leg 2

9 June - 6 July 1979

CTD STATION LIST
 LOWERINGS LEG 1

Station Number	Time Z	Date 1979	Lat.	Long.E.	Max Wire out (m)	Water Depth (m)
10023	0531	16.V	1 23.3N	48 37.8	1000	4619
10024	0807	17	1 48.1	48 18.4	1000	4401
10025	1754	17	2 01.4	48 06.3	1000	4230
10026	0928	18	2 27.3	47 41.5	2000	3505
10027	1027	19	2 50.7	47 17.4	1195	2586
10028	2220	19	2 58.8	47 03.6	1100	1731
10029	0147	20	3 03.9	46 57.2	600	905
10031	0915	22	4 01.2	53 01.3	2000	5109
10033	2227	22	4 27.6	52 17.1	2000	5105
10034	1008	23	4 49.3	51 44.1	2000	5095
10035	2042	23	5 03.7	51 23.1	2000	5001
10036	1302	24	5 20.0	50 54.1	2000	4965
10037	2005	24	5 43.5	50 25.1	2000	5078
10038	1253	25	6 06.7	50 00.8	2000	4117
10039	1110	26	6 21.4	49 50.3	2000	2067
10040	2025	26	6 25.1	49 44.5	1400	1492
10042	1122	27	6 41.6N	49 42.3	720	750
10045	1025	31	4 04.4S	44 01.3	2000	4409
10046	2331	31	4 07.2	43 23.0	2000	4001
10047	1555	1.VI	4 07.8	42 40.1	2000	3690
10048	0102	2	4 05.4	42 10.8	2000	3300
10049	1532	2	4 03.1	41 43.0	2000	2891
10050	0253	3	4 00.9	41 14.1	1900	1918
10051	1257	3	4 00.4	40 45.1	1220	1215
10052	1846	3	3 59.7	40 31.2	900	910
10054	2035	4	4 00.0	40 02.8	666	672

- Notes: (1) Time of cast is time of CTD at bottom, or time of messenger if employed
 (2) Navigation by satellite and ship's log and gyro
 (3) Water depth in metres with Matthews' corrections

CTD STATION LIST
LOWERINGS LEG 2

Station Number	Time z*	Date	Lat.	Long.E.	Max wire out (m)	Water depth (m)
10055	0700	10.VI	1 58.1S	41 32.7	900	897
10056	1152	10	2 11.4	41 46.7	2330	2193
10058	1258	11	2 25.7	42 07.3	2050	2830
10059	1902	11	2 47.5	42 34.1	2100	3282
10060	1045	12	2 59.5	42 58.5	2100	3495
10061	0120	13	2 45.8	44 01.3	2100	3787
10062	1125	13	2 37.2	45 02.4	2050	4220
10063	1914	13	2 27.6	45 58.0	2100	4578
10064	0738	14	2 21.4	47 02.0	2100	4778
10065	1730	14	2 10.3	48 01.6	2150	4848
10066	0434	15	2 02.2	49 03.0	2100	4915
10067	1208	15	1.31.3	49 00.2	2070	4861
10068	1952	15	1 01.1	49 00.0	2150	4856
10069	0308	16	0 33.5S	49 01.6	2100	4855
10070	1242	16	0 00.1N	49 01.4	2100	4790
10071	1253	17	0 29.0	49 00.7	2060	4780
10072	2041	17	0 59.6	49 02.9	2150	4772
10073	0614	18	1 20.5	48 42.4	2200	4645
10074	2310	18	1 39.7	48 26.9	2200	4496
10075	1759	19	2 03.1	48 03.7	2350	4204
10076	0815	20	2 23.9	47 37.9	2170	3514
10077	0155	21	2 48.6	47 20.6	2150	2767
10078	1821	21	3 08.1	47 03.1	780	664
10079	0702	24	4 47.0	51 45.7	2250	5091
10080	1446	24	5 08.1	51 20.8	2100	5011
10081	2328	24	5 27.7	50 53.3	2100	4960
10082	1920	25	5 45.0	50 27.5	2100	4579
10083	0356	26	6 03.6	49 58.8	2150	4037
10084	1806	26	6 19.1	49 45.5	1950	1934
10085	1042	27	6 42.5	49 45.0	800	821
10086	2024	27	7 23.9	50 04.8	1000	942
10087	1033	28	7 19.8	50 23.2	2100	2808
10088	2128	28	7 19.7	50 46.0	2080	3745
10089	0525	29	7 21.6	51 17.3	2100	5014
10090	1404	29	7 16.7	51 59.6	2050	5070
10091	2212	29	7 51.2	52 23.7	2100	5076
10092	0700	30	8 24.1	52 47.1	2150	5049
10093	1742	30	8 58.8	53 05.4	2250	4895

PRES

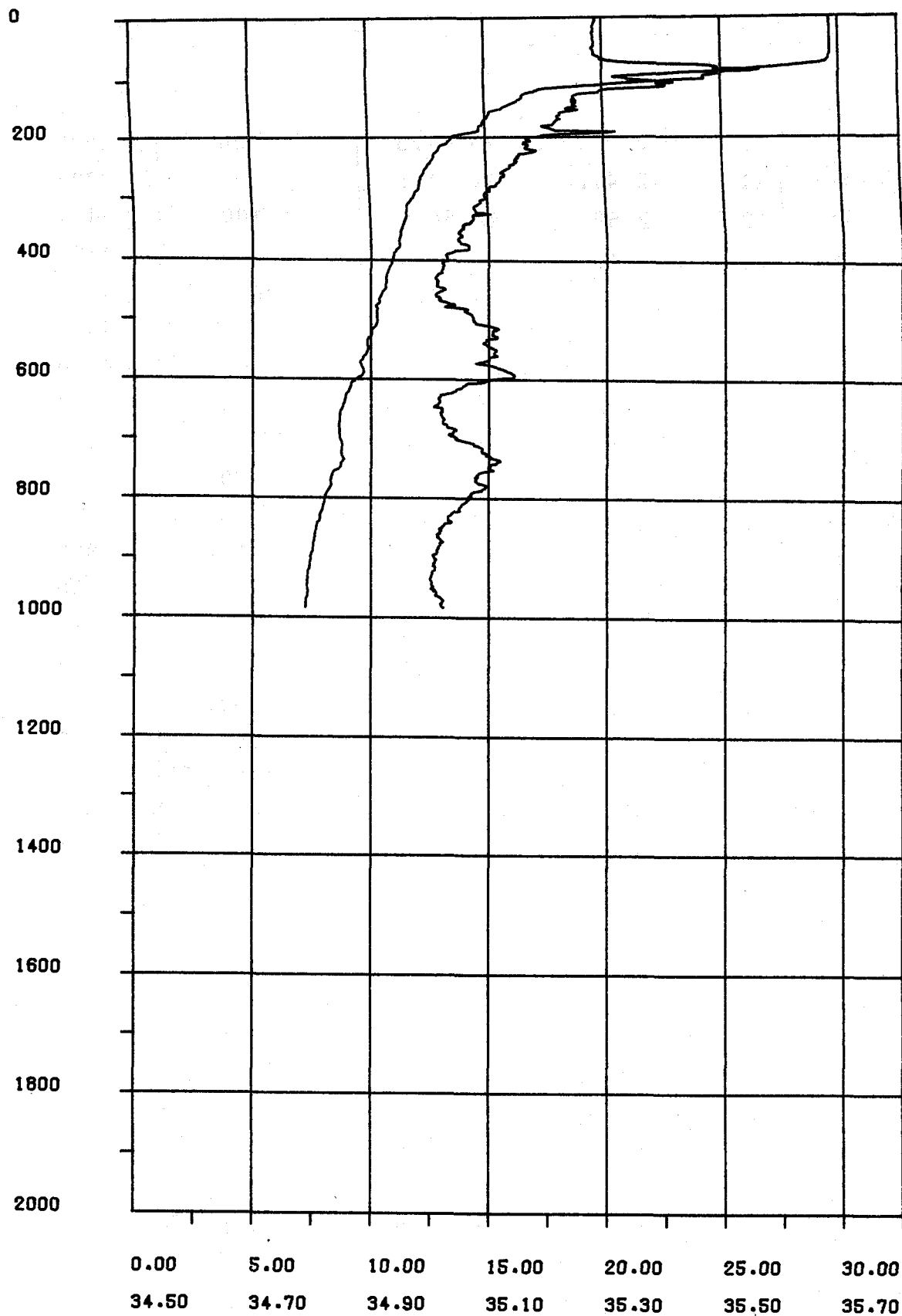
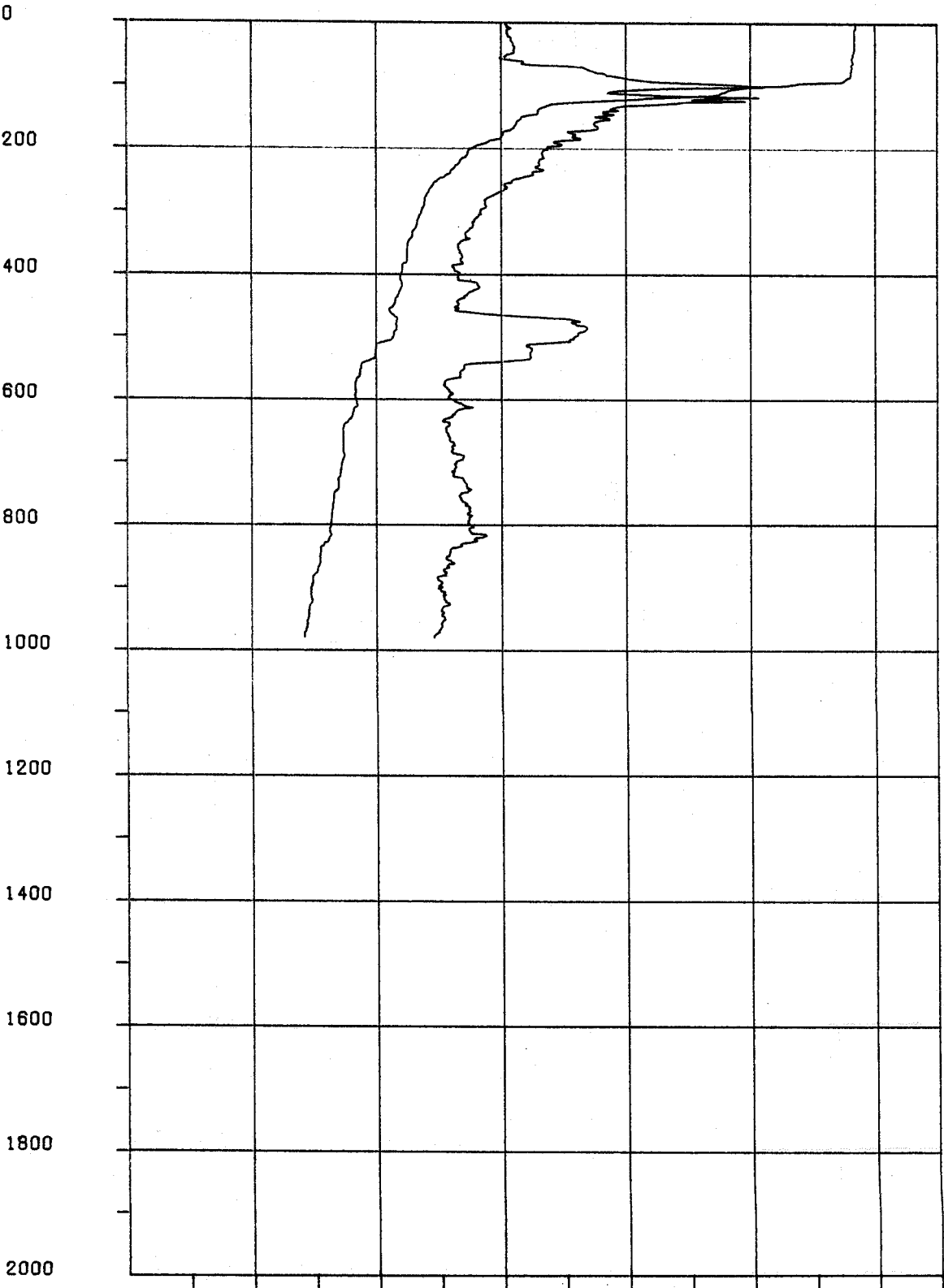


Figure 3

PRES



TEMP
SAL.FOF

Figure 4

PLOTXY

DISCOVERY 102 STATION 10024

15SEP80

PRES

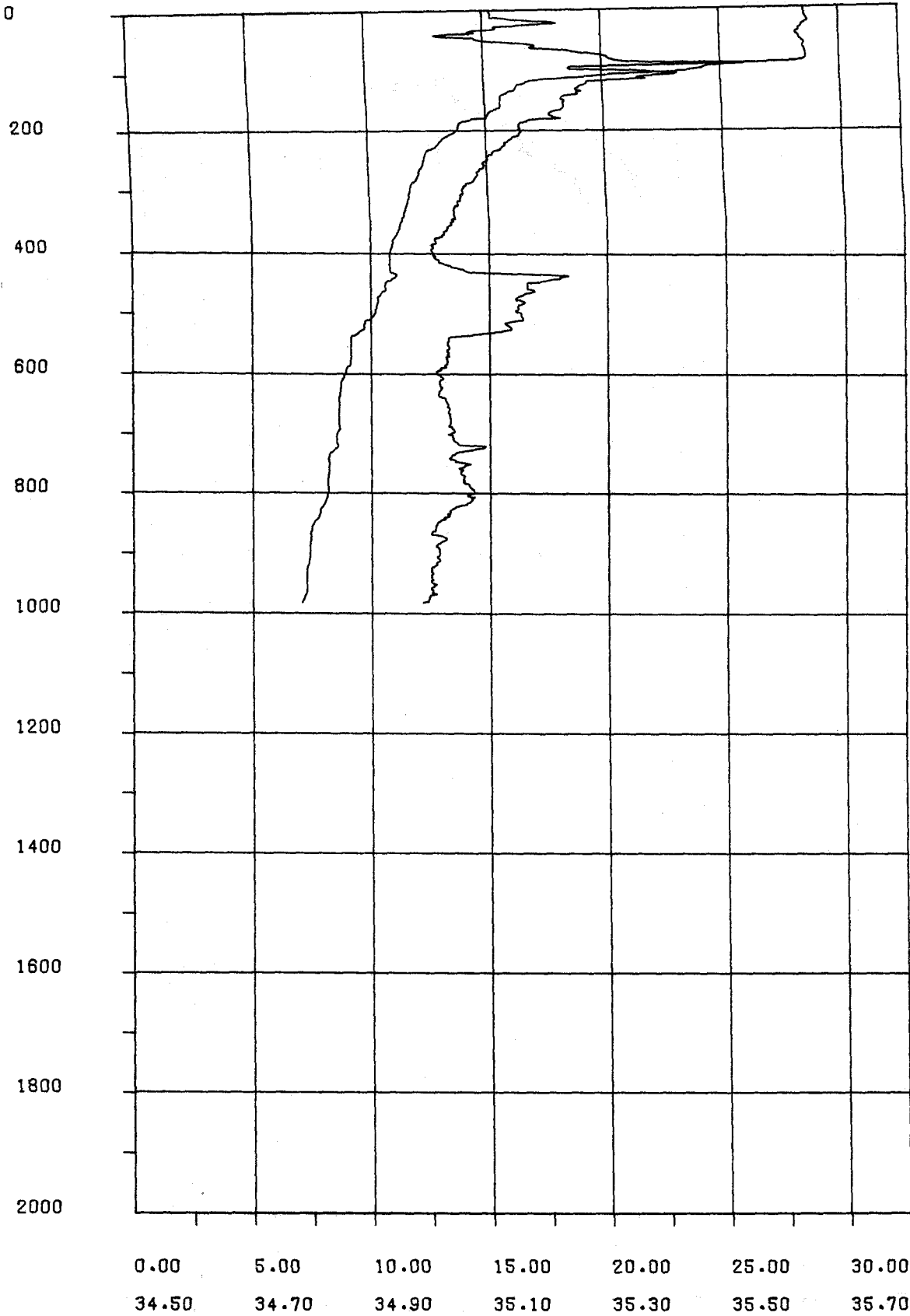


Figure 5

PRES

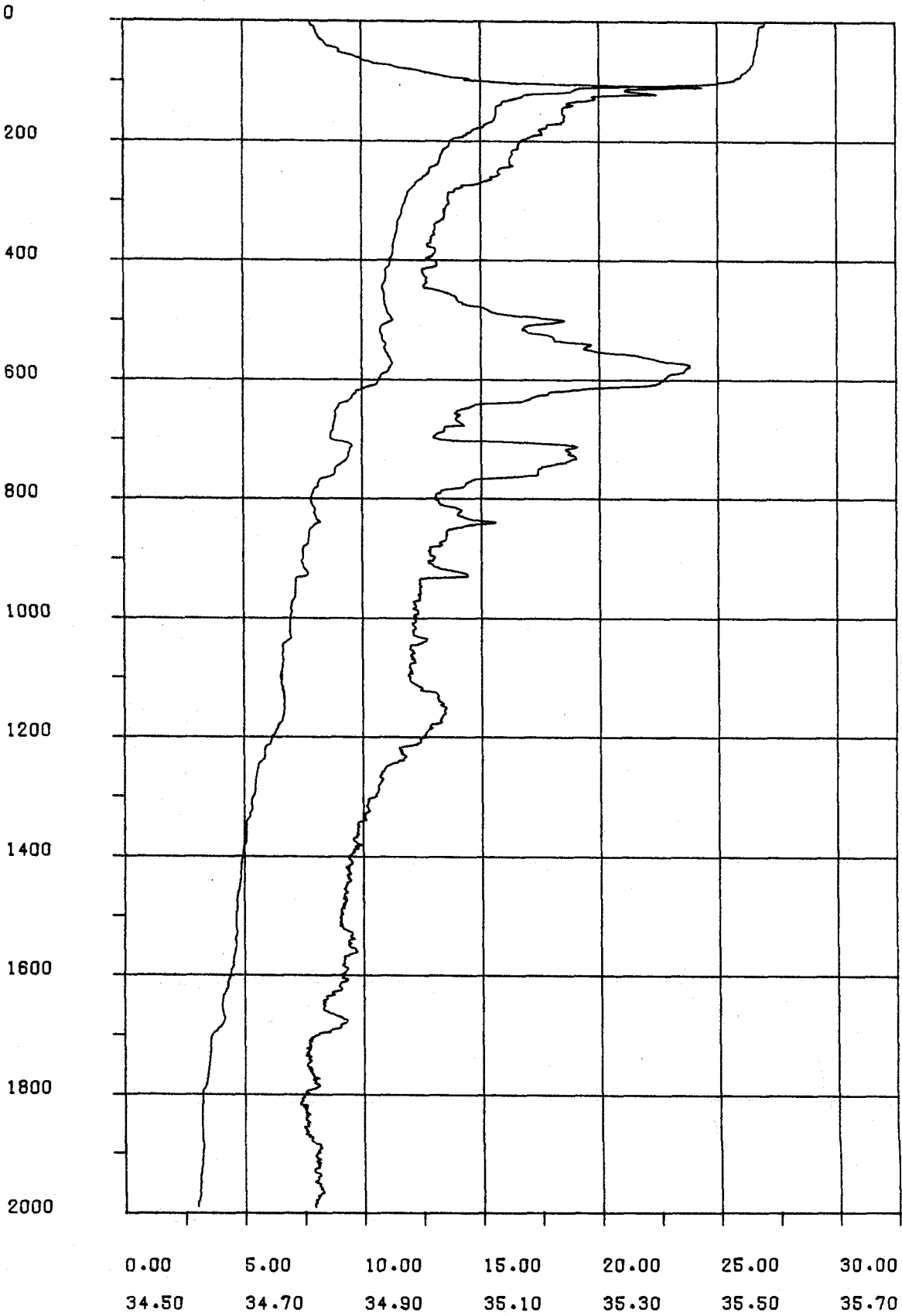


Figure 6

PRES

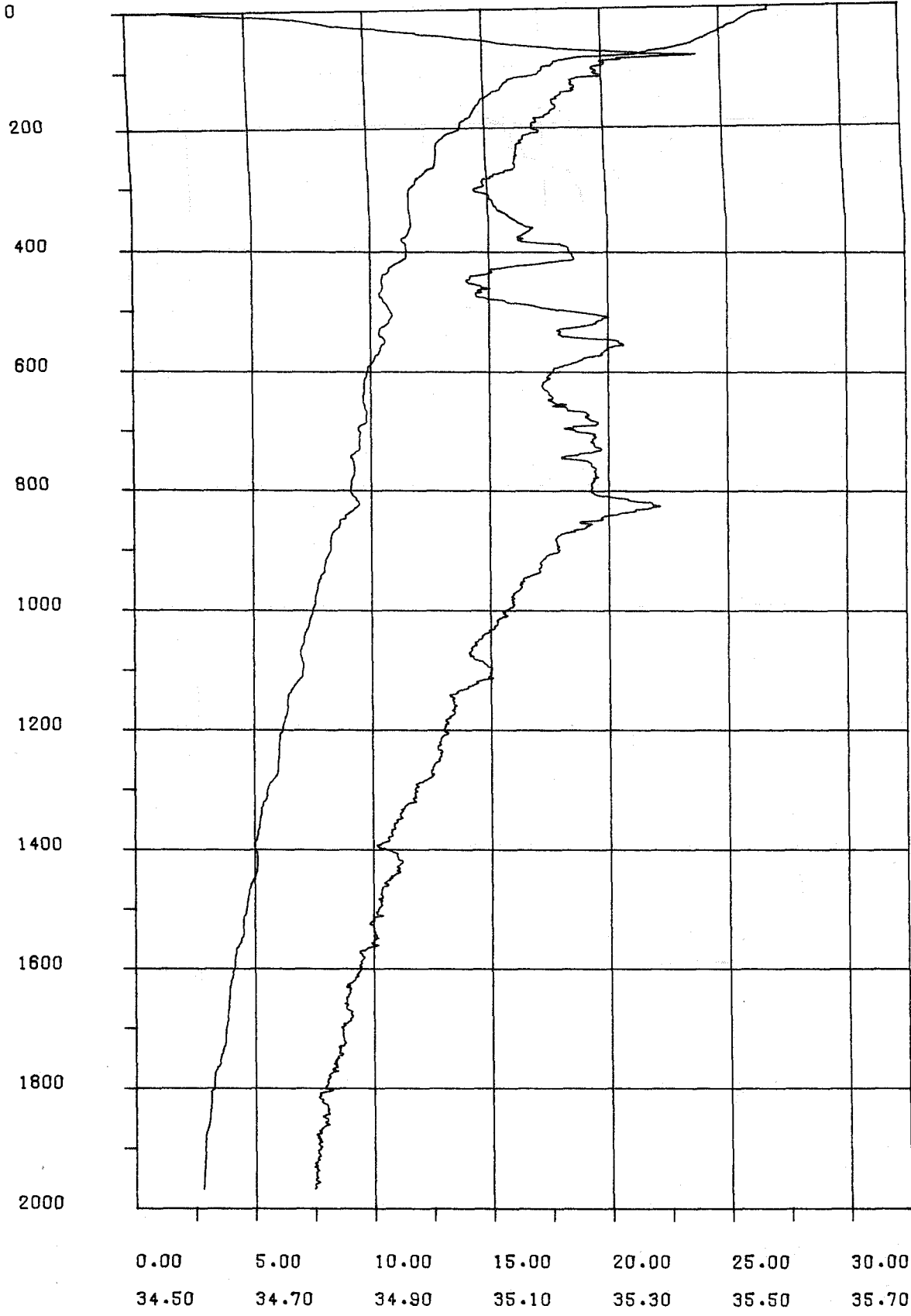


Figure 7

PRES

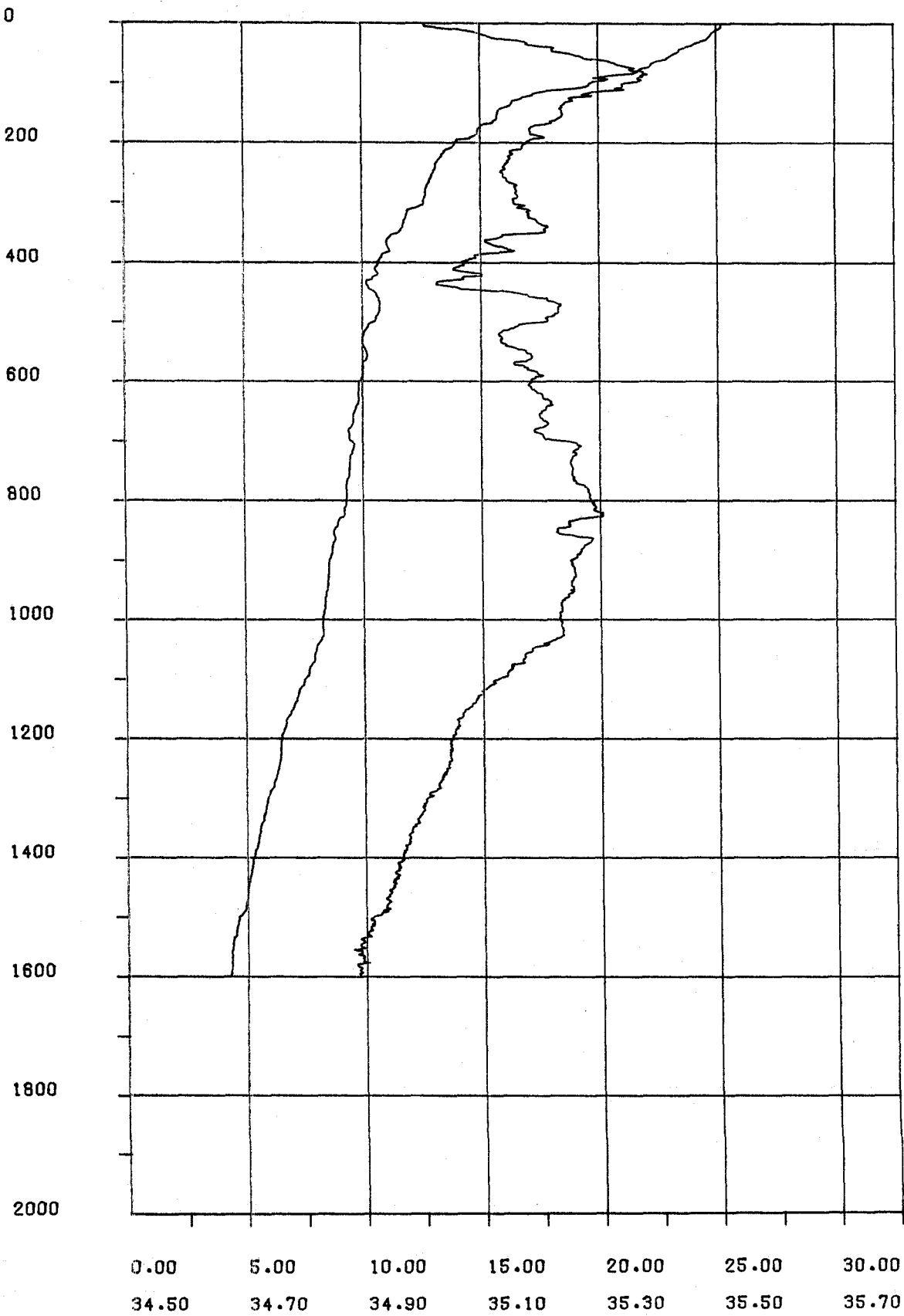


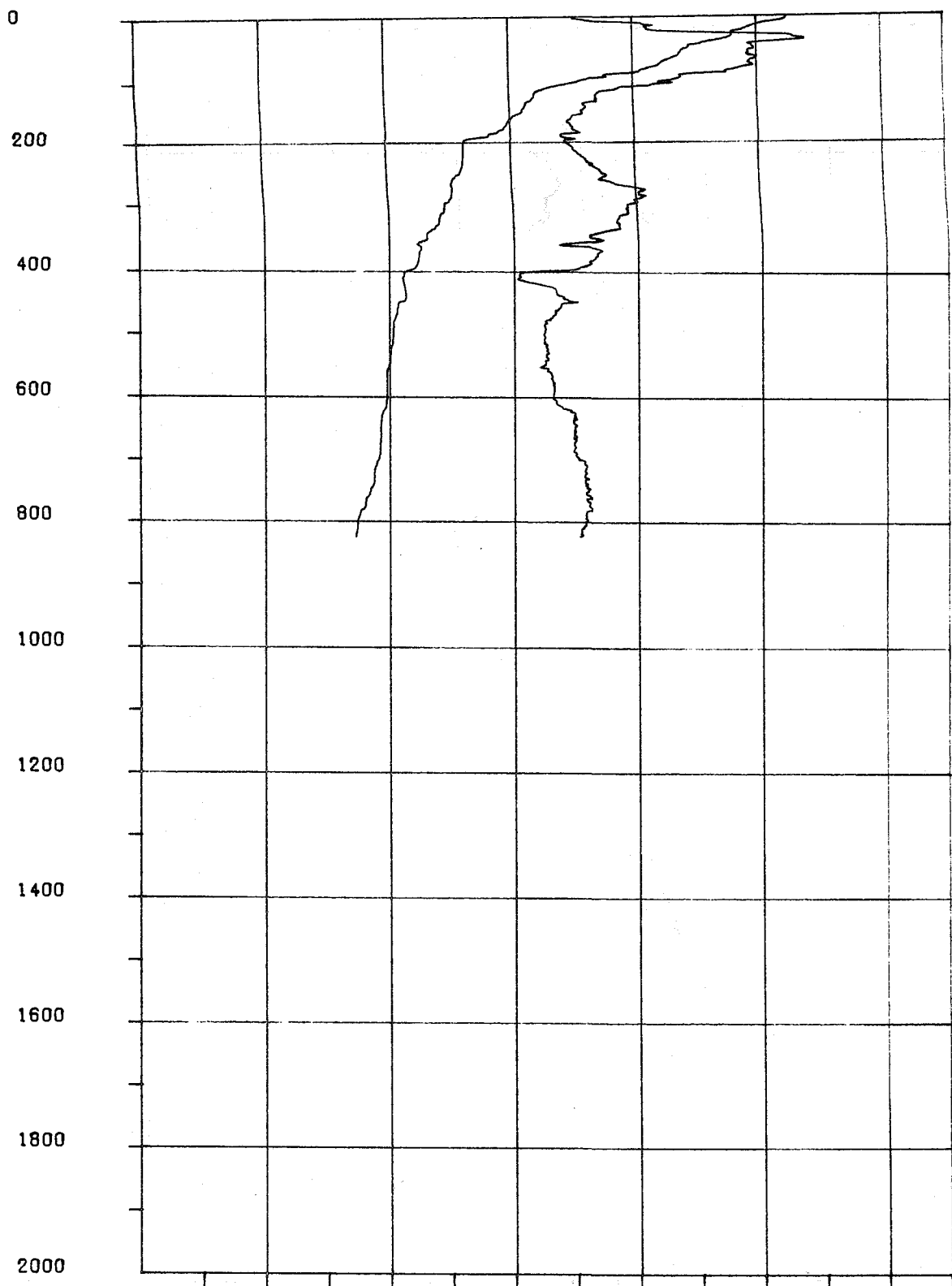
Figure 8

PLOTXY

DISCOVERY 102 STATION 10028

15SEP80

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF

Figure 9

PRES

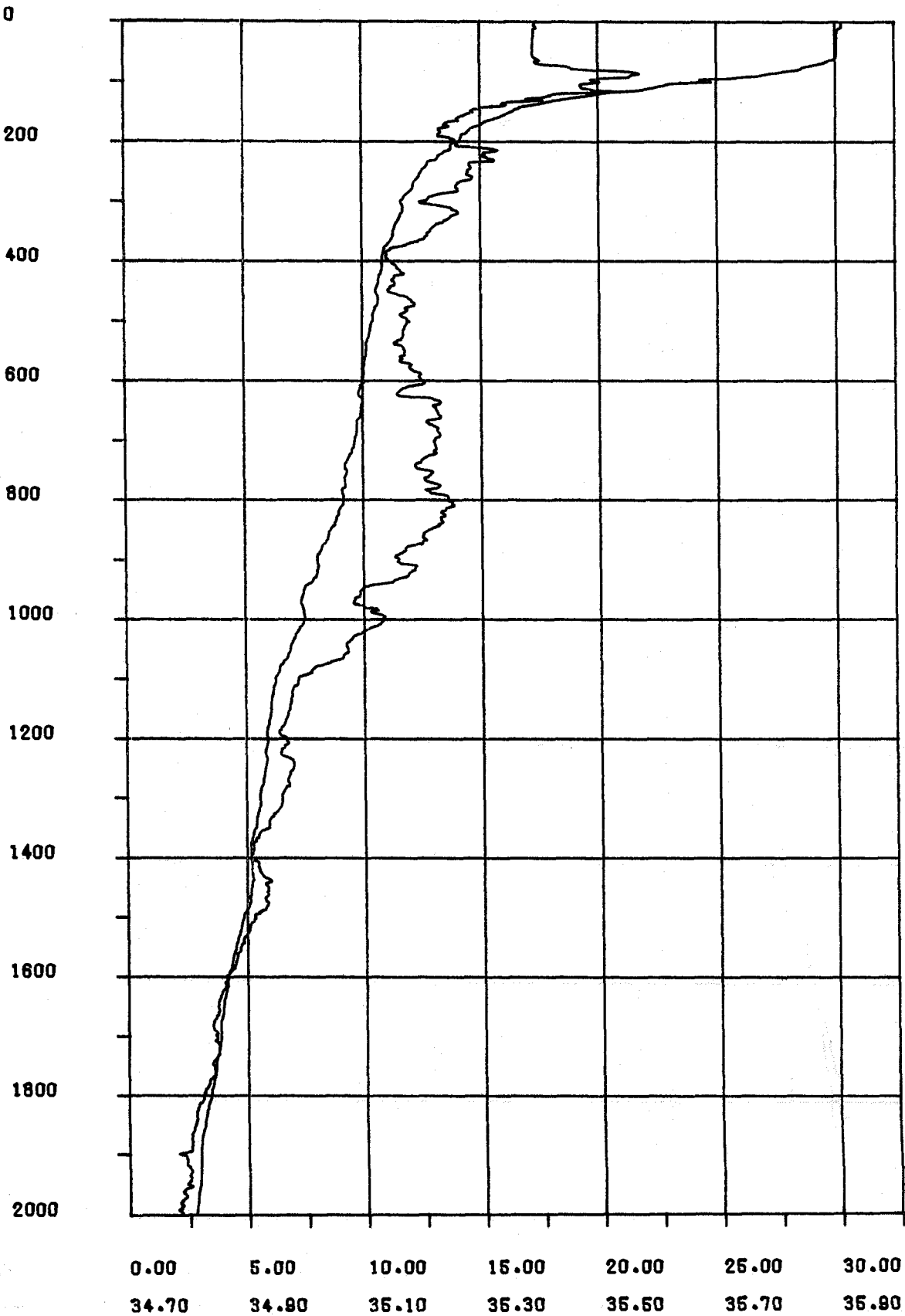


Figure 10

PLOTXY

DISCOVERY 102

STATION 10031

24SEP80

PRES

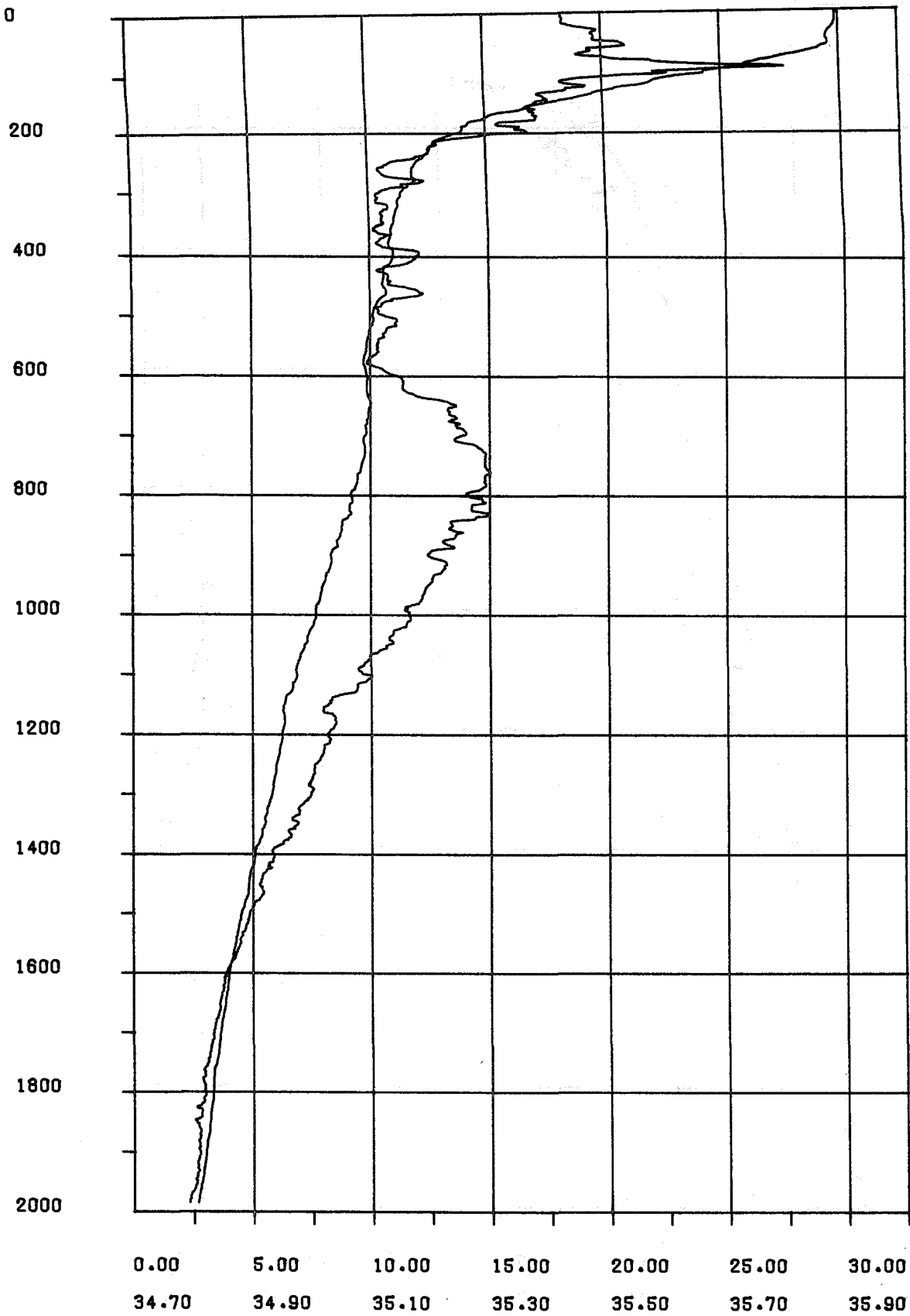


Figure 11

PRES

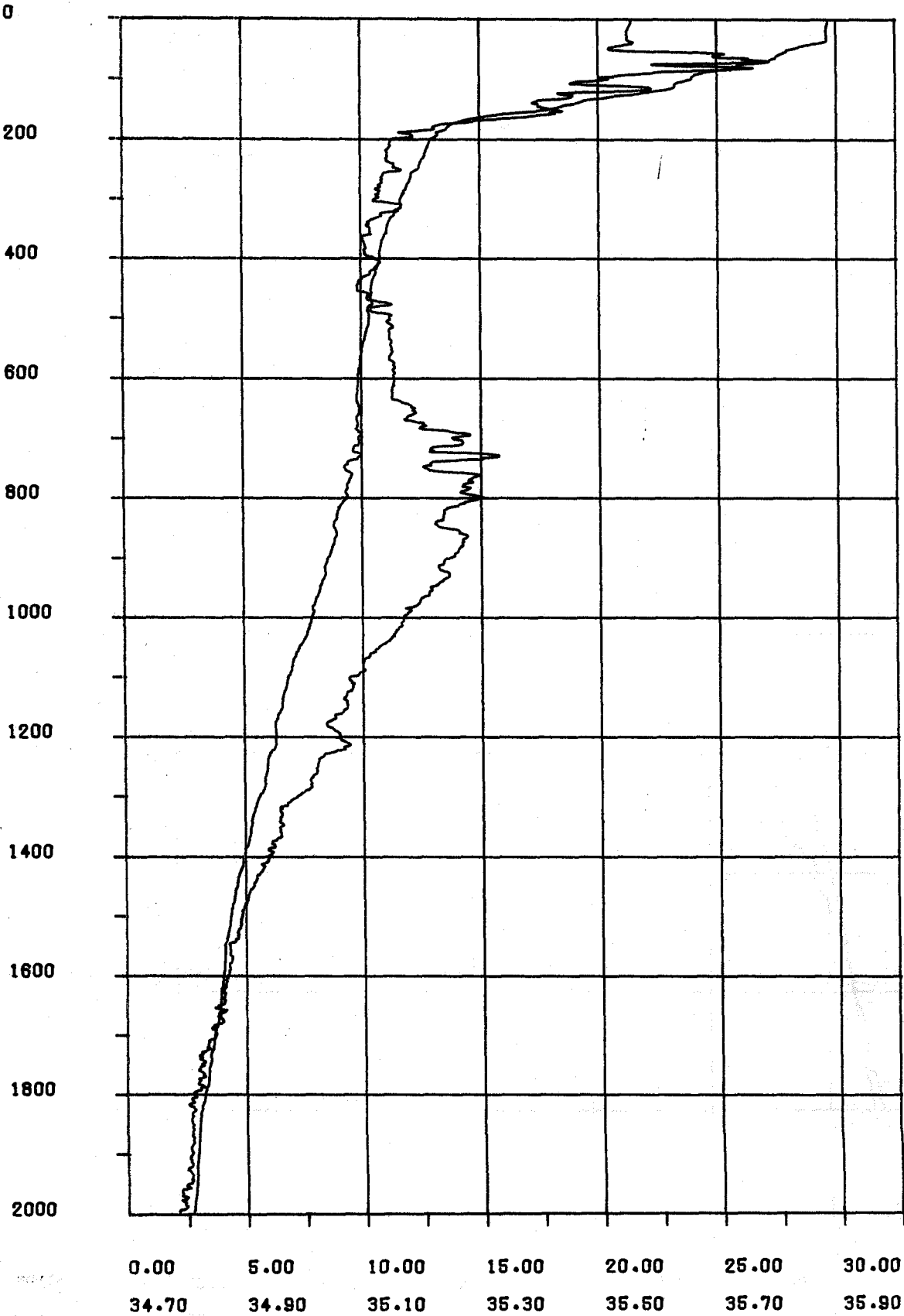


Figure 12

PLOTXY

DISCOVERY 102 STATION 10034

24SEP80

PRES

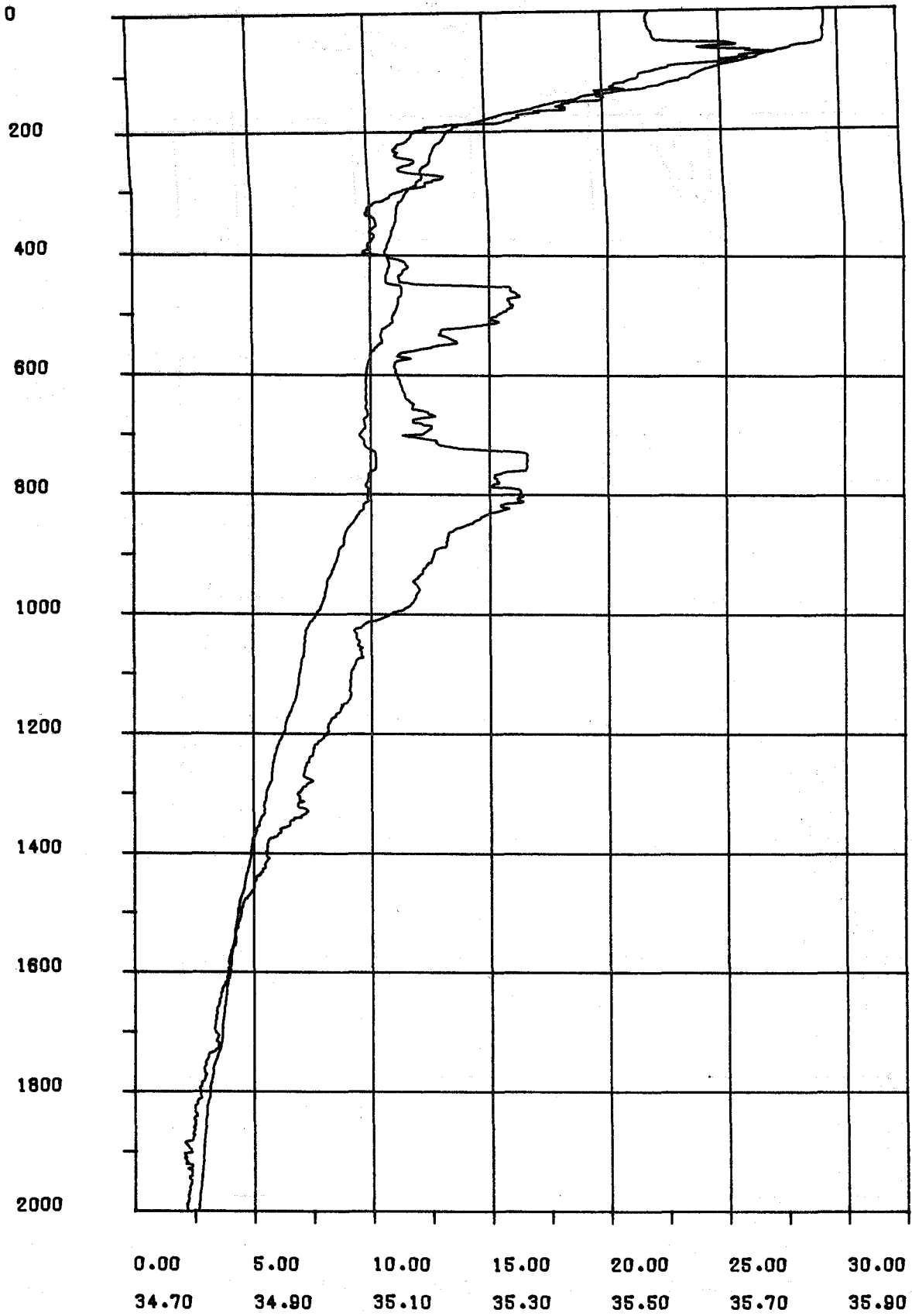


Figure 13

PRES

0

200

400

600

800

1000

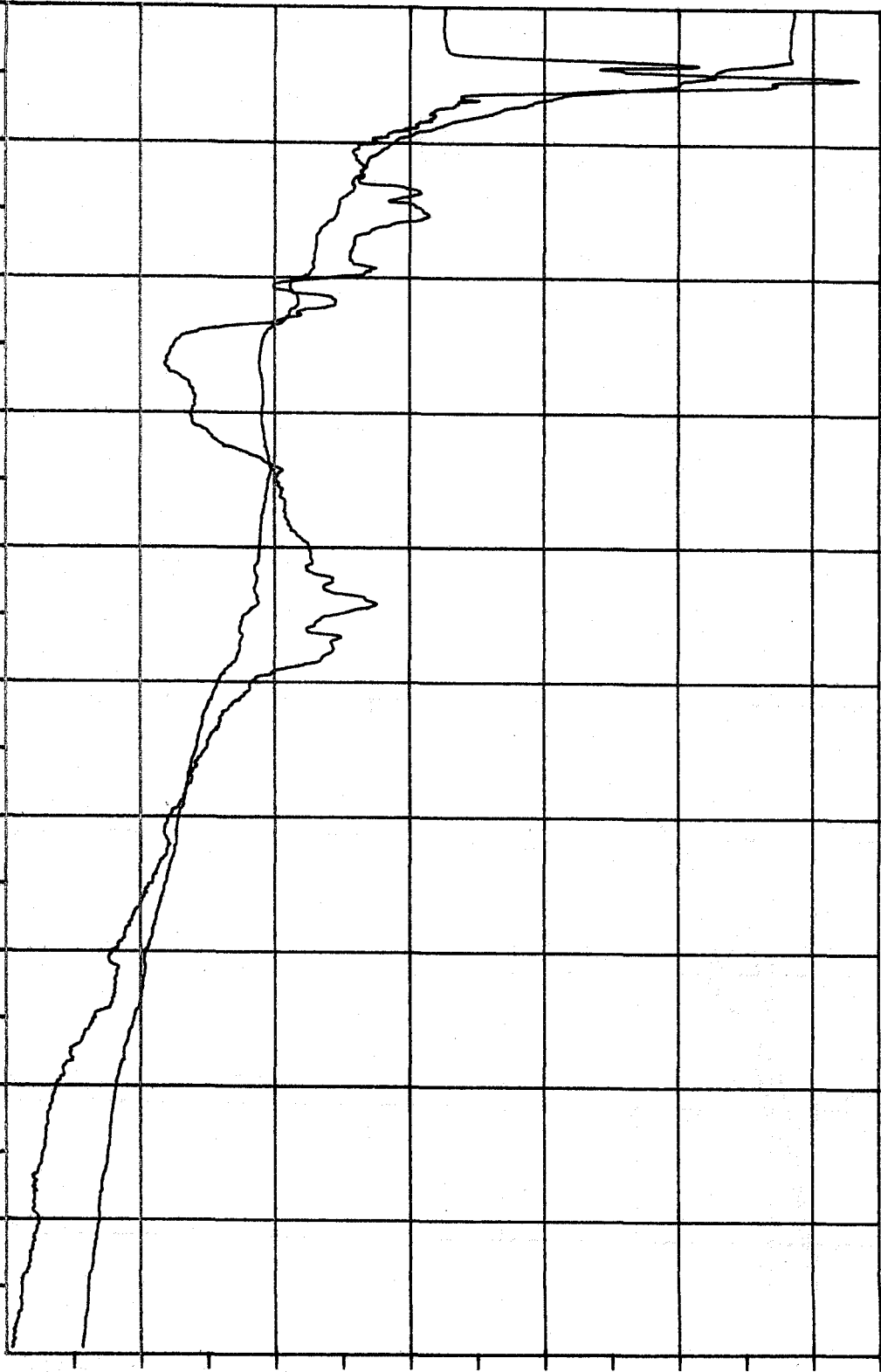
1200

1400

1600

1800

2000



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.80	35.00	35.20	35.40	35.60	35.80	36.00	SAL.FOF

Figure 14

PRES

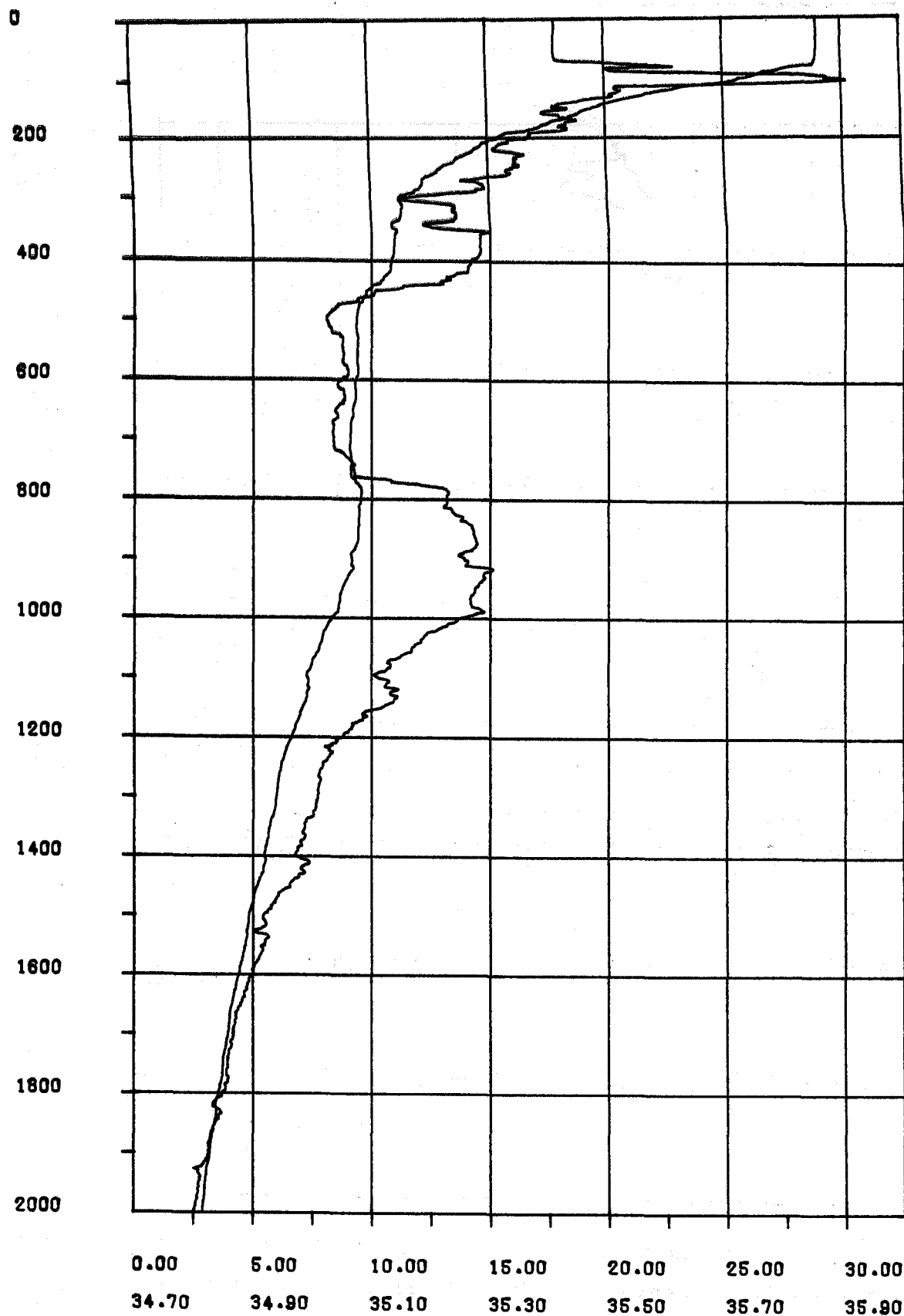


Figure 15

PRES

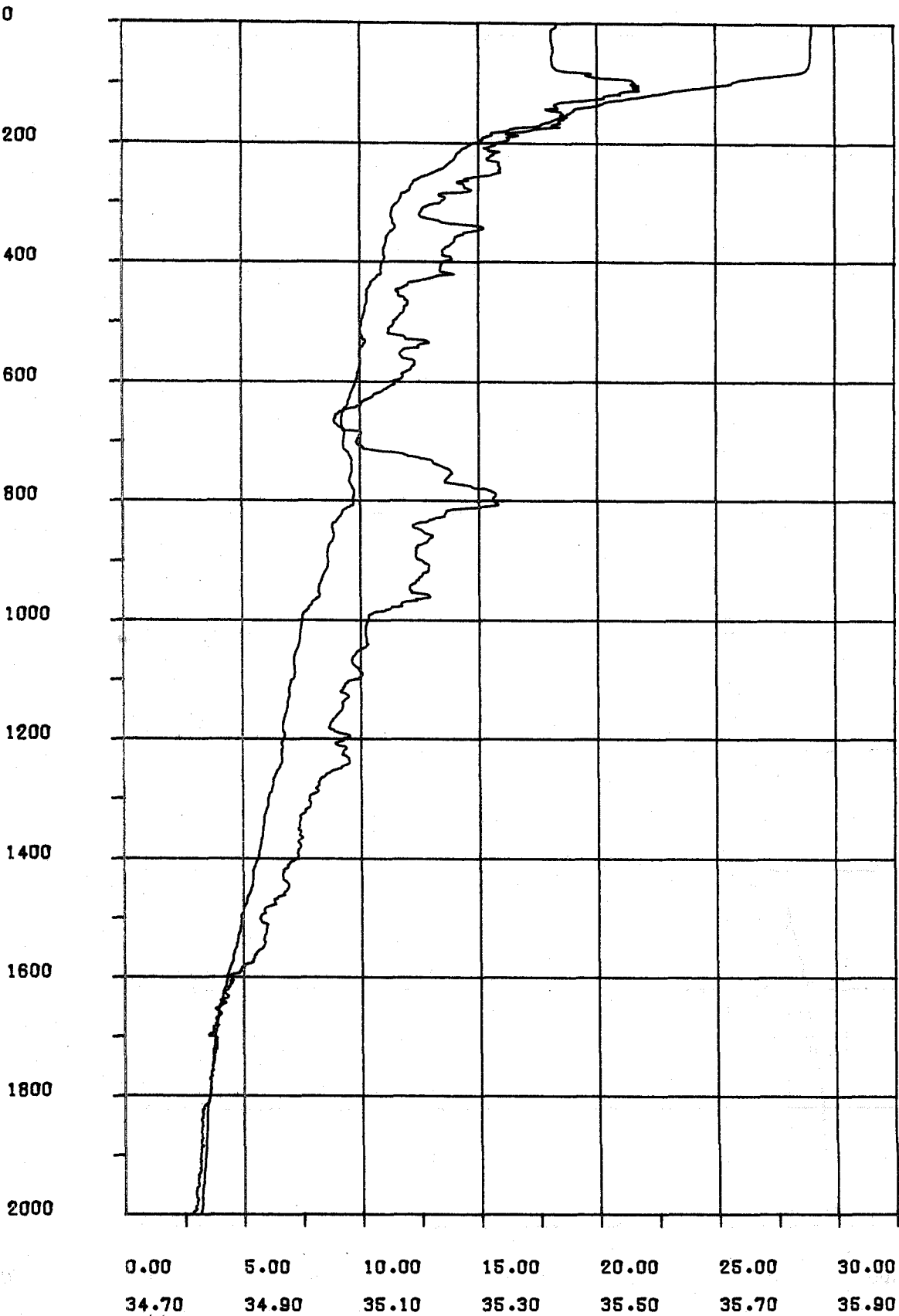


Figure 16

PLOTXY

DISCOVERY 102 STATION 10038

24SEP80

PRES

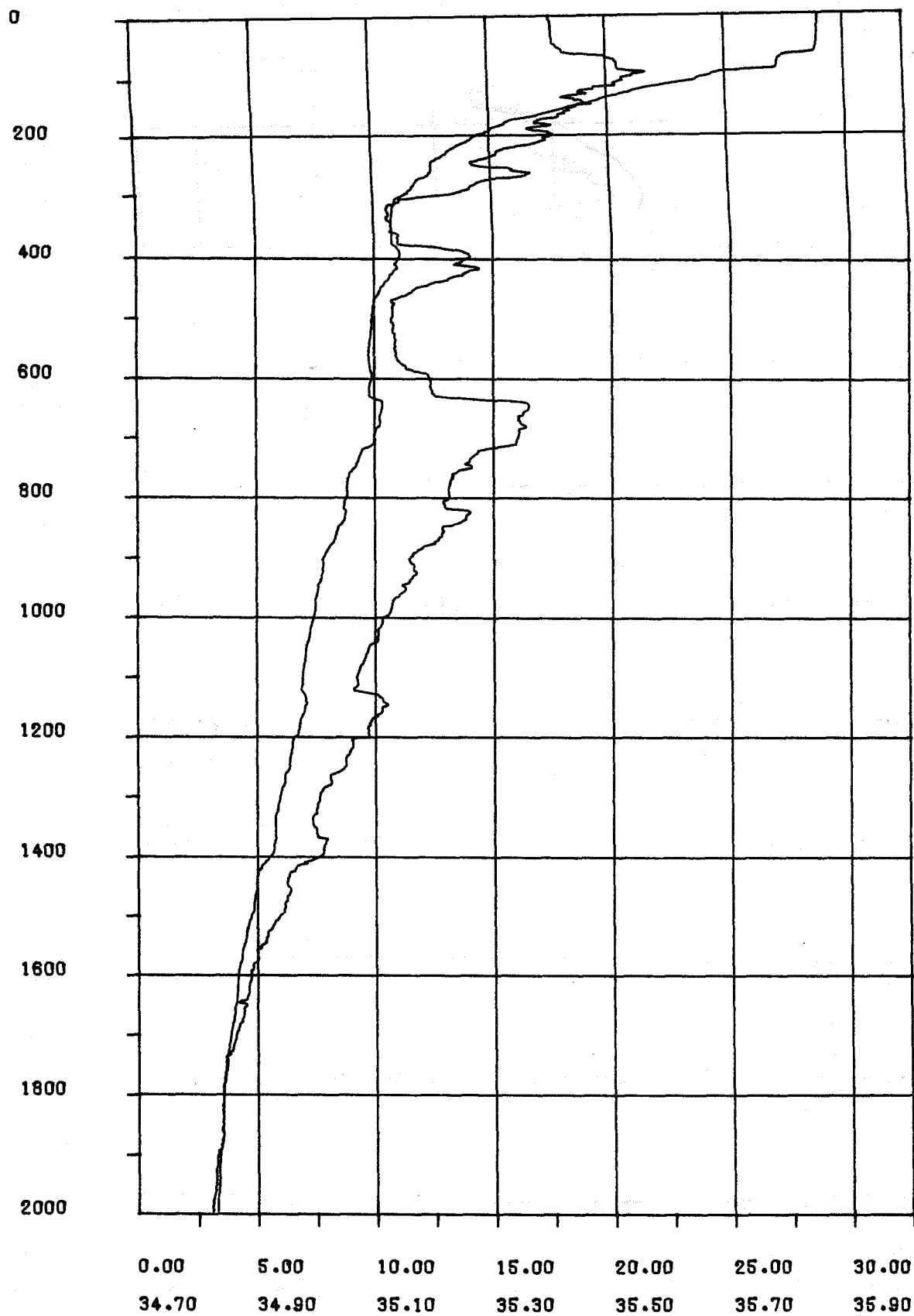


Figure 17

PRES

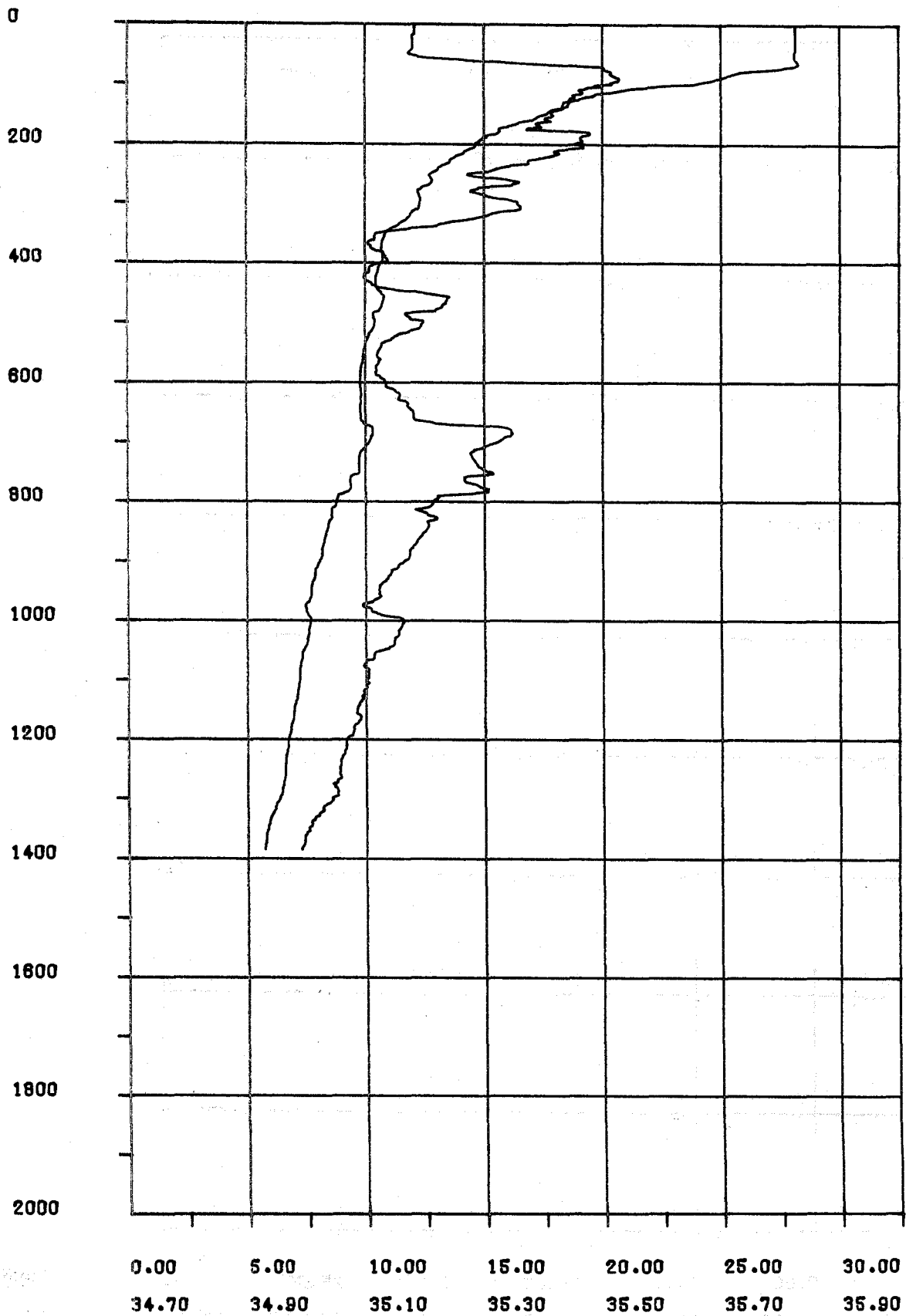


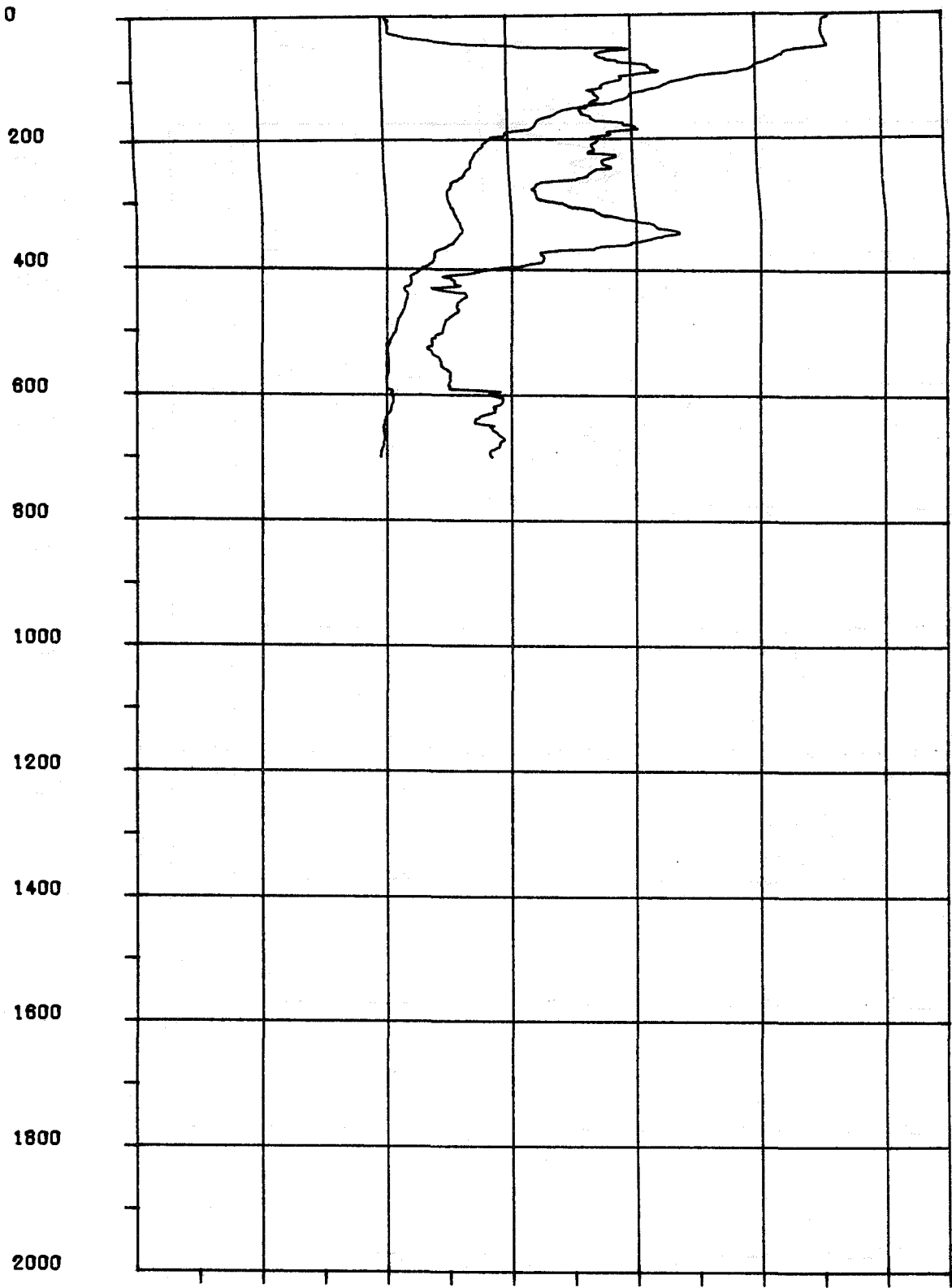
Figure 18

PLOTXY

DISCOVERY 102 STATION 10040

248EP80

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.70	34.90	35.10	35.30	35.50	35.70	35.90	SAL.FOF.

Figure 19

PRES

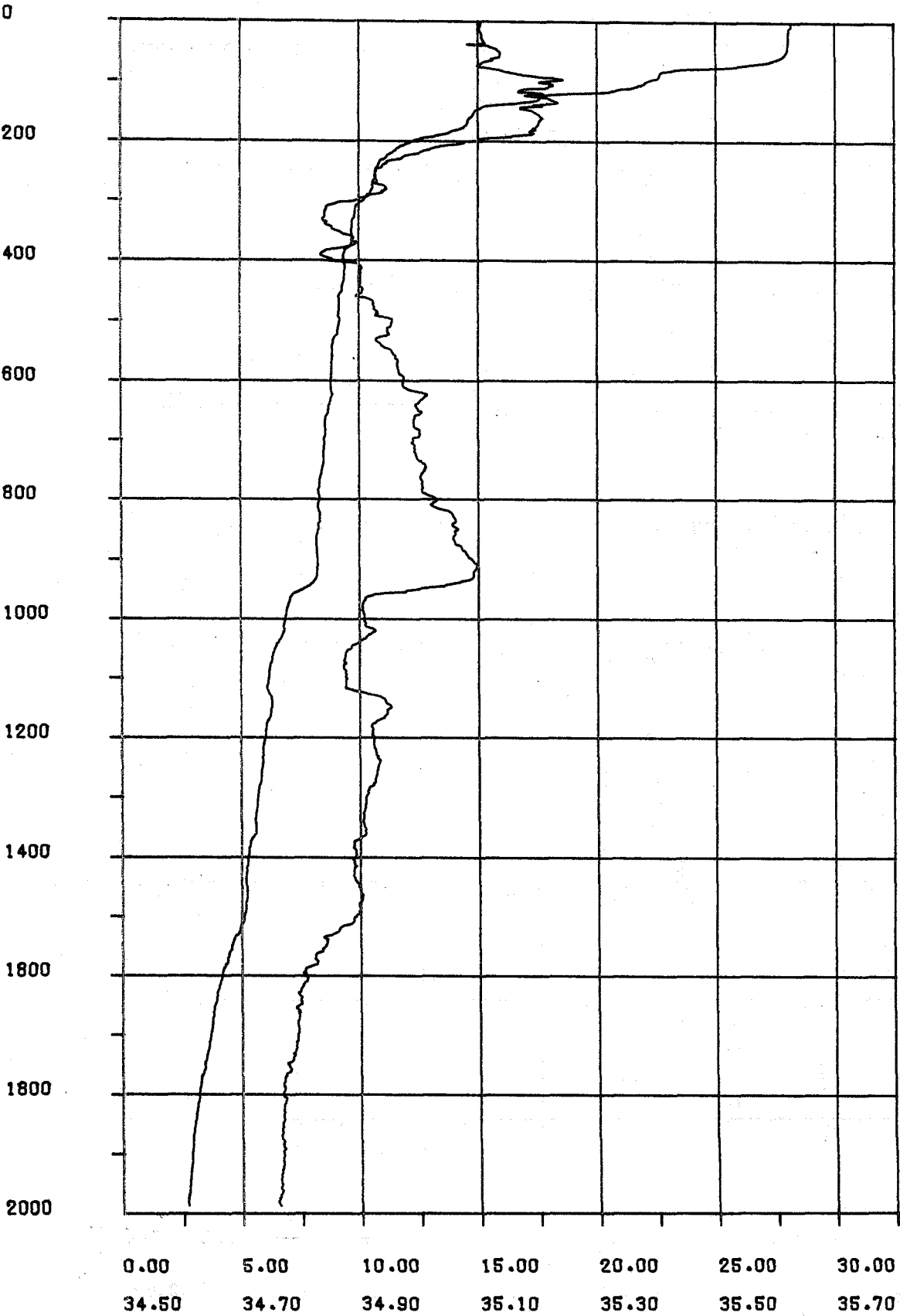


Figure 20

PLOTXY

DISCOVERY 102 STATION 10045

246EP80

PRES

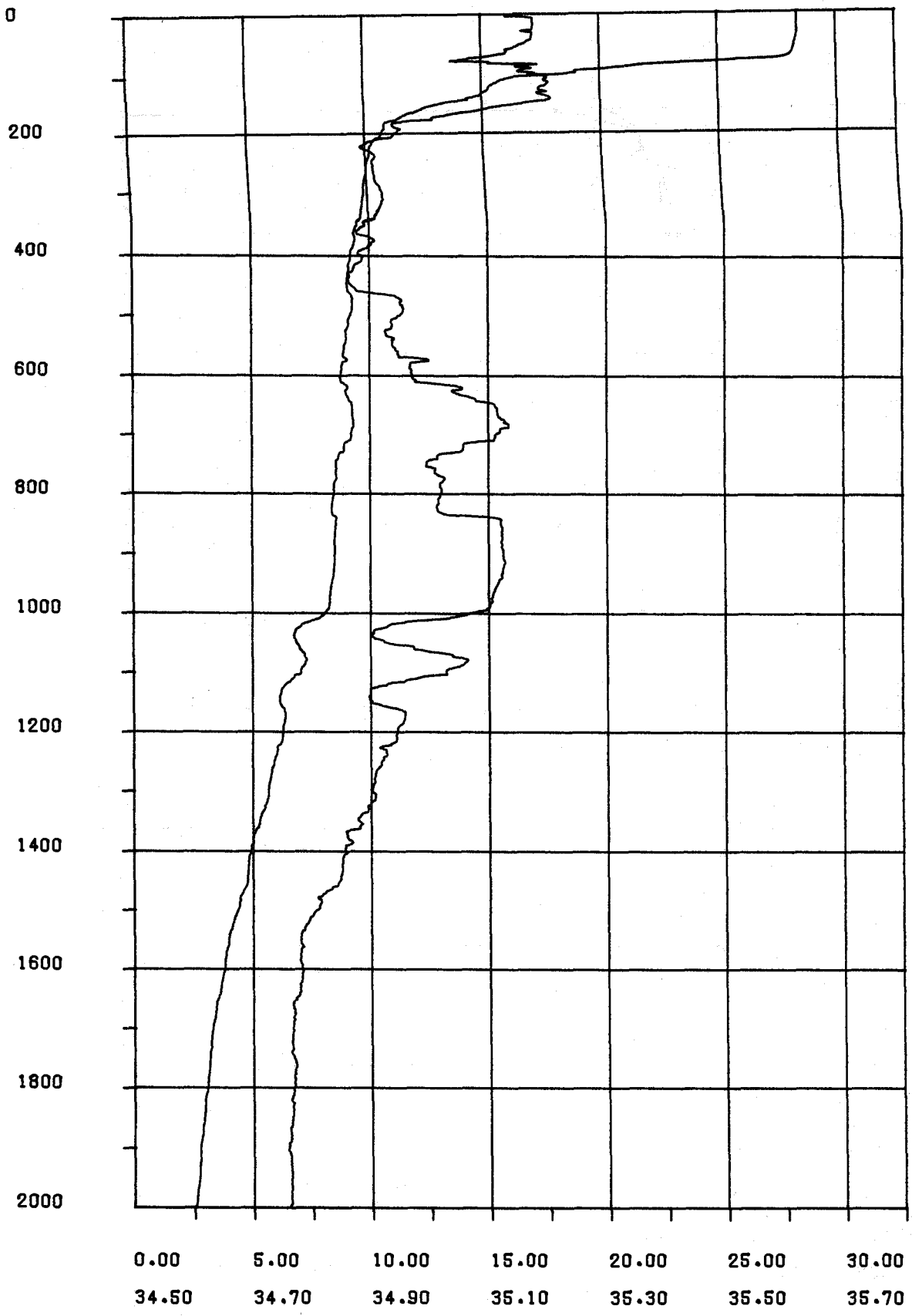


Figure 21

PRES

0

200

400

600

800

1000

1200

1400

1600

1800

2000



0.00

5.00

10.00

15.00

20.00

25.00

30.00

TEMP

34.50

34.70

34.90

35.10

35.30

35.50

35.70

SAL.FOF.

Figure 22

PLOTXY

DISCOVERY 102

STATION 10047

24SEP80

PRES

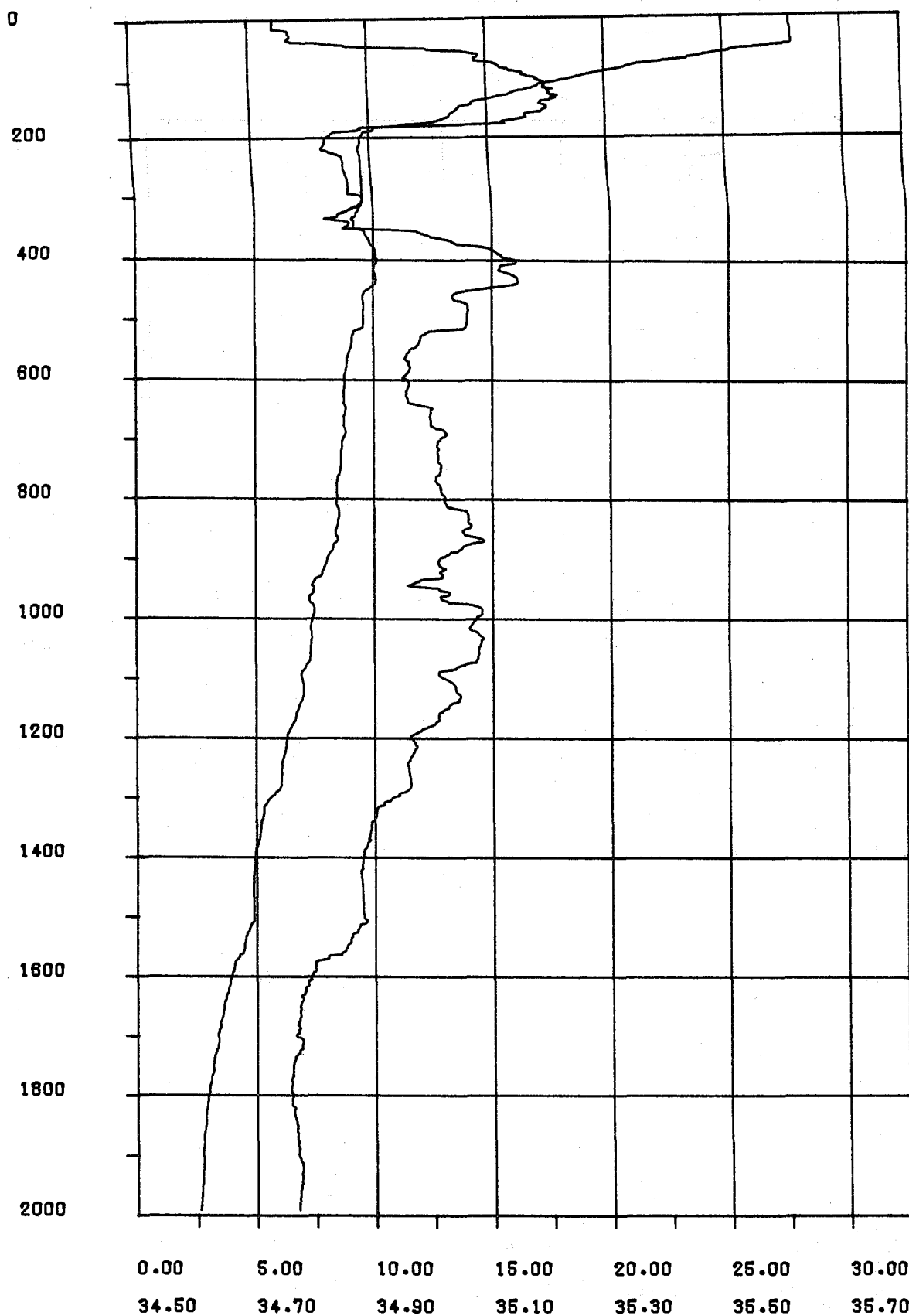


Figure 23

PRES

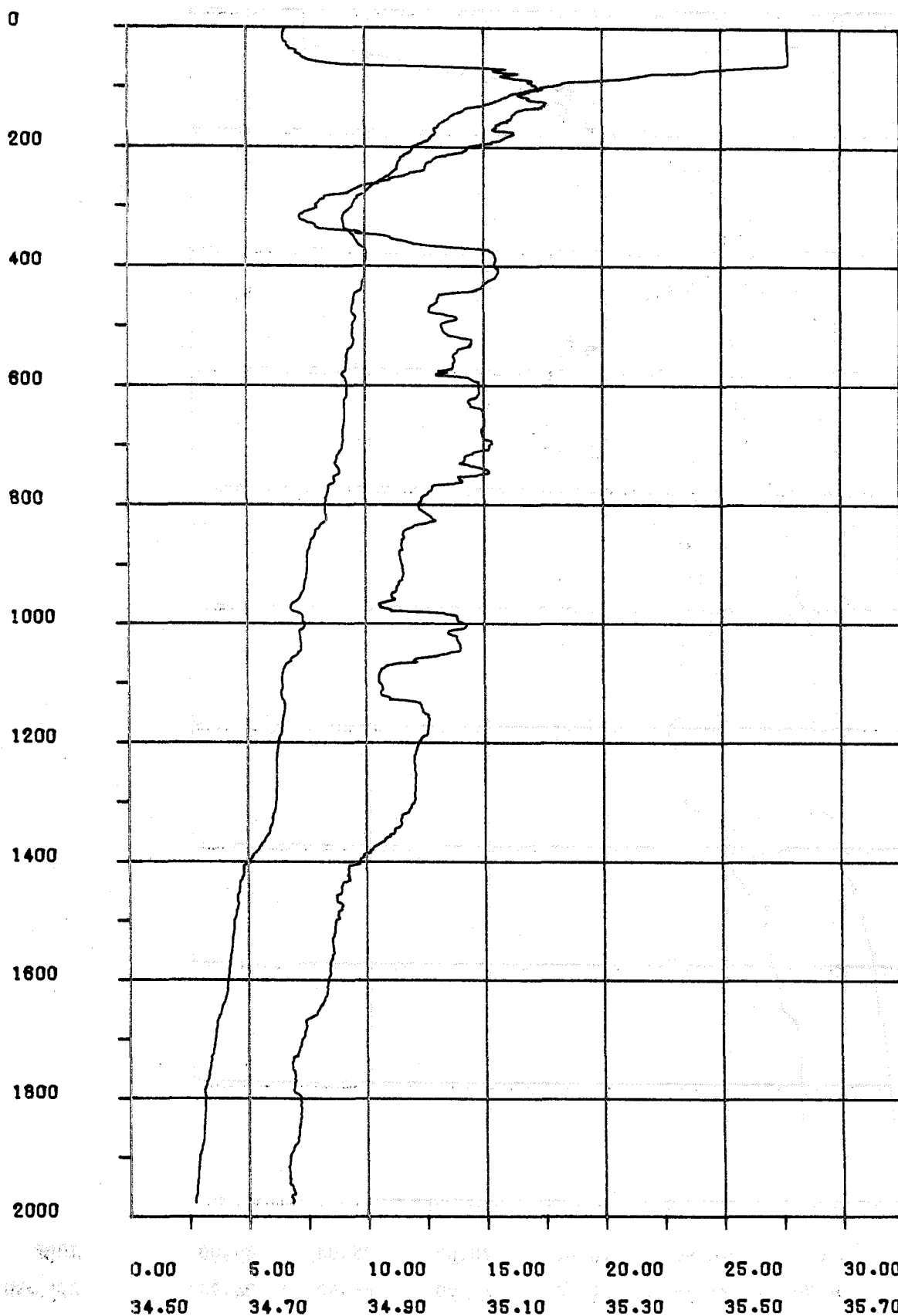


Figure 24

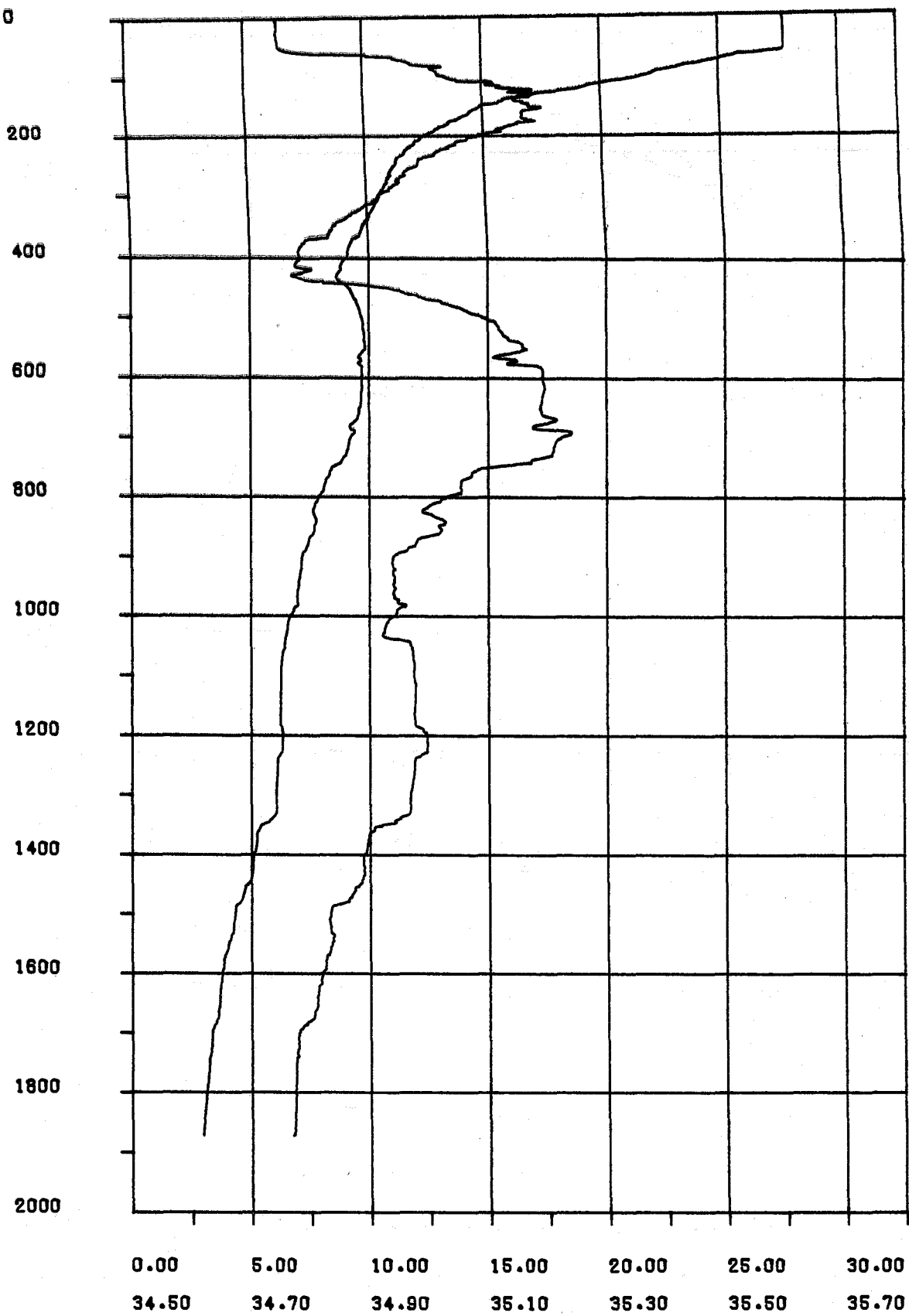
.OTXY

DISCOVERY 102

STATION 10049

24SEP80

PRES



TEMP
SAL.FOF.

Figure 25

PLOTXY

DISCOVERY 102 STATION 10050

246EP80

PRES

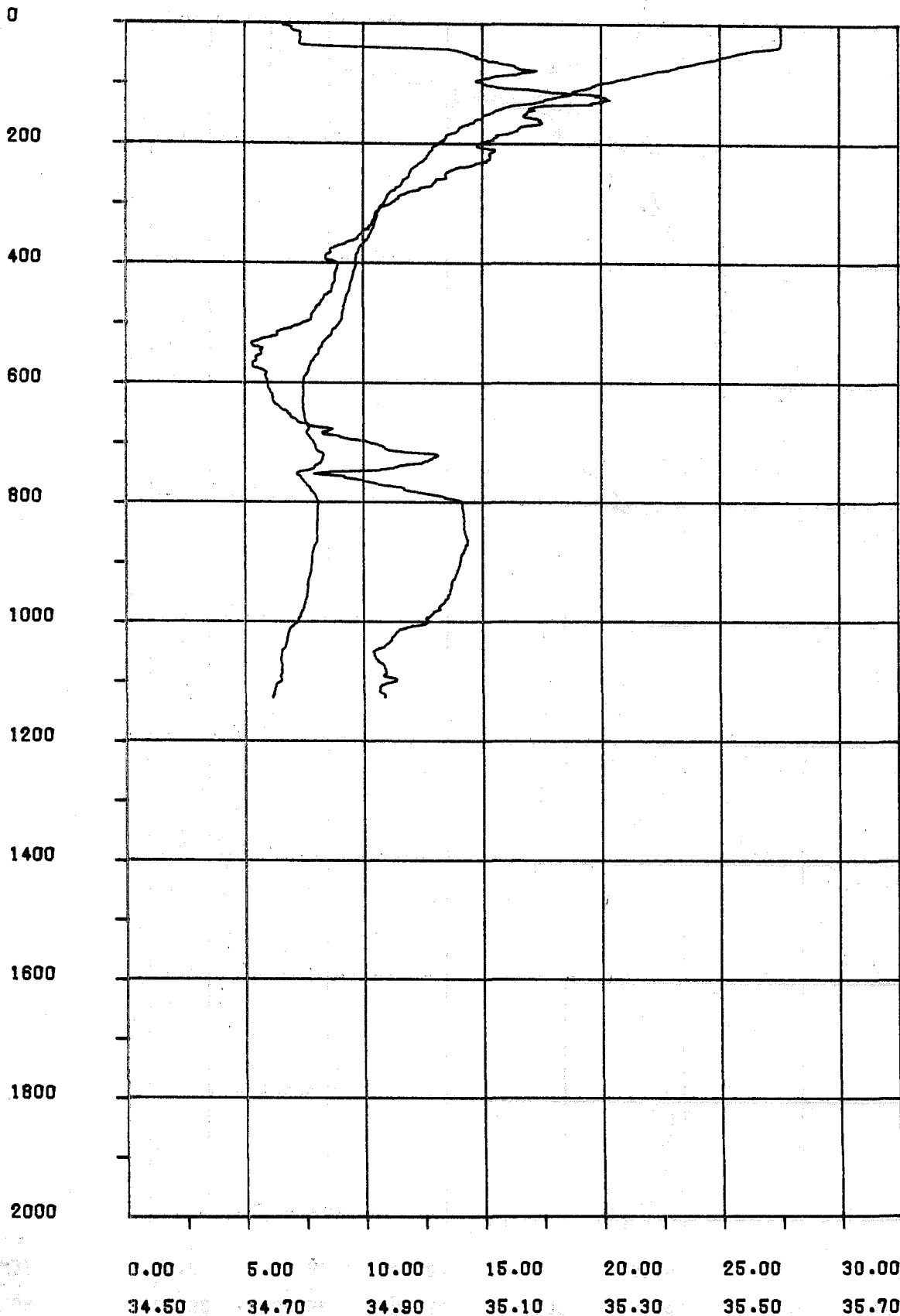


Figure 26

PLOTXY

DISCOVERY 102 STATION 10051

246EP80

PRES

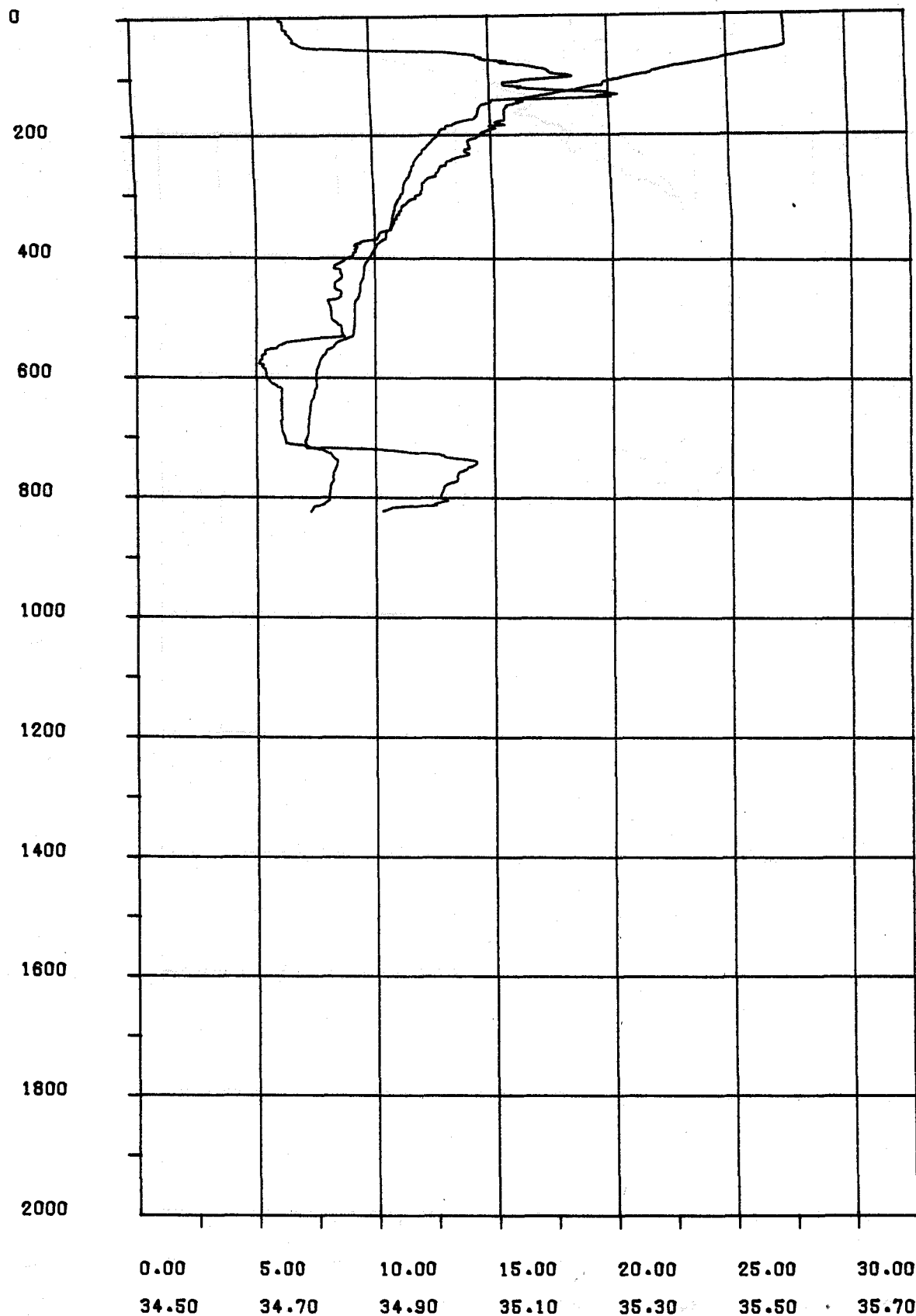
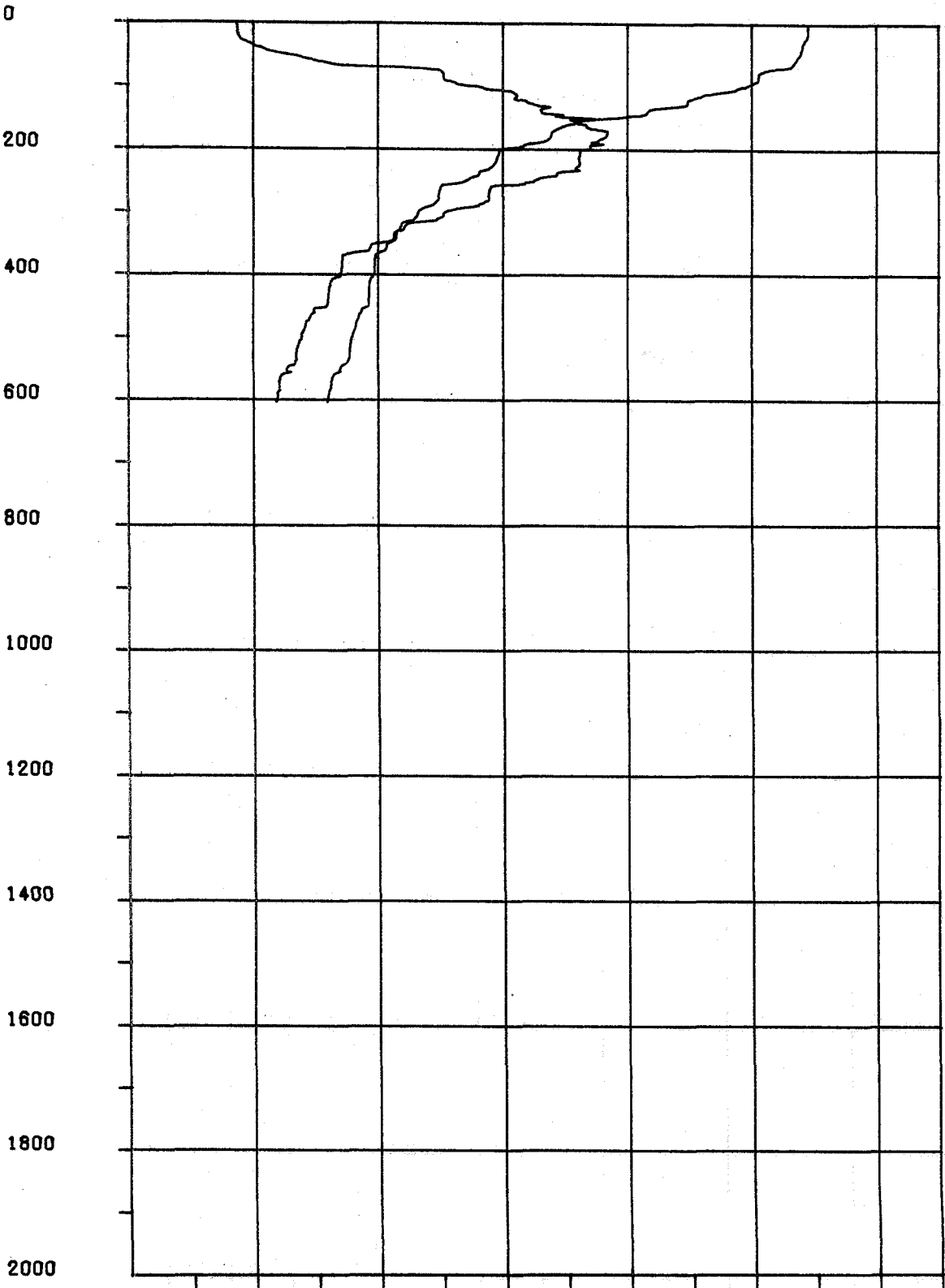


Figure 27

PRES

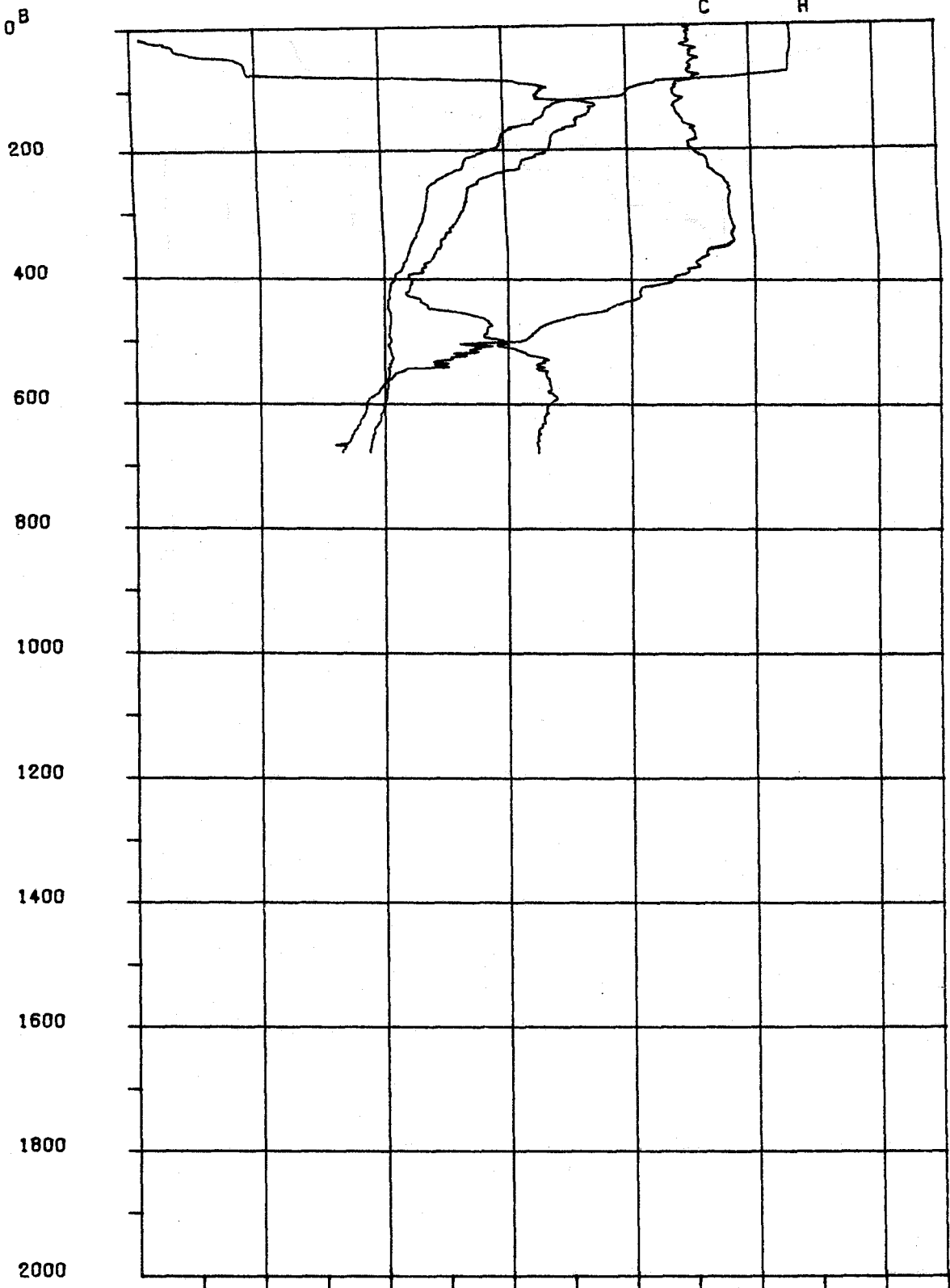


0.00 5.00 10.00 15.00 20.00 25.00 30.00
34.50 34.70 34.90 35.10 35.30 35.50 35.70

TEMP
SAL.F0F.

Figure 28

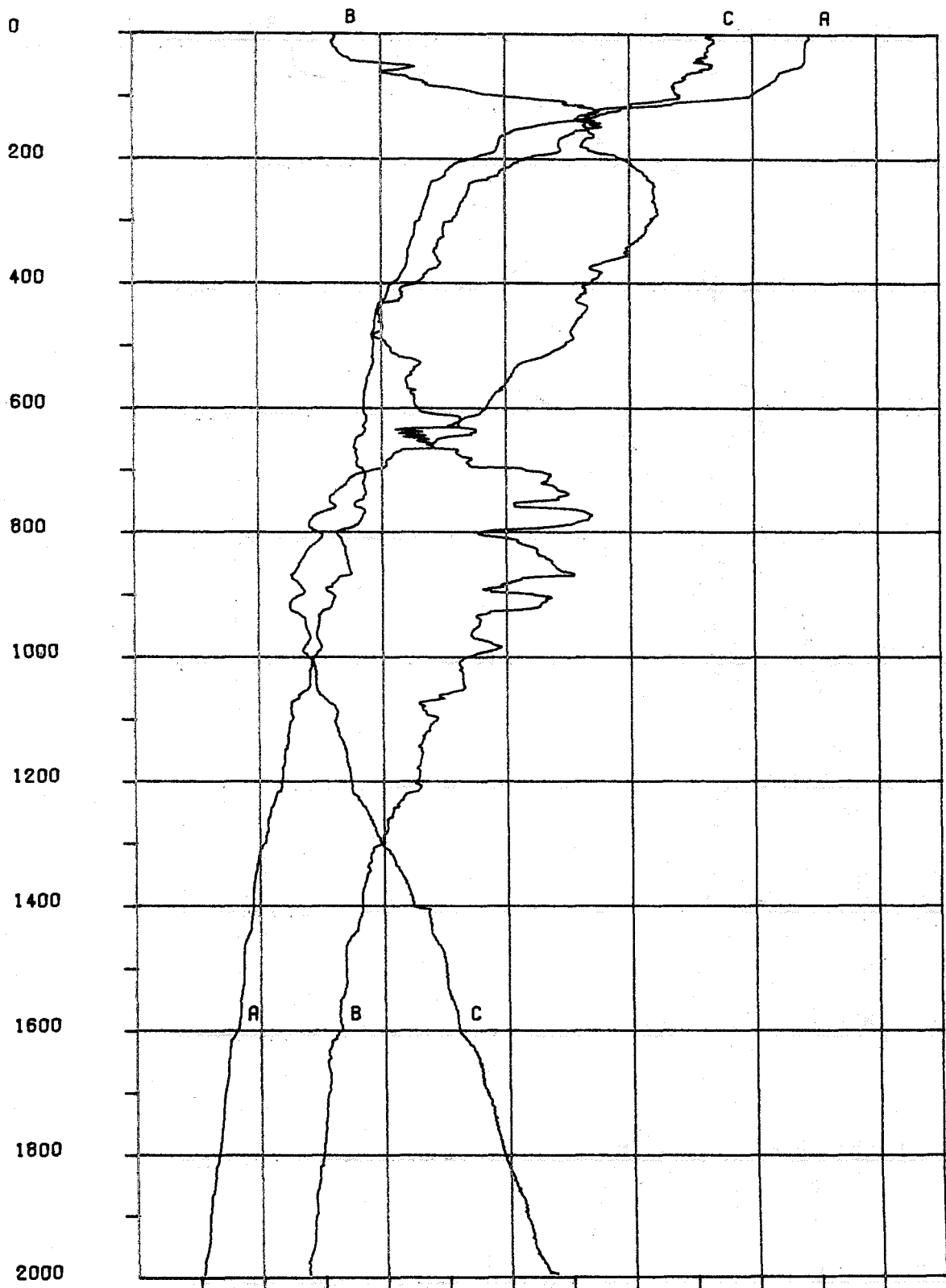
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 29

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

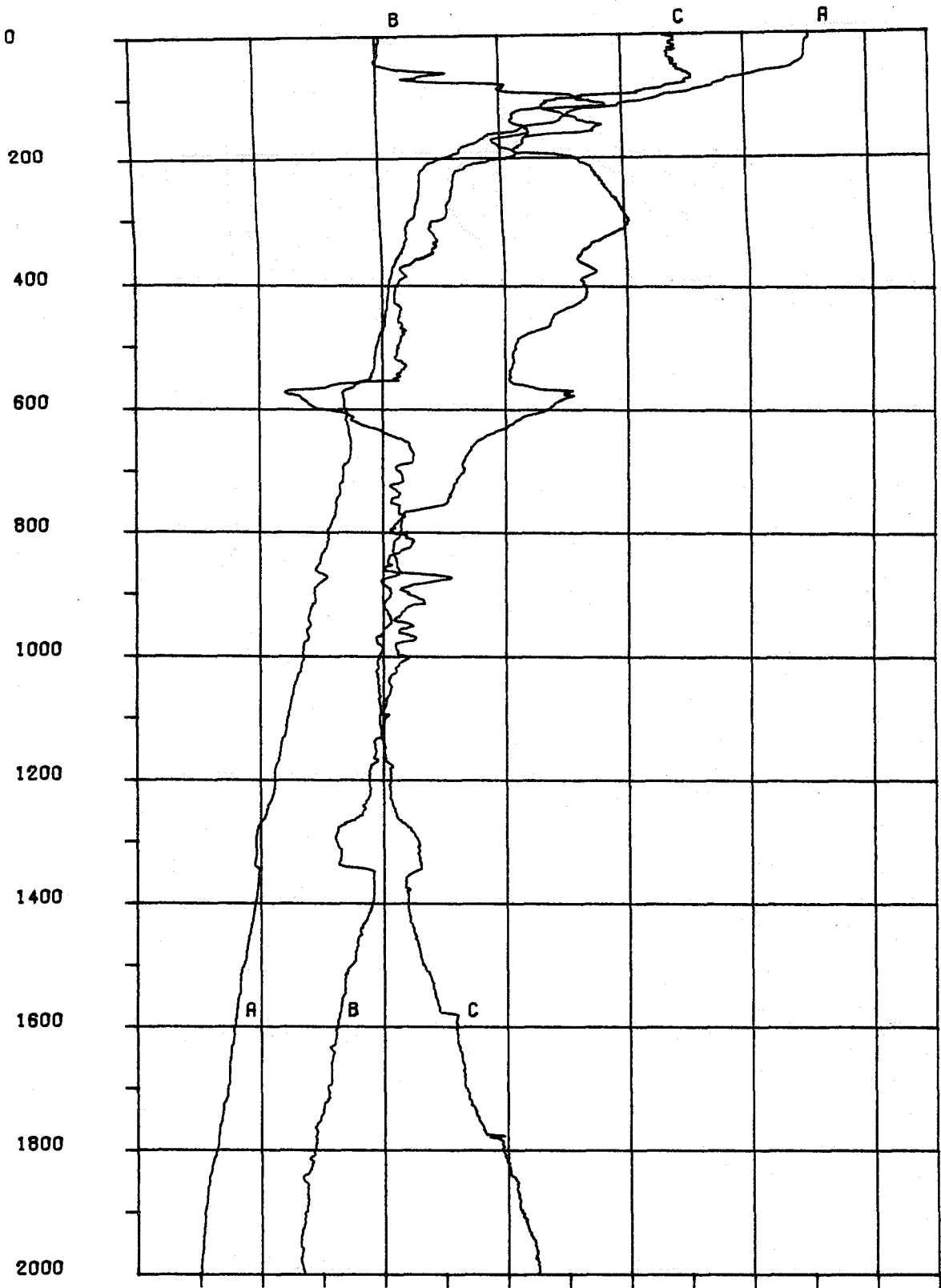
Figure 30

PLOTXY

DISCOVERY 102 STATION 10056

21JAN80

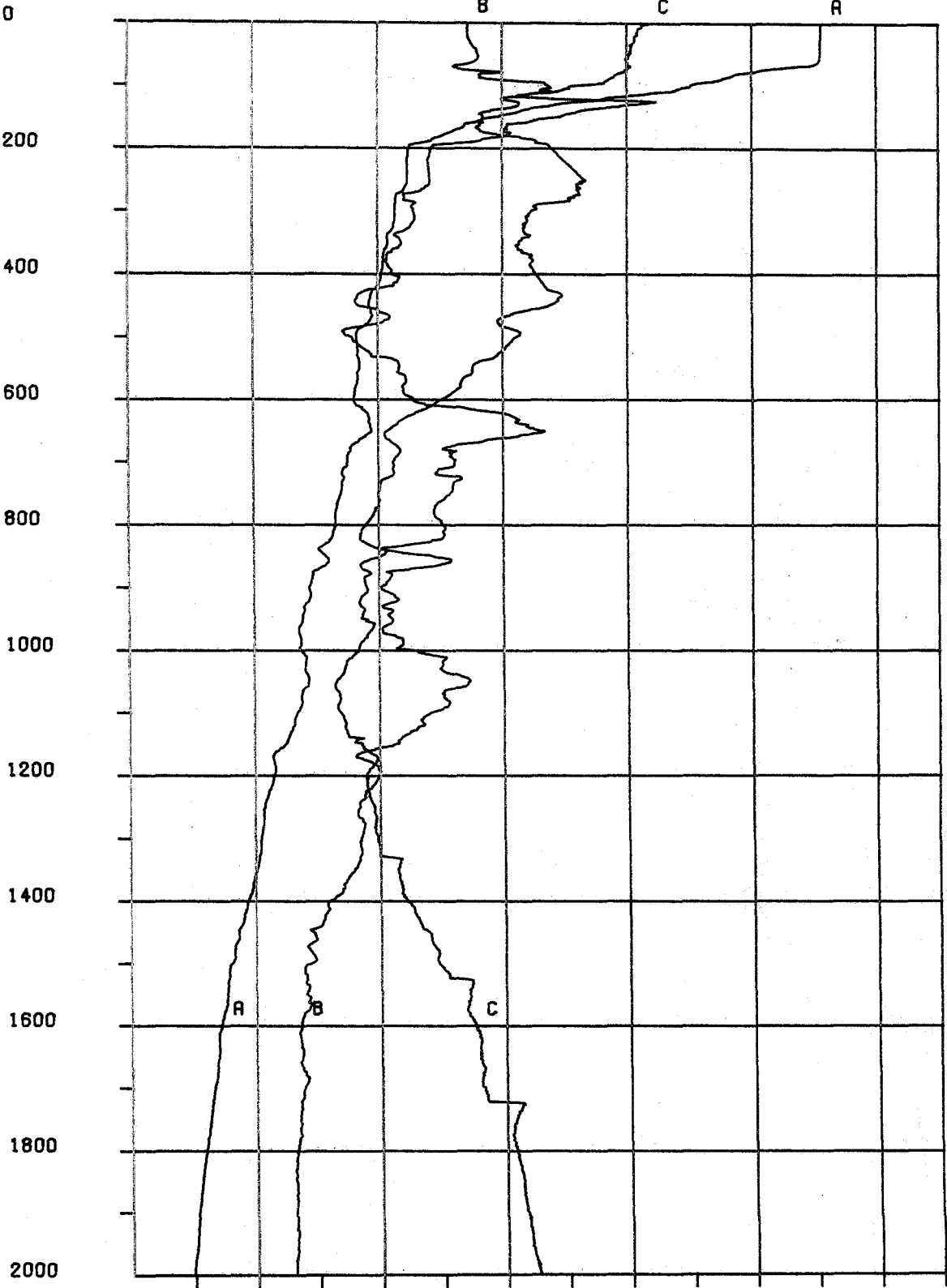
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 31

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 32

PRES

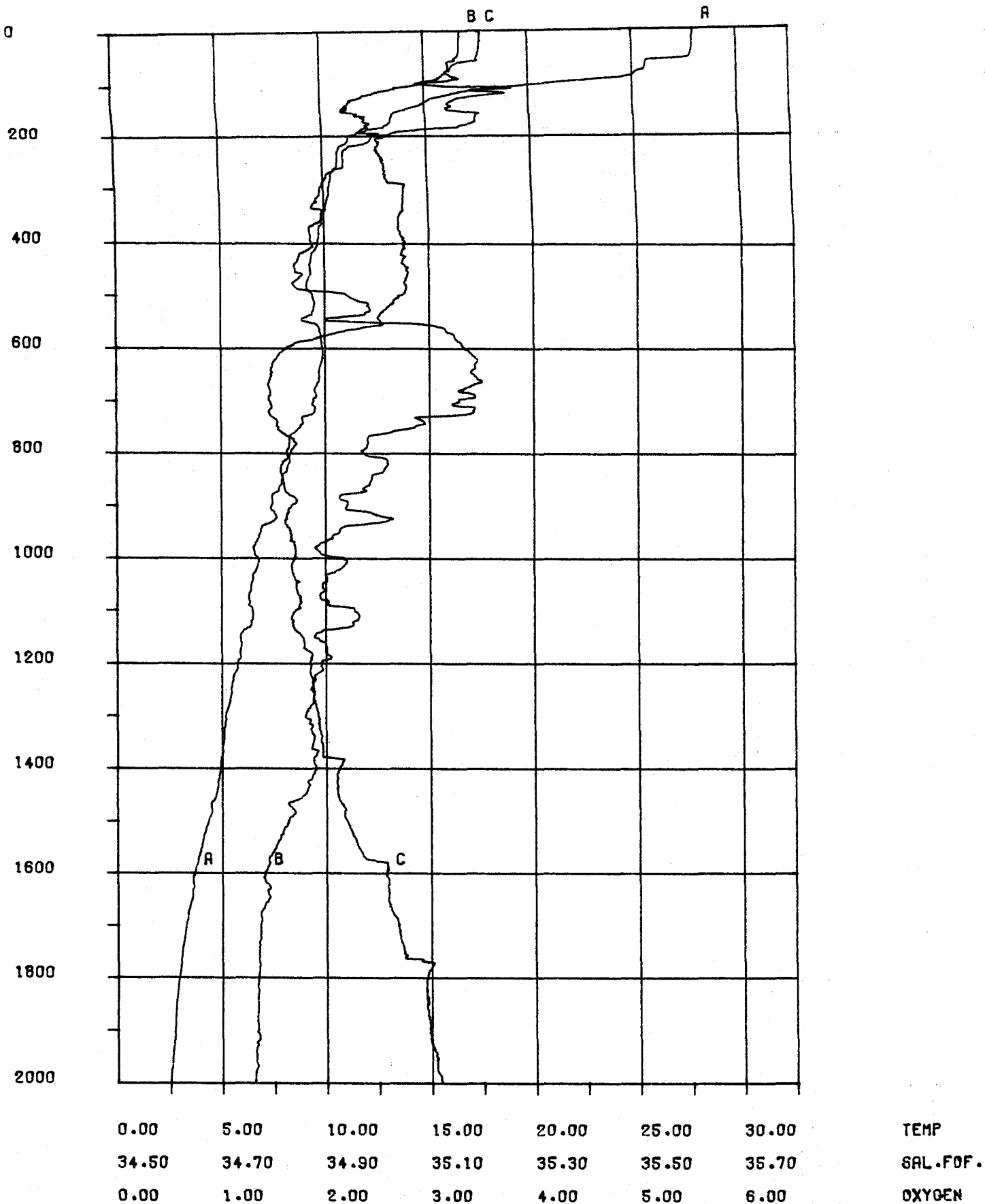
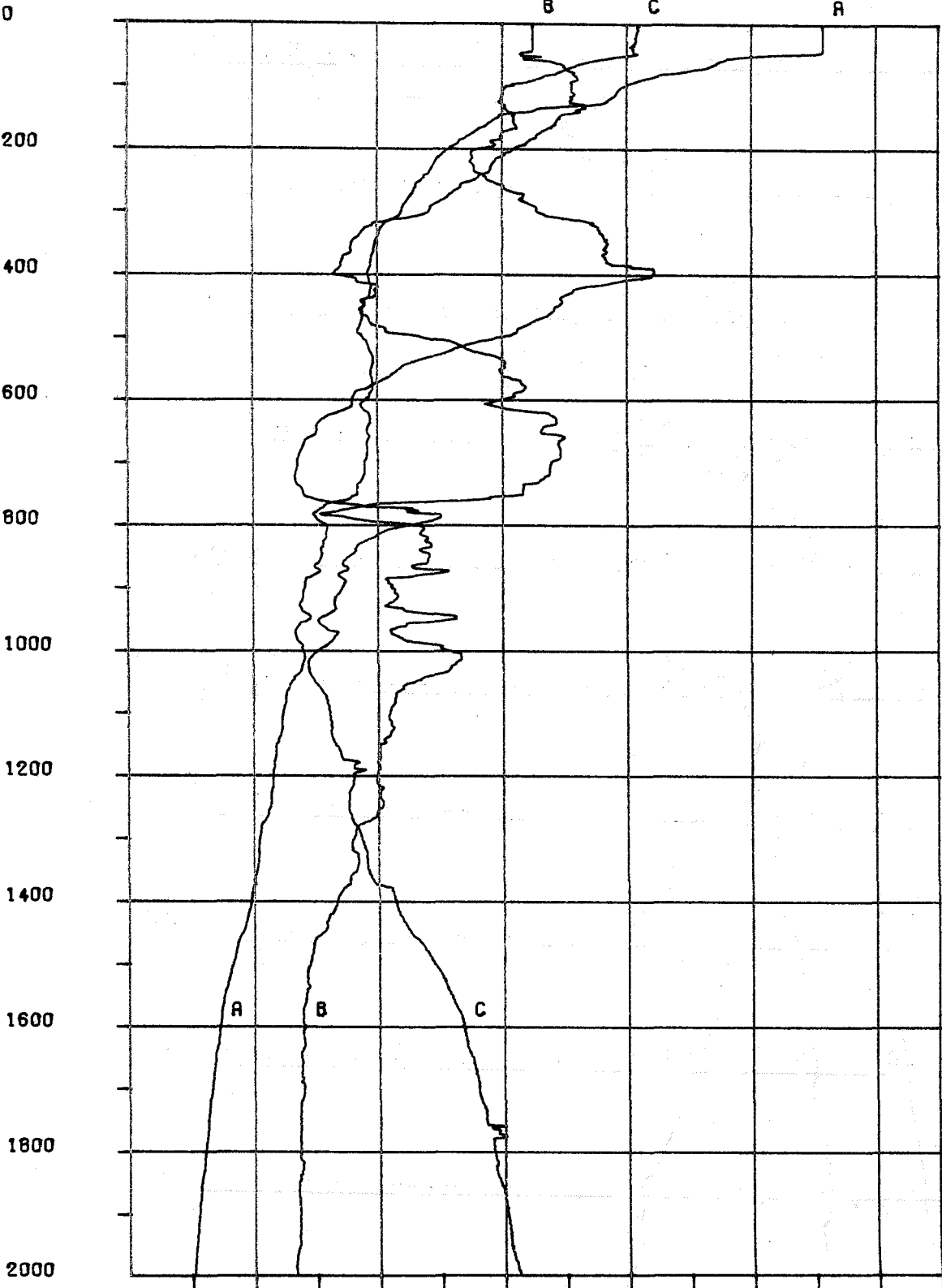


Figure 33

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 34

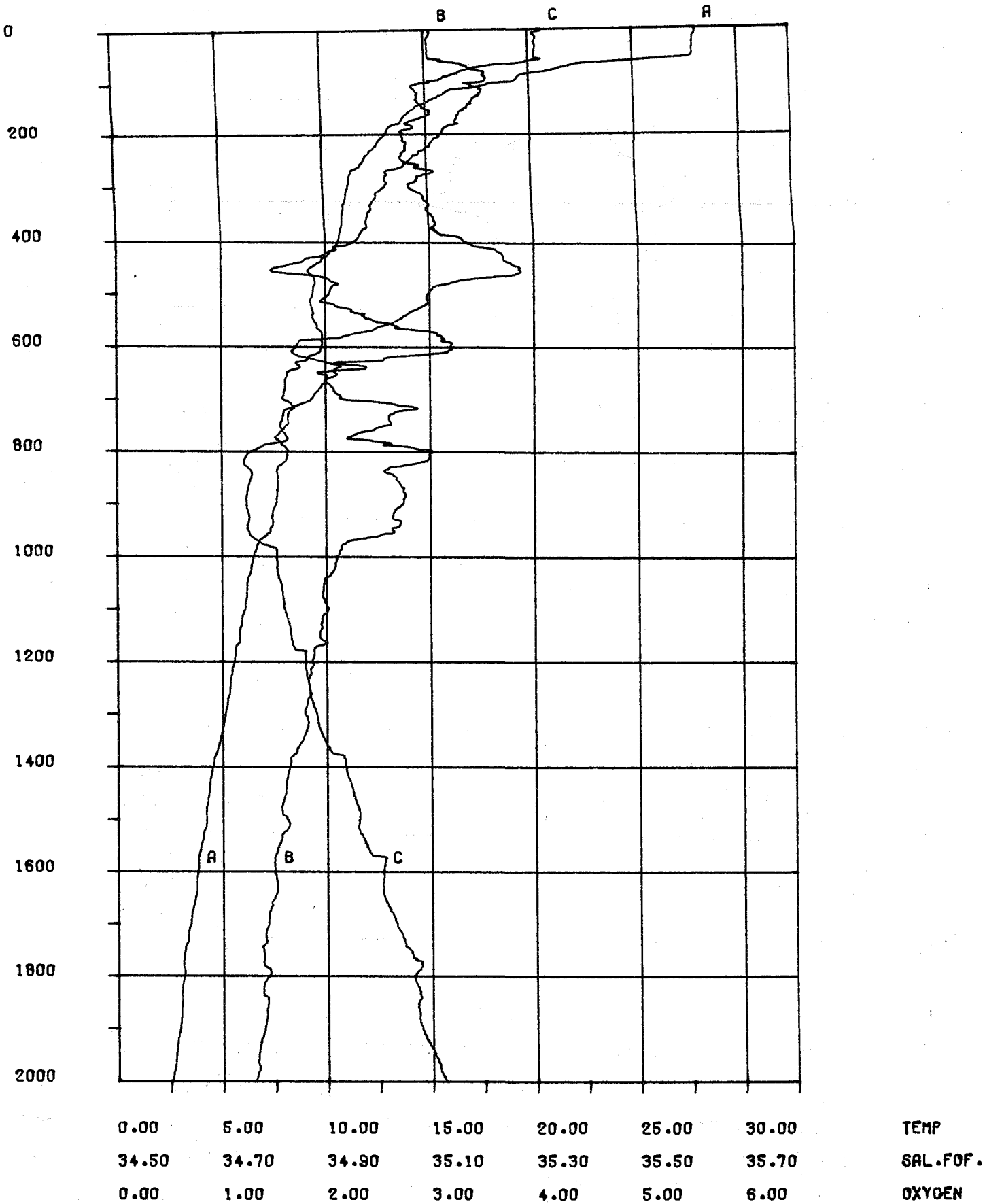


Figure 35

PRES

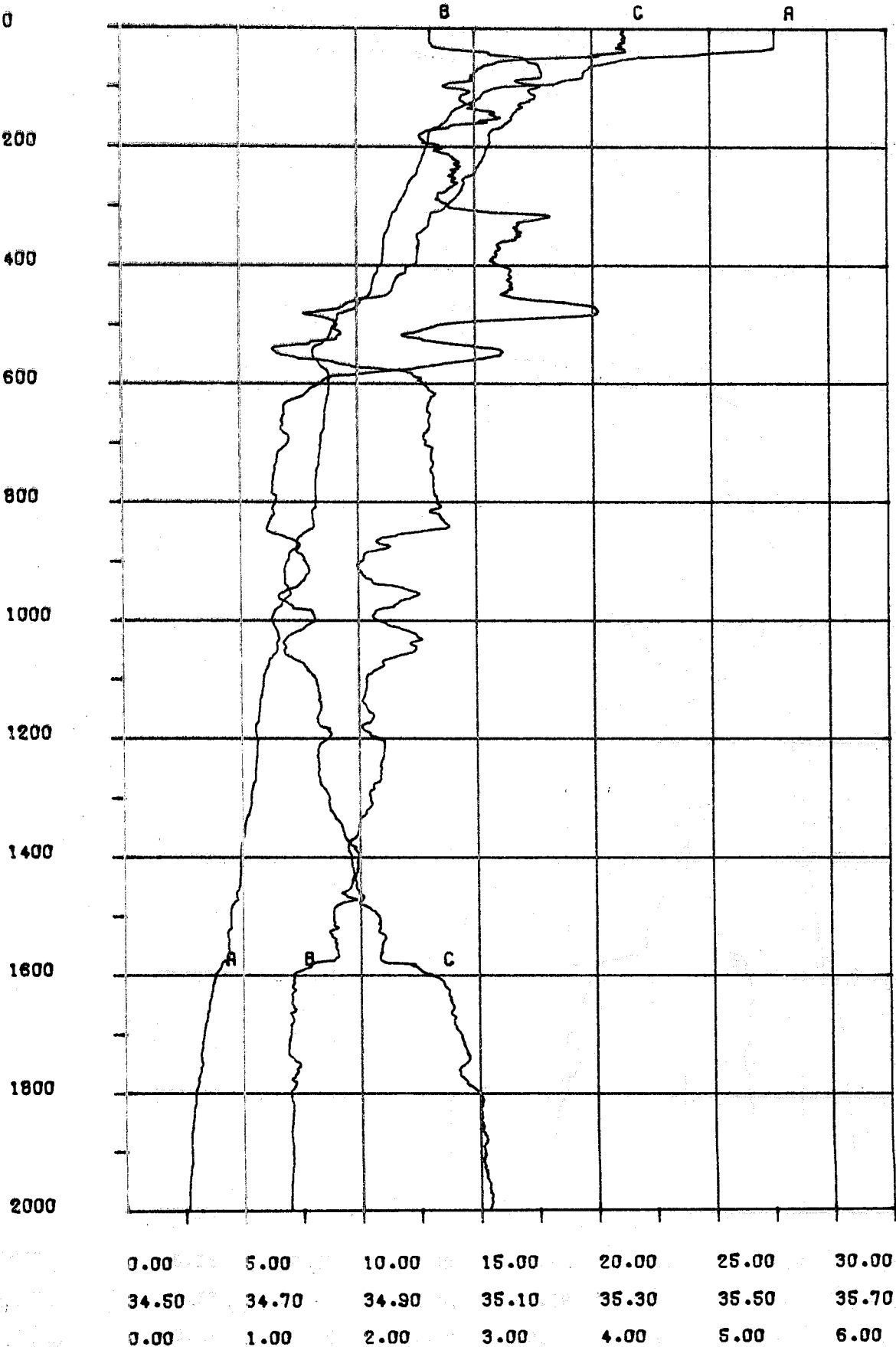
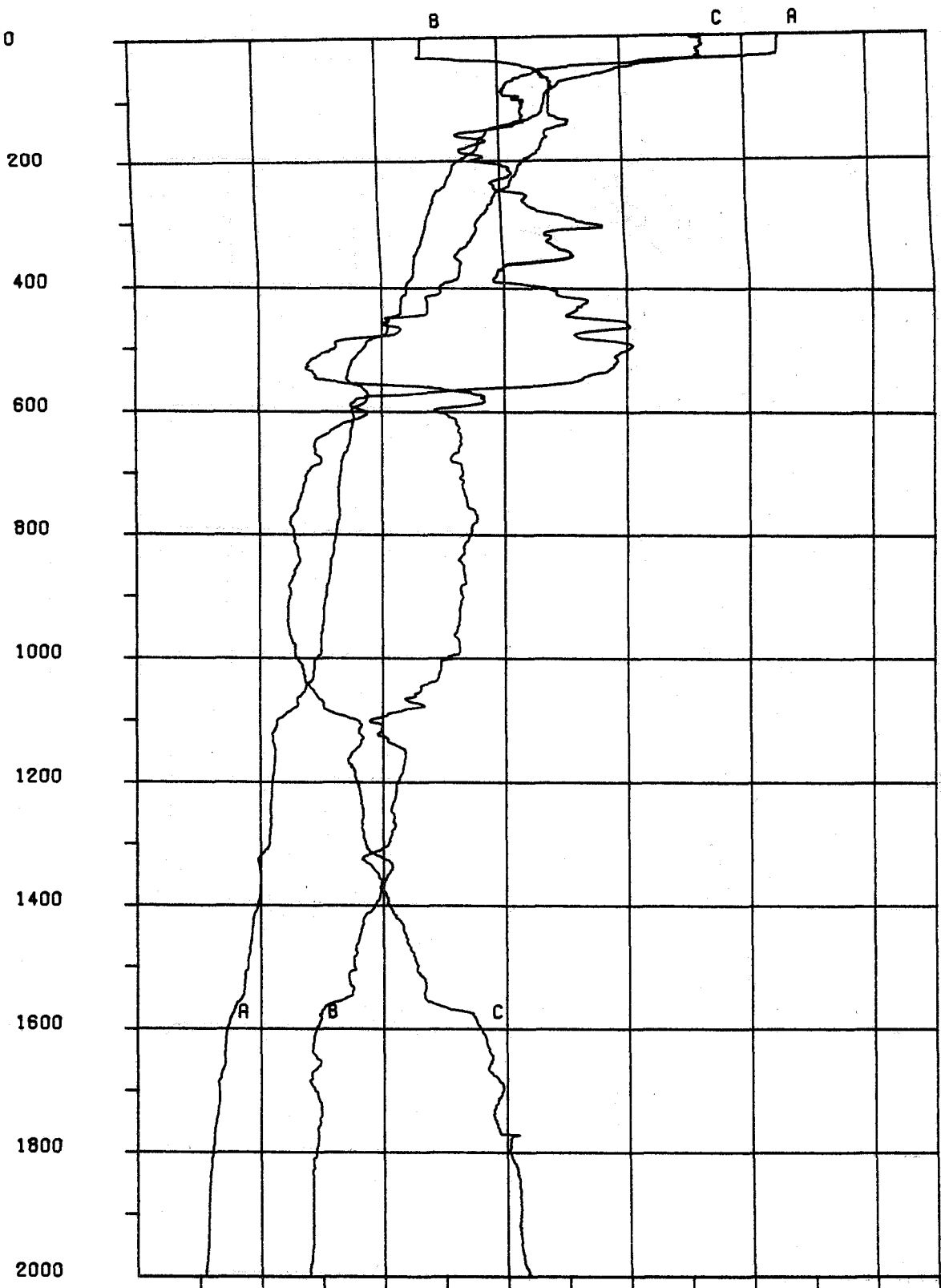


Figure 36

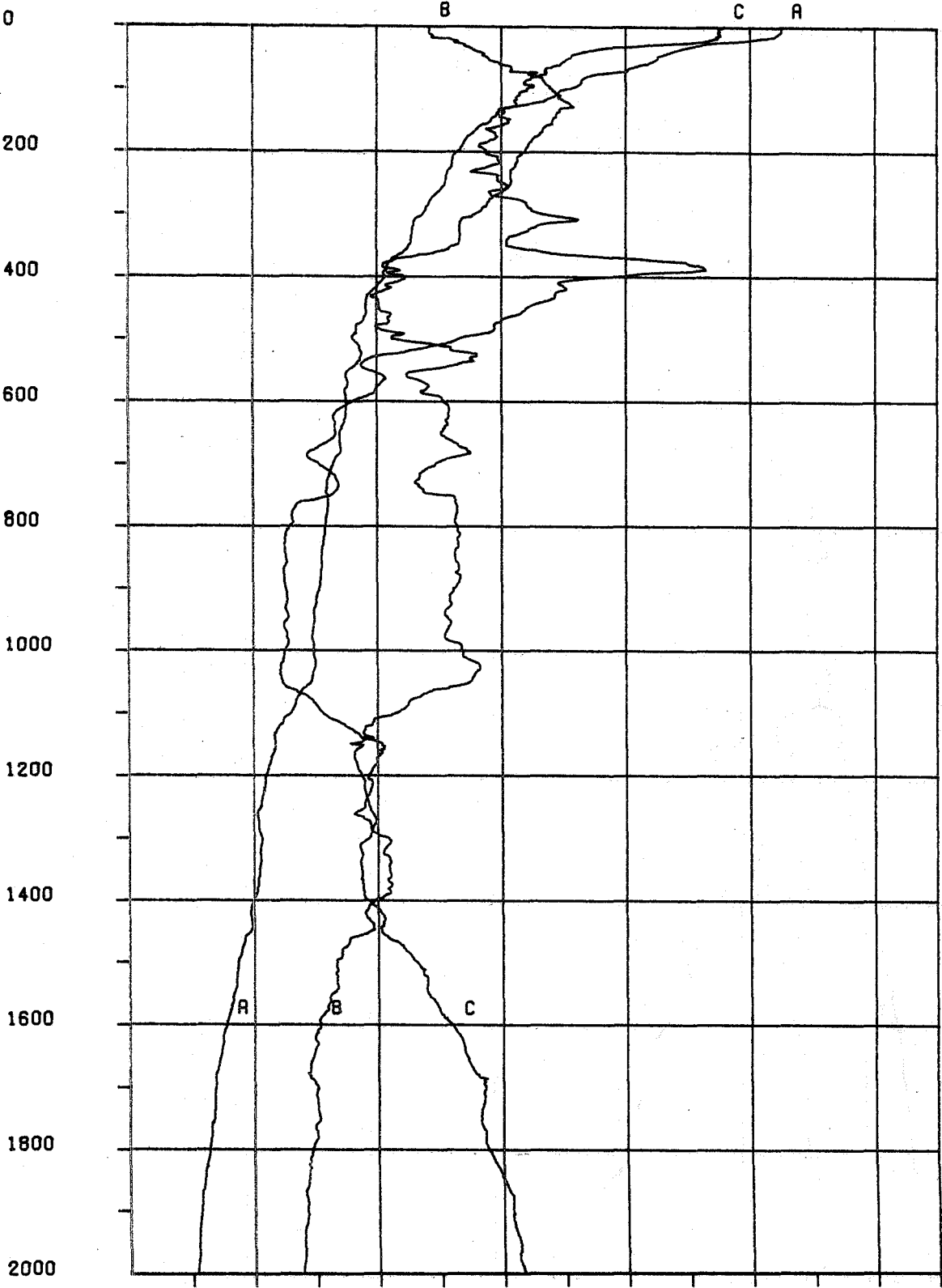
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 37

PRES

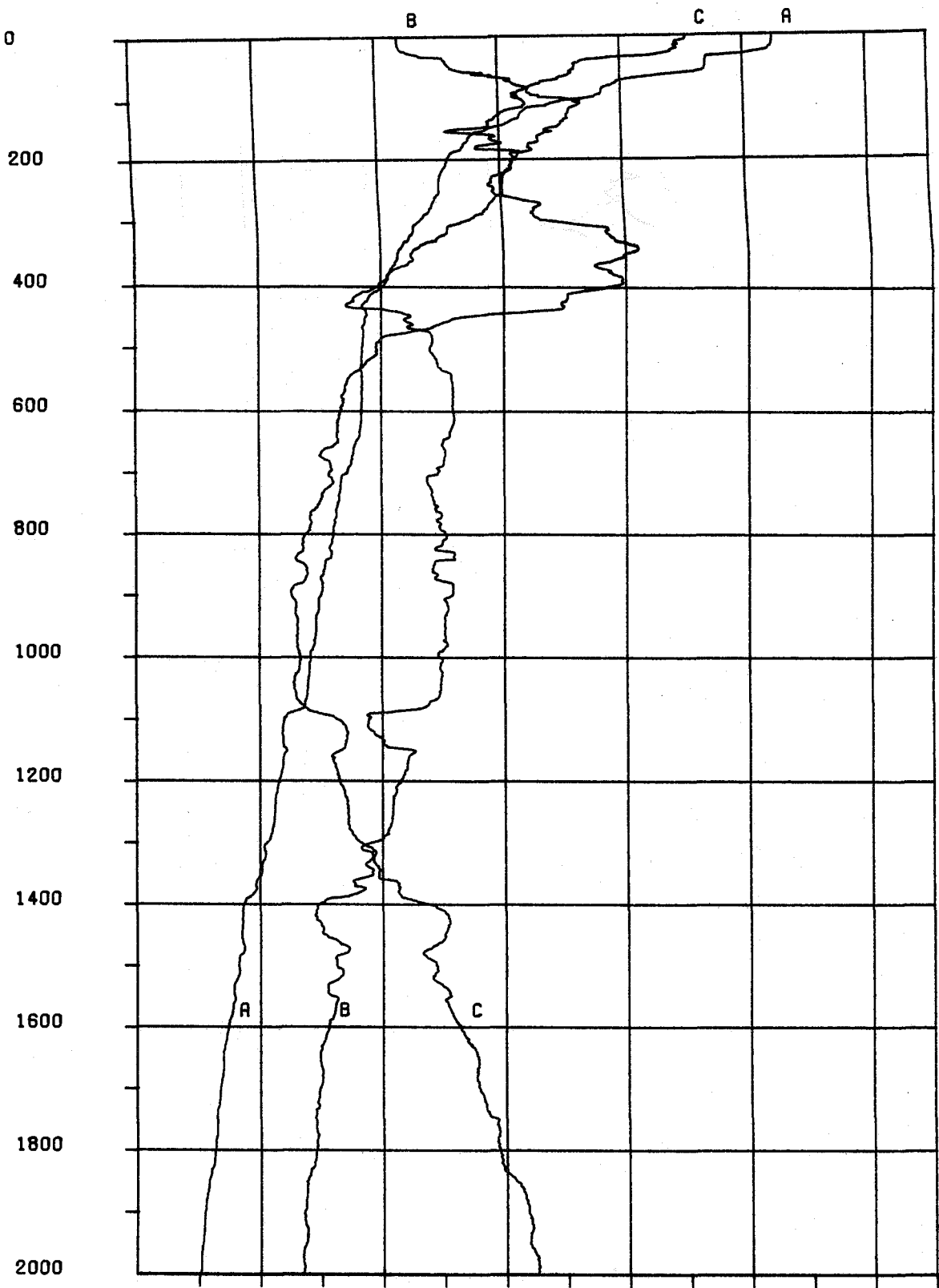


0.00	5.00	10.00	15.00	20.00	25.00	30.00
34.50	34.70	34.90	35.10	35.30	35.50	35.70
0.00	1.00	2.00	3.00	4.00	5.00	6.00

TEMP
SAL.FOF.
OXYGEN

Figure 38

PRES

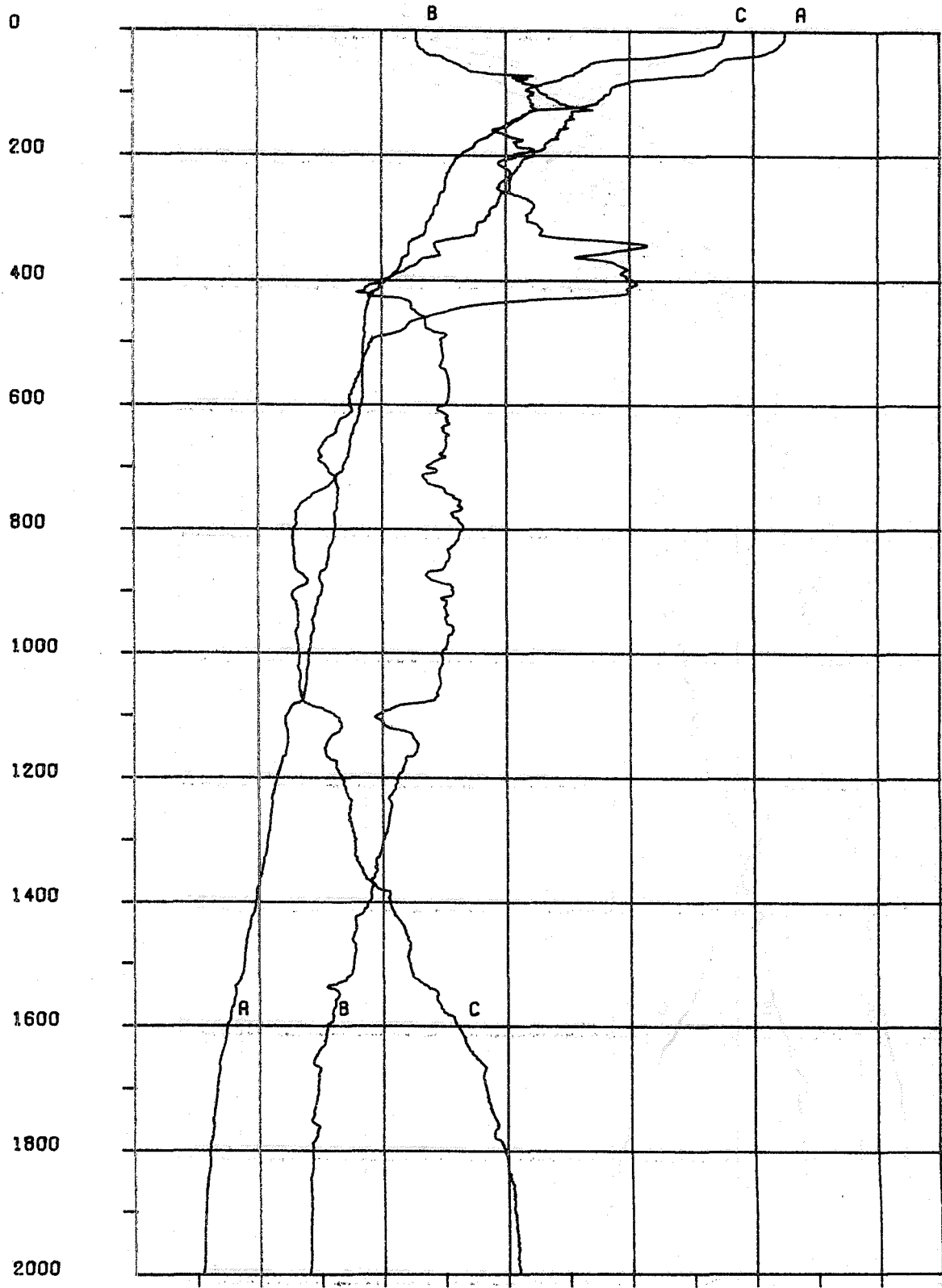


0.00	5.00	10.00	15.00	20.00	25.00	30.00
34.50	34.70	34.90	35.10	35.30	35.50	35.70
0.00	1.00	2.00	3.00	4.00	5.00	6.00

TEMP
SAL.FOF.
OXYGEN

Figure 39

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 40

PRES

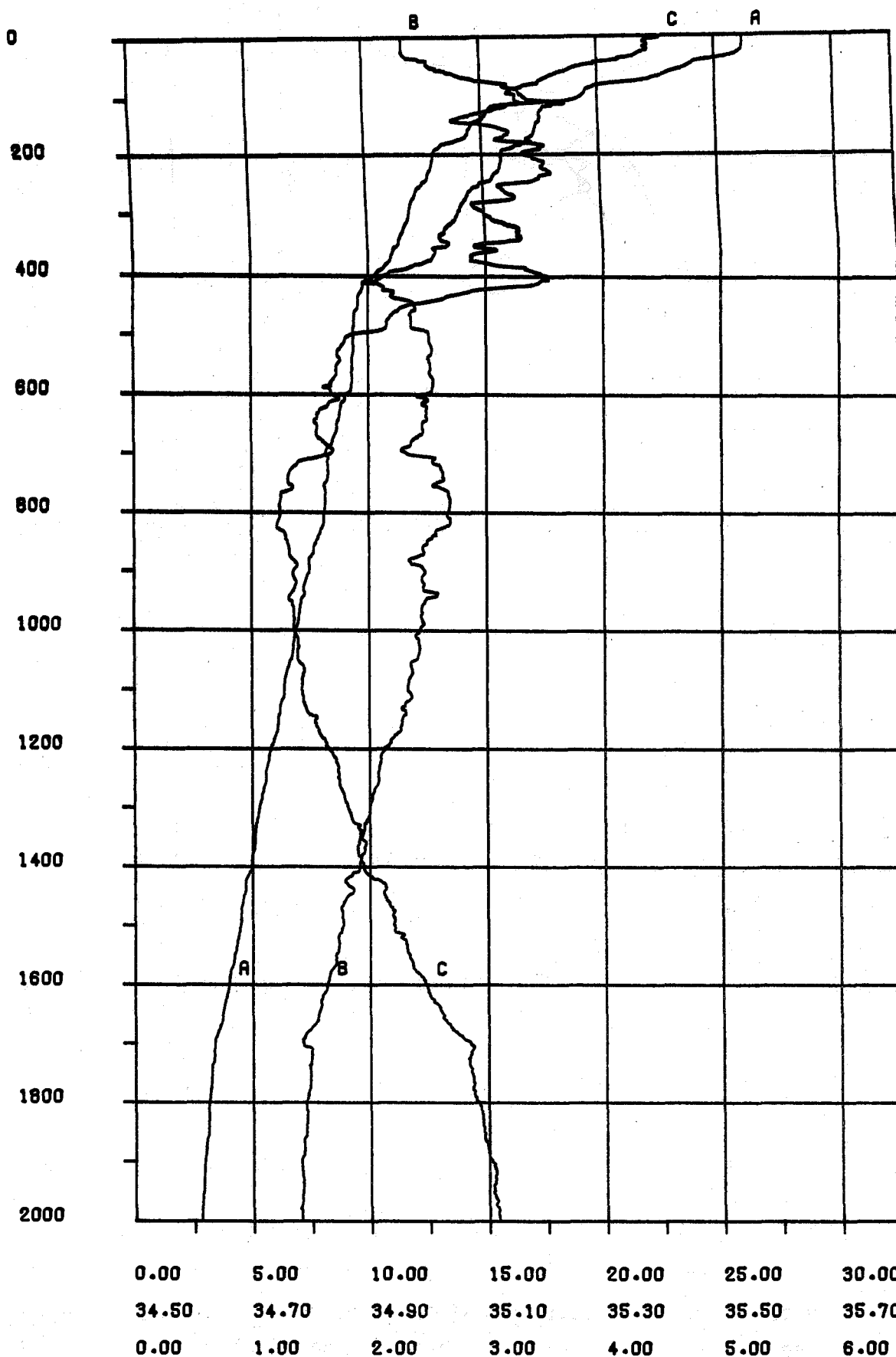


Figure 41

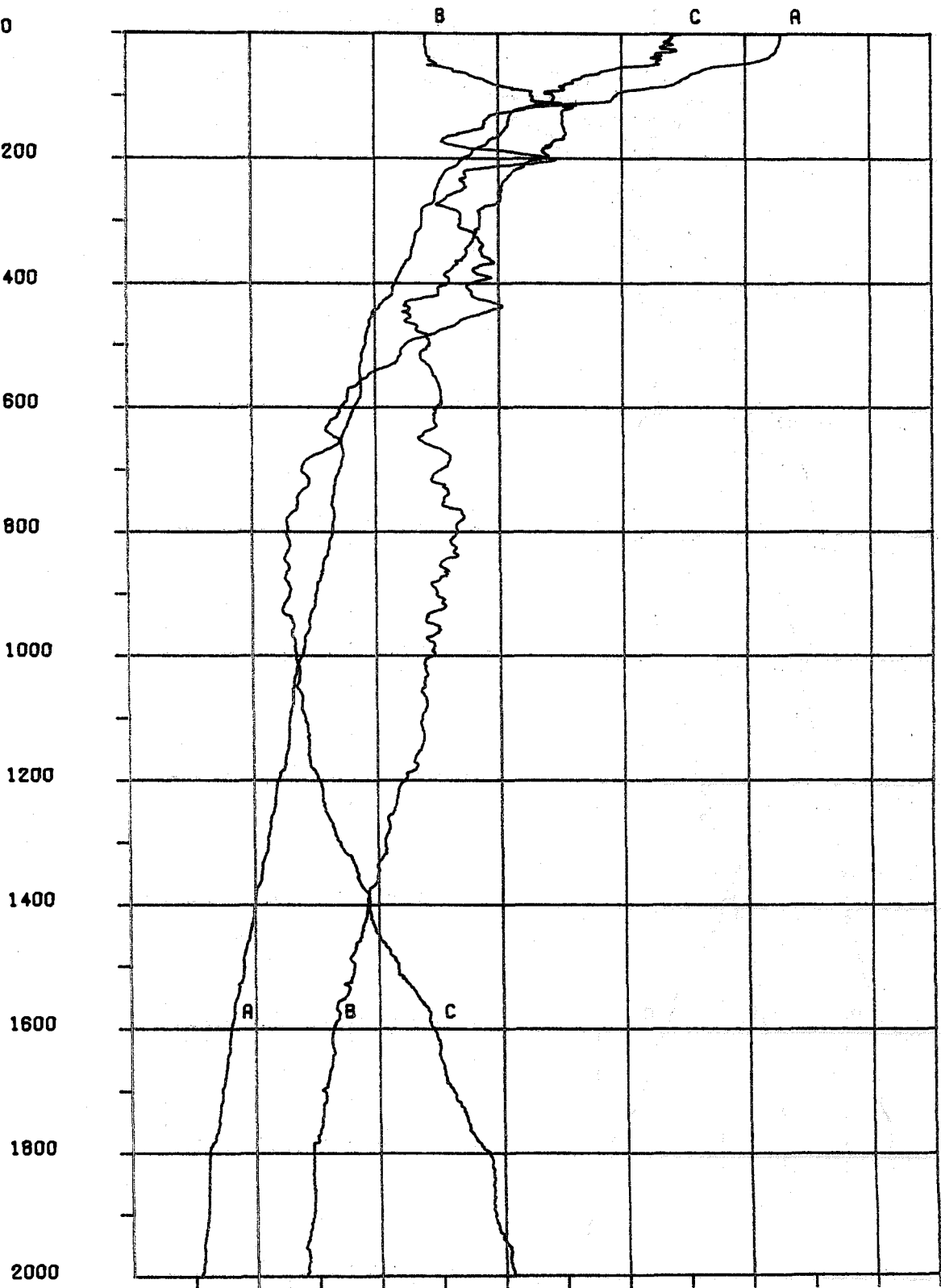
PLOTXY

DISCOVERY 102

STATION 10068

08FE880

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

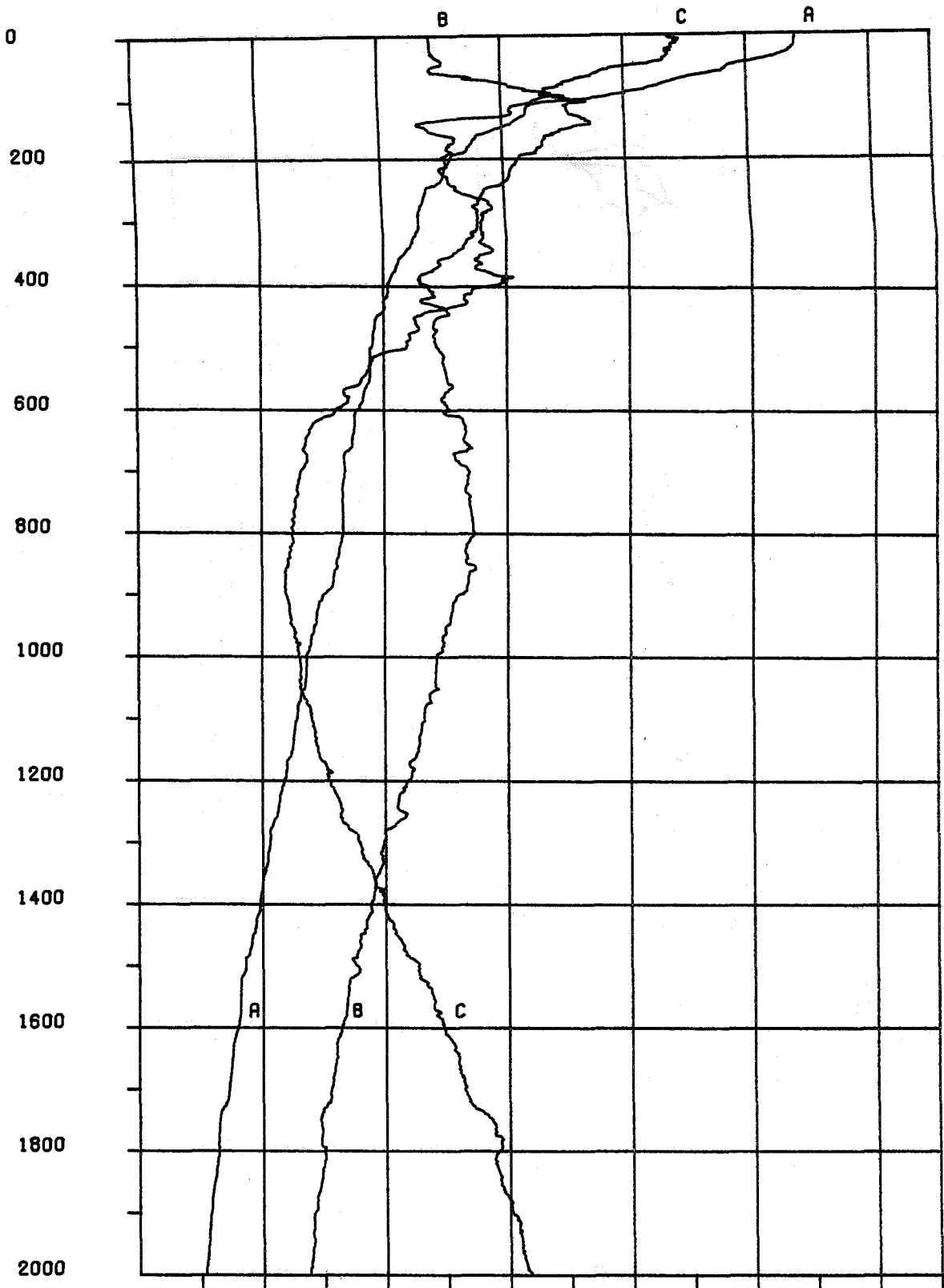
Figure 42

PLOTXY

DISCOVERY 102 STATION 10069

08FEB80

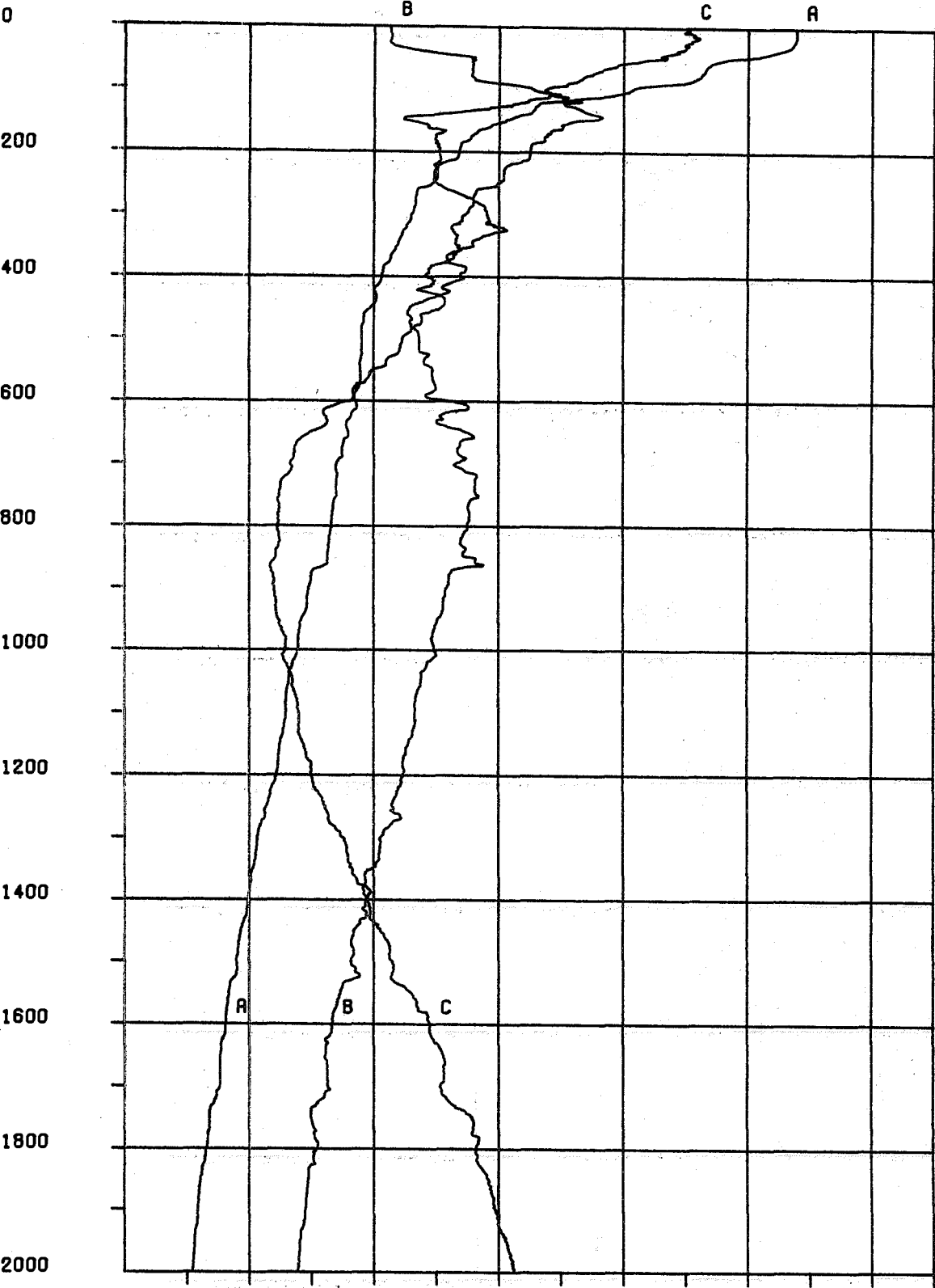
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYOEN

Figure 43

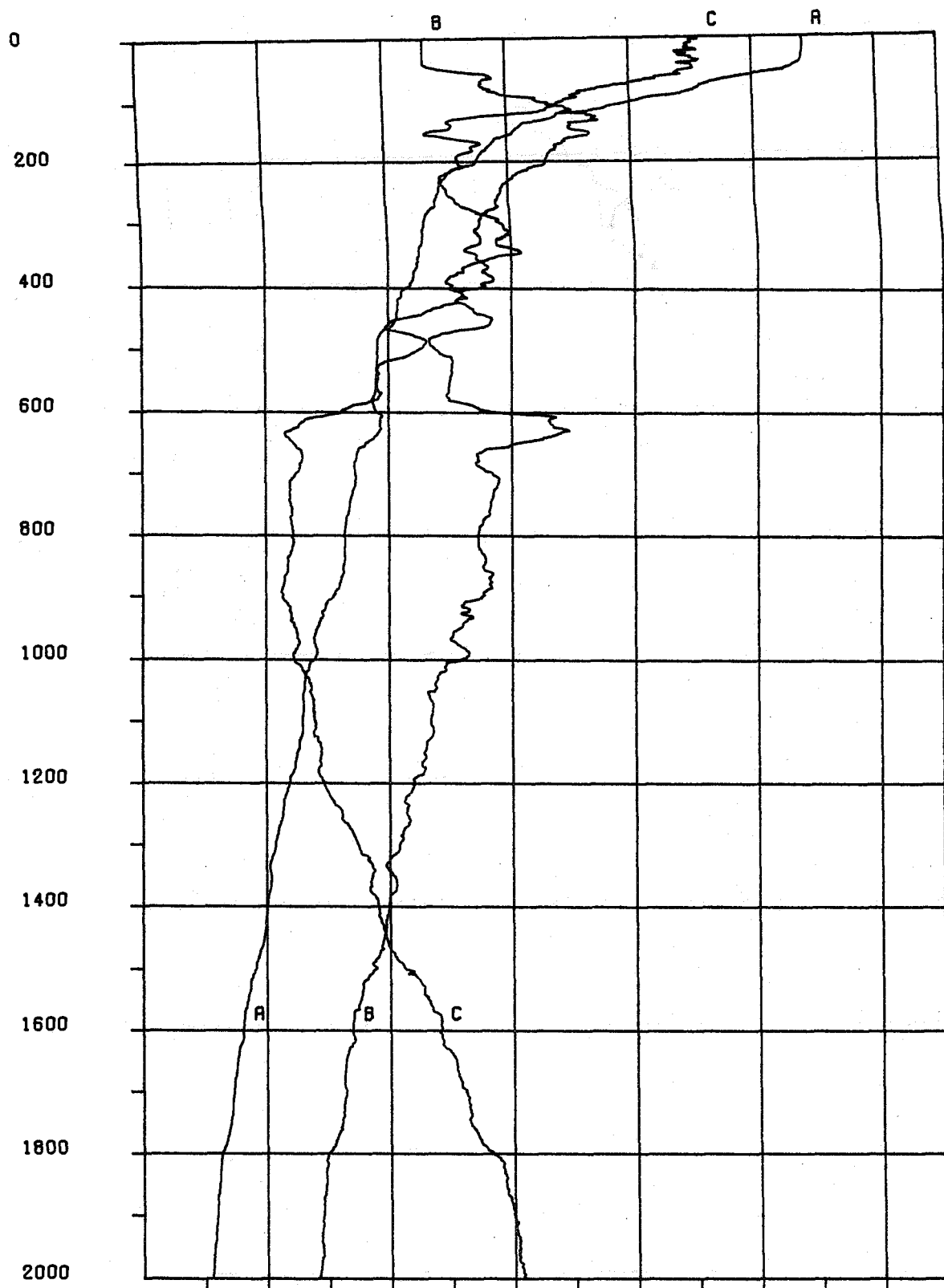
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL. FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 44

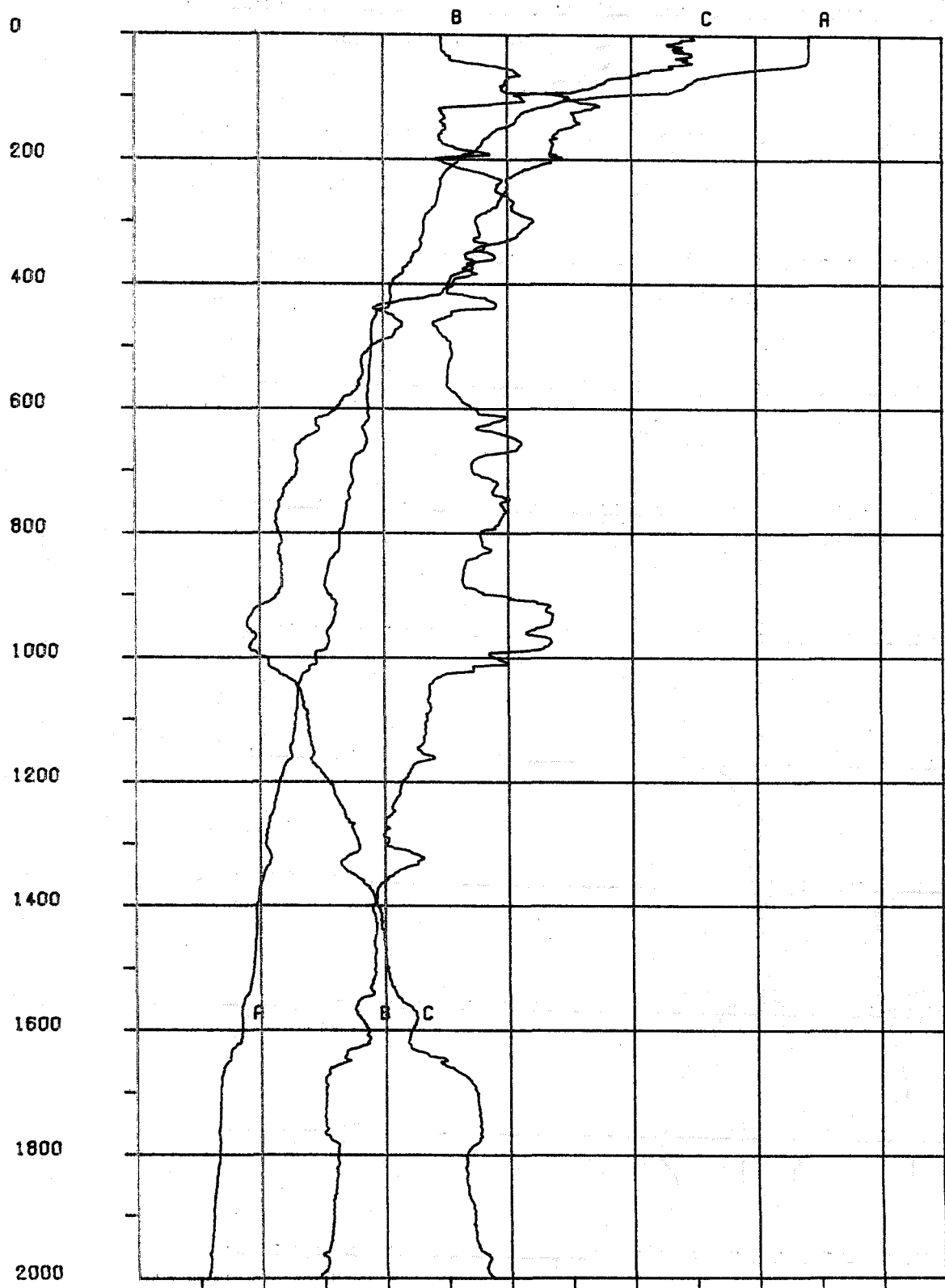
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 45

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 46

PRES

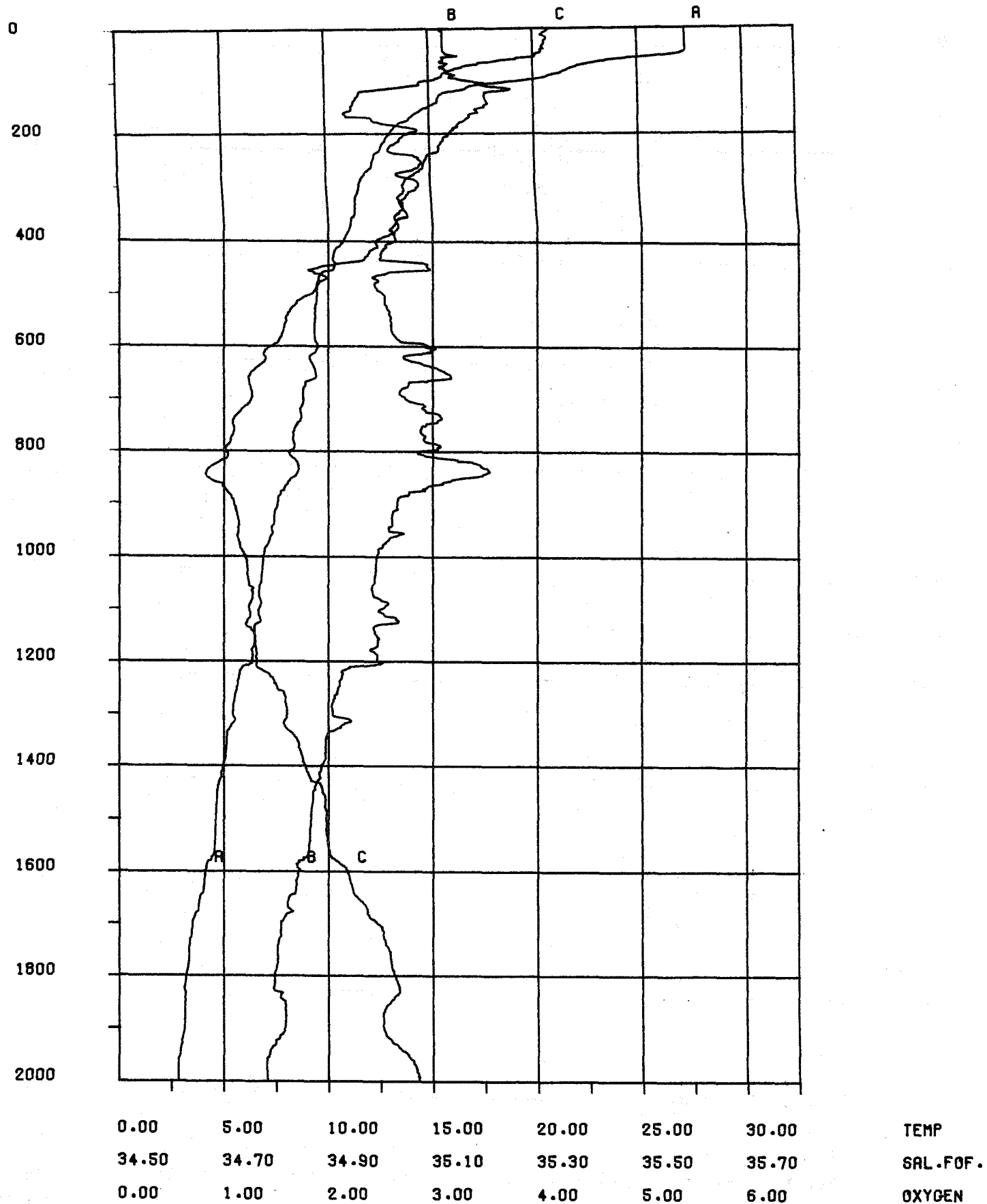


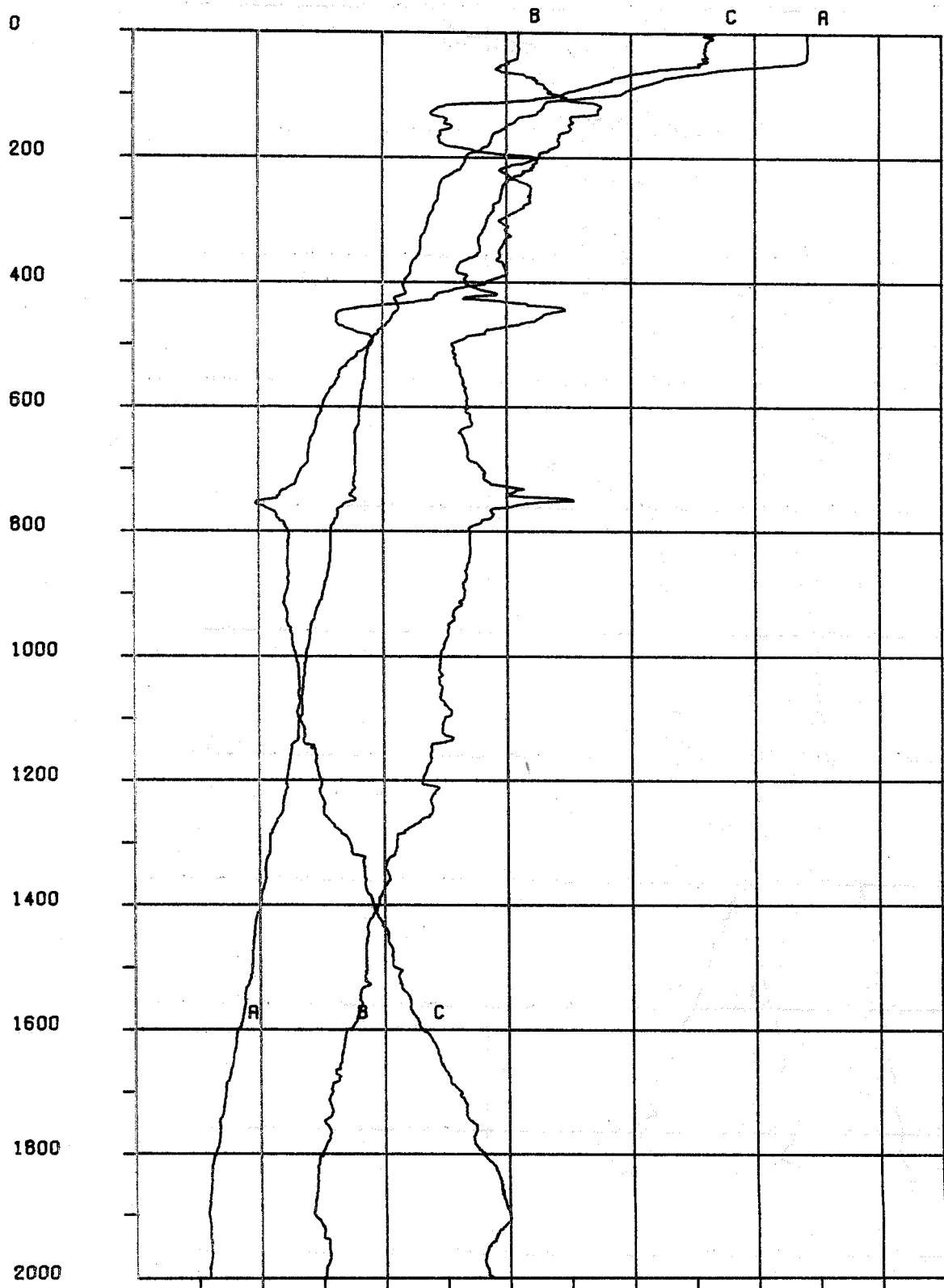
Figure 47

PLOTXY

DISCOVERY 102 STATION 10074

15FEB80

PRES



0.00 5.00 10.00 15.00 20.00 25.00 30.00

34.50 34.70 34.90 35.10 35.30 35.50 35.70

0.00 1.00 2.00 3.00 4.00 5.00 6.00

TEMP

SAL.FOF.

OXYGEN

Figure 48

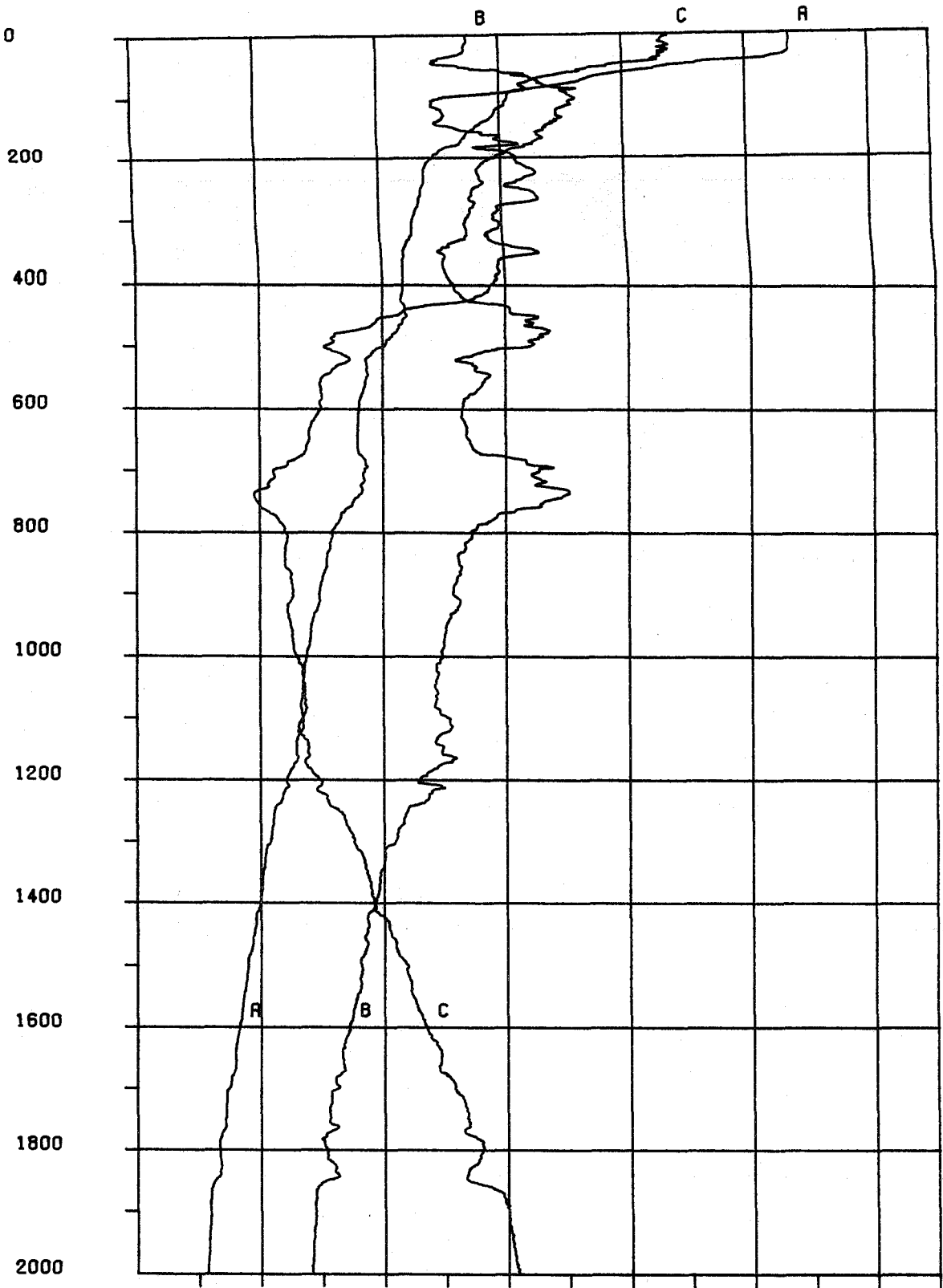
PLOTXY

DISCOVERY 102

STATION 10075

15FEB80

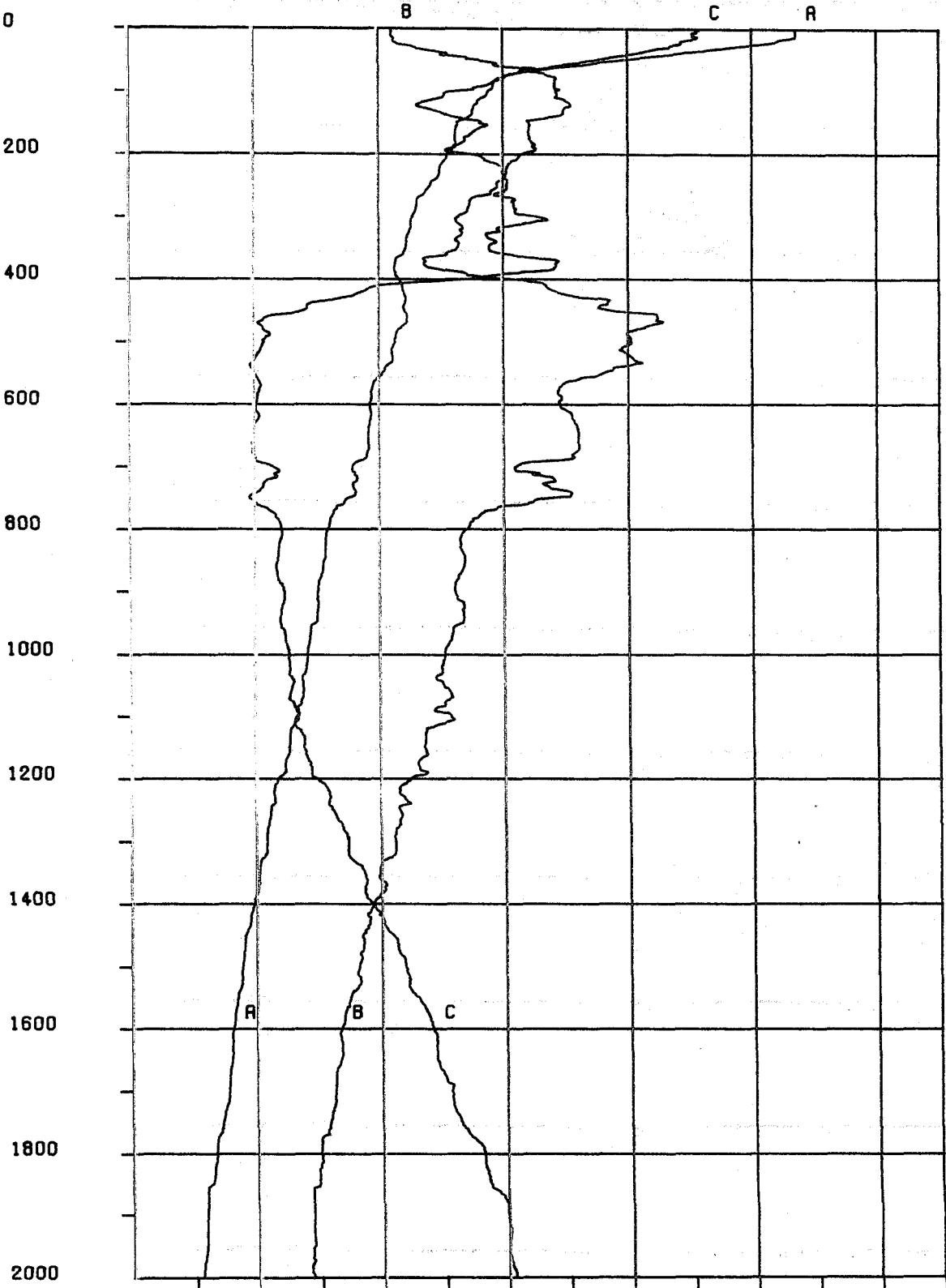
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 49

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00
34.50	34.70	34.90	35.10	35.30	35.50	35.70
0.00	1.00	2.00	3.00	4.00	5.00	6.00

TEMP
SAL.FOF.
OXYGEN

Figure 50

PRES

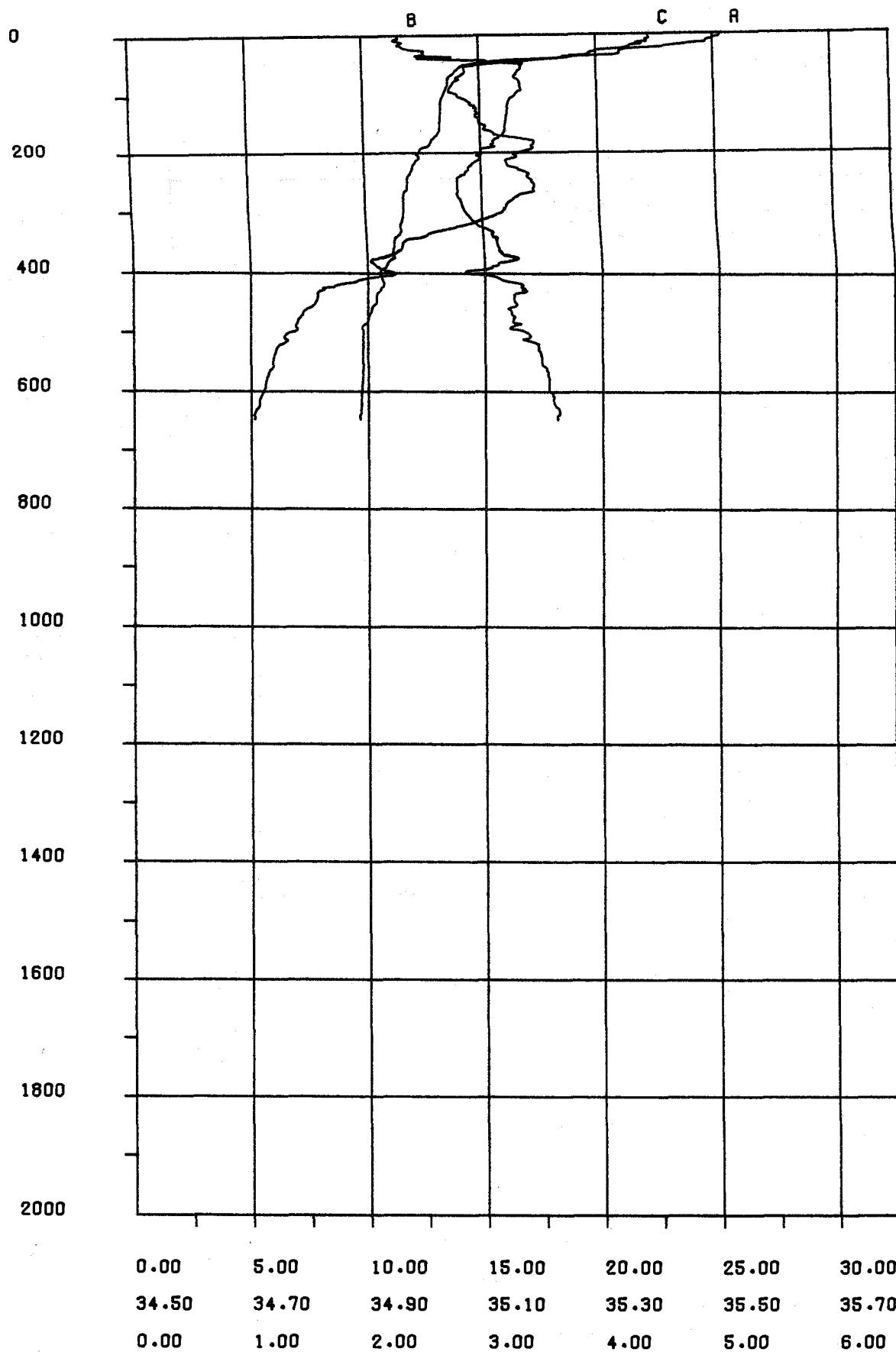


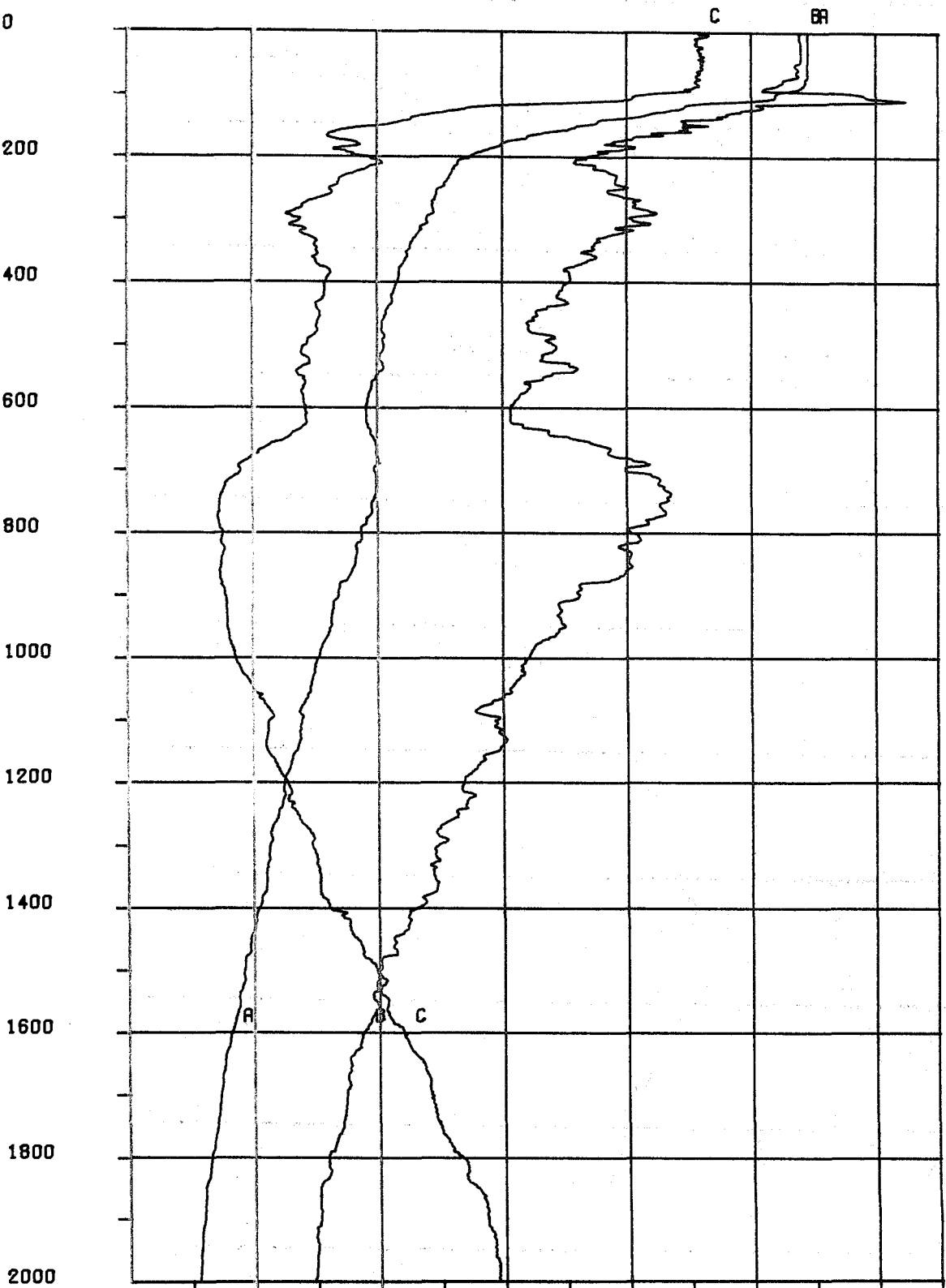
Figure 51

PLOTXY

DISCOVERY 102 STATION 10078

15FEB80

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00
34.50	34.70	34.90	35.10	35.30	35.50	35.70
0.00	1.00	2.00	3.00	4.00	5.00	6.00

TEMP
SAL.FOF.
OXYGEN

Figure 52

PRES

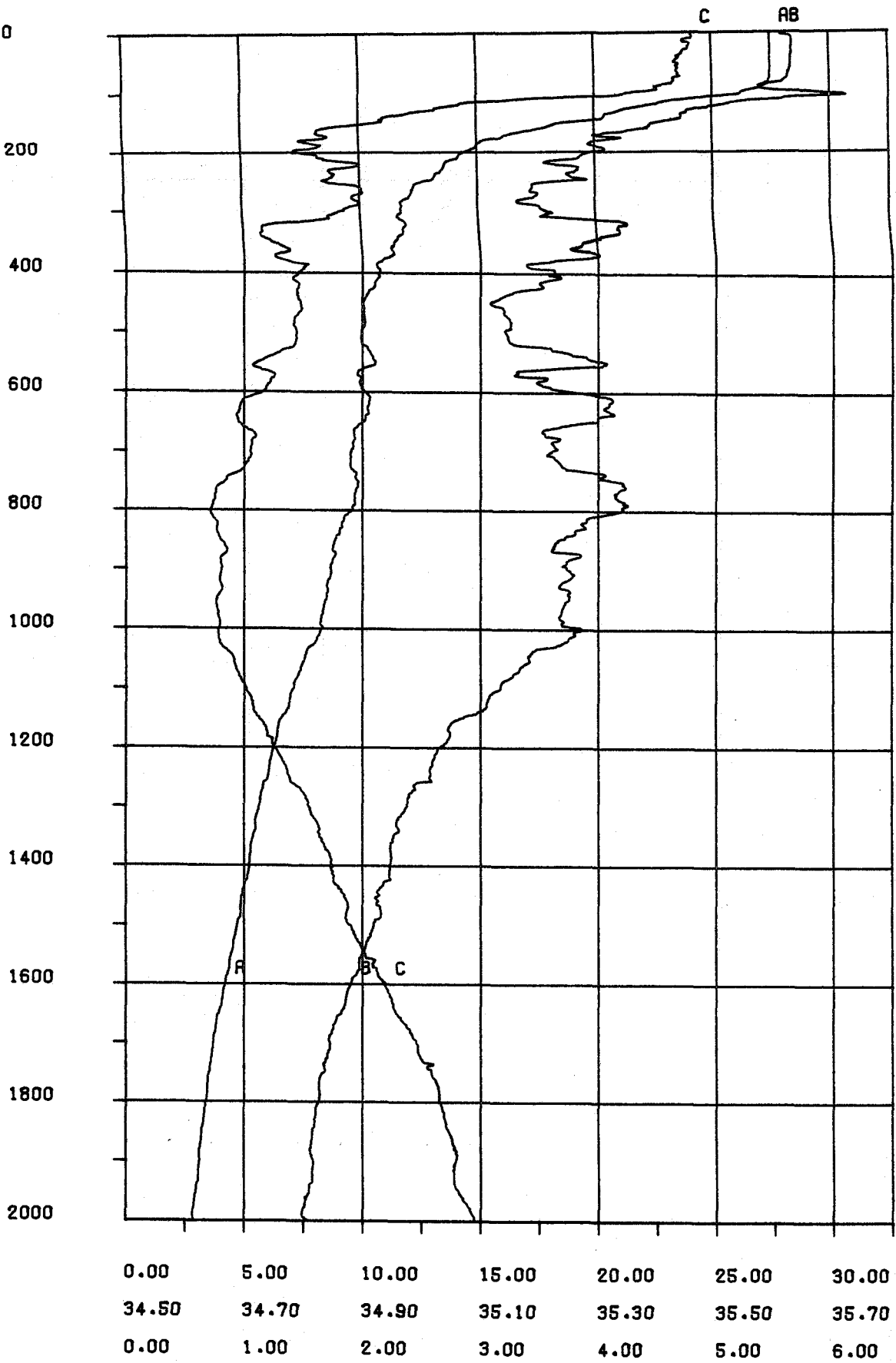
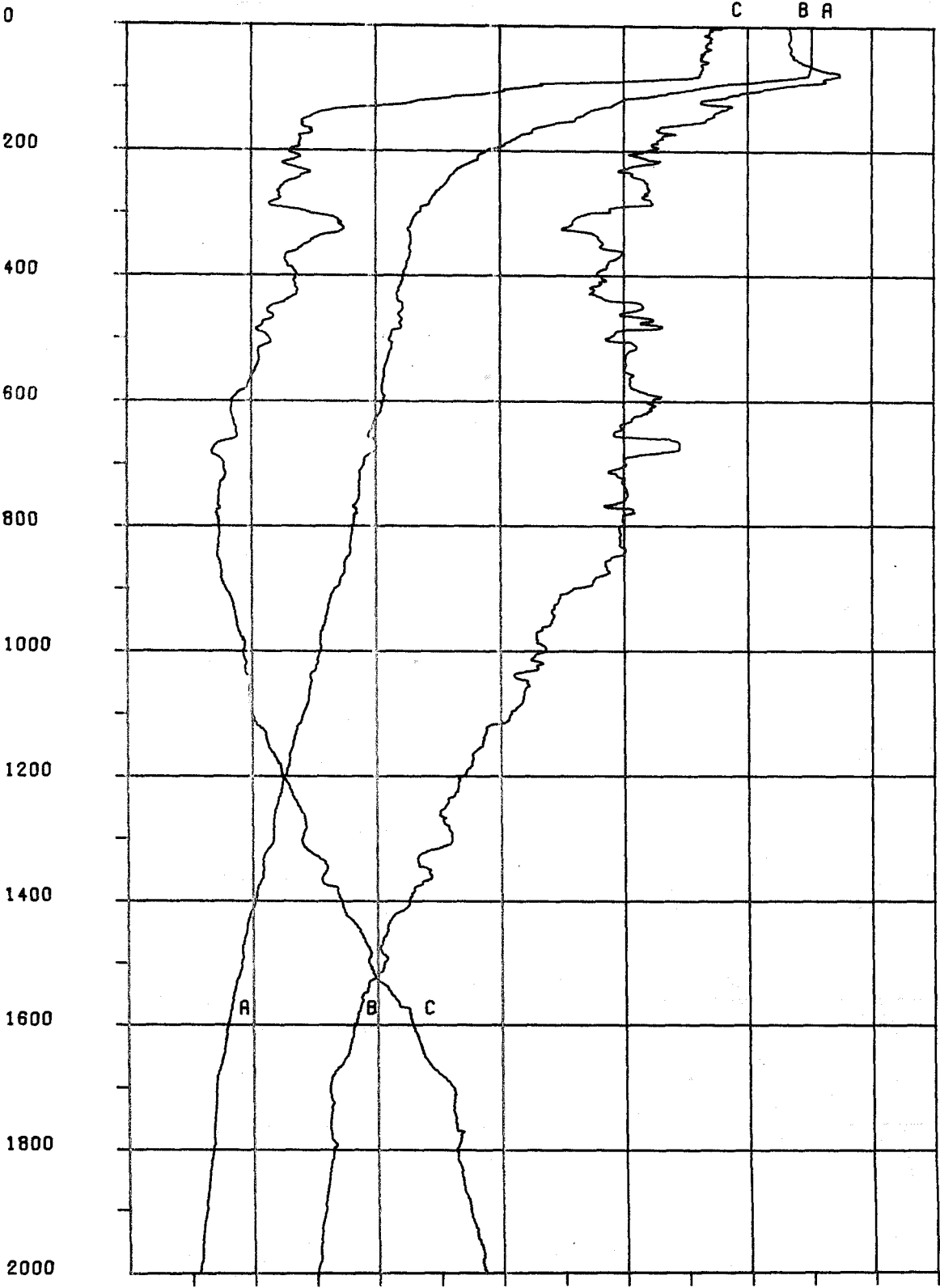


Figure 53

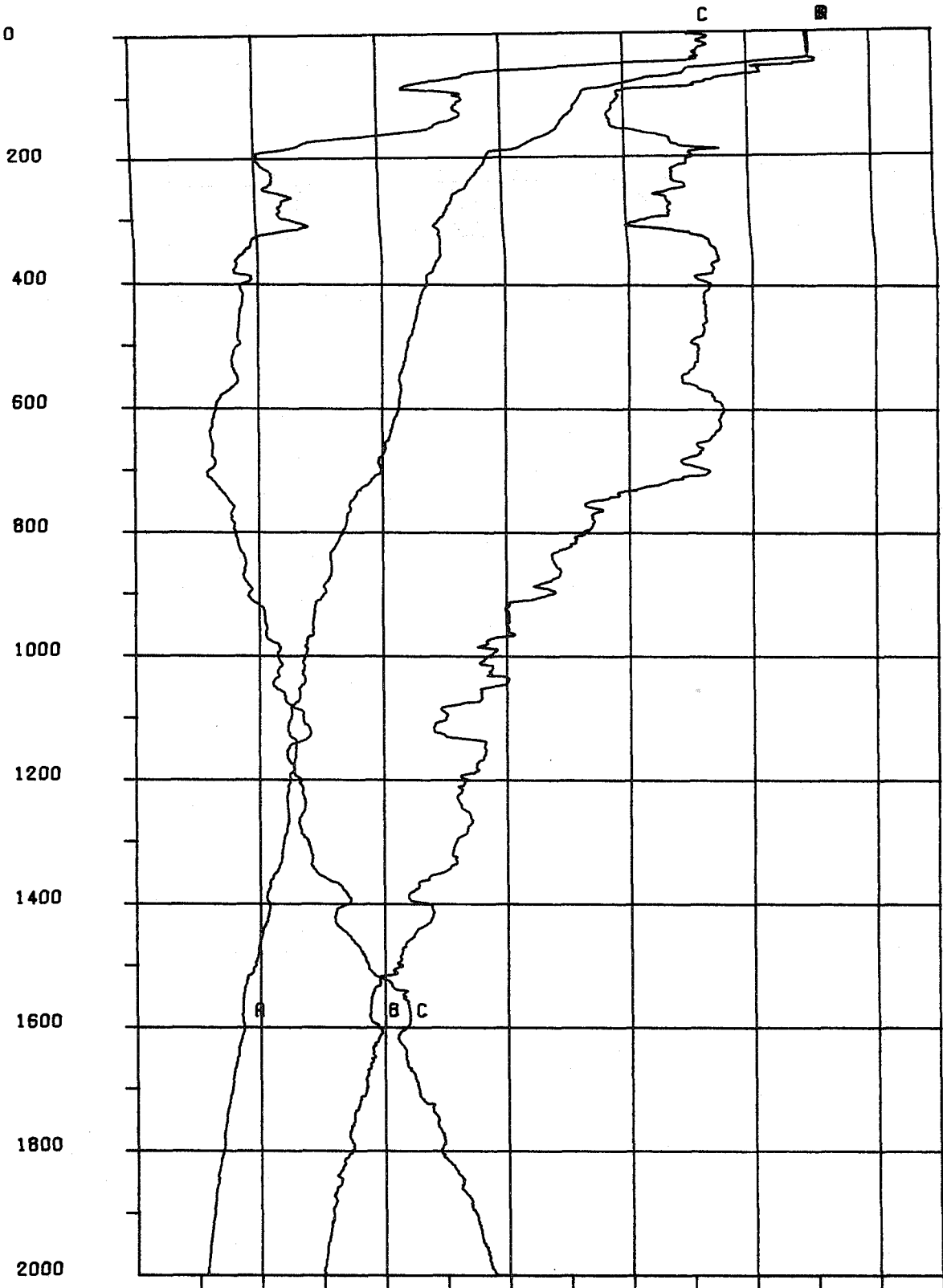
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 54

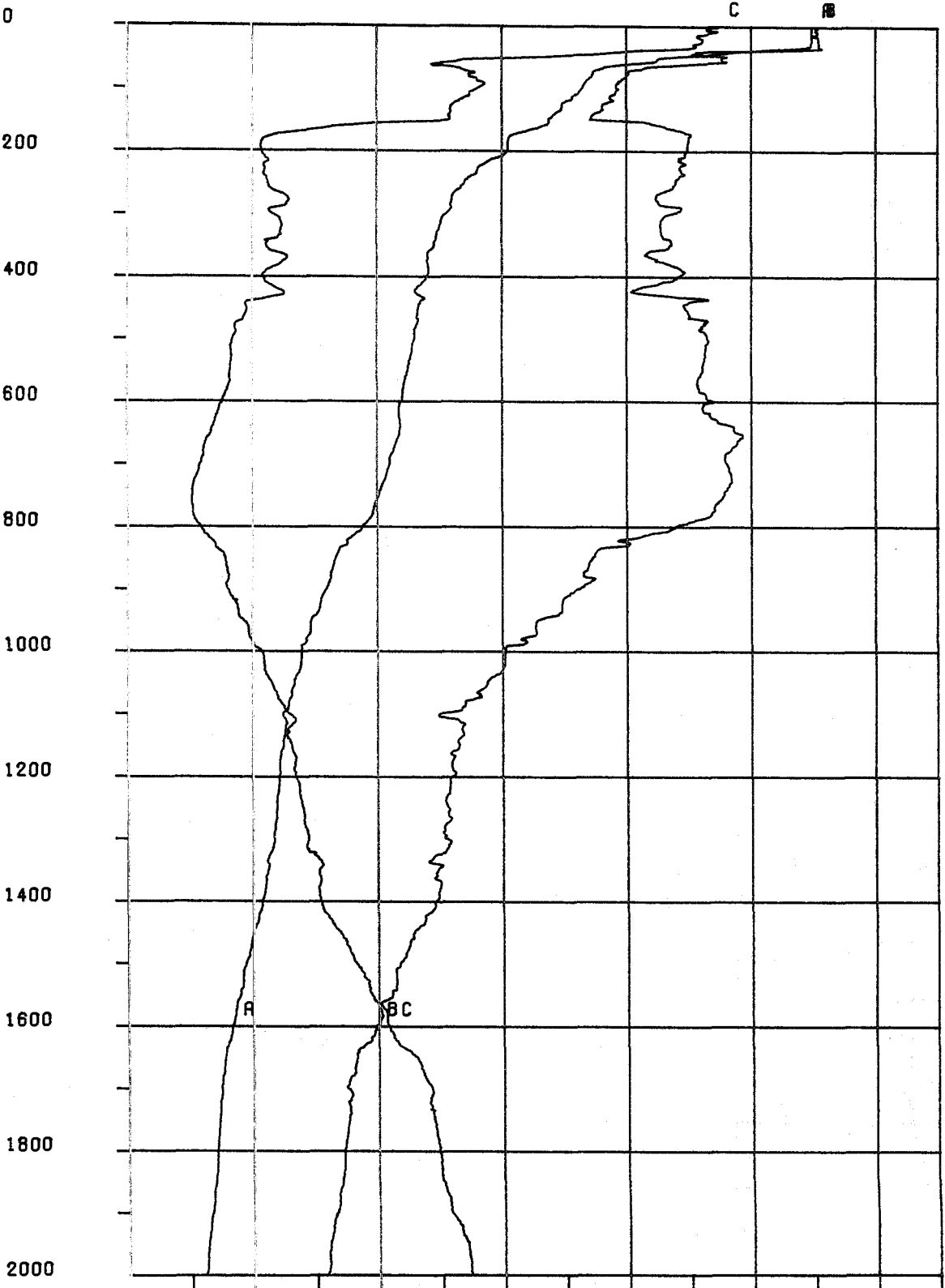
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 55

PRES

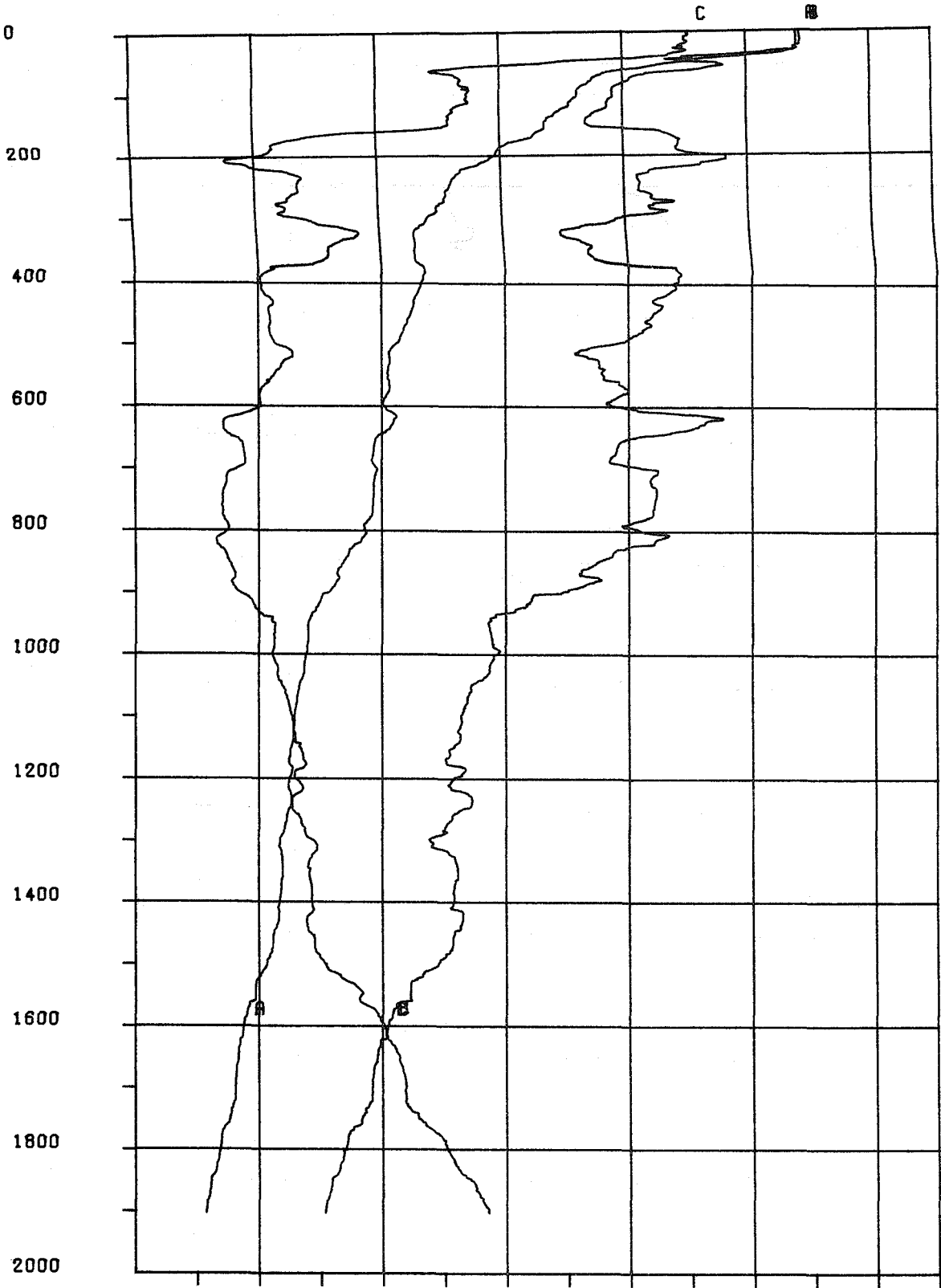


0.00	5.00	10.00	15.00	20.00	25.00	30.00
34.50	34.70	34.90	35.10	35.30	35.50	35.70
0.00	1.00	2.00	3.00	4.00	5.00	6.00

TEMP
SAL.FOF
OXYGEN

Figure 56

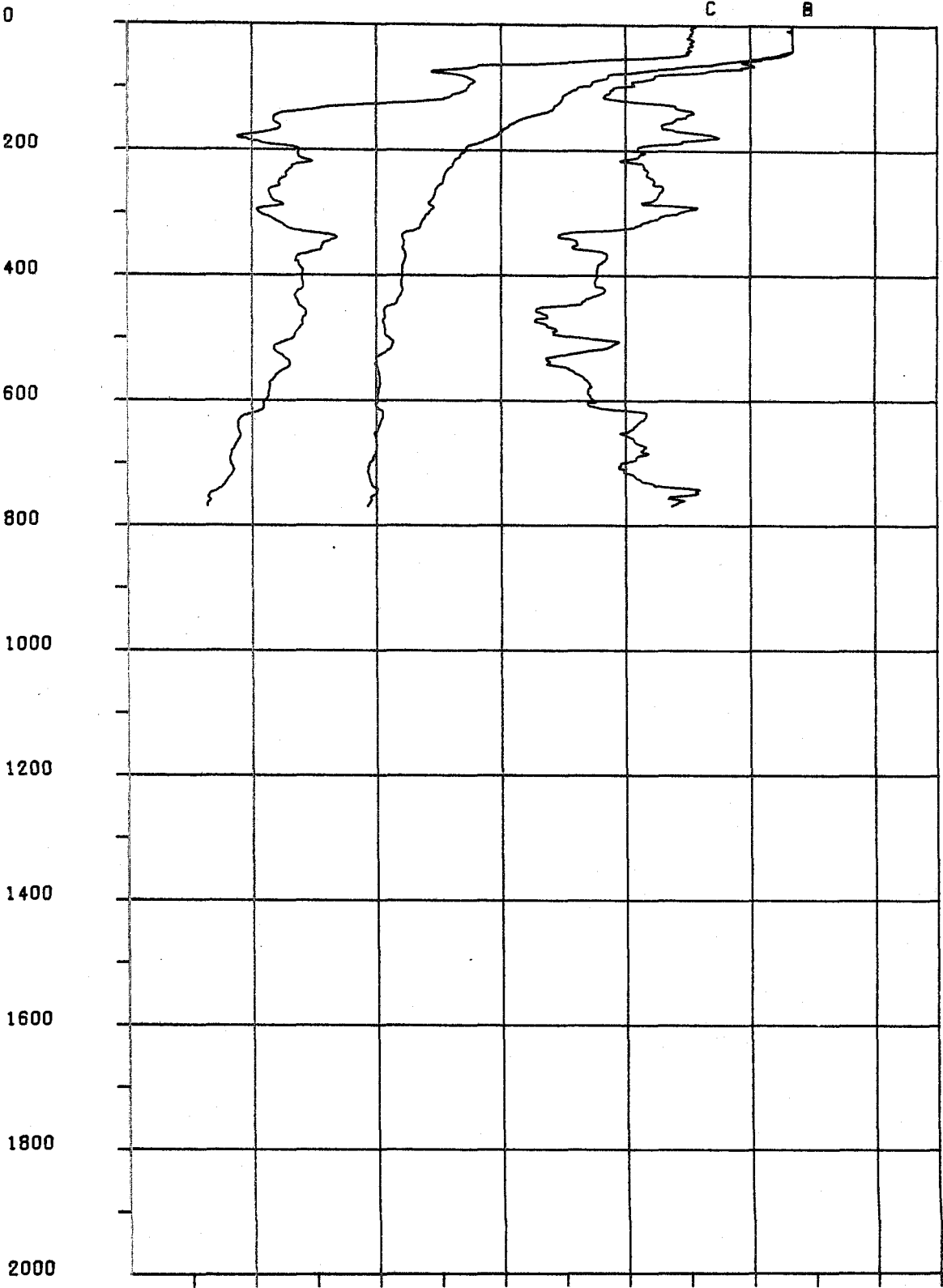
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 57

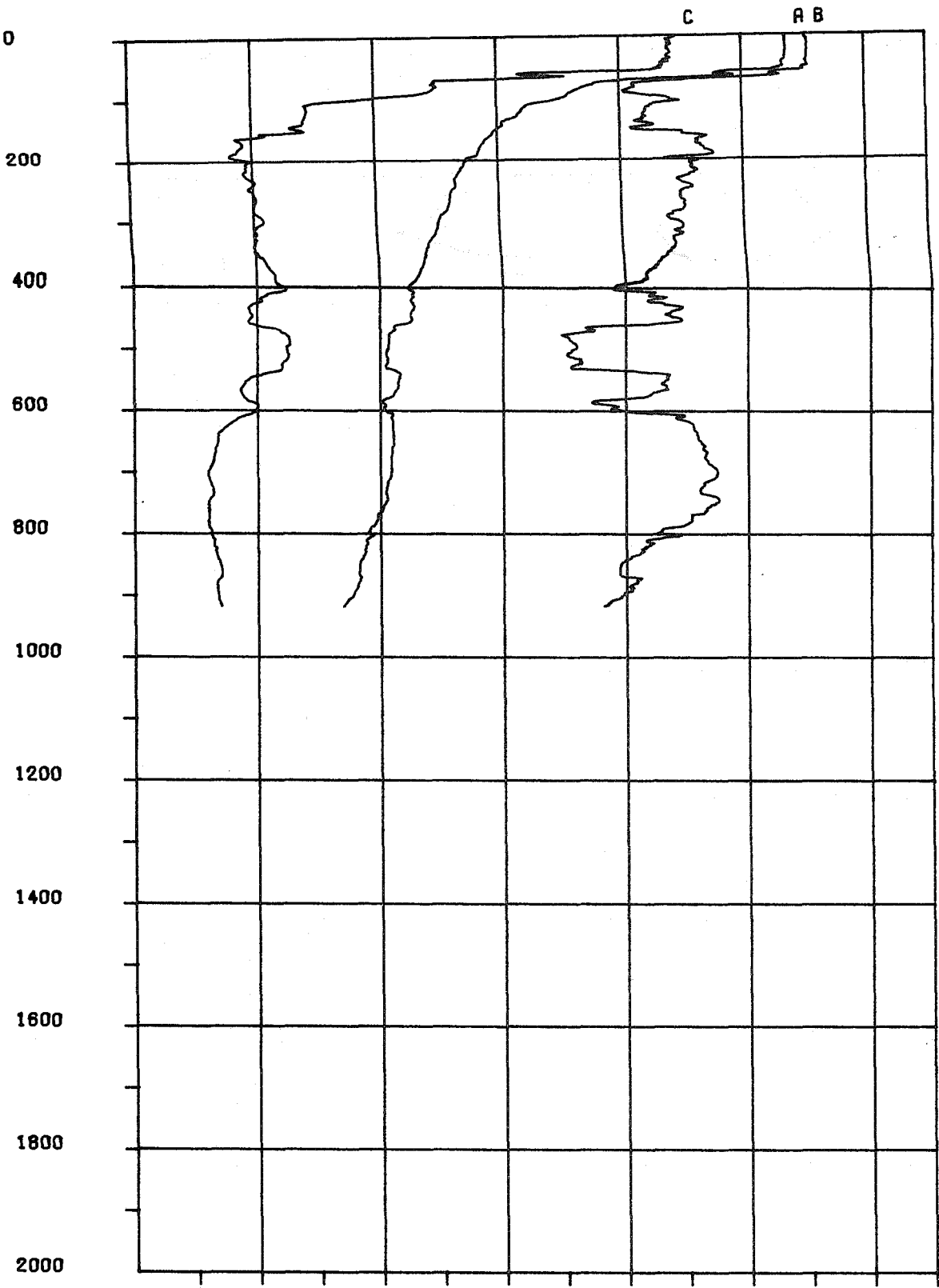
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 58

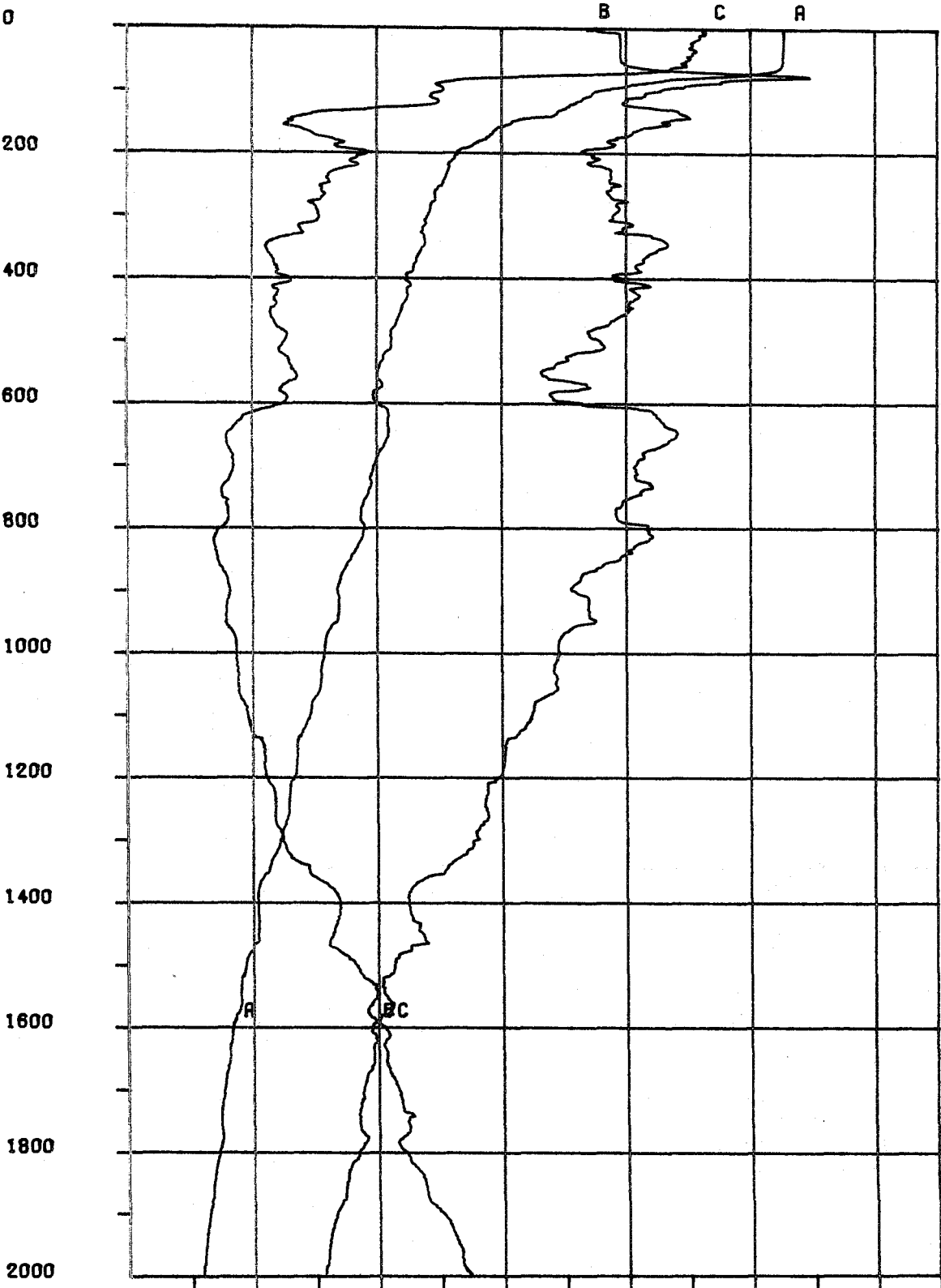
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYOEN

Figure 59

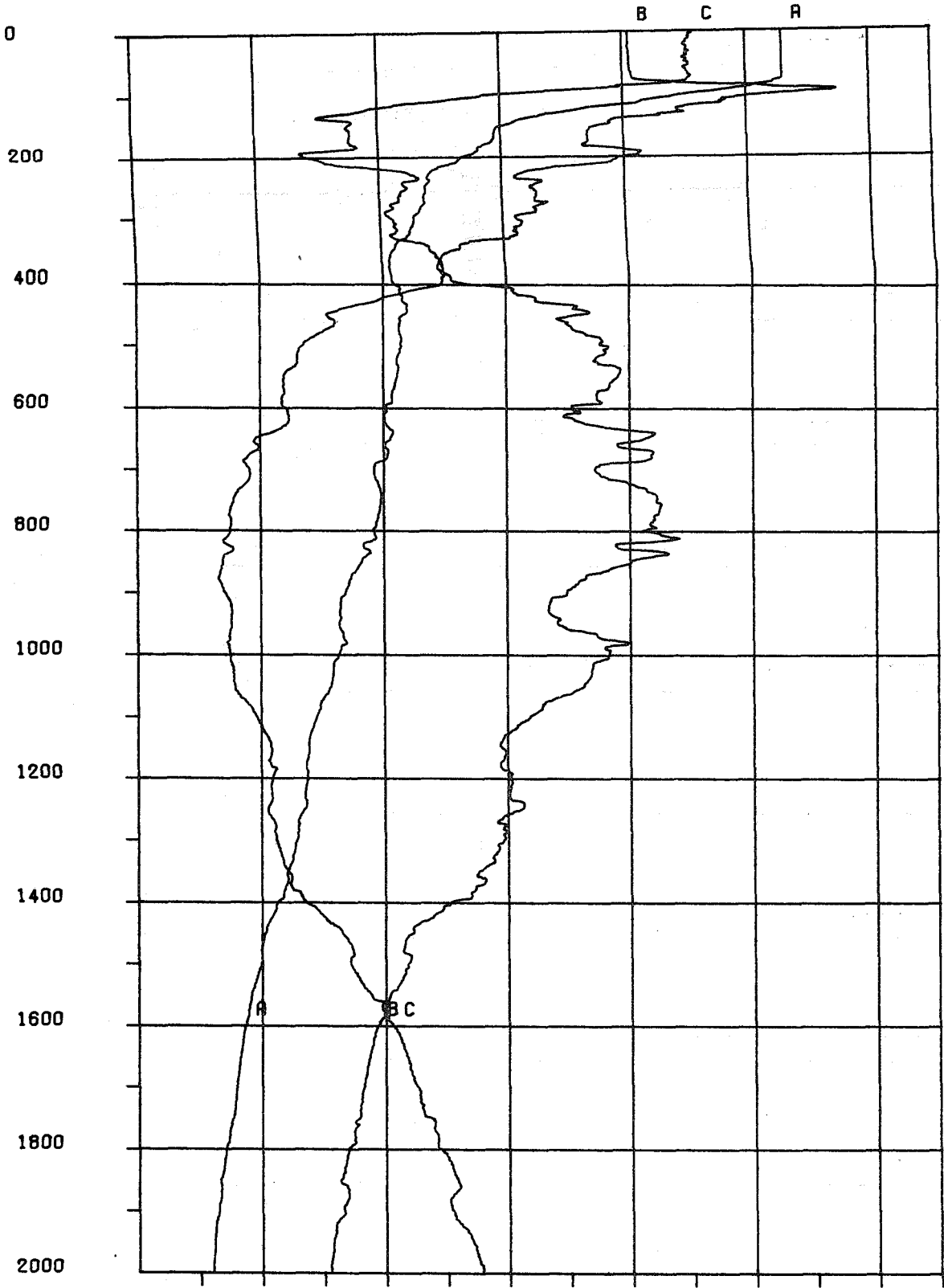
PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 60

PRES

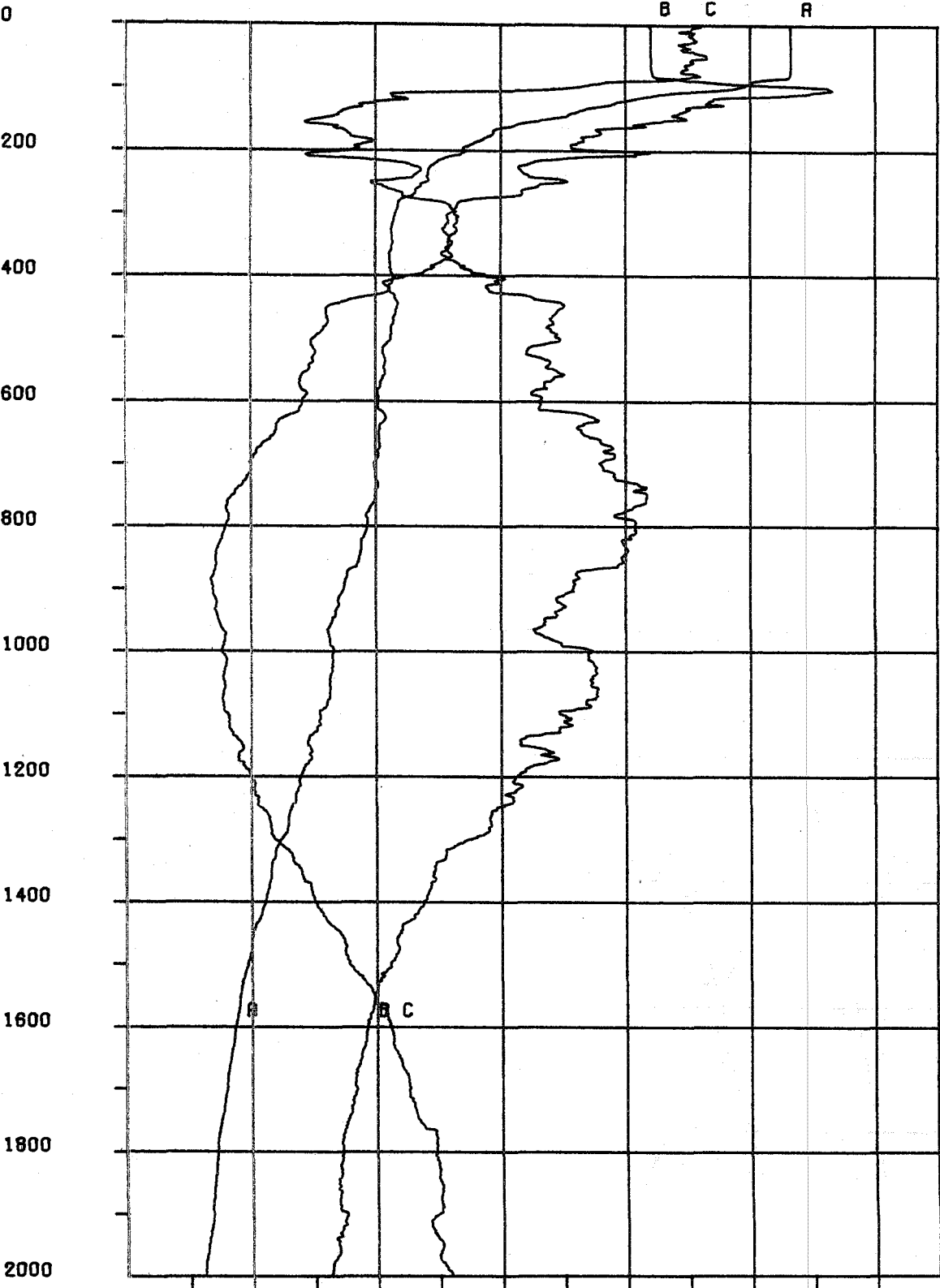


0.00	5.00	10.00	15.00	20.00	25.00	30.00
34.50	34.70	34.90	35.10	35.30	35.50	35.70
0.00	1.00	2.00	3.00	4.00	5.00	6.00

TEMP
SAL.FOF.
OXYGEN

Figure 61

PRES



TEMP
SAL.FOF.
OXYGEN

Figure 62

PRES

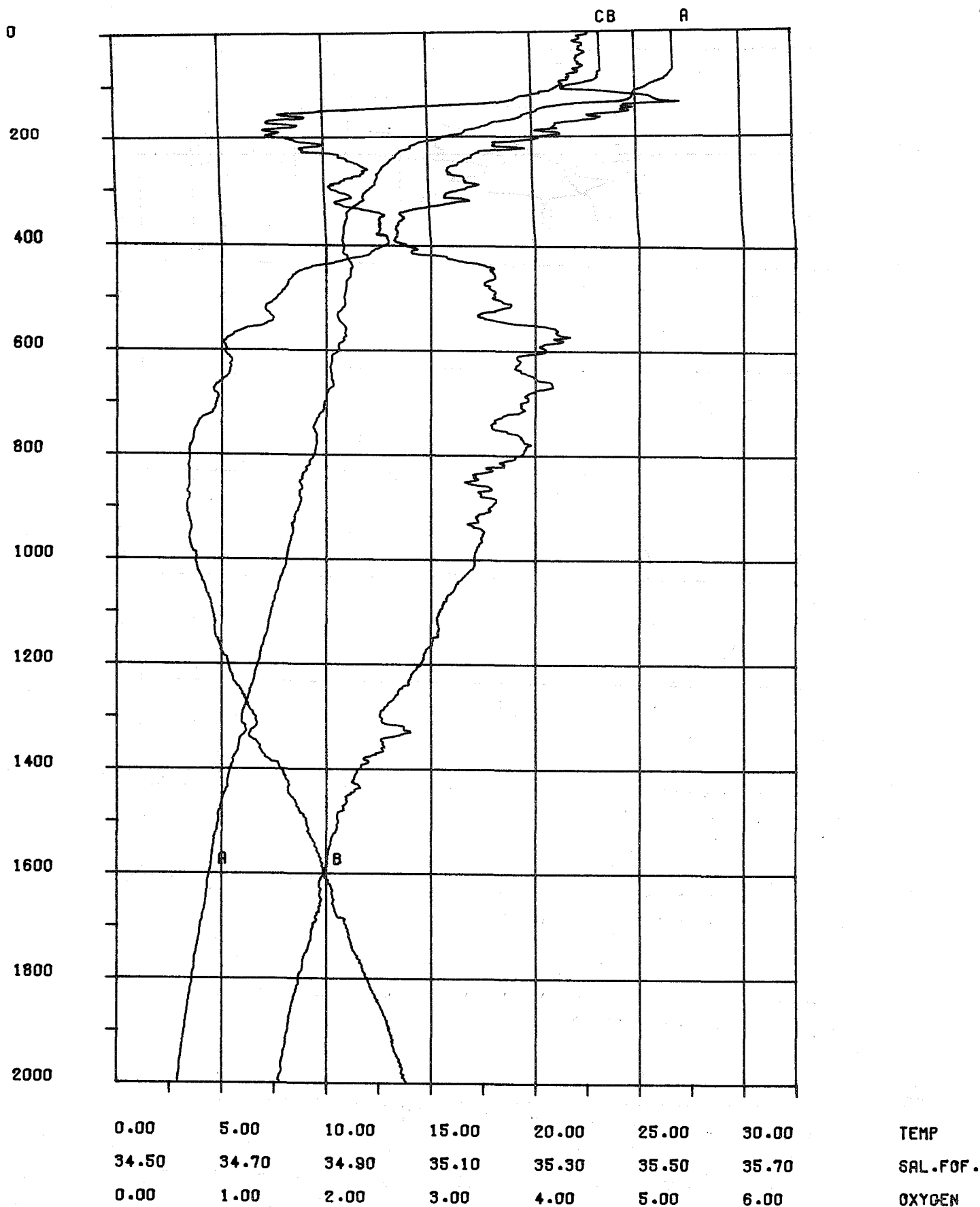
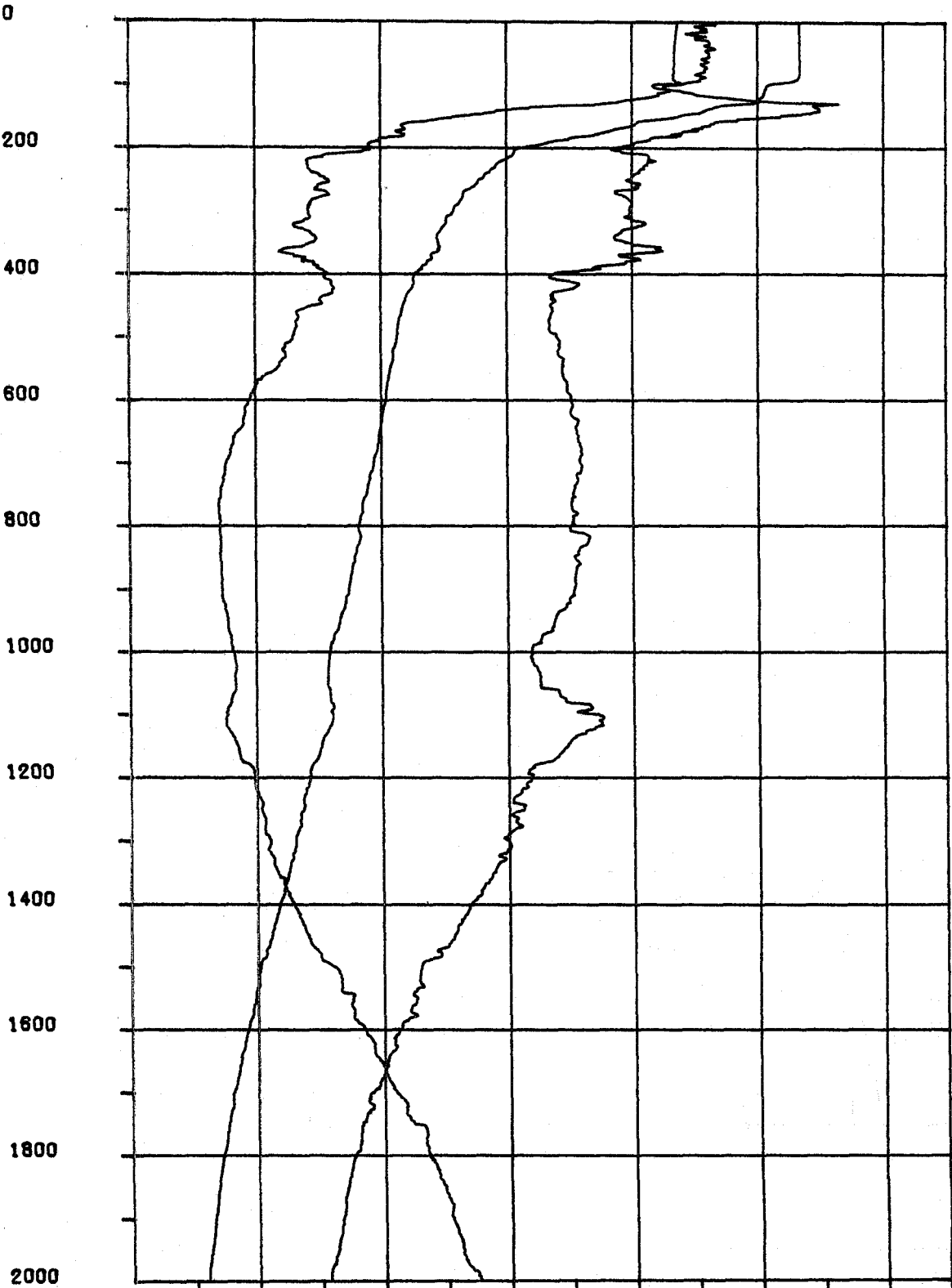


Figure 63

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.60	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 64

PRES

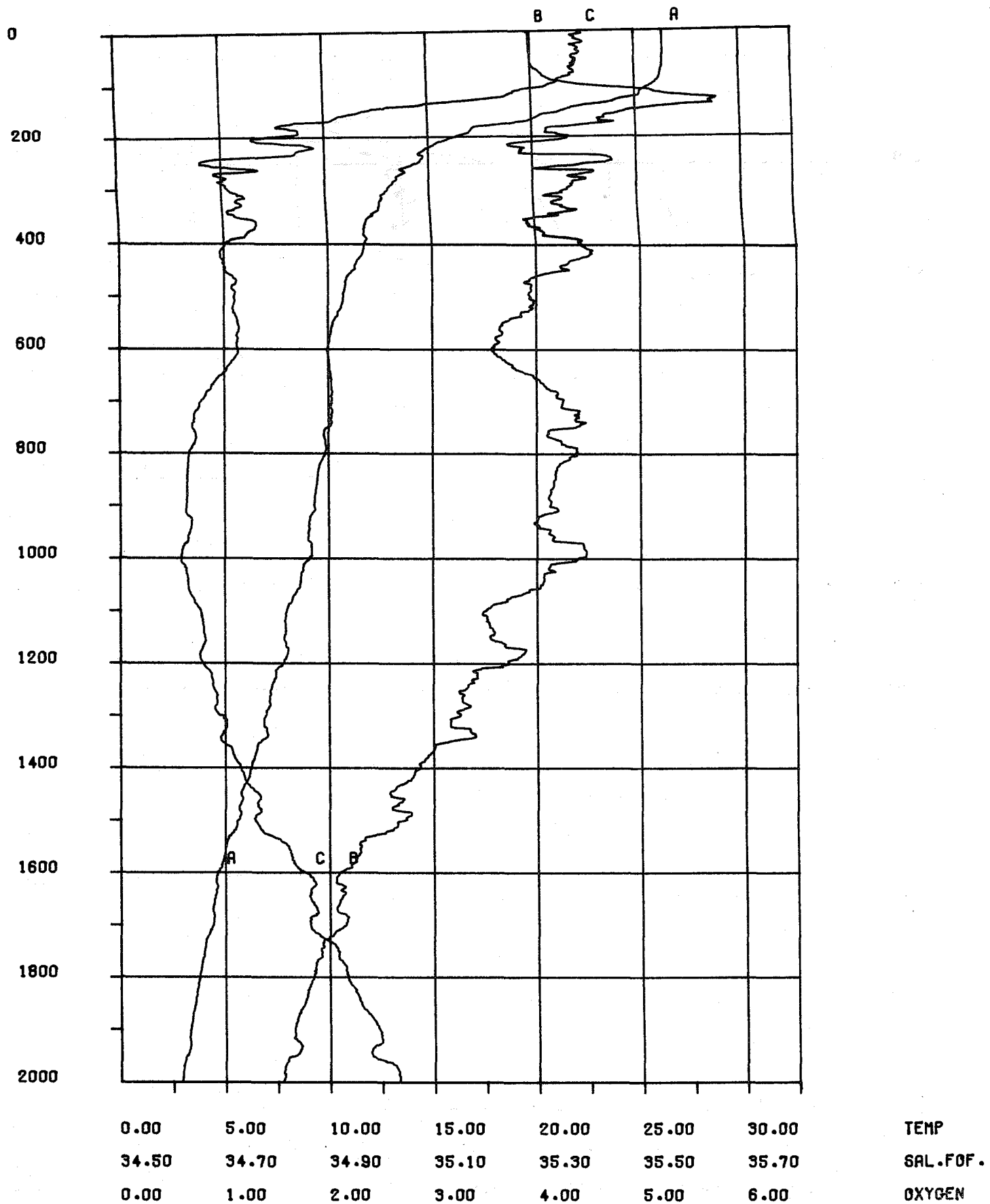


Figure 65

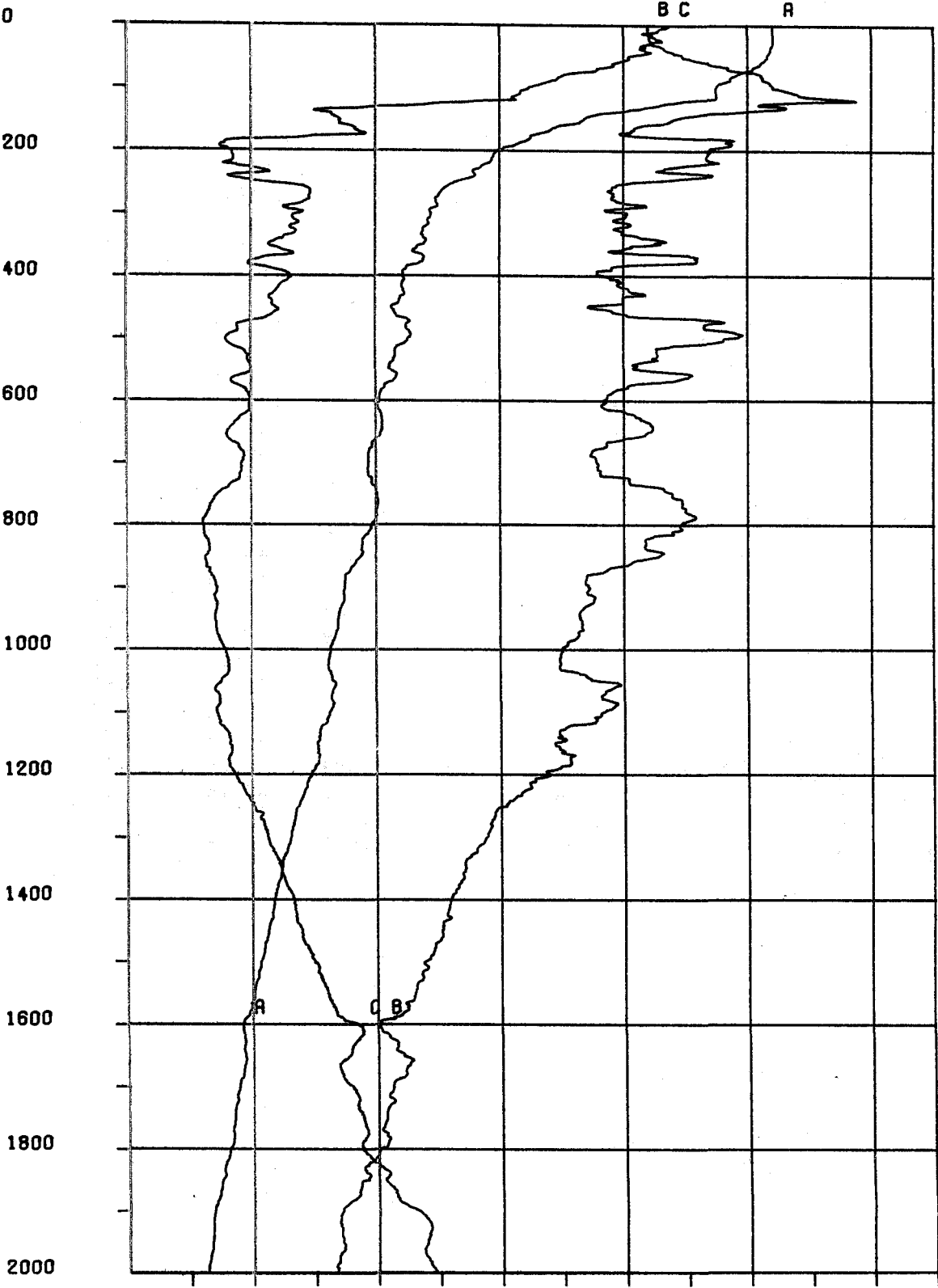
PLOTXY

DISCOVERY 102

STATION 10092

26FEB80

PRES



0.00	5.00	10.00	15.00	20.00	25.00	30.00	TEMP
34.50	34.70	34.90	35.10	35.30	35.50	35.70	SAL.FOF.
0.00	1.00	2.00	3.00	4.00	5.00	6.00	OXYGEN

Figure 66

DISCOVERY 102 STATION 10023

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.633	35.289	29.632	22.086	26.240	0.006	1545.4	-9.99
10.	29.644	35.287	29.641	22.080	26.236	0.058	1545.6	-1.15
20.	29.649	35.286	29.644	22.077	26.233	0.115	1545.7	-0.77
30.	29.652	35.285	29.644	22.076	26.233	0.173	1545.9	-0.54
40.	29.652	35.286	29.642	22.076	26.234	0.231	1546.1	0.77
50.	29.652	35.283	29.640	22.074	26.233	0.288	1546.2	-0.54
60.	29.651	35.285	29.636	22.076	26.236	0.346	1546.4	0.95
70.	29.571	35.302	29.554	22.116	26.277	0.404	1546.4	3.60
80.	28.289	35.477	28.270	22.676	26.852	0.460	1544.1	13.32
90.	25.217	35.492	25.197	23.664	27.878	0.507	1537.4	17.70
100.	24.288	35.342	24.267	23.833	28.060	0.549	1535.2	7.32
125.	16.697	35.261	16.677	25.803	30.146	0.620	1515.0	15.82
150.	15.728	35.240	15.705	26.010	30.370	0.674	1512.4	5.16
175.	14.895	35.217	14.868	26.179	30.555	0.723	1510.2	4.66
200.	13.600	35.185	13.571	26.430	30.831	0.768	1506.3	5.69
250.	12.491	35.140	12.457	26.620	31.044	0.846	1503.4	3.51
300.	11.855	35.097	11.816	26.710	31.147	0.919	1502.0	2.43
350.	11.316	35.055	11.272	26.778	31.228	0.988	1500.9	2.15
400.	10.931	35.029	10.881	26.829	31.287	1.055	1500.3	1.85
450.	10.599	35.026	10.544	26.886	31.353	1.120	1499.9	1.96
500.	10.283	35.074	10.223	26.979	31.453	1.182	1499.6	2.48
550.	9.891	35.112	9.826	27.076	31.559	1.239	1499.1	2.53
600.	9.393	35.108	9.325	27.157	31.651	1.293	1498.1	2.36
650.	8.778	35.022	8.707	27.190	31.698	1.344	1496.5	1.62
700.	8.686	35.044	8.610	27.222	31.734	1.394	1497.0	1.48
750.	8.671	35.103	8.589	27.270	31.783	1.443	1497.8	1.77
800.	8.080	35.067	7.996	27.334	31.860	1.489	1496.4	2.16
850.	7.692	35.019	7.605	27.354	31.890	1.533	1495.6	1.36
900.	7.451	35.007	7.359	27.380	31.923	1.577	1495.5	1.41
950.	7.303	35.003	7.207	27.399	31.944	1.619	1495.8	1.16

DISCOVERY 102 STATION 10024

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.194	35.107	29.194	22.097	26.258	0.006	1544.3	-9.99
10.	29.155	35.113	29.153	22.115	26.276	0.057	1544.4	2.52
20.	29.148	35.111	29.143	22.115	26.278	0.115	1544.5	0.54
30.	29.145	35.117	29.138	22.121	26.284	0.172	1544.7	1.45
40.	29.144	35.121	29.134	22.124	26.289	0.229	1544.8	1.23
50.	29.089	35.112	29.077	22.136	26.302	0.286	1544.9	1.98
60.	29.079	35.126	29.064	22.150	26.317	0.344	1545.0	2.13
70.	29.046	35.223	29.029	22.234	26.401	0.400	1545.2	5.18
80.	29.005	35.259	28.986	22.274	26.443	0.457	1545.4	3.60
90.	28.754	35.316	28.732	22.401	26.574	0.512	1545.1	6.38
100.	25.712	35.509	25.690	23.523	27.731	0.562	1538.7	18.87
125.	18.354	35.395	18.332	25.503	29.817	0.655	1520.0	15.85
150.	15.802	35.261	15.779	26.010	30.368	0.710	1512.7	8.05
175.	15.052	35.211	15.025	26.140	30.513	0.760	1510.7	4.09
200.	13.798	35.174	13.769	26.381	30.778	0.806	1507.0	5.58
250.	12.421	35.117	12.387	26.616	31.041	0.887	1503.1	3.91
300.	11.777	35.066	11.738	26.700	31.139	0.959	1501.7	2.36
350.	11.228	35.032	11.184	26.777	31.228	1.029	1500.5	2.26
400.	10.933	35.032	10.883	26.831	31.290	1.096	1500.3	1.91
450.	10.653	35.030	10.598	26.879	31.345	1.162	1500.1	1.81
500.	10.647	35.216	10.586	27.025	31.491	1.222	1501.1	3.04
550.	9.346	35.039	9.284	27.111	31.606	1.276	1497.0	2.52
600.	9.148	35.021	9.081	27.129	31.629	1.330	1497.1	1.17
650.	8.622	35.010	8.551	27.205	31.717	1.381	1495.9	2.31
700.	8.585	35.026	8.509	27.224	31.737	1.431	1496.6	1.11
750.	8.260	35.034	8.180	27.280	31.802	1.480	1496.2	1.98
800.	8.141	35.050	8.056	27.311	31.837	1.526	1496.6	1.45
850.	7.697	35.013	7.609	27.349	31.884	1.571	1495.7	1.71
900.	7.338	35.001	7.248	27.391	31.936	1.614	1495.1	1.79
950.	7.229	35.008	7.134	27.413	31.961	1.656	1495.5	1.24

DISCOVERY 102 STATION 10025

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.542	35.112	28.541	22.319	26.487	0.006	1542.9	-9.99
10.	28.546	35.113	28.544	22.318	26.487	0.055	1543.1	0.0
20.	28.660	35.193	28.655	22.340	26.508	0.111	1543.6	2.69
30.	28.423	35.120	28.416	22.364	26.536	0.166	1543.1	2.80
40.	28.244	35.060	28.235	22.378	26.553	0.220	1542.9	2.13
50.	28.310	35.090	28.298	22.379	26.554	0.275	1543.2	0.77
60.	28.490	35.188	28.476	22.392	26.566	0.330	1543.9	2.11
70.	28.545	35.256	28.528	22.426	26.599	0.385	1544.2	3.29
80.	28.586	35.311	28.567	22.453	26.626	0.439	1544.5	3.00
90.	25.909	35.488	25.889	23.447	27.652	0.491	1539.0	17.75
100.	23.600	35.354	23.579	24.045	28.282	0.533	1533.5	13.77
125.	16.333	35.258	16.313	25.885	30.233	0.600	1513.9	15.30
150.	15.644	35.234	15.620	26.025	30.386	0.652	1512.1	4.23
175.	15.054	35.210	15.027	26.138	30.512	0.703	1510.7	3.83
200.	13.771	35.156	13.742	26.372	30.770	0.747	1506.9	5.49
250.	12.327	35.100	12.293	26.621	31.048	0.826	1502.8	4.02
300.	11.726	35.056	11.687	26.703	31.143	0.899	1501.5	2.33
350.	11.240	35.035	11.196	26.777	31.228	0.969	1500.6	2.22
400.	10.800	35.006	10.751	26.834	31.296	1.036	1499.8	1.97
450.	10.622	35.163	10.567	26.989	31.454	1.099	1500.2	3.14
500.	10.158	35.153	10.098	27.063	31.538	1.157	1499.3	2.23
550.	9.147	35.029	9.085	27.136	31.634	1.210	1496.2	2.32
600.	8.906	35.011	8.840	27.161	31.666	1.262	1496.1	1.35
650.	8.632	35.028	8.561	27.218	31.730	1.312	1496.0	1.97
700.	8.533	35.032	8.457	27.237	31.751	1.362	1496.4	1.17
750.	8.220	35.062	8.140	27.308	31.831	1.409	1496.1	2.21
800.	8.148	35.071	8.063	27.326	31.851	1.455	1496.6	1.13
850.	7.544	35.010	7.457	27.369	31.908	1.499	1495.1	1.86
900.	7.391	35.015	7.300	27.395	31.938	1.541	1495.3	1.35
950.	7.252	35.001	7.156	27.404	31.951	1.583	1495.6	0.89

DISCOVERY 102 STATION 10026

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.009	34.814	27.008	22.594	26.782	0.005	1539.2	-9.99
10.	26.750	34.820	26.748	22.681	26.873	0.052	1538.8	5.55
20.	26.710	34.824	26.706	22.696	26.890	0.104	1538.9	2.20
30.	26.678	34.831	26.671	22.712	26.906	0.156	1539.0	2.33
40.	26.651	34.842	26.642	22.728	26.924	0.207	1539.1	2.33
50.	26.582	34.861	26.570	22.765	26.962	0.259	1539.1	3.43
60.	26.528	34.895	26.514	22.807	27.006	0.310	1539.2	3.72
70.	26.482	34.925	26.466	22.844	27.043	0.360	1539.3	3.47
80.	26.269	34.987	26.251	22.958	27.161	0.410	1539.1	6.01
90.	25.960	35.036	25.940	23.092	27.299	0.459	1538.6	6.52
100.	25.343	35.112	25.321	23.339	27.554	0.507	1537.4	8.88
125.	16.773	35.286	16.753	25.804	30.144	0.584	1515.2	17.69
150.	15.660	35.238	15.636	26.025	30.386	0.636	1512.2	5.33
175.	15.147	35.210	15.120	26.118	30.489	0.687	1511.0	3.48
200.	13.752	35.168	13.723	26.386	30.784	0.732	1506.8	5.87
250.	12.852	35.130	12.818	26.540	30.957	0.814	1504.6	3.18
300.	11.831	35.046	11.792	26.674	31.112	0.889	1501.8	2.98
350.	11.456	35.022	11.411	26.727	31.173	0.960	1501.3	1.88
400.	11.196	35.016	11.146	26.770	31.224	1.030	1501.2	1.72
450.	10.872	35.024	10.817	26.835	31.297	1.098	1500.9	2.09
500.	11.284	35.237	11.221	26.925	31.378	1.163	1503.4	2.35
550.	10.966	35.281	10.897	27.018	31.478	1.223	1503.2	2.48
600.	10.681	35.408	10.607	27.169	31.635	1.279	1503.1	3.12
650.	8.905	35.069	8.833	27.206	31.712	1.330	1497.0	1.98
700.	8.690	35.029	8.613	27.209	31.721	1.380	1497.0	0.67
750.	8.830	35.198	8.747	27.319	31.827	1.428	1498.6	2.61
800.	7.833	35.022	7.750	27.336	31.868	1.473	1495.4	1.49
850.	7.797	35.053	7.709	27.366	31.899	1.517	1496.1	1.40
900.	7.497	35.021	7.405	27.384	31.925	1.560	1495.7	1.26
950.	7.170	34.996	7.075	27.412	31.960	1.602	1495.2	1.50
1000.	6.958	34.989	6.859	27.436	31.991	1.643	1495.2	1.36
1100.	6.533	34.980	6.427	27.487	32.053	1.722	1495.2	1.41
1200.	6.165	35.001	6.052	27.553	32.128	1.798	1495.4	1.55
1300.	5.380	34.922	5.265	27.589	32.183	1.866	1493.8	1.38
1400.	4.915	34.875	4.795	27.607	32.215	1.932	1493.5	1.06
1500.	4.639	34.861	4.512	27.628	32.242	1.996	1494.0	1.00
1600.	4.395	34.862	4.261	27.656	32.278	2.059	1494.6	1.10
1700.	3.627	34.821	3.494	27.703	32.344	2.117	1493.0	1.59
1800.	3.218	34.803	3.081	27.729	32.381	2.170	1492.9	1.19
1900.	3.222	34.822	3.076	27.744	32.397	2.221	1494.6	0.69

DISCOVERY 102 STATION 10027

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.059	34.579	27.059	22.401	26.590	0.005	1539.1	-9.99
10.	26.604	34.722	26.602	22.652	26.847	0.054	1538.4	9.42
20.	25.969	34.815	25.965	22.922	27.125	0.104	1537.2	9.24
30.	25.450	34.900	25.444	23.147	27.356	0.153	1536.3	8.43
40.	24.926	34.990	24.918	23.375	27.592	0.199	1535.3	8.51
50.	24.384	35.075	24.373	23.602	27.827	0.244	1534.3	8.49
60.	23.713	35.153	23.700	23.860	28.094	0.286	1532.9	9.04
70.	22.470	35.270	22.456	24.307	28.558	0.324	1530.1	11.91
80.	19.790	35.433	19.776	25.161	29.451	0.358	1523.3	16.48
90.	17.926	35.306	17.910	25.541	29.861	0.384	1518.1	10.94
100.	17.453	35.287	17.437	25.642	29.970	0.408	1516.9	5.67
125.	15.780	35.248	15.761	26.005	30.363	0.463	1512.2	6.81
150.	14.859	35.218	14.836	26.188	30.563	0.513	1509.7	4.85
175.	14.456	35.210	14.430	26.269	30.652	0.559	1508.8	3.24
200.	13.920	35.179	13.892	26.359	30.753	0.603	1507.4	3.42
250.	12.875	35.149	12.841	26.551	30.966	0.682	1504.7	3.53
300.	11.708	35.079	11.670	26.724	31.164	0.757	1501.4	3.38
350.	11.695	35.148	11.650	26.780	31.221	0.826	1502.3	1.90
400.	11.519	35.235	11.467	26.881	31.326	0.891	1502.6	2.56
450.	10.458	35.062	10.404	26.939	31.409	0.954	1499.4	2.09
500.	10.842	35.245	10.780	27.013	31.474	1.014	1501.9	2.11
550.	10.600	35.318	10.533	27.113	31.580	1.070	1501.9	2.55
600.	9.837	35.204	9.766	27.157	31.641	1.123	1499.8	1.86
650.	9.647	35.206	9.572	27.191	31.680	1.175	1500.0	1.52
700.	9.502	35.246	9.421	27.247	31.741	1.226	1500.3	1.93
750.	9.253	35.265	9.167	27.303	31.803	1.273	1500.2	1.94
800.	9.117	35.270	9.027	27.329	31.832	1.320	1500.5	1.37
850.	8.669	35.265	8.575	27.398	31.911	1.365	1499.7	2.21
900.	8.267	35.216	8.170	27.422	31.945	1.407	1498.9	1.43
950.	7.787	35.155	7.687	27.447	31.981	1.448	1497.8	1.50
1000.	7.509	35.123	7.406	27.463	32.005	1.488	1497.5	1.21
1100.	7.067	35.100	6.957	27.508	32.061	1.566	1497.4	1.33
1200.	6.214	35.019	6.101	27.561	32.135	1.639	1495.6	1.56
1300.	5.576	34.971	5.459	27.604	32.194	1.708	1494.6	1.42
1400.	5.049	34.921	4.927	27.628	32.231	1.772	1494.1	1.17
1500.	4.667	34.908	4.539	27.661	32.275	1.834	1494.2	1.23
1600.	4.143	34.877	4.012	27.695	32.322	1.892	1493.6	1.31
1700.	3.779	34.845	3.643	27.707	32.345	1.948	1493.7	0.95
1800.	3.283	34.818	3.145	27.735	32.385	2.000	1493.2	1.27
1900.	2.901	34.810	2.759	27.764	32.425	2.048	1493.3	1.24

DISCOVERY 102 STATION 10028

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	25.211	35.007	25.211	23.300	27.511	0.005	1535.3	-9.99
10.	25.050	35.046	25.048	23.379	27.592	0.046	1535.2	5.30
20.	24.725	35.108	24.721	23.524	27.742	0.090	1534.6	6.79
30.	24.303	35.171	24.297	23.699	27.922	0.133	1533.9	7.45
40.	23.651	35.218	23.642	23.927	28.161	0.175	1532.5	8.52
50.	23.223	35.247	23.213	24.074	28.314	0.214	1531.6	6.82
60.	22.793	35.291	22.781	24.231	28.477	0.252	1530.8	7.06
70.	22.206	35.337	22.192	24.433	28.687	0.288	1529.5	8.00
80.	21.654	35.368	21.638	24.611	28.873	0.322	1528.3	7.52
90.	19.990	35.370	19.974	25.063	29.351	0.354	1524.0	11.99
100.	19.624	35.345	19.606	25.140	29.434	0.383	1523.1	4.95
125.	16.736	35.249	16.716	25.784	30.126	0.447	1515.1	9.06
150.	15.743	35.239	15.719	26.007	30.366	0.501	1512.5	5.33
175.	14.930	35.185	14.903	26.147	30.522	0.551	1510.2	4.26
200.	13.948	35.178	13.919	26.352	30.746	0.598	1507.5	5.15
250.	12.996	35.135	12.962	26.516	30.930	0.680	1505.1	3.26
300.	12.612	35.157	12.571	26.609	31.031	0.757	1504.6	2.48
350.	11.515	35.203	11.470	26.856	31.301	0.826	1501.7	4.02
400.	10.660	35.069	10.611	26.908	31.372	0.889	1499.4	1.93
450.	10.546	35.146	10.491	26.989	31.456	0.950	1499.9	2.29
500.	10.474	35.209	10.414	27.050	31.519	1.008	1500.5	1.99
550.	10.146	35.176	10.080	27.082	31.559	1.063	1500.1	1.53
600.	9.895	35.185	9.825	27.133	31.616	1.118	1500.0	1.85
650.	9.640	35.203	9.564	27.190	31.680	1.171	1499.9	1.97
700.	9.510	35.230	9.429	27.233	31.726	1.221	1500.3	1.70
750.	9.421	35.253	9.334	27.266	31.762	1.270	1500.8	1.50
800.	9.278	35.284	9.187	27.313	31.813	1.317	1501.2	1.77
850.	8.754	35.228	8.660	27.355	31.867	1.363	1500.0	1.81
900.	8.546	35.250	8.447	27.405	31.923	1.406	1500.0	1.87
950.	8.452	35.251	8.348	27.421	31.941	1.449	1500.5	1.07
1000.	8.276	35.233	8.167	27.434	31.959	1.491	1500.6	1.04
1100.	7.471	35.126	7.358	27.471	32.015	1.575	1499.0	1.35
1200.	6.488	35.047	6.372	27.546	32.114	1.652	1496.7	1.80
1300.	5.894	35.006	5.774	27.591	32.174	1.723	1496.0	1.42
1400.	5.302	34.962	5.177	27.630	32.228	1.789	1495.2	1.38
1500.	4.644	34.912	4.517	27.668	32.282	1.852	1494.1	1.40

DISCOVERY 102 STATION 10029

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.197	35.204	26.197	23.144	27.341	0.005	1537.8	-9.99
10.	25.542	35.290	25.540	23.412	27.617	0.047	1536.6	9.72
20.	24.555	35.323	24.550	23.738	27.957	0.090	1534.5	10.15
30.	23.980	35.523	23.974	24.061	28.287	0.130	1533.5	10.09
40.	23.236	35.560	23.228	24.307	28.543	0.168	1531.9	8.86
50.	22.207	35.495	22.197	24.553	28.804	0.203	1529.4	8.83
60.	21.853	35.485	21.841	24.644	28.902	0.236	1528.6	5.41
70.	21.335	35.492	21.321	24.794	29.059	0.269	1527.4	6.89
80.	20.814	35.487	20.799	24.932	29.205	0.300	1526.2	6.64
90.	19.491	35.422	19.475	25.232	29.527	0.330	1522.7	9.79
100.	17.976	35.365	17.959	25.573	29.892	0.356	1518.5	10.39
125.	15.978	35.240	15.958	25.954	30.309	0.411	1512.8	6.97
150.	15.478	35.215	15.455	26.048	30.413	0.463	1511.6	3.47
175.	14.790	35.201	14.764	26.189	30.567	0.511	1509.8	4.26
200.	13.111	35.187	13.083	26.533	30.942	0.555	1504.7	6.64
250.	12.899	35.250	12.865	26.624	31.038	0.632	1504.9	2.43
300.	12.234	35.284	12.194	26.782	31.210	0.702	1503.5	3.20
350.	11.425	35.239	11.381	26.901	31.347	0.768	1501.5	2.81
400.	10.626	35.132	10.577	26.963	31.427	0.828	1499.3	2.09
450.	10.372	35.190	10.318	27.054	31.524	0.887	1499.3	2.43
500.	10.132	35.147	10.073	27.063	31.539	0.943	1499.2	0.87
550.	9.964	35.148	9.899	27.092	31.573	0.999	1499.4	1.43
600.	9.872	35.162	9.802	27.118	31.602	1.053	1499.9	1.35
650.	9.620	35.197	9.545	27.189	31.679	1.105	1499.8	2.16
700.	9.519	35.206	9.438	27.213	31.706	1.156	1500.3	1.28
750.	9.183	35.218	9.097	27.278	31.779	1.206	1499.9	2.13
800.	8.688	35.214	8.600	27.355	31.867	1.251	1498.9	2.33

DISCOVERY 102 STATION 10031

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	30.266	35.394	30.266	21.947	26.093	0.006	1546.8	-9.99
10.	30.217	35.395	30.215	21.965	26.113	0.059	1546.9	2.59
20.	30.059	35.390	30.054	22.016	26.166	0.117	1546.7	4.03
30.	30.049	35.390	30.041	22.019	26.171	0.175	1546.8	1.22
40.	30.049	35.390	30.039	22.019	26.171	0.234	1547.0	0.0
50.	30.046	35.390	30.033	22.020	26.173	0.292	1547.2	0.77
60.	30.021	35.392	30.006	22.030	26.184	0.350	1547.3	1.90
70.	29.341	35.397	29.324	22.265	26.428	0.408	1546.0	8.65
80.	28.461	35.471	28.442	22.615	26.788	0.462	1544.4	10.52
90.	26.816	35.555	26.795	23.213	27.406	0.511	1541.1	13.77
100.	24.730	35.500	24.708	23.819	28.039	0.555	1536.4	13.88
125.	19.330	35.412	19.307	25.268	29.567	0.638	1522.8	13.57
150.	16.343	35.286	16.319	25.905	30.254	0.698	1514.4	9.02
175.	14.845	35.250	14.819	26.215	30.592	0.748	1510.1	6.31
200.	14.052	35.260	14.023	26.393	30.785	0.793	1507.9	4.78
250.	12.496	35.279	12.462	26.726	31.148	0.868	1503.6	4.64
300.	11.636	35.203	11.598	26.833	31.274	0.935	1501.3	2.67
350.	11.320	35.215	11.276	26.902	31.350	0.999	1501.1	2.13
400.	10.827	35.146	10.778	26.939	31.399	1.061	1500.1	1.63
450.	10.560	35.143	10.505	26.984	31.451	1.120	1499.9	1.76
500.	10.435	35.178	10.374	27.033	31.503	1.179	1500.3	1.81
550.	10.149	35.172	10.083	27.079	31.556	1.235	1500.1	1.77
600.	10.049	35.202	9.978	27.119	31.599	1.290	1500.6	1.65
650.	9.903	35.226	9.826	27.163	31.647	1.344	1500.9	1.73
700.	9.631	35.220	9.549	27.205	31.696	1.396	1500.7	1.70
750.	9.314	35.209	9.228	27.249	31.747	1.446	1500.4	1.79
800.	9.163	35.243	9.072	27.301	31.803	1.494	1500.7	1.86
850.	8.573	35.210	8.480	27.369	31.885	1.539	1499.2	2.25
900.	8.026	35.159	7.931	27.414	31.942	1.582	1497.9	1.88
950.	7.450	35.096	7.353	27.450	31.992	1.623	1496.5	1.76
1000.	7.463	35.132	7.360	27.477	32.019	1.663	1497.4	1.31
1100.	6.243	34.988	6.140	27.532	32.104	1.738	1494.0	1.65
1200.	5.910	34.969	5.800	27.560	32.141	1.809	1494.3	1.09
1300.	5.567	34.960	5.449	27.596	32.187	1.877	1494.6	1.22
1400.	5.168	34.909	5.045	27.604	32.205	1.943	1494.6	0.83
1500.	4.833	34.914	4.704	27.647	32.258	2.008	1494.8	1.32
1600.	4.168	34.865	4.037	27.682	32.309	2.068	1493.7	1.40
1700.	3.830	34.847	3.693	27.703	32.340	2.124	1493.9	1.07
1800.	3.424	34.824	3.284	27.726	32.373	2.178	1493.8	1.15
1900.	2.991	34.787	2.848	27.738	32.396	2.228	1493.6	1.03

DISCOVERY 102 STATION 10033

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.879	35.433	29.879	22.109	26.260	0.006	1546.1	-9.99
10.	29.881	35.436	29.879	22.110	26.262	0.057	1546.2	0.81
20.	29.848	35.443	29.843	22.128	26.280	0.115	1546.3	2.39
30.	29.676	35.492	29.668	22.223	26.378	0.171	1546.2	5.54
40.	29.489	35.489	29.479	22.284	26.443	0.227	1546.0	4.39
50.	29.542	35.532	29.530	22.298	26.456	0.283	1546.3	2.19
60.	29.226	35.475	29.211	22.363	26.525	0.339	1545.7	4.57
70.	28.312	35.462	28.295	22.658	26.833	0.393	1543.9	9.67
80.	26.855	35.584	26.837	23.222	27.414	0.442	1541.0	13.38
90.	25.802	35.795	25.782	23.713	27.917	0.487	1539.1	12.48
100.	24.236	35.603	24.215	24.045	28.272	0.527	1535.3	10.28
125.	20.446	35.439	20.422	24.995	29.277	0.613	1525.9	10.99
150.	17.338	35.382	17.313	25.743	30.074	0.680	1517.5	9.76
175.	14.954	35.386	14.928	26.296	30.670	0.731	1510.6	8.42
200.	13.763	35.343	13.734	26.518	30.915	0.772	1507.1	5.35
250.	11.985	35.134	11.952	26.714	31.147	0.846	1501.7	3.59
300.	11.329	35.114	11.291	26.822	31.270	0.914	1500.2	2.67
350.	10.922	35.110	10.878	26.894	31.351	0.978	1499.5	2.18
400.	10.973	35.178	10.923	26.937	31.394	1.040	1500.6	1.67
450.	10.584	35.153	10.530	26.987	31.453	1.100	1500.0	1.84
500.	10.102	35.130	10.042	27.054	31.531	1.157	1499.1	2.14
550.	9.826	35.112	9.762	27.087	31.571	1.213	1498.9	1.53
600.	9.875	35.147	9.804	27.106	31.590	1.268	1499.9	1.11
650.	9.974	35.241	9.897	27.163	31.645	1.322	1501.2	1.88
700.	9.735	35.250	9.653	27.211	31.699	1.374	1501.2	1.81
750.	9.606	35.292	9.518	27.266	31.757	1.423	1501.6	1.91
800.	9.160	35.265	9.069	27.318	31.820	1.471	1500.7	1.95
850.	8.787	35.238	8.692	27.357	31.869	1.516	1500.1	1.71
900.	8.305	35.197	8.207	27.401	31.923	1.560	1499.0	1.85
950.	7.956	35.195	7.855	27.453	31.983	1.601	1498.5	1.93
1000.	7.683	35.164	7.579	27.470	32.008	1.641	1498.3	1.21
1100.	6.873	35.095	6.764	27.532	32.089	1.718	1496.7	1.61
1200.	6.236	35.025	6.122	27.562	32.135	1.789	1495.7	1.24
1300.	5.793	34.997	5.673	27.598	32.182	1.858	1495.6	1.25
1400.	5.082	34.935	4.960	27.635	32.238	1.924	1494.2	1.40
1500.	4.499	34.893	4.373	27.669	32.287	1.985	1493.4	1.32
1600.	3.992	34.855	3.863	27.693	32.324	2.042	1492.9	1.19
1700.	3.635	34.834	3.502	27.713	32.354	2.097	1493.1	1.07
1800.	3.309	34.818	3.170	27.732	32.382	2.149	1493.3	1.05
1900.	3.009	34.810	2.865	27.755	32.413	2.199	1493.7	1.09

DISCOVERY 102 STATION 10034

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.678	35.556	29.678	22.270	26.423	0.006	1545.8	-9.99
10.	29.632	35.554	29.630	22.284	26.437	0.056	1545.8	2.24
20.	29.602	35.548	29.597	22.290	26.445	0.111	1545.9	1.54
30.	29.596	35.548	29.589	22.292	26.447	0.167	1546.1	0.95
40.	29.233	35.558	29.224	22.422	26.582	0.222	1545.5	6.43
50.	28.076	35.519	28.064	22.778	26.953	0.275	1543.2	10.62
60.	27.557	35.697	27.543	23.081	27.263	0.324	1542.4	9.81
70.	27.120	35.787	27.104	23.290	27.477	0.372	1541.7	8.14
80.	25.734	35.742	25.716	23.694	27.899	0.416	1538.7	11.32
90.	24.270	35.578	24.250	24.017	28.242	0.457	1535.2	10.13
100.	23.787	35.512	23.766	24.110	28.343	0.496	1534.1	5.48
125.	21.463	35.438	21.438	24.717	28.985	0.586	1528.6	8.79
150.	17.947	35.424	17.921	25.626	29.948	0.655	1519.3	10.76
175.	13.816	35.238	13.791	26.426	30.821	0.703	1506.7	10.13
200.	12.933	35.154	12.905	26.542	30.955	0.743	1504.1	3.90
250.	12.388	35.166	12.354	26.660	31.085	0.819	1503.1	2.77
300.	11.643	35.124	11.605	26.770	31.211	0.889	1501.3	2.70
350.	11.094	35.115	11.051	26.866	31.320	0.955	1500.2	2.51
400.	10.791	35.124	10.741	26.928	31.389	1.017	1499.9	2.03
450.	10.411	35.093	10.357	26.972	31.441	1.078	1499.3	1.74
500.	10.319	35.147	10.258	27.030	31.503	1.136	1499.9	1.94
550.	10.038	35.152	9.973	27.082	31.561	1.193	1499.7	1.89
600.	9.854	35.154	9.783	27.115	31.600	1.248	1499.8	1.54
650.	9.904	35.189	9.827	27.134	31.618	1.302	1500.9	1.08
700.	9.832	35.252	9.749	27.196	31.682	1.355	1501.5	2.01
750.	9.271	35.207	9.186	27.255	31.754	1.405	1500.2	2.08
800.	9.341	35.301	9.249	27.316	31.815	1.453	1501.4	1.95
850.	8.827	35.238	8.732	27.351	31.861	1.499	1500.2	1.69
900.	8.526	35.246	8.427	27.405	31.923	1.543	1499.9	1.95
950.	8.198	35.213	8.095	27.430	31.956	1.585	1499.5	1.45
1000.	7.868	35.168	7.763	27.445	31.979	1.626	1499.0	1.19
1100.	6.827	35.078	6.719	27.525	32.083	1.704	1496.5	1.82
1200.	6.318	35.061	6.204	27.580	32.152	1.776	1496.1	1.49
1300.	5.598	34.988	5.481	27.614	32.204	1.843	1494.8	1.34
1400.	4.935	34.940	4.814	27.656	32.262	1.906	1493.6	1.44
1500.	4.362	34.893	4.238	27.684	32.305	1.965	1492.9	1.25
1600.	4.040	34.870	3.910	27.700	32.330	2.021	1493.2	0.95
1700.	3.647	34.847	3.513	27.722	32.362	2.076	1493.1	1.13
1800.	3.235	34.814	3.097	27.736	32.388	2.128	1493.0	1.04
1900.	2.930	34.807	2.788	27.759	32.419	2.176	1493.4	1.09

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DISCOVERY 102 STATION 10035

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.452	35.581	29.452	22.365	26.520	0.005	1545.3	-9.99
10.	29.466	35.577	29.463	22.358	26.513	0.055	1545.5	-1.54
20.	29.458	35.579	29.453	22.362	26.518	0.110	1545.7	1.23
30.	29.404	35.581	29.397	22.382	26.539	0.165	1545.7	2.58
40.	29.392	35.586	29.383	22.390	26.548	0.219	1545.9	1.64
50.	29.359	35.608	29.347	22.417	26.577	0.274	1546.0	2.96
60.	28.158	35.673	28.143	22.867	27.041	0.327	1543.7	11.94
70.	27.158	35.789	27.142	23.279	27.466	0.375	1541.8	11.43
80.	26.247	35.715	26.229	23.513	27.711	0.421	1539.8	8.62
90.	24.987	35.619	24.967	23.831	28.047	0.463	1537.0	10.05
100.	24.180	35.576	24.159	24.042	28.269	0.503	1535.2	8.19
125.	21.980	35.512	21.955	24.629	28.889	0.596	1530.0	8.65
150.	18.285	35.471	18.258	25.578	29.893	0.668	1520.3	10.99
175.	15.494	35.355	15.467	26.152	30.516	0.723	1512.2	8.57
200.	13.399	35.181	13.371	26.469	30.873	0.766	1505.7	6.41
250.	12.606	35.180	12.572	26.628	31.049	0.844	1503.8	3.21
300.	11.557	35.149	11.518	26.807	31.250	0.914	1501.0	3.42
350.	10.981	35.109	10.937	26.882	31.338	0.979	1499.7	2.23
400.	10.665	35.120	10.616	26.948	31.411	1.040	1499.4	2.10
450.	11.051	35.224	10.995	26.958	31.415	1.100	1501.8	0.76
500.	10.947	35.313	10.884	27.046	31.506	1.158	1502.3	2.38
550.	10.312	35.222	10.246	27.089	31.563	1.215	1500.8	1.79
600.	9.790	35.145	9.719	27.119	31.605	1.269	1499.6	1.54
650.	9.778	35.171	9.701	27.142	31.629	1.323	1500.4	1.23
700.	9.498	35.169	9.417	27.187	31.681	1.376	1500.2	1.79
750.	10.202	35.363	10.112	27.218	31.697	1.428	1503.8	1.14
800.	9.879	35.354	9.784	27.267	31.754	1.478	1503.5	1.87
850.	9.123	35.261	9.026	27.322	31.826	1.526	1501.4	2.08
900.	8.568	35.204	8.469	27.366	31.883	1.572	1500.0	1.87
950.	8.099	35.176	7.998	27.416	31.944	1.615	1499.1	1.96
1000.	7.652	35.133	7.548	27.449	31.988	1.657	1498.1	1.67
1100.	6.914	35.064	6.805	27.501	32.058	1.735	1496.8	1.51
1200.	6.237	35.024	6.123	27.561	32.135	1.810	1495.7	1.58
1300.	5.525	34.974	5.408	27.613	32.204	1.877	1494.4	1.52
1400.	4.854	34.920	4.734	27.650	32.258	1.940	1493.3	1.38
1500.	4.330	34.878	4.207	27.675	32.298	1.999	1492.7	1.20
1600.	3.985	34.855	3.856	27.694	32.325	2.056	1492.9	1.02
1700.	3.648	34.835	3.514	27.713	32.353	2.110	1493.1	1.04
1800.	3.142	34.811	3.006	27.742	32.396	2.162	1492.6	1.30
1900.	2.865	34.794	2.724	27.755	32.416	2.210	1493.1	0.92

DISCOVERY 102 STATION 10036

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.295	35.452	29.295	22.322	26.480	0.006	1544.9	-9.99
10.	29.294	35.452	29.291	22.322	26.480	0.055	1545.0	0.59
20.	29.257	35.451	29.252	22.334	26.494	0.110	1545.1	1.98
30.	29.186	35.450	29.179	22.357	26.519	0.166	1545.1	2.75
40.	29.170	35.451	29.161	22.363	26.525	0.221	1545.2	1.46
50.	29.153	35.452	29.141	22.370	26.534	0.276	1545.4	1.64
60.	29.141	35.454	29.127	22.375	26.540	0.331	1545.5	1.35
70.	29.147	35.474	29.130	22.388	26.553	0.385	1545.7	2.05
80.	28.759	35.773	28.740	22.743	26.911	0.439	1545.4	10.60
90.	26.591	35.697	26.570	23.391	27.586	0.487	1540.7	14.33
100.	26.357	35.999	26.334	23.693	27.890	0.531	1540.7	9.77
125.	21.878	35.632	21.853	24.749	29.009	0.626	1529.9	11.59
150.	18.476	35.440	18.449	25.507	29.820	0.698	1520.8	9.83
175.	16.218	35.413	16.190	26.031	30.382	0.755	1514.5	8.19
200.	14.399	35.349	14.370	26.388	30.773	0.801	1509.2	6.77
250.	13.020	35.331	12.985	26.662	31.073	0.880	1505.4	4.21
300.	12.313	35.420	12.272	26.872	31.298	0.947	1504.0	3.68
350.	11.507	35.317	11.462	26.946	31.390	1.008	1501.9	2.25
400.	10.962	35.281	10.913	27.019	31.475	1.068	1500.7	2.22
450.	10.535	35.235	10.480	27.060	31.526	1.124	1499.9	1.72
500.	9.485	35.049	9.428	27.096	31.586	1.179	1496.7	1.72
550.	9.492	35.064	9.429	27.107	31.598	1.233	1497.6	0.88
600.	9.486	35.074	9.417	27.115	31.608	1.287	1498.4	0.78
650.	9.622	35.130	9.546	27.136	31.627	1.341	1499.8	1.13
700.	9.739	35.200	9.657	27.171	31.660	1.394	1501.1	1.47
750.	9.517	35.216	9.430	27.221	31.715	1.446	1501.1	1.86
800.	9.405	35.252	9.313	27.267	31.765	1.496	1501.6	1.75
850.	9.312	35.286	9.215	27.309	31.809	1.544	1502.1	1.67
900.	8.840	35.284	8.739	27.385	31.896	1.590	1501.2	2.33
950.	8.670	35.286	8.564	27.414	31.929	1.634	1501.4	1.44
1000.	7.851	35.164	7.746	27.445	31.979	1.676	1498.9	1.76
1100.	7.044	35.096	6.934	27.508	32.062	1.754	1497.3	1.64
1200.	6.386	35.041	6.271	27.555	32.125	1.828	1496.3	1.44
1300.	5.899	35.014	5.778	27.598	32.180	1.898	1496.0	1.35
1400.	5.163	34.956	5.040	27.642	32.243	1.964	1494.6	1.48
1500.	4.718	34.930	4.590	27.673	32.286	2.025	1494.4	1.22
1600.	4.072	34.873	3.942	27.699	32.329	2.082	1493.3	1.29
1700.	3.766	34.853	3.631	27.715	32.353	2.137	1493.7	0.97
1800.	3.446	34.848	3.306	27.743	32.390	2.189	1494.0	1.16
1900.	3.063	34.824	2.919	27.761	32.417	2.238	1494.0	1.09

DISCOVERY 102 STATION 10037

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.973	35.416	28.972	22.404	26.565	0.005	1544.1	-9.99
10.	28.977	35.416	28.975	22.402	26.564	0.054	1544.3	-0.59
20.	28.980	35.416	28.975	22.401	26.563	0.109	1544.5	0.0
30.	28.989	35.415	28.981	22.397	26.560	0.164	1544.7	-0.95
40.	28.989	35.415	28.980	22.397	26.561	0.218	1544.8	0.54
50.	28.974	35.415	28.962	22.402	26.567	0.273	1545.0	1.34
60.	28.953	35.415	28.939	22.409	26.576	0.328	1545.1	1.65
70.	28.879	35.455	28.862	22.464	26.632	0.382	1545.1	4.18
80.	28.043	35.559	28.024	22.819	26.997	0.435	1543.6	10.61
90.	26.594	35.687	26.573	23.383	27.578	0.484	1540.7	13.37
100.	25.587	35.887	25.564	23.849	28.056	0.527	1538.8	12.15
125.	21.656	35.506	21.632	24.715	28.979	0.619	1529.2	10.50
150.	19.285	35.435	19.258	25.296	29.597	0.693	1523.1	8.60
175.	17.604	35.431	17.574	25.715	30.044	0.757	1518.7	7.32
200.	15.406	35.365	15.376	26.180	30.546	0.810	1512.4	7.71
250.	12.975	35.340	12.940	26.678	31.091	0.894	1505.3	5.67
300.	11.170	35.158	11.132	26.885	31.335	0.960	1499.7	3.70
350.	11.078	35.292	11.034	27.006	31.459	1.020	1500.3	2.78
400.	10.823	35.268	10.773	27.034	31.493	1.077	1500.2	1.39
450.	9.795	35.120	9.743	27.099	31.581	1.132	1497.1	2.17
500.	9.340	35.023	9.284	27.100	31.594	1.186	1496.1	0.64
550.	9.397	35.052	9.334	27.113	31.606	1.240	1497.2	0.93
600.	9.335	35.050	9.267	27.122	31.617	1.293	1497.8	0.81
650.	9.204	35.038	9.130	27.134	31.633	1.347	1498.1	0.98
700.	9.084	35.035	9.006	27.151	31.654	1.400	1498.5	1.12
750.	9.105	35.069	9.020	27.174	31.678	1.453	1499.4	1.22
800.	9.519	35.226	9.426	27.228	31.723	1.505	1502.0	1.74
850.	9.421	35.272	9.322	27.280	31.778	1.555	1502.5	1.86
900.	9.159	35.257	9.056	27.312	31.817	1.603	1502.3	1.53
950.	8.746	35.273	8.639	27.392	31.906	1.649	1501.6	2.36
1000.	8.280	35.247	8.171	27.445	31.970	1.692	1500.7	2.01
1100.	7.286	35.111	7.174	27.486	32.034	1.773	1498.3	1.45
1200.	6.602	35.049	6.486	27.532	32.098	1.850	1497.2	1.44
1300.	5.976	35.008	5.855	27.583	32.164	1.921	1496.3	1.48
1400.	5.491	34.973	5.365	27.616	32.209	1.989	1496.0	1.26
1500.	4.809	34.916	4.680	27.652	32.263	2.052	1494.8	1.39
1600.	4.392	34.899	4.259	27.685	32.307	2.112	1494.7	1.26
1700.	3.946	34.866	3.808	27.707	32.340	2.169	1494.4	1.16
1800.	3.533	34.846	3.392	27.733	32.377	2.222	1494.3	1.19
1900.	3.188	34.826	3.042	27.750	32.404	2.273	1494.5	1.05

DISCOVERY 102 STATION 10038

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	29.035	35.432	29.035	22.394	26.555	0.005	1544.3	-9.99
10.	29.036	35.425	29.033	22.389	26.550	0.055	1544.4	-1.30
20.	29.010	35.423	29.005	22.396	26.559	0.109	1544.5	1.65
30.	28.972	35.424	28.965	22.409	26.572	0.164	1544.6	2.13
40.	28.960	35.424	28.950	22.414	26.578	0.218	1544.8	1.34
50.	28.955	35.424	28.943	22.415	26.581	0.273	1544.9	0.78
60.	28.944	35.424	28.929	22.419	26.586	0.327	1545.1	1.23
70.	28.889	35.425	28.872	22.438	26.606	0.382	1545.1	2.51
80.	28.595	35.447	28.576	22.552	26.724	0.436	1544.7	6.04
90.	26.640	35.500	26.619	23.227	27.423	0.486	1540.6	14.63
100.	25.557	35.560	25.535	23.612	27.822	0.531	1538.4	11.05
125.	21.242	35.508	21.218	24.831	29.100	0.623	1528.1	12.45
150.	18.799	35.443	18.773	25.427	29.735	0.695	1521.8	8.72
175.	16.599	35.411	16.571	25.941	30.286	0.756	1515.7	8.11
200.	14.810	35.331	14.780	26.285	30.663	0.804	1510.4	6.65
250.	13.065	35.334	13.031	26.656	31.066	0.886	1505.6	4.89
300.	11.601	35.236	11.562	26.866	31.307	0.953	1501.3	3.72
350.	11.261	35.279	11.217	26.963	31.412	1.015	1500.9	2.50
400.	10.929	35.242	10.880	26.994	31.451	1.074	1500.5	1.50
450.	10.300	35.163	10.246	27.045	31.517	1.131	1499.0	1.91
500.	10.056	35.157	9.997	27.083	31.560	1.187	1498.9	1.60
550.	9.961	35.169	9.896	27.109	31.589	1.241	1499.4	1.35
600.	9.799	35.157	9.729	27.127	31.613	1.295	1499.6	1.15
650.	9.262	35.069	9.188	27.148	31.646	1.349	1498.4	1.36
700.	9.280	35.094	9.201	27.165	31.663	1.402	1499.3	1.03
750.	9.643	35.253	9.556	27.229	31.720	1.454	1501.6	1.93
800.	9.702	35.326	9.608	27.276	31.767	1.503	1502.8	1.73
850.	8.841	35.204	8.746	27.323	31.833	1.551	1500.2	1.99
900.	8.630	35.205	8.531	27.356	31.872	1.596	1500.3	1.55
950.	8.245	35.186	8.142	27.402	31.927	1.640	1499.6	1.85
1000.	7.521	35.113	7.418	27.453	31.995	1.681	1497.6	2.07
1100.	7.089	35.091	6.979	27.498	32.051	1.761	1497.5	1.34
1200.	6.715	35.070	6.597	27.533	32.096	1.837	1497.7	1.22
1300.	6.071	35.013	5.948	27.574	32.153	1.910	1496.7	1.38
1400.	5.640	34.990	5.512	27.611	32.201	1.978	1496.6	1.29
1500.	4.907	34.928	4.777	27.650	32.258	2.043	1495.2	1.44
1600.	4.303	34.879	4.170	27.679	32.302	2.102	1494.3	1.29
1700.	3.794	34.847	3.658	27.708	32.344	2.159	1493.8	1.26
1800.	3.556	34.842	3.414	27.727	32.371	2.212	1494.4	1.00
1900.	3.357	34.826	3.209	27.734	32.384	2.264	1495.2	0.74

DISCOVERY 102 STATION 10039

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.946	35.406	28.945	22.404	26.566	0.005	1544.1	-9.99
10.	28.948	35.409	28.945	22.406	26.569	0.054	1544.2	1.00
20.	28.915	35.409	28.910	22.417	26.581	0.109	1544.3	1.90
30.	28.900	35.408	28.893	22.422	26.587	0.163	1544.5	1.35
40.	28.883	35.410	28.873	22.429	26.594	0.218	1544.6	1.55
50.	28.861	35.416	28.849	22.441	26.607	0.272	1544.7	2.05
60.	28.806	35.427	28.792	22.467	26.636	0.326	1544.8	2.95
70.	27.361	35.503	27.345	22.999	27.184	0.378	1541.9	12.98
80.	27.186	35.519	27.167	23.067	27.255	0.427	1541.7	4.66
90.	26.485	35.529	26.464	23.297	27.494	0.475	1540.3	8.55
100.	24.283	35.538	24.262	23.982	28.209	0.516	1535.4	14.73
125.	21.003	35.451	20.979	24.854	29.127	0.605	1527.4	10.53
150.	18.487	35.449	18.460	25.511	29.823	0.676	1520.9	9.15
175.	15.857	35.384	15.829	26.092	30.450	0.733	1513.4	8.63
200.	14.458	35.406	14.428	26.420	30.802	0.779	1509.4	6.48
250.	12.474	35.273	12.441	26.726	31.149	0.855	1503.5	4.47
300.	11.233	35.213	11.195	26.916	31.365	0.920	1500.0	3.53
350.	10.720	35.129	10.677	26.945	31.406	0.980	1498.8	1.44
400.	10.989	35.254	10.939	26.993	31.448	1.040	1500.8	1.71
450.	10.245	35.169	10.191	27.060	31.532	1.097	1498.8	2.16
500.	9.868	35.127	9.809	27.092	31.574	1.151	1498.2	1.53
550.	9.762	35.134	9.698	27.116	31.600	1.206	1498.7	1.28
600.	9.869	35.194	9.798	27.144	31.628	1.259	1499.9	1.34
650.	10.304	35.358	10.225	27.197	31.672	1.311	1502.5	1.73
700.	9.963	35.339	9.880	27.241	31.724	1.362	1502.1	1.78
750.	9.119	35.260	9.034	27.321	31.823	1.410	1499.7	2.45
800.	8.775	35.224	8.686	27.349	31.859	1.455	1499.2	1.45
850.	8.425	35.212	8.333	27.395	31.913	1.498	1498.7	1.83
900.	7.798	35.158	7.704	27.447	31.981	1.540	1497.1	2.05
950.	7.602	35.152	7.504	27.472	32.011	1.579	1497.1	1.35
1000.	7.373	35.112	7.272	27.474	32.019	1.619	1497.0	0.67
1100.	6.927	35.068	6.818	27.503	32.059	1.695	1496.9	1.14
1200.	6.559	35.079	6.442	27.562	32.128	1.771	1497.1	1.49
1300.	5.963	35.006	5.842	27.583	32.164	1.842	1496.2	1.12
1400.	5.509	35.002	5.382	27.636	32.229	1.909	1496.1	1.48
1500.	4.727	34.937	4.598	27.678	32.290	1.970	1494.4	1.48
1600.	4.178	34.889	4.046	27.701	32.328	2.027	1493.8	1.19
1700.	3.858	34.863	3.721	27.714	32.349	2.082	1494.1	0.94
1800.	3.550	34.842	3.408	27.728	32.372	2.136	1494.4	0.96
1900.	3.408	34.832	3.259	27.734	32.383	2.188	1495.5	0.66

DISCOVERY 102 STATION 10040

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.147	35.184	28.147	22.503	26.676	0.005	1542.1	-9.99
10.	28.147	35.183	28.144	22.502	26.676	0.054	1542.3	0.0
20.	28.139	35.179	28.134	22.502	26.676	0.107	1542.4	0.14
30.	28.145	35.180	28.138	22.500	26.675	0.161	1542.6	-0.54
40.	28.145	35.180	28.136	22.500	26.676	0.214	1542.8	0.0
50.	28.083	35.175	28.071	22.518	26.695	0.268	1542.8	2.39
60.	28.210	35.268	28.195	22.546	26.722	0.321	1543.3	3.00
70.	27.842	35.476	27.825	22.822	27.002	0.374	1542.9	9.37
80.	25.690	35.514	25.672	23.536	27.743	0.421	1538.3	15.04
90.	24.799	35.529	24.780	23.820	28.039	0.464	1536.4	9.50
100.	23.290	35.502	23.269	24.246	28.486	0.504	1532.9	11.65
125.	18.953	35.442	18.931	25.388	29.692	0.579	1521.8	12.04
150.	17.530	35.415	17.505	25.721	30.050	0.641	1518.1	6.53
175.	15.599	35.371	15.571	26.140	30.502	0.695	1512.6	7.32
200.	14.625	35.458	14.595	26.423	30.803	0.739	1510.0	6.01
250.	12.728	35.273	12.694	26.676	31.093	0.816	1504.4	4.07
300.	12.289	35.357	12.249	26.827	31.254	0.885	1503.8	3.13
350.	10.830	35.119	10.787	26.917	31.376	0.948	1499.2	2.52
400.	10.646	35.126	10.597	26.956	31.420	1.009	1499.4	1.60
450.	10.685	35.192	10.630	27.000	31.464	1.068	1500.4	1.69
500.	10.393	35.197	10.333	27.056	31.526	1.125	1500.2	1.94
550.	9.919	35.120	9.854	27.078	31.559	1.181	1499.2	1.33
600.	9.779	35.135	9.709	27.114	31.600	1.236	1499.5	1.56
650.	9.792	35.181	9.716	27.147	31.634	1.290	1500.5	1.47
700.	10.138	35.321	10.054	27.197	31.677	1.343	1502.7	1.69
750.	9.733	35.310	9.645	27.258	31.747	1.393	1502.0	2.07
800.	8.754	35.213	8.666	27.344	31.854	1.440	1499.1	2.55
850.	8.352	35.200	8.260	27.396	31.916	1.483	1498.4	1.95
900.	8.050	35.164	7.954	27.414	31.942	1.525	1498.0	1.25
950.	7.692	35.122	7.593	27.435	31.971	1.567	1497.4	1.36
1000.	7.679	35.162	7.575	27.469	32.007	1.607	1498.2	1.47
1100.	7.189	35.099	7.078	27.490	32.040	1.686	1497.9	1.05
1200.	6.702	35.067	6.585	27.533	32.095	1.762	1497.6	1.34
1300.	6.347	35.043	6.222	27.562	32.134	1.836	1497.8	1.14

DISCOVERY 102 STATION 10042

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.917	35.107	27.917	22.520	26.696	0.005	1541.6	-9.99
10.	27.672	35.109	27.669	22.602	26.782	0.053	1541.2	5.40
20.	27.632	35.111	27.627	22.616	26.797	0.106	1541.3	2.20
30.	27.630	35.119	27.623	22.623	26.804	0.158	1541.4	1.56
40.	27.743	35.179	27.734	22.631	26.811	0.211	1541.9	1.64
50.	27.863	35.316	27.851	22.695	26.874	0.263	1542.5	4.52
60.	26.137	35.448	26.124	23.346	27.546	0.311	1538.9	14.35
70.	25.738	35.459	25.723	23.479	27.686	0.356	1538.2	6.52
80.	24.981	35.525	24.963	23.762	27.978	0.399	1536.7	9.47
90.	24.224	35.544	24.205	24.004	28.230	0.440	1535.1	8.78
100.	22.374	35.485	22.354	24.497	28.750	0.478	1530.6	12.52
125.	19.947	35.439	19.923	25.127	29.416	0.557	1524.5	8.95
150.	17.625	35.421	17.600	25.702	30.029	0.625	1518.3	8.56
175.	16.120	35.487	16.092	26.110	30.462	0.678	1514.3	7.22
200.	14.248	35.446	14.219	26.495	30.882	0.723	1508.8	7.03
250.	13.274	35.439	13.239	26.694	31.100	0.798	1506.4	3.59
300.	12.566	35.388	12.525	26.797	31.219	0.867	1504.8	2.62
350.	12.805	35.526	12.757	26.856	31.274	0.933	1506.6	1.92
400.	11.341	35.269	11.291	26.940	31.389	0.996	1502.0	2.47
450.	10.756	35.218	10.701	27.007	31.469	1.055	1500.7	2.14
500.	10.327	35.188	10.267	27.060	31.532	1.112	1500.0	1.92
550.	10.061	35.187	9.996	27.105	31.584	1.167	1499.8	1.75
600.	10.181	35.267	10.109	27.147	31.624	1.221	1501.2	1.62
650.	9.857	35.270	9.780	27.205	31.690	1.274	1500.8	2.00

DISCOVERY 102 STATION 10045

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.163	35.105	28.163	22.438	26.610	0.005	1542.1	-9.99
10.	28.088	35.103	28.085	22.461	26.636	0.054	1542.1	2.89
20.	28.046	35.106	28.041	22.478	26.653	0.108	1542.1	2.27
30.	28.044	35.108	28.037	22.479	26.656	0.162	1542.3	0.95
40.	28.030	35.099	28.021	22.477	26.655	0.216	1542.4	-0.54
50.	27.971	35.137	27.959	22.525	26.704	0.269	1542.5	3.92
60.	27.650	35.133	27.636	22.627	26.810	0.322	1542.0	5.71
70.	26.623	35.105	26.607	22.935	27.132	0.374	1539.8	9.89
80.	23.358	35.128	23.342	23.945	28.185	0.420	1532.3	17.88
90.	22.579	35.185	22.561	24.213	28.463	0.458	1530.6	9.21
100.	22.052	35.214	22.032	24.383	28.642	0.495	1529.4	7.38
125.	17.662	35.198	17.641	25.523	29.850	0.575	1517.8	12.04
150.	14.855	35.194	14.832	26.170	30.545	0.630	1509.6	9.09
175.	14.428	35.198	14.402	26.266	30.650	0.677	1508.7	3.53
200.	12.266	35.089	12.239	26.624	31.051	0.718	1501.7	6.80
250.	10.681	34.929	10.651	26.795	31.257	0.787	1496.8	3.37
300.	10.175	34.894	10.140	26.858	31.330	0.851	1495.8	2.04
350.	9.684	34.863	9.644	26.917	31.401	0.914	1494.8	2.02
400.	9.289	34.850	9.244	26.973	31.467	0.974	1494.1	1.93
450.	9.284	34.907	9.233	27.018	31.513	1.031	1495.0	1.70
500.	9.180	34.956	9.124	27.074	31.571	1.087	1495.5	1.92
550.	8.878	34.955	8.818	27.122	31.626	1.141	1495.2	1.81
600.	8.812	34.973	8.746	27.146	31.653	1.194	1495.7	1.30
650.	8.689	35.000	8.618	27.187	31.697	1.245	1496.1	1.64
700.	8.521	34.990	8.445	27.206	31.721	1.296	1496.3	1.19
750.	8.432	35.010	8.351	27.235	31.753	1.346	1496.8	1.42
800.	8.334	35.030	8.248	27.266	31.787	1.394	1497.3	1.46
850.	8.265	35.066	8.174	27.304	31.828	1.442	1497.9	1.59
900.	8.245	35.090	8.148	27.327	31.851	1.488	1498.7	1.21
950.	7.630	35.001	7.532	27.349	31.888	1.534	1497.0	1.52
1000.	6.865	34.907	6.767	27.385	31.942	1.578	1494.7	1.83
1100.	6.181	34.878	6.078	27.454	32.028	1.660	1493.6	1.65
1200.	6.028	34.924	5.916	27.510	32.088	1.736	1494.7	1.39
1300.	5.690	34.910	5.572	27.541	32.128	1.810	1495.0	1.16
1400.	5.271	34.889	5.147	27.576	32.176	1.881	1494.9	1.25
1500.	5.106	34.890	4.973	27.597	32.200	1.949	1495.9	0.94
1600.	4.163	34.808	4.032	27.637	32.265	2.014	1493.6	1.57
1700.	3.665	34.793	3.531	27.677	32.317	2.073	1493.1	1.38
1800.	3.174	34.768	3.037	27.706	32.360	2.128	1492.7	1.28
1900.	2.870	34.769	2.729	27.734	32.396	2.179	1493.1	1.18

DISCOVERY 102 STATION 10046

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.355	35.142	28.355	22.403	26.573	0.005	1542.5	-9.99
10.	28.367	35.188	28.365	22.433	26.604	0.054	1542.8	3.33
20.	28.357	35.188	28.352	22.437	26.608	0.109	1542.9	1.23
30.	28.364	35.177	28.357	22.426	26.599	0.163	1543.1	-1.74
40.	28.342	35.186	28.333	22.440	26.613	0.217	1543.2	2.13
50.	28.275	35.170	28.264	22.450	26.625	0.271	1543.2	1.82
60.	28.174	35.142	28.160	22.462	26.640	0.326	1543.1	2.06
70.	28.034	35.109	28.018	22.484	26.664	0.380	1543.0	2.64
80.	25.123	35.113	25.106	23.406	27.623	0.431	1536.5	17.10
90.	20.382	35.179	20.365	24.814	29.097	0.468	1524.8	21.12
100.	17.965	35.196	17.947	25.447	29.768	0.497	1518.2	14.19
125.	15.249	35.195	15.230	26.084	30.451	0.549	1510.5	9.00
150.	13.178	35.167	13.157	26.504	30.910	0.594	1504.1	7.33
175.	11.425	35.012	11.403	26.725	31.168	0.631	1498.3	5.36
200.	10.699	34.951	10.675	26.810	31.269	0.664	1496.1	3.34
250.	10.020	34.910	9.991	26.897	31.372	0.726	1494.4	2.41
300.	9.834	34.926	9.799	26.941	31.421	0.786	1494.6	1.72
350.	9.443	34.891	9.404	26.979	31.469	0.845	1493.9	1.62
400.	9.200	34.887	9.156	27.016	31.512	0.902	1493.8	1.57
450.	9.039	34.870	8.989	27.029	31.529	0.959	1494.0	1.00
500.	9.173	34.949	9.117	27.069	31.567	1.015	1495.4	1.58
550.	8.917	34.939	8.857	27.103	31.607	1.069	1495.3	1.53
600.	8.771	34.973	8.706	27.153	31.661	1.122	1495.6	1.83
650.	9.241	35.112	9.167	27.186	31.684	1.173	1498.3	1.30
700.	9.183	35.111	9.104	27.194	31.694	1.225	1498.9	0.81
750.	8.545	34.995	8.464	27.206	31.721	1.276	1497.2	1.19
800.	8.446	35.019	8.359	27.240	31.758	1.326	1497.7	1.52
850.	8.537	35.120	8.444	27.305	31.822	1.374	1499.0	2.01
900.	8.481	35.125	8.383	27.317	31.837	1.421	1499.6	0.95
950.	8.359	35.115	8.256	27.329	31.852	1.468	1500.0	0.97
1000.	8.057	35.068	7.951	27.338	31.868	1.514	1499.6	1.03
1100.	7.030	35.028	6.921	27.456	32.011	1.599	1497.2	2.12
1200.	6.273	34.945	6.159	27.494	32.067	1.677	1495.8	1.37
1300.	5.656	34.902	5.538	27.539	32.128	1.752	1494.9	1.42
1400.	4.924	34.858	4.803	27.592	32.199	1.821	1493.5	1.57
1500.	4.352	34.809	4.229	27.618	32.239	1.886	1492.7	1.21
1600.	3.781	34.783	3.655	27.658	32.294	1.947	1492.0	1.41
1700.	3.291	34.767	3.162	27.693	32.342	2.003	1491.5	1.34
1800.	3.051	34.768	2.916	27.717	32.373	2.055	1492.2	1.06
1900.	2.757	34.759	2.617	27.736	32.401	2.105	1492.6	1.03

DISCOVERY 102 STATION 10047

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.090	34.830	28.090	22.255	26.431	0.006	1541.6	-9.99
10.	28.095	34.832	28.093	22.255	26.431	0.056	1541.8	0.0
20.	28.099	34.835	28.094	22.257	26.433	0.112	1542.0	0.78
30.	28.091	34.845	28.084	22.266	26.444	0.168	1542.1	1.82
40.	28.074	34.865	28.064	22.288	26.466	0.224	1542.3	2.63
50.	28.057	34.918	28.045	22.332	26.511	0.279	1542.5	3.80
60.	26.975	34.997	26.962	22.742	26.935	0.333	1540.3	11.39
70.	23.526	35.104	23.512	23.877	28.114	0.380	1532.5	18.96
80.	21.751	35.110	21.735	24.388	28.651	0.418	1528.2	12.74
90.	20.488	35.133	20.471	24.751	29.032	0.451	1525.1	10.73
100.	18.428	35.175	18.410	25.316	29.630	0.481	1519.6	13.41
125.	15.917	35.220	15.897	25.952	30.309	0.540	1512.6	9.00
150.	13.695	35.210	13.674	26.430	30.827	0.585	1505.9	7.82
175.	11.436	35.008	11.414	26.720	31.162	0.622	1498.4	6.12
200.	9.801	34.883	9.778	26.913	31.392	0.654	1492.8	5.04
250.	9.523	34.827	9.494	26.916	31.402	0.714	1492.5	0.57
300.	9.570	34.894	9.536	26.961	31.446	0.773	1493.6	1.70
350.	9.327	34.890	9.288	26.998	31.490	0.831	1493.5	1.57
400.	9.603	34.997	9.557	27.035	31.521	0.887	1495.4	1.50
450.	9.354	34.978	9.304	27.062	31.554	0.943	1495.3	1.37
500.	9.448	35.048	9.391	27.101	31.593	0.997	1496.6	1.59
550.	8.820	34.940	8.759	27.119	31.625	1.051	1494.9	1.29
600.	8.718	34.953	8.653	27.145	31.654	1.103	1495.4	1.33
650.	8.628	34.951	8.557	27.158	31.671	1.155	1495.8	0.96
700.	8.621	34.976	8.545	27.179	31.693	1.207	1496.7	1.18
750.	8.571	35.000	8.489	27.206	31.721	1.258	1497.3	1.34
800.	8.439	35.010	8.353	27.234	31.754	1.309	1497.7	1.42
850.	8.730	35.132	8.635	27.284	31.797	1.357	1499.7	1.69
900.	8.472	35.098	8.373	27.298	31.817	1.405	1499.5	1.13
950.	8.192	35.055	8.090	27.307	31.834	1.453	1499.2	1.01
1000.	7.239	34.950	7.138	27.366	31.914	1.499	1496.3	2.24
1100.	6.913	34.992	6.804	27.445	32.002	1.583	1496.7	1.66
1200.	6.009	34.890	5.898	27.485	32.064	1.663	1494.6	1.44
1300.	5.491	34.868	5.375	27.533	32.125	1.738	1494.2	1.42
1400.	4.835	34.825	4.716	27.576	32.186	1.808	1493.1	1.45
1500.	4.361	34.810	4.237	27.618	32.240	1.873	1492.8	1.37
1600.	3.906	34.786	3.778	27.648	32.281	1.935	1492.5	1.23
1700.	3.396	34.763	3.266	27.680	32.327	1.993	1492.0	1.30
1800.	2.997	34.764	2.863	27.719	32.376	2.046	1491.9	1.35

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DISCOVERY 102 STATION 10048

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.827	34.743	27.827	22.277	26.456	0.006	1541.0	-9.99
10.	27.826	34.743	27.824	22.276	26.456	0.056	1541.1	0.0
20.	27.859	34.768	27.855	22.285	26.464	0.111	1541.4	1.65
30.	27.857	34.769	27.850	22.286	26.466	0.167	1541.5	0.78
40.	27.900	34.824	27.890	22.313	26.494	0.223	1541.9	3.00
50.	26.885	35.002	26.874	22.774	26.967	0.277	1540.0	12.08
60.	24.616	35.088	24.603	23.542	27.764	0.324	1535.0	15.59
70.	23.170	35.090	23.155	23.970	28.213	0.366	1531.6	11.66
80.	21.053	35.123	21.038	24.591	28.863	0.402	1526.4	14.02
90.	19.613	35.161	19.596	25.003	29.297	0.434	1522.7	11.44
100.	18.492	35.186	18.475	25.308	29.620	0.462	1519.8	9.84
125.	15.983	35.204	15.963	25.925	30.280	0.522	1512.7	8.86
150.	13.787	35.200	13.765	26.403	30.798	0.569	1506.2	7.82
175.	12.711	35.122	12.687	26.562	30.979	0.609	1502.9	4.53
200.	9.616	34.828	9.593	26.901	31.384	0.641	1492.0	6.66
250.	9.587	34.854	9.558	26.927	31.411	0.701	1492.8	1.30
300.	9.562	34.883	9.528	26.953	31.439	0.760	1493.5	1.33
350.	9.539	34.948	9.499	27.008	31.494	0.818	1494.3	1.87
400.	10.155	35.140	10.108	27.053	31.527	0.874	1497.6	1.61
450.	9.747	35.074	9.695	27.071	31.555	0.929	1496.9	1.20
500.	9.569	35.059	9.511	27.089	31.578	0.983	1497.0	1.15
550.	8.983	34.961	8.923	27.109	31.612	1.037	1495.6	1.32
600.	8.767	34.957	8.702	27.141	31.649	1.090	1495.6	1.49
650.	8.791	34.996	8.719	27.167	31.676	1.142	1496.5	1.31
700.	8.685	35.011	8.608	27.196	31.708	1.194	1497.0	1.40
750.	8.590	35.013	8.508	27.213	31.727	1.244	1497.4	1.11
800.	8.438	35.021	8.352	27.243	31.761	1.294	1497.7	1.44
850.	8.387	35.054	8.295	27.277	31.797	1.343	1498.3	1.49
900.	8.001	35.010	7.906	27.301	31.831	1.391	1497.6	1.43
950.	7.447	35.009	7.350	27.383	31.925	1.436	1496.3	2.44
1000.	7.380	35.072	7.278	27.441	31.986	1.477	1497.0	1.95
1100.	6.929	35.018	6.820	27.463	32.020	1.558	1496.8	1.03
1200.	6.273	34.962	6.159	27.508	32.081	1.636	1495.8	1.42
1300.	5.597	34.931	5.479	27.569	32.159	1.710	1494.7	1.62
1400.	4.939	34.879	4.818	27.608	32.214	1.777	1493.6	1.39
1500.	4.869	34.881	4.739	27.617	32.227	1.842	1494.9	0.67
1600.	3.935	34.793	3.807	27.650	32.283	1.904	1492.6	1.48
1700.	3.350	34.766	3.221	27.687	32.336	1.961	1491.8	1.41
1800.	2.950	34.761	2.817	27.720	32.379	2.014	1491.7	1.29
1900.	2.720	34.768	2.581	27.747	32.413	2.063	1492.4	1.11

DISCOVERY 102 STATION 10049

P-DB	T-DEGC	S-O/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.789	34.766	27.788	22.306	26.485	0.006	1540.9	-9.99
10.	27.788	34.762	27.786	22.303	26.483	0.055	1541.0	-0.82
20.	27.792	34.762	27.787	22.302	26.483	0.111	1541.2	0.54
30.	27.804	34.769	27.797	22.304	26.485	0.166	1541.4	0.78
40.	27.815	34.785	27.805	22.312	26.494	0.222	1541.6	1.65
50.	27.822	34.797	27.811	22.318	26.501	0.277	1541.8	1.45
60.	27.785	34.844	27.770	22.366	26.550	0.333	1542.0	3.88
70.	24.457	35.128	24.442	23.620	27.844	0.382	1534.8	19.92
80.	21.660	35.135	21.645	24.433	28.696	0.422	1528.0	16.04
90.	18.983	35.179	18.967	25.177	29.481	0.454	1521.0	15.38
100.	17.464	35.191	17.447	25.566	29.894	0.481	1516.8	11.09
125.	15.358	35.206	15.338	26.068	30.434	0.536	1510.8	8.00
150.	13.559	35.146	13.538	26.409	30.808	0.581	1505.4	6.62
175.	12.967	35.150	12.943	26.533	30.944	0.621	1503.8	3.98
200.	12.012	35.074	11.985	26.662	31.094	0.658	1500.9	4.10
250.	10.875	34.956	10.844	26.782	31.238	0.728	1497.5	2.82
300.	9.428	34.818	9.394	26.925	31.414	0.790	1492.9	3.10
350.	9.546	34.939	9.506	27.000	31.486	0.848	1494.3	2.17
400.	9.987	35.118	9.940	27.064	31.542	0.904	1497.0	1.98
450.	9.525	35.024	9.474	27.069	31.558	0.959	1496.0	0.79
500.	9.442	35.027	9.385	27.086	31.577	1.013	1496.5	1.09
550.	9.198	35.047	9.136	27.142	31.640	1.067	1496.5	1.93
600.	9.228	35.091	9.160	27.171	31.669	1.119	1497.4	1.38
650.	9.121	35.099	9.048	27.195	31.696	1.170	1497.9	1.28
700.	9.023	35.109	8.945	27.219	31.723	1.220	1498.3	1.29
750.	8.763	35.089	8.680	27.245	31.755	1.270	1498.2	1.39
800.	8.271	34.988	8.186	27.242	31.764	1.319	1497.0	0.69
850.	7.825	34.962	7.736	27.290	31.823	1.368	1496.1	1.87
900.	7.518	34.960	7.426	27.334	31.874	1.413	1495.7	1.79
950.	7.254	34.943	7.158	27.358	31.905	1.458	1495.5	1.38
1000.	7.417	35.066	7.315	27.431	31.975	1.500	1497.1	2.11
1100.	6.451	34.923	6.346	27.453	32.022	1.581	1494.8	1.21
1200.	6.263	34.987	6.149	27.529	32.102	1.657	1495.8	1.61
1300.	6.168	34.980	6.044	27.535	32.113	1.731	1497.0	0.58
1400.	5.049	34.887	4.927	27.601	32.205	1.803	1494.0	1.80
1500.	4.382	34.846	4.257	27.644	32.266	1.865	1492.9	1.47
1600.	4.106	34.833	3.976	27.664	32.292	1.926	1493.4	1.00
1700.	3.569	34.789	3.436	27.684	32.327	1.983	1492.7	1.16
1800.	3.138	34.787	3.002	27.724	32.377	2.037	1492.6	1.38
1900.	2.895	34.768	2.753	27.731	32.392	2.088	1493.2	0.81

DISCOVERY 102 STATION 10050

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.722	34.755	27.721	22.319	26.500	0.006	1540.7	-9.99
10.	27.730	34.757	27.727	22.318	26.500	0.055	1540.9	-0.59
20.	27.730	34.757	27.726	22.318	26.500	0.111	1541.1	0.54
30.	27.737	34.756	27.730	22.316	26.498	0.166	1541.3	-0.54
40.	27.739	34.758	27.730	22.316	26.499	0.221	1541.4	0.56
50.	27.741	34.760	27.729	22.317	26.501	0.277	1541.6	0.78
60.	27.651	34.808	27.637	22.382	26.567	0.332	1541.6	4.56
70.	25.501	34.956	25.485	23.173	27.385	0.383	1537.1	15.83
80.	24.214	34.986	24.197	23.585	27.814	0.428	1534.2	11.43
90.	22.788	35.023	22.769	24.030	28.279	0.469	1530.9	11.88
100.	21.853	35.040	21.833	24.307	28.569	0.507	1528.7	9.37
125.	18.032	35.144	18.010	25.391	29.712	0.586	1518.8	11.74
150.	14.846	35.189	14.823	26.168	30.544	0.641	1509.6	9.96
175.	13.621	35.190	13.596	26.430	30.829	0.686	1506.0	5.78
200.	12.462	35.090	12.435	26.586	31.009	0.726	1502.4	4.51
250.	11.232	34.988	11.200	26.742	31.191	0.797	1498.8	3.19
300.	10.529	34.919	10.493	26.815	31.281	0.864	1497.1	2.24
350.	9.745	34.840	9.705	26.890	31.373	0.928	1494.9	2.26
400.	9.022	34.785	8.978	26.966	31.466	0.988	1493.0	2.28
450.	9.188	34.936	9.138	27.057	31.553	1.045	1494.7	2.39
500.	9.720	35.098	9.662	27.095	31.580	1.100	1497.6	1.46
550.	9.829	35.163	9.764	27.127	31.610	1.154	1498.9	1.40
600.	9.691	35.193	9.621	27.174	31.661	1.206	1499.3	1.78
650.	9.588	35.188	9.513	27.187	31.678	1.257	1499.7	1.00
700.	9.192	35.222	9.112	27.280	31.780	1.307	1499.1	2.50
750.	8.415	35.097	8.334	27.306	31.824	1.353	1496.9	1.57
800.	7.833	35.028	7.750	27.341	31.872	1.399	1495.4	1.71
850.	7.673	35.018	7.585	27.357	31.893	1.443	1495.6	1.10
900.	7.150	34.939	7.061	27.370	31.919	1.486	1494.3	1.23
950.	6.998	34.942	6.904	27.393	31.947	1.529	1494.5	1.31
1000.	6.658	34.940	6.562	27.439	32.001	1.570	1494.0	1.85
1100.	6.239	34.974	6.135	27.522	32.094	1.646	1494.0	1.72
1200.	6.320	34.995	6.205	27.528	32.099	1.720	1496.0	0.38
1300.	6.051	34.969	5.929	27.542	32.121	1.793	1496.5	0.86
1400.	5.071	34.889	4.949	27.600	32.203	1.863	1494.1	1.68
1500.	4.290	34.833	4.167	27.644	32.267	1.927	1492.5	1.52
1600.	3.748	34.818	3.622	27.689	32.327	1.985	1491.9	1.45
1700.	3.338	34.780	3.208	27.699	32.348	2.039	1491.7	0.94
1800.	3.093	34.773	2.957	27.717	32.372	2.092	1492.4	0.98

DISCOVERY 102 STATION 10051

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.546	34.765	27.545	22.384	26.566	0.005	1540.4	-9.99
10.	27.559	34.779	27.557	22.390	26.573	0.055	1540.6	1.53
20.	27.555	34.793	27.551	22.402	26.586	0.109	1540.7	1.98
30.	27.550	34.793	27.543	22.404	26.588	0.164	1540.9	0.95
40.	27.205	34.893	27.195	22.590	26.778	0.218	1540.4	7.69
50.	25.597	35.075	25.586	23.233	27.442	0.267	1537.1	14.27
60.	24.609	35.103	24.596	23.556	27.778	0.312	1535.0	10.11
70.	23.399	35.151	23.384	23.950	28.189	0.354	1532.3	11.19
80.	22.255	35.187	22.239	24.305	28.560	0.392	1529.6	10.62
90.	21.182	35.116	21.165	24.550	28.821	0.428	1526.9	8.82
100.	19.954	35.102	19.936	24.869	29.159	0.461	1523.8	10.05
125.	17.898	35.307	17.877	25.549	29.871	0.531	1518.6	9.30
150.	15.374	35.175	15.351	26.040	30.406	0.587	1511.2	7.93
175.	14.025	35.162	13.999	26.324	30.716	0.634	1507.3	6.04
200.	13.166	35.098	13.138	26.452	30.861	0.676	1504.8	4.08
250.	11.923	35.039	11.891	26.652	31.086	0.753	1501.3	3.61
300.	10.849	34.947	10.812	26.780	31.238	0.822	1498.3	2.92
350.	10.278	34.896	10.236	26.842	31.313	0.888	1497.0	2.05
400.	9.690	34.855	9.645	26.910	31.395	0.951	1495.6	2.16
450.	9.350	34.843	9.299	26.958	31.451	1.012	1495.1	1.79
500.	8.973	34.799	8.918	26.984	31.487	1.072	1494.5	1.41
550.	8.093	34.727	8.036	27.065	31.589	1.129	1491.9	2.41
600.	7.446	34.738	7.387	27.170	31.708	1.182	1490.2	2.67
650.	7.471	34.772	7.406	27.193	31.731	1.232	1491.2	1.22
700.	7.903	34.910	7.831	27.237	31.766	1.281	1493.9	1.55
750.	7.242	34.842	7.167	27.281	31.826	1.328	1492.0	1.86
800.	8.080	35.066	7.995	27.333	31.859	1.374	1496.4	1.56
850.	8.023	35.071	7.933	27.345	31.873	1.419	1497.0	0.96
900.	7.805	35.062	7.711	27.371	31.905	1.463	1497.0	1.40
950.	7.620	35.045	7.522	27.386	31.925	1.506	1497.0	1.10
1000.	7.205	35.010	7.105	27.417	31.967	1.549	1496.2	1.62
1100.	6.528	34.955	6.422	27.468	32.034	1.630	1495.1	1.47

DISCOVERY 102 STATION 10052

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.388	34.750	27.387	22.424	26.608	0.005	1540.0	-9.99
10.	27.399	34.756	27.397	22.425	26.610	0.054	1540.2	0.82
20.	27.399	34.755	27.395	22.424	26.610	0.109	1540.4	0.0
30.	27.423	34.766	27.416	22.425	26.610	0.163	1540.6	0.54
40.	27.433	34.773	27.424	22.427	26.613	0.217	1540.8	0.94
50.	27.451	34.787	27.439	22.432	26.619	0.272	1541.0	1.35
60.	26.658	35.000	26.645	22.845	27.041	0.325	1539.6	11.45
70.	25.163	35.084	25.147	23.373	27.589	0.373	1536.4	12.94
80.	23.714	35.130	23.697	23.842	28.077	0.416	1533.2	12.19
90.	22.226	35.197	22.208	24.321	28.576	0.454	1529.7	12.33
100.	21.141	35.237	21.122	24.653	28.924	0.489	1527.1	10.26
125.	18.209	35.236	18.187	25.418	29.735	0.565	1519.4	9.86
150.	14.586	35.128	14.564	26.178	30.559	0.619	1508.7	9.85
175.	13.974	35.122	13.949	26.304	30.697	0.665	1507.1	4.03
200.	12.764	35.082	12.737	26.521	30.937	0.706	1503.4	5.29
250.	11.694	35.023	11.662	26.683	31.122	0.781	1500.5	3.25
300.	11.104	34.973	11.067	26.754	31.207	0.851	1499.2	2.18
350.	10.604	34.927	10.562	26.808	31.273	0.918	1498.2	1.92
400.	9.728	34.853	9.682	26.902	31.386	0.982	1495.7	2.54
450.	9.339	34.832	9.288	26.950	31.445	1.044	1495.1	1.83
500.	9.113	34.827	9.058	26.983	31.484	1.103	1495.0	1.52
550.	8.169	34.735	8.112	27.060	31.582	1.161	1492.2	2.36
600.	7.491	34.717	7.431	27.147	31.684	1.213	1490.4	2.47
650.	7.233	34.742	7.169	27.203	31.747	1.264	1490.2	1.96
700.	7.097	34.748	7.029	27.227	31.775	1.312	1490.5	1.28
750.	8.303	35.055	8.222	27.290	31.810	1.359	1496.4	1.68
800.	8.003	35.009	7.919	27.300	31.827	1.406	1496.0	1.00

DISCOVERY 102 STATION 10054

P-DB	T-DEGC	S-0/00	POTEMP	SIGMAT	SIG1000	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.266	34.674	27.266	22.406	26.592	0.005	1539.7	-9.99
10.	27.265	34.675	27.263	22.407	26.594	0.054	1539.8	0.57
20.	27.229	34.676	27.225	22.420	26.608	0.109	1539.9	2.05
30.	27.069	34.687	27.062	22.479	26.669	0.163	1539.7	4.36
40.	27.002	34.709	26.993	22.517	26.709	0.217	1539.8	3.51
50.	26.902	34.748	26.890	22.578	26.772	0.270	1539.7	4.43
60.	26.716	34.798	26.702	22.675	26.872	0.322	1539.5	5.55
70.	26.229	34.895	26.213	22.901	27.104	0.374	1538.7	8.49
80.	25.273	35.005	25.256	23.280	27.495	0.421	1536.8	10.96
90.	25.228	35.006	25.208	23.295	27.511	0.468	1536.8	2.20
100.	24.637	35.052	24.616	23.508	27.733	0.513	1535.7	8.24
125.	22.412	35.139	22.387	24.225	28.481	0.614	1530.7	9.54
150.	19.307	35.223	19.280	25.129	29.430	0.698	1522.9	10.73
175.	16.952	35.268	16.923	25.747	30.087	0.761	1516.6	8.88
200.	14.915	35.230	14.884	26.185	30.561	0.815	1510.7	7.50
250.	13.502	35.150	13.467	26.424	30.828	0.906	1506.8	3.95
300.	11.593	35.007	11.554	26.690	31.132	0.983	1500.9	4.18
350.	10.395	34.897	10.353	26.821	31.291	1.051	1497.4	2.98
400.	9.813	34.838	9.767	26.876	31.359	1.115	1496.0	1.96
450.	9.595	34.818	9.543	26.897	31.386	1.178	1496.0	1.23
500.	8.945	34.778	8.890	26.972	31.476	1.239	1494.4	2.27
550.	8.474	34.754	8.415	27.028	31.543	1.298	1493.4	1.99
600.	7.968	34.738	7.906	27.092	31.620	1.353	1492.2	2.12

DISCOVERY 102 STATION 10055

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.638	34.308	4.52	26.638	22.330	0.006	1537.9	-9.99
10.	26.678	34.479	4.50	26.676	22.447	0.055	1538.3	6.42
20.	26.685	34.528	4.50	26.681	22.481	0.109	1538.5	3.34
30.	26.689	34.569	4.47	26.683	22.511	0.162	1538.7	3.10
40.	26.676	34.584	4.52	26.667	22.526	0.216	1538.9	2.33
50.	26.583	34.661	4.54	26.572	22.614	0.269	1538.9	5.27
60.	26.569	34.683	4.50	26.556	22.634	0.322	1539.1	2.57
70.	26.565	34.686	4.51	26.549	22.638	0.374	1539.2	1.10
80.	25.317	34.849	4.57	25.299	23.149	0.425	1536.7	12.73
90.	21.192	35.126	4.42	21.174	24.555	0.466	1526.9	21.10
100.	20.160	35.161	4.38	20.141	24.859	0.499	1524.4	9.84
125.	16.979	35.249	4.38	16.959	25.727	0.570	1515.8	10.51
150.	16.328	35.217	4.45	16.304	25.855	0.626	1514.2	4.05
175.	14.923	35.178	4.56	14.897	26.143	0.677	1510.2	6.08
200.	14.414	35.169	4.53	14.385	26.246	0.725	1509.0	3.65
250.	12.240	35.057	4.78	12.207	26.604	0.808	1502.4	4.82
300.	11.702	35.028	4.82	11.663	26.685	0.880	1501.4	2.31
350.	11.087	34.992	4.66	11.043	26.772	0.951	1500.0	2.41
400.	10.440	34.942	4.34	10.391	26.849	1.018	1498.4	2.29
450.	10.178	34.995	3.78	10.125	26.936	1.081	1498.4	2.38
500.	10.249	35.097	2.97	10.190	27.003	1.140	1499.6	2.07
550.	10.167	35.160	2.10	10.101	27.066	1.198	1500.2	2.02
600.	9.981	35.167	1.85	9.910	27.104	1.253	1500.3	1.59
650.	9.524	35.148	1.73	9.449	27.167	1.307	1499.4	2.10

DISCOVERY 102 STATION 10056

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.287	34.827	4.68	27.287	22.514	0.005	1539.9	-9.99
10.	27.195	34.823	4.69	27.193	22.541	0.053	1539.8	3.06
20.	27.124	34.823	4.64	27.120	22.564	0.106	1539.8	2.74
30.	27.117	34.832	4.62	27.110	22.573	0.159	1540.0	1.74
40.	27.108	34.849	4.55	27.099	22.588	0.212	1540.1	2.26
50.	26.988	34.934	4.66	26.977	22.690	0.265	1540.1	5.73
60.	26.166	34.902	4.55	26.152	22.926	0.316	1538.4	8.65
70.	25.962	34.945	4.44	25.946	23.022	0.365	1538.2	5.55
80.	25.650	34.974	4.36	25.633	23.141	0.413	1537.6	6.14
90.	25.191	35.040	4.37	25.171	23.332	0.460	1536.8	7.79
100.	24.635	35.106	4.40	24.613	23.550	0.505	1535.7	8.33
125.	19.159	35.248	3.72	19.137	25.187	0.593	1522.1	14.41
150.	15.973	35.246	3.66	15.949	25.960	0.655	1513.2	9.93
175.	14.731	35.186	3.62	14.704	26.191	0.704	1509.6	5.45
200.	13.633	35.131	3.94	13.604	26.382	0.749	1506.4	4.96
250.	11.928	35.041	4.19	11.896	26.652	0.826	1501.3	4.20
300.	11.497	35.014	4.18	11.459	26.713	0.898	1500.6	2.03
350.	11.061	34.985	3.96	11.017	26.771	0.968	1499.9	1.96
400.	10.453	34.956	3.69	10.405	26.857	1.035	1498.5	2.41
450.	9.747	34.895	3.62	9.695	26.931	1.098	1496.7	2.28
500.	9.666	34.910	3.47	9.609	26.957	1.159	1497.2	1.32
550.	9.429	34.942	3.04	9.366	27.022	1.218	1497.2	2.06
600.	9.242	34.958	2.84	9.175	27.065	1.275	1497.3	1.72
650.	8.935	34.993	2.34	8.863	27.142	1.330	1497.0	2.28
700.	9.233	35.132	1.92	9.153	27.202	1.382	1499.2	1.87
750.	8.988	35.148	1.57	8.904	27.255	1.432	1499.1	1.91
800.	8.185	35.058	1.48	8.100	27.310	1.480	1496.8	2.10
850.	8.609	35.174	1.33	8.516	27.336	1.525	1499.3	1.06
900.	8.012	35.143	1.34	7.917	27.404	1.569	1497.9	2.26
950.	7.408	35.054	1.38	7.311	27.424	1.611	1496.2	1.46
1000.	7.222	35.036	1.40	7.121	27.436	1.652	1496.3	1.02
1100.	6.341	34.987	1.62	6.237	27.519	1.730	1494.4	1.83
1200.	5.874	34.952	1.74	5.764	27.551	1.802	1494.2	1.22
1300.	5.175	34.897	1.98	5.061	27.594	1.870	1492.9	1.44
1400.	4.697	34.864	2.23	4.579	27.623	1.933	1492.6	1.21
1500.	4.306	34.837	2.49	4.183	27.645	1.995	1492.6	1.08
1600.	4.034	34.827	2.59	3.905	27.667	2.055	1493.1	1.03
1700.	3.516	34.807	2.82	3.384	27.703	2.111	1492.5	1.36
1800.	3.286	34.798	2.95	3.148	27.719	2.164	1493.2	0.92
1900.	2.899	34.786	3.13	2.757	27.745	2.214	1493.2	1.21
2000.	2.615	34.774	3.40	2.469	27.761	2.262	1493.7	1.00
2100.	2.493	34.767	3.45	2.340	27.766	2.309	1494.8	0.63
2200.	2.328	34.764	3.53	2.168	27.778	2.354	1495.8	0.83

DISCOVERY 102 STATION 10058

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.656	34.907	4.35	27.656	22.455	0.005	1540.8	-9.99
10.	27.627	34.908	4.44	27.625	22.465	0.054	1540.9	1.92
20.	27.499	34.905	4.44	27.494	22.504	0.108	1540.7	3.60
30.	27.478	34.904	4.37	27.471	22.511	0.161	1540.9	1.45
40.	27.427	34.899	4.41	27.418	22.523	0.215	1540.9	2.05
50.	27.081	34.912	4.43	27.070	22.644	0.268	1540.3	6.19
60.	26.059	34.999	4.50	26.046	23.032	0.319	1538.3	11.10
70.	24.701	34.952	4.57	24.686	23.414	0.366	1535.2	11.00
80.	23.898	35.099	4.50	23.881	23.765	0.409	1533.6	10.54
90.	22.951	35.104	4.21	22.933	24.045	0.450	1531.4	9.43
100.	21.567	35.223	3.67	21.548	24.525	0.486	1528.2	12.34
125.	17.832	35.202	3.12	17.810	25.484	0.562	1518.3	11.05
150.	15.869	35.254	3.22	15.846	25.989	0.621	1512.9	8.03
175.	13.980	35.138	2.96	13.955	26.314	0.668	1507.1	6.47
200.	12.696	35.110	3.61	12.669	26.556	0.709	1503.2	5.58
250.	11.665	35.020	3.86	11.633	26.686	0.781	1500.4	2.92
300.	11.292	35.001	4.03	11.255	26.740	0.852	1499.9	1.92
350.	10.854	34.984	3.63	10.811	26.808	0.920	1499.1	2.12
400.	10.294	34.924	3.66	10.246	26.861	0.985	1497.9	1.91
450.	10.136	34.928	3.39	10.083	26.891	1.049	1498.1	1.44
500.	9.769	34.926	3.09	9.711	26.952	1.111	1497.6	2.05
550.	9.506	34.920	3.03	9.443	26.992	1.171	1497.4	1.65
600.	8.490	34.803	3.35	8.426	27.064	1.229	1494.3	2.32
650.	8.702	34.934	2.78	8.631	27.133	1.283	1496.1	2.06
700.	8.410	34.927	2.66	8.335	27.174	1.336	1495.8	1.71
750.	8.097	34.913	2.53	8.018	27.211	1.387	1495.4	1.63
800.	7.772	34.918	2.14	7.690	27.263	1.436	1495.0	1.91
850.	7.438	34.908	2.11	7.353	27.304	1.482	1494.5	1.72
900.	7.215	34.942	2.06	7.125	27.363	1.527	1494.5	2.02
950.	7.053	34.947	2.04	6.959	27.390	1.570	1494.7	1.40
1000.	6.804	34.937	1.97	6.706	27.416	1.611	1494.5	1.45
1100.	6.113	34.904	1.97	6.010	27.483	1.691	1493.4	1.63
1200.	5.581	34.877	2.06	5.473	27.529	1.765	1492.9	1.40
1300.	4.821	34.824	2.29	4.711	27.577	1.834	1491.4	1.50
1400.	4.790	34.882	2.20	4.670	27.627	1.898	1493.0	1.27
1500.	4.318	34.848	2.32	4.194	27.653	1.960	1492.6	1.18
1600.	3.952	34.825	2.59	3.823	27.673	2.018	1492.7	1.06
1700.	3.659	34.809	2.67	3.525	27.690	2.075	1493.1	0.98
1800.	3.199	34.788	2.97	3.062	27.719	2.128	1492.8	1.26
1900.	2.712	34.772	3.11	2.573	27.751	2.178	1492.4	1.34
2000.	2.547	34.769	3.24	2.401	27.762	2.225	1493.4	0.82

DISCOVERY 102 STATION 10059

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.780	35.045	4.17	27.780	22.518	0.005	1541.2	-9.99
10.	27.787	35.045	4.09	27.785	22.516	0.053	1541.4	-0.81
20.	27.785	35.045	4.07	27.780	22.517	0.107	1541.5	0.77
30.	27.758	35.049	4.06	27.751	22.529	0.160	1541.6	1.98
40.	27.760	35.057	4.03	27.750	22.534	0.214	1541.8	1.35
50.	27.758	35.061	4.02	27.746	22.538	0.267	1542.0	1.22
60.	27.701	35.059	4.00	27.687	22.554	0.320	1542.0	2.33
70.	26.465	35.023	4.03	26.450	22.923	0.373	1539.4	10.81
80.	24.558	35.085	3.94	24.541	23.557	0.419	1535.2	14.17
90.	23.717	35.089	3.85	23.699	23.810	0.462	1533.3	8.96
100.	22.550	35.174	3.58	22.530	24.213	0.501	1530.7	11.30
125.	18.168	35.347	3.11	18.146	25.512	0.583	1519.4	12.85
150.	14.696	35.186	2.85	14.673	26.199	0.636	1509.1	9.36
175.	12.867	35.115	2.86	12.844	26.526	0.679	1503.4	6.48
200.	11.261	34.987	3.40	11.236	26.735	0.715	1498.1	5.22
250.	11.189	34.983	3.66	11.158	26.746	0.783	1498.7	0.86
300.	10.689	34.957	3.24	10.652	26.816	0.850	1497.7	2.16
350.	10.391	34.937	3.13	10.349	26.854	0.915	1497.4	1.59
400.	10.143	34.921	3.27	10.096	26.885	0.979	1497.3	1.45
450.	9.655	34.868	3.38	9.604	26.926	1.041	1496.3	1.73
500.	9.129	34.857	3.11	9.073	27.004	1.101	1495.1	2.31
550.	9.256	34.934	2.76	9.194	27.044	1.159	1496.5	1.58
600.	9.012	34.956	2.50	8.946	27.101	1.214	1496.5	1.95
650.	9.731	35.161	2.08	9.655	27.142	1.269	1500.2	1.45
700.	8.758	35.023	2.12	8.681	27.194	1.321	1497.2	2.06
750.	8.491	35.015	2.00	8.409	27.230	1.371	1497.0	1.60
800.	8.263	35.004	1.90	8.178	27.256	1.420	1497.0	1.41
850.	7.879	34.986	2.02	7.790	27.301	1.467	1496.3	1.82
900.	7.210	34.903	1.90	7.120	27.333	1.513	1494.4	1.70
950.	6.924	34.921	1.88	6.831	27.387	1.557	1494.2	1.95
1000.	6.887	34.954	1.83	6.789	27.419	1.599	1494.9	1.47
1100.	6.699	34.982	1.69	6.592	27.467	1.680	1495.8	1.31
1200.	5.761	34.898	1.89	5.652	27.523	1.756	1493.6	1.61
1300.	5.231	34.869	1.98	5.117	27.565	1.827	1493.1	1.36
1400.	4.677	34.818	2.22	4.559	27.589	1.894	1492.4	1.18
1500.	4.040	34.788	2.46	3.919	27.635	1.957	1491.4	1.47
1600.	3.599	34.771	2.75	3.475	27.667	2.016	1491.2	1.26
1700.	3.299	34.775	2.82	3.170	27.699	2.071	1491.6	1.20
1800.	2.952	34.763	3.08	2.819	27.722	2.123	1491.8	1.12
1900.	2.669	34.762	3.17	2.531	27.746	2.172	1492.2	1.10
2000.	2.440	34.761	3.26	2.297	27.766	2.219	1492.9	1.00

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DISCOVERY 102 STATION 10060

P-DB	T-DFGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.956	35.171	3.52	27.956	22.556	0.005	1541.7	-9.99
10.	27.929	35.171	3.54	27.927	22.564	0.053	1541.8	1.74
20.	27.881	35.169	3.54	27.877	22.579	0.106	1541.9	2.20
30.	27.872	35.168	3.54	27.865	22.581	0.159	1542.0	0.95
40.	27.861	35.168	3.53	27.852	22.584	0.212	1542.1	1.11
50.	27.795	35.165	3.51	27.784	22.604	0.264	1542.2	2.46
60.	25.689	35.147	3.38	25.675	23.259	0.315	1537.6	14.41
70.	25.611	35.147	3.26	25.596	23.283	0.362	1537.6	2.80
80.	25.266	35.141	3.21	25.248	23.385	0.408	1536.9	5.71
90.	24.646	35.166	3.14	24.626	23.592	0.452	1535.6	8.11
100.	21.067	35.091	2.94	21.048	24.562	0.491	1526.7	17.54
125.	15.516	35.173	2.37	15.497	26.007	0.554	1511.3	13.56
150.	13.809	35.157	2.19	13.787	26.365	0.602	1506.2	6.78
175.	13.217	35.186	2.47	13.193	26.510	0.642	1504.7	4.32
200.	11.299	34.998	2.57	11.274	26.737	0.679	1498.3	5.44
250.	10.692	34.939	2.57	10.662	26.802	0.745	1496.9	2.08
300.	10.252	34.893	2.77	10.217	26.844	0.810	1496.0	1.69
350.	9.976	34.894	2.72	9.936	26.892	0.874	1495.9	1.80
400.	9.657	34.874	2.75	9.611	26.931	0.935	1495.5	1.64
450.	9.281	34.842	2.78	9.230	26.968	0.995	1494.9	1.62
500.	9.393	34.944	2.70	9.336	27.029	1.053	1496.2	1.96
550.	9.272	34.993	2.53	9.210	27.087	1.110	1496.7	1.95
600.	9.858	35.168	1.62	9.787	27.126	1.163	1499.9	1.44
650.	9.705	35.186	1.48	9.629	27.166	1.216	1500.1	1.63
700.	9.429	35.157	1.47	9.349	27.189	1.268	1499.9	1.35
750.	8.765	35.069	1.55	8.682	27.229	1.319	1498.1	1.78
800.	8.139	34.974	1.66	8.054	27.252	1.368	1496.5	1.48
850.	7.915	34.988	1.59	7.826	27.297	1.416	1496.5	1.77
900.	7.376	34.941	1.67	7.285	27.339	1.462	1495.1	1.84
950.	6.866	34.925	1.66	6.773	27.399	1.505	1494.0	2.11
1000.	6.771	34.934	1.72	6.674	27.419	1.547	1494.4	1.21
1100.	6.469	34.955	1.71	6.364	27.476	1.627	1494.9	1.45
1200.	5.752	34.890	1.85	5.643	27.518	1.703	1493.6	1.40
1300.	5.180	34.859	1.92	5.066	27.564	1.774	1492.9	1.42
1400.	4.920	34.880	2.12	4.799	27.611	1.840	1493.5	1.33
1500.	4.329	34.826	2.19	4.206	27.634	1.904	1492.6	1.21
1600.	3.686	34.782	2.58	3.561	27.667	1.963	1491.6	1.35
1700.	3.251	34.773	2.69	3.123	27.702	2.018	1491.4	1.31
1800.	2.928	34.769	2.96	2.795	27.729	2.069	1491.7	1.17
1900.	2.734	34.768	2.98	2.594	27.746	2.118	1492.5	0.92
2000.	2.511	34.762	3.10	2.366	27.760	2.165	1493.2	0.94

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DISCOVERY 102 STATION 10061

P-DB	T-DEGC	S-O/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.865	35.149	4.09	27.865	22.569	0.005	1541.5	-9.99
10.	27.874	35.149	4.09	27.872	22.566	0.053	1541.7	-1.00
20.	27.877	35.149	4.08	27.873	22.565	0.106	1541.8	0.0
30.	27.877	35.149	4.07	27.870	22.565	0.159	1542.0	0.54
40.	27.877	35.150	4.06	27.868	22.565	0.212	1542.2	0.78
50.	25.494	35.129	4.05	25.483	23.305	0.264	1536.9	15.31
60.	23.721	35.172	3.73	23.708	23.872	0.306	1532.9	13.38
70.	23.206	35.200	3.55	23.191	24.043	0.346	1531.9	7.37
80.	21.686	35.216	3.44	21.670	24.486	0.383	1528.2	11.85
90.	20.535	35.221	3.26	20.518	24.805	0.416	1525.3	10.06
100.	19.925	35.213	3.07	19.906	24.961	0.447	1523.8	7.04
125.	19.163	35.211	2.97	19.140	25.157	0.521	1522.1	5.02
150.	14.791	35.192	3.09	14.769	26.182	0.577	1509.4	11.44
175.	13.790	35.161	3.00	13.765	26.372	0.622	1506.5	4.94
200.	12.852	35.117	2.83	12.825	26.530	0.663	1503.8	4.52
250.	11.746	35.053	2.89	11.714	26.696	0.737	1500.7	3.29
300.	10.979	34.982	3.28	10.942	26.783	0.806	1498.8	2.42
350.	9.896	34.858	3.84	9.855	26.878	0.871	1495.5	2.54
400.	9.592	34.831	4.21	9.546	26.908	0.933	1495.2	1.46
450.	9.452	34.879	3.45	9.401	26.969	0.994	1495.6	2.00
500.	9.408	34.971	2.99	9.352	27.048	1.052	1496.3	2.25
550.	9.749	35.100	2.18	9.685	27.092	1.107	1498.6	1.61
600.	9.514	35.100	1.80	9.445	27.131	1.162	1498.5	1.64
650.	9.580	35.162	1.51	9.504	27.168	1.214	1499.7	1.53
700.	9.462	35.178	1.35	9.381	27.200	1.266	1500.1	1.47
750.	9.169	35.132	1.40	9.084	27.213	1.317	1499.7	1.09
800.	7.939	34.961	2.26	7.855	27.272	1.366	1495.7	2.26
850.	7.744	34.983	1.77	7.656	27.318	1.412	1495.8	1.78
900.	7.049	34.922	1.71	6.961	27.370	1.457	1493.8	2.06
950.	7.241	35.019	1.53	7.146	27.420	1.499	1495.5	1.71
1000.	6.990	35.013	1.52	6.891	27.450	1.539	1495.4	1.53
1100.	6.177	34.919	1.61	6.074	27.486	1.617	1493.7	1.33
1200.	5.766	34.898	1.81	5.657	27.522	1.692	1493.7	1.24
1300.	5.234	34.860	1.86	5.120	27.558	1.763	1493.1	1.28
1400.	4.869	34.833	2.13	4.749	27.579	1.832	1493.2	1.05
1500.	4.148	34.789	2.44	4.027	27.624	1.897	1491.8	1.51
1600.	3.630	34.780	2.67	3.505	27.671	1.955	1491.3	1.46
1700.	3.304	34.779	2.80	3.174	27.702	2.010	1491.6	1.21
1800.	3.024	34.772	2.92	2.890	27.722	2.062	1492.1	1.03
1900.	2.770	34.772	3.02	2.630	27.746	2.111	1492.7	1.07
2000.	2.588	34.766	3.12	2.442	27.757	2.159	1493.5	0.81

DISCOVERY 102 STATION 10062

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	28.026	35.112	4.13	28.025	22.489	0.005	1541.8	-9.99
10.	28.013	35.112	4.05	28.011	22.492	0.054	1541.9	1.29
20.	27.888	35.106	4.07	27.883	22.529	0.107	1541.8	3.47
30.	27.876	35.106	4.07	27.869	22.533	0.160	1541.9	1.23
40.	27.867	35.107	4.06	27.857	22.537	0.214	1542.1	1.10
50.	27.856	35.107	4.06	27.844	22.540	0.267	1542.2	1.11
60.	25.322	35.133	4.02	25.308	23.361	0.318	1536.7	16.14
70.	21.937	35.181	3.57	21.924	24.390	0.357	1528.6	18.05
80.	20.906	35.210	3.34	20.891	24.696	0.392	1526.1	9.86
90.	19.479	35.218	3.18	19.463	25.081	0.422	1522.4	11.05
100.	18.693	35.193	3.00	18.675	25.262	0.451	1520.3	7.63
125.	15.638	35.199	2.92	15.619	26.000	0.509	1511.7	9.69
150.	14.414	35.173	3.01	14.392	26.249	0.557	1508.2	5.66
175.	13.800	35.156	2.84	13.775	26.366	0.601	1506.6	3.88
200.	13.029	35.128	2.78	13.002	26.503	0.642	1504.4	4.20
250.	11.999	35.067	2.77	11.966	26.659	0.718	1501.6	3.20
300.	11.200	35.019	2.82	11.163	26.771	0.787	1499.6	2.73
350.	10.879	34.984	3.01	10.836	26.803	0.854	1499.2	1.48
400.	10.605	34.952	3.36	10.557	26.827	0.921	1499.0	1.33
450.	9.233	34.801	3.86	9.182	26.943	0.984	1494.6	2.85
500.	9.393	34.906	2.98	9.337	26.999	1.043	1496.2	1.87
550.	9.457	34.994	2.68	9.394	27.057	1.101	1497.4	1.92
600.	9.817	35.141	1.72	9.747	27.112	1.156	1499.7	1.79
650.	8.134	34.886	2.11	8.066	27.184	1.209	1493.9	2.45
700.	7.976	34.937	1.86	7.903	27.247	1.258	1494.2	2.06
750.	8.083	35.011	1.56	8.004	27.289	1.305	1495.5	1.61
800.	8.185	35.104	1.29	8.100	27.347	1.350	1496.8	1.88
850.	7.689	35.035	1.28	7.601	27.368	1.394	1495.7	1.38
900.	7.587	35.046	1.24	7.495	27.391	1.437	1496.1	1.28
950.	7.319	35.028	1.25	7.223	27.415	1.479	1495.9	1.38
1000.	6.513	34.921	1.53	6.417	27.443	1.520	1493.4	1.72
1100.	6.102	34.904	1.60	6.000	27.484	1.598	1493.4	1.28
1200.	5.557	34.871	1.80	5.449	27.527	1.672	1492.8	1.37
1300.	5.135	34.858	1.90	5.022	27.568	1.742	1492.7	1.31
1400.	4.538	34.828	2.18	4.421	27.613	1.807	1491.9	1.44
1500.	4.217	34.823	2.31	4.095	27.644	1.869	1492.2	1.18
1600.	3.804	34.800	2.54	3.678	27.668	1.927	1492.1	1.14
1700.	3.457	34.787	2.66	3.326	27.693	1.983	1492.3	1.13
1800.	3.133	34.787	2.83	2.997	27.725	2.036	1492.6	1.22
1900.	2.934	34.779	2.90	2.792	27.736	2.086	1493.4	0.85
2000.	2.557	34.762	3.13	2.412	27.756	2.134	1493.4	1.11

DISCOVERY 102 STATION 10063

P-DB	T-DEGC	S-O/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.740	35.026	4.27	27.740	22.517	0.005	1541.1	-9.99
10.	27.743	35.025	4.25	27.740	22.516	0.053	1541.2	0.0
20.	27.745	35.025	4.26	27.741	22.515	0.107	1541.4	0.0
30.	27.736	35.029	4.26	27.729	22.521	0.160	1541.6	1.46
40.	25.675	35.112	4.26	25.667	23.236	0.212	1537.2	15.06
50.	21.802	35.182	3.65	21.792	24.429	0.253	1528.0	19.42
60.	20.480	35.206	3.16	20.468	24.808	0.287	1524.6	10.96
70.	19.768	35.212	3.03	19.755	25.001	0.317	1522.9	7.85
80.	19.615	35.215	2.98	19.600	25.043	0.347	1522.6	3.69
90.	18.678	35.171	2.93	18.662	25.251	0.376	1520.1	8.12
100.	16.093	35.208	2.75	16.077	25.903	0.401	1512.7	14.40
125.	14.932	35.188	2.92	14.913	26.149	0.451	1509.4	5.61
150.	13.928	35.163	3.21	13.906	26.345	0.496	1506.6	5.01
175.	13.115	35.127	2.58	13.090	26.485	0.538	1504.3	4.26
200.	12.965	35.123	2.67	12.938	26.512	0.577	1504.2	1.88
250.	12.431	35.089	2.80	12.398	26.592	0.655	1503.1	2.29
300.	11.752	35.053	2.77	11.714	26.695	0.729	1501.6	2.61
350.	11.178	35.002	3.39	11.134	26.762	0.799	1500.3	2.14
400.	10.987	34.993	3.21	10.937	26.791	0.867	1500.4	1.40
450.	10.522	34.950	3.24	10.467	26.840	0.934	1499.5	1.85
500.	9.049	34.866	2.71	8.994	27.024	0.996	1494.9	3.55
550.	8.120	34.768	3.22	8.063	27.093	1.051	1492.0	2.25
600.	8.798	35.012	1.68	8.733	27.179	1.103	1495.7	2.22
650.	8.620	35.023	1.38	8.549	27.216	1.153	1495.9	1.60
700.	8.420	35.015	1.41	8.344	27.241	1.202	1496.0	1.35
750.	8.247	35.024	1.29	8.167	27.275	1.250	1496.1	1.55
800.	8.201	35.034	1.30	8.116	27.290	1.297	1496.8	1.01
850.	7.832	35.007	1.24	7.743	27.324	1.343	1496.2	1.63
900.	6.998	34.906	1.55	6.910	27.365	1.388	1493.6	1.92
950.	7.086	34.988	1.38	6.992	27.418	1.430	1494.9	1.80
1000.	6.341	34.933	1.63	6.247	27.476	1.469	1492.7	2.17
1100.	5.964	34.913	1.64	5.863	27.509	1.544	1492.8	1.19
1200.	5.668	34.931	1.74	5.560	27.561	1.616	1493.3	1.39
1300.	5.392	34.918	1.74	5.277	27.585	1.684	1493.8	1.02
1400.	4.931	34.884	1.99	4.811	27.612	1.750	1493.6	1.18
1500.	4.486	34.854	2.15	4.361	27.639	1.813	1493.3	1.17
1600.	3.846	34.787	2.60	3.719	27.654	1.874	1492.2	1.13
1700.	3.325	34.781	2.85	3.196	27.701	1.930	1491.7	1.49
1800.	2.966	34.780	3.00	2.832	27.735	1.981	1491.8	1.26
1900.	2.779	34.782	3.04	2.639	27.753	2.029	1492.7	0.94
2000.	2.644	34.779	3.08	2.497	27.762	2.076	1493.8	0.75

DISCOVERY 102 STATION 10064

P-DB	T-DEGC	S-O/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.431	34.975	4.67	26.430	22.898	0.005	1538.1	-9.99
10.	26.408	34.975	4.66	26.405	22.905	0.050	1538.2	1.63
20.	26.403	34.975	4.63	26.398	22.907	0.099	1538.4	0.78
30.	26.366	34.974	4.65	26.359	22.918	0.149	1538.4	1.90
40.	22.116	35.104	4.21	22.108	24.282	0.193	1528.5	20.77
50.	20.073	35.155	3.51	20.063	24.878	0.227	1523.3	13.74
60.	19.067	35.170	3.26	19.056	25.150	0.256	1520.7	9.29
70.	17.818	35.182	3.12	17.806	25.473	0.283	1517.3	10.11
80.	17.345	35.185	3.05	17.332	25.590	0.308	1516.1	6.10
90.	16.956	35.183	3.04	16.941	25.682	0.332	1515.1	5.42
100.	16.865	35.182	3.16	16.849	25.702	0.355	1515.0	2.52
125.	16.604	35.183	3.20	16.584	25.765	0.413	1514.6	2.83
150.	14.500	35.175	2.79	14.478	26.232	0.464	1508.5	7.73
175.	14.143	35.168	2.76	14.118	26.303	0.509	1507.7	3.05
200.	13.346	35.138	2.78	13.318	26.447	0.552	1505.4	4.30
250.	12.485	35.100	3.00	12.451	26.590	0.631	1503.3	3.06
300.	11.921	35.059	3.64	11.882	26.668	0.705	1502.2	2.26
350.	11.456	35.025	3.56	11.412	26.729	0.777	1501.3	2.02
400.	11.011	34.995	3.36	10.961	26.788	0.846	1500.5	2.00
450.	10.279	34.907	3.79	10.225	26.849	0.913	1498.6	2.09
500.	9.190	34.819	4.00	9.135	26.965	0.977	1495.3	2.83
550.	8.629	34.816	3.59	8.570	27.052	1.034	1494.0	2.43
600.	8.785	34.988	1.87	8.720	27.163	1.088	1495.7	2.63
650.	8.669	35.028	1.45	8.598	27.212	1.138	1496.1	1.81
700.	8.299	35.032	1.39	8.225	27.272	1.186	1495.5	2.05
750.	8.222	35.039	1.32	8.142	27.290	1.233	1496.1	1.10
800.	8.092	35.042	1.27	8.007	27.313	1.279	1496.4	1.26
850.	7.882	35.033	1.31	7.793	27.337	1.325	1496.4	1.32
900.	7.705	35.032	1.25	7.612	27.362	1.369	1496.5	1.38
950.	7.554	35.022	1.23	7.457	27.377	1.413	1496.8	1.08
1000.	7.337	35.011	1.30	7.235	27.400	1.456	1496.7	1.34
1100.	5.707	34.879	1.79	5.608	27.515	1.537	1491.7	2.22
1200.	5.492	34.924	1.79	5.385	27.577	1.605	1492.6	1.47
1300.	5.352	34.908	1.85	5.236	27.581	1.673	1493.6	0.54
1400.	4.884	34.886	2.05	4.764	27.620	1.737	1493.4	1.31
1500.	4.479	34.852	2.27	4.354	27.638	1.800	1493.3	1.04
1600.	3.641	34.791	2.79	3.516	27.678	1.859	1491.4	1.53
1700.	3.304	34.787	2.97	3.174	27.708	1.914	1491.6	1.19
1800.	3.066	34.790	3.03	2.931	27.733	1.965	1492.3	1.07
1900.	2.886	34.785	3.11	2.745	27.745	2.014	1493.2	0.84
2000.	2.756	34.779	3.18	2.608	27.752	2.062	1494.3	0.68

(xxxv)

DISCOVERY 102 STATION 10065

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.238	34.984	4.78	26.238	22.966	0.005	1537.7	-9.99
10.	26.176	34.984	4.75	26.173	22.985	0.049	1537.7	2.65
20.	25.098	35.020	4.68	25.094	23.345	0.097	1535.4	10.69
30.	22.847	35.042	4.12	22.841	24.027	0.139	1530.1	14.69
40.	21.822	35.064	3.66	21.814	24.334	0.176	1527.7	9.86
50.	21.246	35.079	3.54	21.236	24.505	0.211	1526.4	7.37
60.	20.732	35.101	3.47	20.720	24.661	0.245	1525.2	7.04
70.	20.045	35.114	3.35	20.032	24.854	0.277	1523.5	7.83
80.	18.417	35.164	3.26	18.403	25.311	0.306	1519.2	12.03
90.	18.151	35.170	3.18	18.135	25.382	0.333	1518.6	4.73
100.	17.537	35.182	3.20	17.520	25.542	0.358	1517.0	7.13
125.	15.797	35.213	3.11	15.778	25.974	0.417	1512.2	7.43
150.	14.542	35.181	3.05	14.520	26.228	0.464	1508.6	5.70
175.	13.642	35.154	2.97	13.617	26.398	0.508	1506.0	4.68
200.	13.211	35.135	2.88	13.183	26.472	0.550	1505.0	3.09
250.	12.716	35.114	3.02	12.682	26.555	0.629	1504.1	2.36
300.	11.816	35.055	3.38	11.777	26.684	0.704	1501.8	2.92
350.	11.277	35.022	3.06	11.233	26.760	0.773	1500.7	2.26
400.	10.288	34.945	3.78	10.240	26.878	0.839	1497.9	2.82
450.	9.536	34.904	3.20	9.485	26.974	0.900	1495.9	2.56
500.	8.997	34.927	2.64	8.942	27.081	0.958	1494.7	2.67
550.	8.841	34.969	1.94	8.781	27.139	1.011	1495.0	1.96
600.	8.746	35.009	1.80	8.680	27.185	1.062	1495.5	1.74
650.	8.475	35.001	1.67	8.405	27.222	1.112	1495.3	1.62
700.	8.216	34.993	1.53	8.142	27.255	1.160	1495.2	1.55
750.	8.017	35.011	1.63	7.938	27.300	1.208	1495.2	1.76
800.	7.900	35.029	1.29	7.816	27.331	1.253	1495.6	1.47
850.	7.748	35.025	1.26	7.661	27.351	1.297	1495.9	1.20
900.	7.642	35.021	1.26	7.549	27.363	1.341	1496.3	0.96
950.	7.450	35.016	1.27	7.354	27.387	1.384	1496.4	1.35
1000.	7.433	35.037	1.26	7.331	27.406	1.427	1497.1	1.13
1100.	6.490	34.927	1.56	6.384	27.451	1.510	1494.9	1.48
1200.	5.493	34.885	1.87	5.386	27.546	1.584	1492.5	1.97
1300.	5.318	34.916	1.92	5.203	27.592	1.652	1493.5	1.29
1400.	4.969	34.894	1.92	4.848	27.616	1.718	1493.7	1.07
1500.	4.353	34.832	2.31	4.229	27.637	1.781	1492.8	1.18
1600.	3.879	34.806	2.60	3.751	27.666	1.841	1492.4	1.24
1700.	3.438	34.802	2.86	3.307	27.707	1.897	1492.2	1.38
1800.	3.206	34.793	2.88	3.068	27.722	1.949	1492.9	0.92
1900.	2.860	34.784	3.07	2.719	27.747	1.999	1493.1	1.16
2000.	2.670	34.777	3.17	2.523	27.758	2.047	1493.9	0.82

DISCOVERY 102 STATION 10066

P-DB	T-DFGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.197	34.938	4.53	26.197	22.943	0.005	1537.5	-9.99
10.	26.201	34.938	4.47	26.199	22.942	0.049	1537.7	0.0
20.	26.106	34.941	4.46	26.101	22.975	0.099	1537.7	3.20
30.	25.200	34.967	4.32	25.194	23.274	0.147	1535.8	9.73
40.	23.463	35.014	3.69	23.455	23.828	0.189	1531.8	13.25
50.	23.443	35.023	3.62	23.433	23.840	0.230	1531.9	1.98
60.	22.780	35.067	3.59	22.768	24.065	0.271	1530.5	8.46
70.	20.271	35.116	3.46	20.258	24.795	0.306	1524.1	15.21
80.	19.484	35.138	3.26	19.469	25.019	0.336	1522.2	8.43
90.	19.173	35.149	3.13	19.157	25.107	0.366	1521.5	5.30
100.	18.422	35.209	3.18	18.405	25.344	0.394	1519.6	8.68
125.	15.865	35.212	3.01	15.846	25.958	0.451	1512.4	8.85
150.	14.540	35.179	2.75	14.518	26.227	0.501	1508.6	5.87
175.	13.539	35.148	3.01	13.515	26.415	0.544	1505.7	4.92
200.	12.859	35.123	3.11	12.832	26.533	0.584	1503.8	3.92
250.	12.482	35.102	2.94	12.448	26.593	0.661	1503.3	1.99
300.	11.597	35.036	3.42	11.558	26.712	0.735	1501.0	2.81
350.	10.668	34.948	3.98	10.626	26.813	0.803	1498.4	2.62
400.	10.061	34.894	3.83	10.014	26.877	0.868	1497.0	2.11
450.	9.359	34.944	2.64	9.308	27.035	0.928	1495.3	3.22
500.	9.226	34.979	1.96	9.170	27.084	0.983	1495.7	1.79
550.	9.216	35.015	1.73	9.154	27.113	1.037	1496.5	1.39
600.	9.192	35.017	1.68	9.125	27.119	1.090	1497.2	0.67
650.	8.960	35.001	1.65	8.888	27.144	1.144	1497.2	1.37
700.	8.608	34.993	1.57	8.531	27.194	1.196	1496.6	1.87
750.	8.211	34.985	1.49	8.132	27.249	1.245	1495.9	1.98
800.	8.025	35.004	1.38	7.941	27.293	1.293	1496.1	1.74
850.	7.682	34.985	1.37	7.594	27.329	1.339	1495.6	1.64
900.	7.511	35.014	1.26	7.419	27.377	1.383	1495.8	1.83
950.	7.321	35.003	1.31	7.225	27.395	1.425	1495.8	1.21
1000.	7.088	34.993	1.33	6.988	27.421	1.468	1495.7	1.42
1100.	5.985	34.878	1.63	5.883	27.479	1.549	1492.9	1.65
1200.	5.808	34.929	1.66	5.698	27.542	1.623	1493.9	1.47
1300.	5.310	34.885	1.82	5.195	27.569	1.693	1493.4	1.16
1400.	4.339	34.799	2.36	4.224	27.612	1.758	1491.0	1.55
1500.	4.116	34.824	2.43	3.994	27.656	1.820	1491.8	1.29
1600.	3.708	34.811	2.63	3.583	27.688	1.877	1491.7	1.25
1700.	3.388	34.798	2.78	3.257	27.709	1.931	1492.0	1.06
1800.	3.149	34.791	2.94	3.013	27.726	1.983	1492.6	0.94
1900.	2.733	34.771	3.18	2.594	27.748	2.032	1492.5	1.18
2000.	2.578	34.770	3.25	2.432	27.761	2.079	1493.5	0.82

DISCOVERY 102 STATION 10067

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.281	34.957	4.77	26.280	22.932	0.005	1537.8	-9.99
10.	26.269	34.957	4.76	26.267	22.935	0.049	1537.9	1.16
20.	26.110	34.959	4.73	26.106	22.986	0.099	1537.7	4.07
30.	25.803	34.965	4.56	25.797	23.086	0.147	1537.2	5.65
40.	24.931	34.987	4.27	24.922	23.370	0.194	1535.3	9.50
50.	23.627	35.016	3.73	23.617	23.781	0.237	1532.4	11.40
60.	23.397	35.036	3.63	23.385	23.864	0.278	1532.0	5.12
70.	22.760	35.097	3.56	22.745	24.093	0.318	1530.6	8.55
80.	20.131	35.123	3.42	20.116	24.838	0.352	1523.9	15.36
90.	19.307	35.150	3.22	19.291	25.074	0.383	1521.9	8.66
100.	19.179	35.157	3.22	19.161	25.112	0.412	1521.7	3.52
125.	17.266	35.225	3.23	17.245	25.640	0.481	1516.6	8.20
150.	15.189	35.197	3.01	15.166	26.098	0.532	1510.7	7.65
175.	14.014	35.174	3.15	13.988	26.335	0.579	1507.3	5.51
200.	13.229	35.145	3.07	13.201	26.476	0.621	1505.1	4.26
250.	12.576	35.107	2.95	12.542	26.577	0.699	1503.6	2.58
300.	11.999	35.068	3.18	11.960	26.660	0.774	1502.4	2.34
350.	11.105	34.989	4.01	11.061	26.766	0.845	1500.0	2.66
400.	10.164	34.900	4.03	10.116	26.864	0.912	1497.4	2.59
450.	9.351	34.954	2.53	9.300	27.044	0.971	1495.3	3.45
500.	9.267	34.996	1.92	9.211	27.091	1.026	1495.8	1.75
550.	9.233	35.005	1.82	9.172	27.103	1.080	1496.5	0.93
600.	9.186	35.002	1.74	9.118	27.108	1.134	1497.2	0.63
650.	8.775	35.007	1.60	8.703	27.178	1.187	1496.5	2.20
700.	8.428	34.972	1.55	8.353	27.206	1.238	1495.9	1.46
750.	8.180	35.015	1.41	8.101	27.278	1.286	1495.9	2.19
800.	8.102	35.030	1.28	8.017	27.302	1.333	1496.4	1.28
850.	7.811	35.007	1.29	7.722	27.327	1.378	1496.1	1.42
900.	7.571	35.015	1.28	7.478	27.369	1.423	1496.0	1.72
950.	7.194	35.003	1.32	7.099	27.414	1.465	1495.3	1.84
1000.	7.027	34.996	1.33	6.928	27.432	1.506	1495.5	1.18
1100.	6.135	34.892	1.61	6.033	27.470	1.587	1493.5	1.40
1200.	5.734	34.924	1.67	5.625	27.547	1.661	1493.6	1.66
1300.	5.349	34.901	1.78	5.233	27.576	1.730	1493.6	1.15
1400.	4.869	34.876	2.06	4.749	27.613	1.796	1493.3	1.32
1500.	4.409	34.853	2.22	4.284	27.647	1.859	1493.0	1.27
1600.	3.708	34.810	2.60	3.583	27.686	1.917	1491.7	1.46
1700.	3.319	34.795	2.83	3.189	27.713	1.971	1491.7	1.18
1800.	3.033	34.786	2.99	2.898	27.733	2.022	1492.1	1.04
1900.	2.823	34.783	3.05	2.682	27.750	2.071	1492.9	0.93
2000.	2.725	34.780	3.09	2.577	27.756	2.119	1494.1	0.62

DISCOVERY 102 STATION 10068

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.192	34.967	4.53	26.192	22.967	0.005	1537.6	-9.99
10.	26.197	34.968	4.41	26.194	22.966	0.049	1537.7	0.0
20.	26.170	34.968	4.42	26.165	22.975	0.098	1537.8	1.74
30.	25.919	34.970	4.33	25.913	23.054	0.147	1537.4	5.03
40.	24.618	35.004	4.14	24.609	23.478	0.194	1534.6	11.57
50.	23.812	35.015	3.82	23.801	23.726	0.236	1532.8	8.89
60.	23.022	35.048	3.66	23.010	23.981	0.277	1531.1	8.99
70.	22.244	35.084	3.54	22.230	24.230	0.316	1529.3	8.88
80.	20.075	35.142	3.39	20.060	24.867	0.350	1523.8	14.21
90.	19.458	35.166	3.25	19.442	25.047	0.381	1522.3	7.56
100.	19.240	35.175	3.30	19.222	25.110	0.410	1521.9	4.47
125.	15.284	35.200	3.05	15.265	26.080	0.468	1510.6	11.11
150.	14.572	35.193	3.07	14.549	26.231	0.516	1508.7	4.41
175.	13.993	35.175	3.11	13.968	26.341	0.561	1507.2	3.76
200.	12.921	35.135	3.35	12.894	26.530	0.602	1504.0	4.95
250.	12.389	35.094	3.23	12.355	26.604	0.679	1503.0	2.21
300.	11.789	35.054	3.00	11.750	26.689	0.752	1501.7	2.38
350.	11.186	35.023	2.93	11.142	26.778	0.822	1500.4	2.43
400.	10.212	34.924	3.53	10.165	26.875	0.889	1497.6	2.58
450.	9.557	34.979	2.32	9.505	27.029	0.948	1496.1	3.19
500.	9.356	35.003	1.84	9.299	27.082	1.003	1496.2	1.87
550.	9.293	35.005	1.73	9.231	27.093	1.058	1496.8	0.91
600.	9.023	34.992	1.70	8.956	27.127	1.113	1496.6	1.56
650.	8.640	34.991	1.56	8.570	27.188	1.164	1495.9	2.04
700.	8.137	34.965	1.67	8.064	27.245	1.214	1494.8	2.05
750.	8.134	35.015	1.31	8.055	27.285	1.261	1495.7	1.59
800.	8.091	35.035	1.24	8.007	27.307	1.307	1496.4	1.22
850.	7.723	34.998	1.30	7.635	27.334	1.353	1495.7	1.47
900.	7.444	34.995	1.35	7.352	27.372	1.397	1495.5	1.68
950.	7.099	34.995	1.33	7.004	27.421	1.439	1495.0	1.89
1000.	6.877	34.985	1.37	6.779	27.444	1.480	1494.9	1.35
1100.	6.364	34.965	1.42	6.260	27.498	1.558	1494.5	1.46
1200.	5.780	34.925	1.66	5.670	27.542	1.631	1493.7	1.38
1300.	5.295	34.900	1.82	5.180	27.582	1.701	1493.4	1.33
1400.	4.948	34.882	1.95	4.827	27.609	1.767	1493.6	1.11
1500.	4.468	34.853	2.21	4.343	27.640	1.829	1493.3	1.25
1600.	3.978	34.827	2.47	3.849	27.672	1.889	1492.8	1.27
1700.	3.372	34.785	2.85	3.242	27.700	1.945	1491.9	1.32
1800.	3.126	34.790	2.92	2.990	27.728	1.996	1492.5	1.11
1900.	2.937	34.782	3.03	2.795	27.739	2.047	1493.4	0.83
2000.	2.795	34.782	3.08	2.646	27.751	2.096	1494.4	0.81

(xxxix)

DISCOVERY 102 STATION 10069

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.415	34.982	4.48	26.415	22.908	0.005	1538.1	-9.99
10.	26.401	34.983	4.39	26.398	22.913	0.050	1538.2	1.42
20.	26.318	34.982	4.33	26.314	22.938	0.099	1538.2	2.85
30.	26.199	34.984	4.34	26.192	22.977	0.148	1538.1	3.52
40.	25.820	34.990	4.28	25.811	23.100	0.197	1537.4	6.24
50.	24.503	34.994	4.26	24.492	23.505	0.243	1534.5	11.34
60.	23.196	35.028	3.86	23.183	23.917	0.285	1531.5	11.42
70.	22.640	35.062	3.68	22.625	24.102	0.324	1530.3	7.65
80.	22.137	35.091	3.57	22.121	24.266	0.362	1529.2	7.23
90.	20.548	35.132	3.54	20.531	24.733	0.397	1525.2	12.18
100.	19.738	35.154	3.45	19.720	24.965	0.428	1523.2	8.57
125.	15.623	35.203	3.09	15.604	26.006	0.493	1511.6	11.51
150.	15.351	35.206	2.88	15.328	26.070	0.543	1511.2	2.85
175.	14.576	35.188	2.57	14.550	26.226	0.591	1509.1	4.49
200.	13.612	35.171	3.43	13.584	26.418	0.635	1506.4	4.97
250.	12.496	35.105	2.72	12.462	26.591	0.714	1503.4	3.36
300.	11.893	35.070	2.69	11.854	26.681	0.788	1502.1	2.45
350.	11.485	35.049	2.86	11.440	26.742	0.859	1501.4	2.02
400.	10.844	35.018	2.78	10.795	26.836	0.927	1500.0	2.51
450.	9.878	34.954	2.85	9.825	26.956	0.991	1497.2	2.85
500.	9.597	34.988	2.24	9.540	27.029	1.049	1497.0	2.21
550.	9.391	34.995	1.94	9.329	27.070	1.105	1497.1	1.65
600.	9.141	35.000	1.72	9.073	27.115	1.161	1497.0	1.77
650.	8.592	34.968	1.70	8.521	27.177	1.213	1495.7	2.11
700.	8.536	35.007	1.40	8.461	27.216	1.264	1496.4	1.60
750.	8.250	35.010	1.37	8.170	27.263	1.312	1496.1	1.81
800.	8.252	35.032	1.29	8.167	27.280	1.360	1497.0	1.07
850.	7.882	35.005	1.29	7.793	27.315	1.406	1496.4	1.65
900.	7.556	34.998	1.30	7.464	27.358	1.451	1495.9	1.76
950.	7.297	34.994	1.33	7.201	27.392	1.495	1495.7	1.60
1000.	7.016	34.992	1.35	6.917	27.431	1.536	1495.5	1.69
1100.	6.468	34.972	1.42	6.363	27.490	1.615	1494.9	1.53
1200.	5.999	34.945	1.53	5.887	27.530	1.690	1494.7	1.30
1300.	5.555	34.912	1.70	5.437	27.560	1.762	1494.5	1.19
1400.	4.992	34.884	1.93	4.871	27.605	1.830	1493.8	1.43
1500.	4.553	34.860	2.16	4.426	27.637	1.894	1493.6	1.23
1600.	4.017	34.826	2.44	3.887	27.668	1.954	1493.0	1.30
1700.	3.648	34.809	2.59	3.514	27.692	2.011	1493.1	1.13
1800.	3.111	34.792	2.88	2.976	27.730	2.065	1492.5	1.41
1900.	3.039	34.791	2.92	2.896	27.737	2.115	1493.8	0.60
2000.	2.755	34.779	3.07	2.606	27.752	2.164	1494.3	1.00

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DISCOVERY 102 STATION 10070

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.000	34.985	4.37	27.000	22.725	0.005	1539.4	-9.99
10.	26.989	34.986	4.43	26.986	22.729	0.051	1539.5	1.30
20.	26.915	34.986	4.39	26.911	22.753	0.103	1539.5	2.80
30.	26.522	34.989	4.37	26.516	22.880	0.153	1538.8	6.36
40.	25.580	35.004	4.32	25.571	23.185	0.202	1536.8	9.84
50.	24.220	34.986	3.94	24.209	23.584	0.247	1533.8	11.23
60.	23.504	35.014	3.76	23.491	23.816	0.290	1532.2	8.58
70.	22.159	35.080	3.57	22.145	24.252	0.329	1529.1	11.75
80.	21.229	35.120	3.45	21.214	24.540	0.364	1526.9	9.57
90.	20.026	35.174	3.37	20.010	24.904	0.397	1523.9	10.76
100.	18.488	35.208	3.30	18.470	25.327	0.426	1519.8	11.59
125.	15.984	35.209	3.08	15.964	25.929	0.482	1512.8	8.76
150.	14.834	35.208	2.38	14.811	26.186	0.532	1509.6	5.74
175.	13.747	35.165	2.60	13.722	26.384	0.576	1506.4	5.06
200.	12.854	35.126	2.51	12.826	26.537	0.617	1503.8	4.45
250.	11.817	35.068	2.60	11.785	26.694	0.692	1501.0	3.21
300.	11.458	35.055	2.80	11.420	26.752	0.762	1500.5	1.95
350.	10.785	35.012	2.78	10.742	26.842	0.829	1498.9	2.46
400.	10.180	34.973	2.82	10.132	26.919	0.893	1497.5	2.27
450.	9.695	34.990	2.25	9.644	27.014	0.953	1496.6	2.52
500.	9.464	34.988	2.18	9.407	27.051	1.010	1496.6	1.62
550.	9.422	35.003	1.82	9.359	27.070	1.066	1497.2	1.11
600.	8.898	35.005	1.61	8.832	27.158	1.120	1496.1	2.45
650.	8.686	35.029	1.36	8.615	27.210	1.170	1496.2	1.88
700.	8.391	35.038	1.32	8.316	27.264	1.218	1495.9	1.92
750.	8.295	35.038	1.27	8.214	27.278	1.265	1496.3	1.03
800.	8.317	35.046	1.26	8.231	27.281	1.313	1497.2	0.41
850.	8.053	35.039	1.22	7.964	27.316	1.360	1497.1	1.61
900.	7.479	35.019	1.20	7.388	27.385	1.405	1495.6	2.27
950.	7.130	35.000	1.25	7.035	27.420	1.446	1495.1	1.64
1000.	6.814	34.984	1.30	6.716	27.452	1.487	1494.6	1.60
1100.	6.406	34.964	1.40	6.301	27.491	1.565	1494.7	1.27
1200.	5.885	34.937	1.54	5.775	27.538	1.639	1494.2	1.40
1300.	5.298	34.896	1.79	5.183	27.579	1.709	1493.4	1.38
1400.	4.900	34.877	2.00	4.780	27.611	1.775	1493.4	1.21
1500.	4.317	34.854	2.27	4.193	27.658	1.837	1492.6	1.47
1600.	4.002	34.828	2.47	3.873	27.670	1.895	1492.9	0.90
1700.	3.634	34.811	2.64	3.500	27.695	1.951	1493.0	1.14
1800.	3.192	34.800	2.91	3.055	27.729	2.004	1492.8	1.32
1900.	2.888	34.783	3.02	2.746	27.744	2.053	1493.2	0.97
2000.	2.669	34.775	3.17	2.521	27.757	2.101	1493.9	0.90

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DISCOVERY 102 STATION 10071

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.937	34.926	4.53	26.937	22.701	0.005	1539.2	-9.99
10.	26.949	34.927	4.56	26.947	22.698	0.052	1539.4	-1.00
20.	26.903	34.927	4.55	26.898	22.712	0.103	1539.4	2.26
30.	26.725	34.931	4.51	26.718	22.772	0.155	1539.2	4.36
40.	25.967	34.982	4.42	25.958	23.049	0.205	1537.7	9.37
50.	24.177	35.059	4.27	24.166	23.652	0.251	1533.7	13.82
60.	23.439	35.058	3.95	23.426	23.869	0.292	1532.1	8.30
70.	23.253	35.057	3.81	23.239	23.922	0.332	1531.8	4.15
80.	23.014	35.058	3.68	22.998	23.991	0.372	1531.4	4.73
90.	21.851	35.098	3.56	21.833	24.352	0.411	1528.6	10.70
100.	20.328	35.156	3.38	20.309	24.811	0.444	1524.8	12.07
125.	16.563	35.210	3.11	16.542	25.795	0.512	1514.5	11.19
150.	15.270	35.222	2.26	15.247	26.100	0.566	1511.0	6.25
175.	13.893	35.174	2.49	13.868	26.361	0.611	1506.9	5.79
200.	13.408	35.150	2.52	13.380	26.443	0.653	1505.7	3.27
250.	12.377	35.101	2.49	12.343	26.612	0.731	1503.0	3.32
300.	11.505	35.046	2.90	11.467	26.736	0.802	1500.7	2.87
350.	10.944	35.034	2.80	10.900	26.831	0.870	1499.5	2.50
400.	10.321	34.984	2.71	10.273	26.902	0.933	1498.0	2.21
450.	9.866	35.007	2.29	9.814	26.999	0.994	1497.2	2.54
500.	9.518	34.973	2.23	9.460	27.031	1.051	1496.7	1.50
550.	9.469	34.994	2.00	9.406	27.056	1.108	1497.4	1.29
600.	9.238	35.023	1.79	9.170	27.116	1.163	1497.4	2.02
650.	8.977	35.050	1.49	8.904	27.180	1.216	1497.3	2.08
700.	8.490	35.031	1.33	8.415	27.242	1.266	1496.2	2.09
750.	8.503	35.066	1.24	8.422	27.268	1.314	1497.2	1.29
800.	8.302	35.051	1.24	8.216	27.287	1.361	1497.2	1.24
850.	8.145	35.056	1.21	8.054	27.315	1.408	1497.4	1.41
900.	7.383	35.016	1.20	7.292	27.397	1.452	1495.3	2.48
950.	7.105	35.003	1.23	7.011	27.426	1.493	1495.0	1.49
1000.	6.947	34.996	1.28	6.848	27.443	1.534	1495.2	1.14
1100.	6.461	34.966	1.40	6.356	27.486	1.611	1494.9	1.33
1200.	6.100	34.947	1.50	5.988	27.518	1.687	1495.1	1.17
1300.	5.325	34.911	1.75	5.210	27.587	1.757	1493.5	1.71
1400.	4.947	34.887	1.95	4.826	27.613	1.823	1493.6	1.13
1500.	4.497	34.863	2.15	4.371	27.645	1.886	1493.4	1.25
1600.	4.064	34.833	2.45	3.934	27.668	1.945	1493.2	1.13
1700.	3.825	34.826	2.53	3.689	27.687	2.002	1493.9	0.97
1800.	3.282	34.808	2.81	3.144	27.727	2.056	1493.2	1.43
1900.	2.943	34.790	2.97	2.801	27.745	2.106	1493.4	1.04
2000.	2.729	34.778	3.12	2.581	27.754	2.154	1494.2	0.83

DISCOVERY 102 STATION 10072

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.058	34.967	4.57	27.057	22.693	0.005	1539.5	-9.99
10.	27.060	34.967	4.49	27.058	22.692	0.052	1539.7	-0.59
20.	27.054	34.967	4.54	27.049	22.694	0.103	1539.8	0.95
30.	27.019	34.967	4.46	27.012	22.705	0.155	1539.9	1.90
40.	26.926	34.967	4.46	26.916	22.736	0.207	1539.9	3.15
50.	26.445	35.002	4.50	26.434	22.914	0.257	1539.0	7.53
60.	24.955	35.073	4.36	24.942	23.428	0.305	1535.8	12.76
70.	23.459	35.060	4.03	23.445	23.864	0.348	1532.3	11.75
80.	22.755	35.071	3.74	22.739	24.076	0.387	1530.7	8.21
90.	21.913	35.100	3.53	21.896	24.336	0.425	1528.8	9.10
100.	20.156	35.151	3.45	20.137	24.853	0.458	1524.4	12.81
125.	16.988	35.237	2.84	16.968	25.715	0.527	1515.8	10.47
150.	15.309	35.218	2.45	15.286	26.088	0.580	1511.1	6.91
175.	14.282	35.176	2.73	14.257	26.280	0.627	1508.2	4.98
200.	13.720	35.162	2.60	13.692	26.388	0.670	1506.7	3.72
250.	12.173	35.088	2.50	12.140	26.641	0.747	1502.2	4.07
300.	11.489	35.050	2.94	11.451	26.742	0.818	1500.6	2.59
350.	11.199	35.043	2.85	11.155	26.791	0.887	1500.4	1.80
400.	10.706	35.040	2.50	10.657	26.878	0.953	1499.5	2.41
450.	10.293	35.068	2.08	10.240	26.972	1.015	1498.9	2.51
500.	9.542	34.979	2.23	9.485	27.031	1.072	1496.8	2.08
550.	9.474	34.999	1.91	9.412	27.058	1.129	1497.4	1.34
600.	9.537	35.078	1.61	9.468	27.110	1.184	1498.6	1.80
650.	9.080	35.109	1.23	9.007	27.209	1.236	1497.7	2.59
700.	8.640	35.069	1.24	8.564	27.249	1.285	1496.9	1.71
750.	8.400	35.065	1.20	8.320	27.283	1.333	1496.8	1.55
800.	8.192	35.045	1.22	8.107	27.299	1.379	1496.8	1.15
850.	8.134	35.052	1.17	8.044	27.314	1.426	1497.4	1.04
900.	7.696	35.049	1.13	7.603	27.377	1.471	1496.5	2.13
950.	7.071	35.014	1.24	6.976	27.440	1.512	1494.9	2.19
1000.	6.916	35.014	1.23	6.817	27.462	1.552	1495.1	1.29
1100.	6.461	34.967	1.39	6.356	27.487	1.629	1494.9	1.08
1200.	5.926	34.940	1.47	5.816	27.535	1.704	1494.4	1.42
1300.	5.349	34.915	1.75	5.234	27.588	1.774	1493.6	1.49
1400.	5.016	34.897	1.90	4.895	27.613	1.839	1493.9	1.08
1500.	4.544	34.876	2.14	4.418	27.650	1.903	1493.6	1.32
1600.	4.034	34.838	2.40	3.905	27.675	1.962	1493.1	1.21
1700.	3.644	34.827	2.61	3.511	27.706	2.017	1493.1	1.23
1800.	3.147	34.797	2.83	3.011	27.731	2.070	1492.6	1.23
1900.	2.960	34.790	2.99	2.817	27.743	2.120	1493.5	0.83
2000.	2.773	34.784	3.08	2.624	27.755	2.169	1494.4	0.85

DISCOVERY 102 STATION 10073

P-DB	T-DEGC	S-O/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.139	34.993	4.48	27.139	22.687	0.005	1539.7	-9.99
10.	27.142	34.993	4.40	27.139	22.686	0.052	1539.9	0.0
20.	27.144	34.994	4.40	27.140	22.685	0.104	1540.0	0.0
30.	27.141	35.000	4.48	27.134	22.691	0.155	1540.2	1.45
40.	27.131	35.008	4.43	27.122	22.700	0.207	1540.4	1.82
50.	26.387	35.074	4.31	26.376	22.986	0.258	1538.9	9.53
60.	23.958	35.113	4.10	23.946	23.757	0.303	1533.4	15.63
70.	22.670	35.101	3.88	22.656	24.123	0.343	1530.4	10.76
80.	22.259	35.095	3.74	22.243	24.235	0.381	1529.5	5.97
90.	21.723	35.093	3.57	21.705	24.383	0.418	1528.3	6.87
100.	18.668	35.198	3.10	18.651	25.273	0.450	1520.3	16.81
125.	15.618	35.201	2.47	15.599	26.006	0.508	1511.6	9.66
150.	14.888	35.199	2.50	14.865	26.166	0.557	1509.7	4.54
175.	13.988	35.174	2.48	13.962	26.341	0.602	1507.2	4.73
200.	13.052	35.176	2.43	13.024	26.536	0.644	1504.5	5.01
250.	12.232	35.098	2.90	12.199	26.638	0.719	1502.5	2.60
300.	11.609	35.048	3.21	11.571	26.718	0.792	1501.1	2.32
350.	11.235	35.036	2.85	11.191	26.779	0.861	1500.5	2.00
400.	10.354	35.011	2.51	10.306	26.918	0.926	1498.2	3.04
450.	9.700	35.009	2.07	9.648	27.029	0.985	1496.6	2.73
500.	9.495	35.007	1.90	9.438	27.062	1.042	1496.7	1.50
550.	9.423	35.003	1.82	9.360	27.070	1.097	1497.2	0.81
600.	9.395	35.045	1.62	9.327	27.108	1.152	1498.0	1.57
650.	9.312	35.114	1.36	9.238	27.175	1.205	1498.6	2.08
700.	8.679	35.042	1.30	8.602	27.221	1.255	1497.0	1.89
750.	8.498	35.090	1.15	8.416	27.288	1.304	1497.2	2.09
800.	8.207	35.055	1.16	8.122	27.305	1.350	1496.8	1.21
850.	7.763	35.031	1.17	7.674	27.353	1.396	1495.9	1.89
900.	7.796	35.072	1.14	7.703	27.381	1.439	1496.9	1.33
950.	7.834	35.158	0.90	7.734	27.442	1.481	1498.0	1.96
1000.	7.246	35.079	1.05	7.145	27.466	1.521	1496.5	1.54
1100.	6.412	34.968	1.37	6.307	27.494	1.598	1494.7	1.26
1200.	5.749	34.927	1.55	5.640	27.548	1.672	1493.6	1.52
1300.	5.201	34.903	1.79	5.087	27.596	1.740	1493.0	1.43
1400.	4.814	34.879	1.93	4.694	27.622	1.805	1493.1	1.13
1500.	4.708	34.883	2.02	4.580	27.637	1.868	1494.3	0.82
1600.	4.236	34.872	2.21	4.104	27.680	1.928	1494.0	1.40
1700.	3.356	34.803	2.73	3.226	27.716	1.983	1491.9	1.52
1800.	3.306	34.822	2.65	3.167	27.736	2.034	1493.3	0.86
1900.	3.055	34.814	2.71	2.911	27.753	2.084	1493.9	0.98
2000.	2.820	34.791	2.86	2.671	27.756	2.132	1494.6	0.69

DISCOVERY 102 STATION 10074

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.266	35.123	4.15	27.266	22.743	0.005	1540.1	-9.99
10.	27.270	35.128	4.10	27.267	22.746	0.051	1540.3	1.16
20.	27.273	35.128	4.13	27.268	22.745	0.102	1540.5	0.0
30.	27.276	35.128	4.10	27.269	22.744	0.154	1540.7	0.0
40.	27.274	35.128	4.09	27.265	22.745	0.205	1540.8	0.56
50.	26.787	35.138	4.02	26.776	22.908	0.256	1539.9	7.20
60.	23.849	35.128	3.77	23.836	23.801	0.302	1533.2	16.82
70.	22.302	35.132	3.43	22.288	24.251	0.341	1529.5	11.93
80.	21.550	35.133	3.22	21.534	24.462	0.377	1527.7	8.19
90.	20.699	35.146	3.12	20.682	24.704	0.411	1525.7	8.78
100.	19.048	35.178	2.94	19.031	25.161	0.442	1521.3	12.06
125.	15.468	35.206	2.32	15.449	26.043	0.500	1511.2	10.59
150.	14.803	35.200	2.25	14.780	26.186	0.549	1509.4	4.29
175.	13.978	35.168	2.46	13.953	26.338	0.594	1507.2	4.42
200.	13.096	35.137	2.80	13.068	26.497	0.635	1504.6	4.53
250.	12.264	35.091	2.89	12.231	26.627	0.712	1502.6	2.91
300.	11.560	35.046	2.89	11.522	26.725	0.784	1500.9	2.56
350.	11.299	35.051	2.68	11.255	26.778	0.853	1500.8	1.86
400.	10.716	35.026	2.46	10.667	26.865	0.919	1499.5	2.41
450.	10.265	35.091	1.90	10.211	26.995	0.981	1498.8	2.92
500.	9.456	35.005	1.84	9.399	27.066	1.037	1496.5	2.24
550.	9.348	35.019	1.59	9.286	27.095	1.092	1497.0	1.39
600.	9.445	35.087	1.46	9.376	27.132	1.146	1498.2	1.52
650.	9.390	35.124	1.26	9.315	27.170	1.198	1498.9	1.58
700.	8.780	35.048	1.26	8.703	27.210	1.249	1497.4	1.76
750.	8.471	35.087	1.09	8.390	27.289	1.297	1497.1	2.33
800.	8.161	35.079	1.01	8.076	27.331	1.343	1496.7	1.72
850.	8.341	35.173	0.84	8.249	27.377	1.387	1498.3	1.65
900.	7.560	35.031	1.10	7.468	27.383	1.430	1496.0	1.18
950.	7.304	35.017	1.14	7.208	27.409	1.473	1495.8	1.42
1000.	6.891	34.993	1.20	6.793	27.449	1.513	1495.0	1.78
1100.	6.671	35.002	1.24	6.564	27.486	1.592	1495.8	1.17
1200.	6.343	34.995	1.31	6.228	27.524	1.668	1496.1	1.24
1300.	5.429	34.908	1.60	5.313	27.572	1.738	1494.0	1.56
1400.	4.955	34.886	1.78	4.834	27.611	1.804	1493.7	1.34
1500.	4.606	34.866	1.97	4.479	27.635	1.867	1493.8	1.10
1600.	4.107	34.842	2.19	3.976	27.671	1.929	1493.4	1.32
1700.	3.496	34.809	2.46	3.364	27.707	1.986	1492.5	1.41
1800.	3.198	34.798	2.64	3.061	27.727	2.038	1492.8	1.04
1900.	3.120	34.817	2.53	2.975	27.749	2.088	1494.2	0.92
2000.	2.831	34.784	2.86	2.681	27.750	2.137	1494.6	0.73

(xlv)

DISCOVERY 102 STATION 10075

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.117	35.120	4.68	27.117	22.789	0.005	1539.8	-9.99
10.	27.116	35.120	4.65	27.114	22.789	0.051	1540.0	0.0
20.	27.118	35.119	4.60	27.113	22.788	0.102	1540.1	-0.56
30.	27.116	35.120	4.59	27.109	22.789	0.152	1540.3	0.78
40.	27.089	35.118	4.60	27.080	22.797	0.203	1540.4	1.55
50.	26.278	35.102	4.55	26.267	23.041	0.254	1538.7	8.82
60.	23.488	35.086	4.22	23.475	23.875	0.298	1532.3	16.24
70.	21.859	35.131	3.95	21.845	24.374	0.336	1528.4	12.58
80.	20.904	35.149	3.79	20.889	24.651	0.371	1526.0	9.36
90.	20.038	35.164	3.61	20.021	24.894	0.403	1523.9	8.80
100.	19.380	35.181	3.45	19.362	25.078	0.433	1522.3	7.66
125.	16.363	35.247	2.42	16.343	25.870	0.492	1514.0	10.04
150.	15.005	35.200	2.56	14.982	26.142	0.544	1510.1	5.90
175.	14.364	35.185	2.46	14.338	26.269	0.590	1508.4	4.05
200.	13.364	35.152	3.22	13.336	26.454	0.633	1505.5	4.89
250.	12.274	35.093	3.20	12.241	26.626	0.711	1502.6	3.35
300.	11.836	35.069	2.95	11.797	26.691	0.785	1501.9	2.09
350.	11.512	35.057	2.94	11.467	26.744	0.855	1501.5	1.87
400.	10.908	35.036	2.84	10.859	26.838	0.923	1500.2	2.51
450.	10.464	35.170	1.64	10.410	27.022	0.985	1499.6	3.45
500.	9.445	35.011	1.91	9.388	27.073	1.041	1496.5	1.97
550.	9.276	35.026	1.65	9.214	27.112	1.096	1496.7	1.63
600.	9.090	35.037	1.52	9.023	27.151	1.148	1496.9	1.63
650.	8.882	35.030	1.43	8.810	27.180	1.200	1496.9	1.43
700.	8.887	35.059	1.34	8.809	27.202	1.251	1497.8	1.20
750.	8.885	35.207	1.06	8.801	27.317	1.300	1498.8	2.70
800.	7.893	35.039	1.23	7.810	27.340	1.345	1495.6	1.60
850.	7.848	35.039	1.23	7.760	27.346	1.389	1496.3	0.73
900.	7.559	35.031	1.22	7.467	27.383	1.433	1496.0	1.64
950.	7.088	35.005	1.23	6.994	27.430	1.475	1494.9	1.90
1000.	6.902	34.993	1.29	6.804	27.447	1.515	1495.0	1.16
1100.	6.618	34.999	1.32	6.512	27.491	1.594	1495.5	1.28
1200.	6.098	34.964	1.49	5.985	27.532	1.669	1495.1	1.33
1300.	5.417	34.920	1.73	5.301	27.583	1.739	1493.9	1.51
1400.	5.022	34.891	1.91	4.900	27.608	1.805	1493.9	1.11
1500.	4.675	34.870	2.08	4.548	27.631	1.869	1494.1	1.07
1600.	4.094	34.842	2.30	3.963	27.672	1.930	1493.3	1.44
1700.	3.608	34.816	2.61	3.475	27.701	1.986	1492.9	1.25
1800.	3.195	34.799	2.80	3.059	27.728	2.039	1492.8	1.21
1900.	2.878	34.784	3.00	2.736	27.746	2.088	1493.1	1.04
2000.	2.912	34.802	2.85	2.761	27.757	2.137	1495.0	0.56

DISCOVERY 102 STATION 10076

P-DB	T-DEGC	S-O/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.811	35.048	4.38	26.811	22.832	0.005	1539.1	-9.99
10.	26.815	35.049	4.32	26.813	22.832	0.050	1539.2	0.0
20.	26.789	35.044	4.36	26.785	22.837	0.101	1539.3	1.34
30.	26.740	35.040	4.32	26.734	22.849	0.151	1539.4	2.05
40.	25.834	35.001	4.25	25.825	23.104	0.200	1537.4	8.99
50.	22.492	35.013	3.91	22.482	24.106	0.243	1529.5	17.82
60.	20.534	35.098	3.64	20.523	24.712	0.278	1524.7	13.85
70.	18.788	35.148	3.35	18.775	25.205	0.308	1520.1	12.50
80.	17.850	35.166	3.18	17.836	25.453	0.335	1517.6	8.87
90.	15.894	35.212	3.19	15.880	25.951	0.359	1511.9	12.58
100.	15.320	35.216	2.61	15.305	26.084	0.379	1510.3	6.52
125.	14.798	35.192	2.54	14.779	26.181	0.427	1509.0	3.54
150.	13.987	35.173	2.63	13.965	26.341	0.472	1506.8	4.53
175.	13.390	35.153	3.11	13.366	26.449	0.514	1505.2	3.73
200.	12.237	35.091	3.13	12.211	26.631	0.552	1501.7	4.86
250.	11.754	35.057	3.09	11.721	26.698	0.624	1500.8	2.10
300.	11.369	35.042	2.93	11.331	26.759	0.694	1500.2	2.01
350.	10.926	34.997	3.24	10.883	26.805	0.761	1499.4	1.79
400.	10.823	35.016	2.89	10.774	26.838	0.827	1499.9	1.49
450.	10.995	35.150	2.10	10.939	26.911	0.892	1501.5	2.13
500.	9.975	35.135	1.52	9.916	27.080	0.951	1498.6	3.36
550.	9.337	35.070	1.51	9.274	27.137	1.005	1497.0	2.03
600.	9.038	35.030	1.50	8.971	27.155	1.057	1496.7	1.20
650.	8.968	35.040	1.40	8.896	27.173	1.109	1497.2	1.12
700.	9.253	35.154	1.11	9.173	27.216	1.160	1499.3	1.58
750.	8.781	35.162	0.98	8.698	27.299	1.209	1498.3	2.40
800.	7.930	35.044	1.21	7.847	27.339	1.254	1495.8	1.87
850.	7.692	35.023	1.20	7.604	27.358	1.298	1495.7	1.24
900.	7.390	35.013	1.26	7.298	27.394	1.341	1495.3	1.63
950.	7.081	35.003	1.25	6.987	27.430	1.382	1494.9	1.66
1000.	6.890	34.996	1.30	6.792	27.451	1.423	1495.0	1.29
1100.	6.721	35.005	1.35	6.613	27.482	1.501	1496.0	1.07
1200.	6.046	34.958	1.48	5.935	27.534	1.577	1494.9	1.51
1300.	5.386	34.918	1.76	5.270	27.586	1.646	1493.8	1.52
1400.	4.983	34.887	1.92	4.862	27.609	1.711	1493.8	1.10
1500.	4.472	34.863	2.19	4.346	27.648	1.774	1493.3	1.36
1600.	4.124	34.843	2.34	3.994	27.669	1.834	1493.5	1.06
1700.	3.725	34.825	2.57	3.590	27.697	1.892	1493.4	1.20
1800.	3.333	34.806	2.80	3.194	27.720	1.945	1493.4	1.16
1900.	2.948	34.788	3.00	2.806	27.742	1.996	1493.4	1.13
2000.	2.835	34.783	3.08	2.685	27.748	2.045	1494.6	0.64

DISCOVERY 102 STATION 10077

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.763	34.921	4.58	26.762	22.753	0.005	1538.8	-9.99
10.	26.765	34.921	4.53	26.763	22.751	0.051	1539.0	-0.57
20.	25.988	34.925	4.44	25.983	22.999	0.101	1537.4	8.85
30.	23.910	34.962	4.29	23.904	23.657	0.147	1532.7	14.43
40.	21.845	35.006	4.04	21.838	24.283	0.187	1527.7	14.07
50.	19.705	35.064	3.73	19.696	24.904	0.221	1522.2	14.03
60.	17.680	35.100	3.42	17.670	25.444	0.249	1516.7	13.08
70.	15.716	35.158	3.14	15.705	25.950	0.272	1511.0	12.68
80.	14.753	35.184	2.99	14.741	26.185	0.291	1508.1	8.61
90.	14.600	35.183	2.87	14.587	26.217	0.310	1507.8	3.21
100.	14.401	35.184	2.61	14.386	26.261	0.328	1507.3	3.78
125.	13.812	35.200	2.34	13.794	26.398	0.371	1505.8	4.18
150.	13.175	35.143	2.82	13.154	26.485	0.413	1504.1	3.38
175.	13.095	35.143	2.69	13.071	26.501	0.453	1504.2	1.44
200.	12.766	35.130	2.73	12.738	26.558	0.492	1503.5	2.71
250.	12.079	35.092	3.03	12.046	26.663	0.567	1501.9	2.63
300.	11.365	35.028	3.28	11.327	26.748	0.637	1500.2	2.38
350.	11.090	35.026	2.89	11.047	26.797	0.705	1500.0	1.82
400.	10.853	35.121	2.68	10.804	26.914	0.770	1500.1	2.74
450.	11.048	35.277	1.39	10.992	27.000	0.830	1501.8	2.33
500.	10.661	35.305	1.09	10.600	27.092	0.887	1501.3	2.46
550.	10.130	35.260	1.01	10.064	27.151	0.940	1500.2	2.04
600.	9.646	35.191	1.02	9.576	27.179	0.992	1499.1	1.49
650.	9.586	35.221	1.00	9.511	27.213	1.043	1499.8	1.49
700.	8.923	35.120	1.15	8.845	27.243	1.092	1498.0	1.61
750.	8.747	35.172	0.96	8.665	27.312	1.140	1498.2	2.13
800.	7.920	35.039	1.22	7.837	27.336	1.185	1495.7	1.57
850.	7.763	35.037	1.18	7.675	27.358	1.230	1495.9	1.27
900.	7.535	35.021	1.24	7.443	27.379	1.273	1495.9	1.29
950.	7.385	35.031	1.21	7.289	27.409	1.316	1496.1	1.46
1000.	7.103	35.004	1.27	7.004	27.428	1.357	1495.8	1.29
1100.	6.693	35.014	1.33	6.586	27.492	1.437	1495.9	1.54
1200.	5.889	34.947	1.49	5.779	27.546	1.512	1494.2	1.56
1300.	5.409	34.922	1.74	5.293	27.586	1.581	1493.9	1.33
1400.	4.873	34.886	1.93	4.753	27.621	1.646	1493.3	1.30
1500.	4.421	34.863	2.19	4.296	27.653	1.708	1493.1	1.26
1600.	4.047	34.834	2.40	3.917	27.671	1.767	1493.1	1.02
1700.	3.845	34.824	2.55	3.708	27.683	1.824	1493.9	0.83
1800.	3.326	34.800	2.81	3.187	27.716	1.879	1493.4	1.33
1900.	2.923	34.787	2.99	2.781	27.744	1.930	1493.3	1.23
2000.	2.759	34.789	3.05	2.610	27.760	1.978	1494.3	0.88

DISCOVERY 102 STATION 10078

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	25.327	34.963	4.45	25.327	23.232	0.005	1535.6	-9.99
10.	24.848	34.958	4.43	24.846	23.374	0.046	1534.6	7.11
20.	23.418	34.968	4.29	23.414	23.806	0.090	1531.3	11.70
30.	20.999	35.005	3.96	20.993	24.515	0.127	1525.3	14.98
40.	18.306	35.020	3.67	18.299	25.227	0.159	1518.0	15.01
50.	14.538	35.172	3.02	14.531	26.222	0.181	1506.9	17.74
60.	14.021	35.167	2.88	14.012	26.329	0.198	1505.4	5.82
70.	13.746	35.160	2.83	13.736	26.381	0.215	1504.7	4.08
80.	13.642	35.169	2.78	13.631	26.409	0.232	1504.5	3.06
90.	13.573	35.171	2.74	13.560	26.425	0.248	1504.5	2.27
100.	13.450	35.160	2.81	13.436	26.443	0.264	1504.2	2.41
125.	13.324	35.147	2.97	13.307	26.458	0.305	1504.2	1.44
150.	13.286	35.143	3.03	13.265	26.463	0.345	1504.4	0.86
175.	12.965	35.126	3.36	12.941	26.515	0.385	1503.8	2.60
200.	12.349	35.102	3.33	12.323	26.618	0.424	1502.0	3.66
250.	11.818	35.058	3.43	11.786	26.687	0.496	1501.0	2.13
300.	11.636	35.071	3.18	11.597	26.731	0.567	1501.2	1.70
350.	11.173	35.123	2.32	11.129	26.857	0.634	1500.4	2.87
400.	10.503	35.074	2.23	10.455	26.940	0.697	1498.8	2.37
450.	10.349	35.153	1.55	10.295	27.029	0.756	1499.2	2.39
500.	9.800	35.172	1.34	9.741	27.139	0.810	1498.0	2.70
550.	9.786	35.197	1.19	9.722	27.161	0.862	1498.8	1.21
600.	9.721	35.211	1.11	9.652	27.183	0.913	1499.4	1.22

(xlix)

DISCOVERY 102 STATION 10079

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.280	35.579	4.58	27.279	23.082	0.005	1540.7	-9.99
10.	27.278	35.578	4.57	27.276	23.082	0.048	1540.8	0.0
20.	27.284	35.580	4.55	27.280	23.081	0.096	1541.0	0.56
30.	27.286	35.580	4.58	27.279	23.081	0.144	1541.2	0.0
40.	27.289	35.580	4.61	27.279	23.080	0.192	1541.3	0.0
50.	27.267	35.574	4.60	27.256	23.083	0.240	1541.5	0.95
60.	27.274	35.576	4.60	27.260	23.082	0.289	1541.6	0.0
70.	27.280	35.576	4.56	27.264	23.080	0.337	1541.8	-0.54
80.	27.189	35.551	4.55	27.170	23.090	0.385	1541.7	1.90
90.	26.905	35.521	4.50	26.884	23.158	0.433	1541.2	4.67
100.	25.973	35.678	4.11	25.950	23.571	0.478	1539.5	11.45
125.	21.733	35.483	2.66	21.708	24.676	0.574	1529.3	11.85
150.	18.193	35.410	2.03	18.167	25.554	0.647	1520.0	10.58
175.	15.290	35.277	1.78	15.263	26.138	0.702	1511.5	8.64
200.	13.742	35.237	1.90	13.714	26.441	0.746	1506.9	6.25
250.	12.555	35.296	1.62	12.521	26.728	0.821	1503.8	4.30
300.	11.982	35.309	1.39	11.943	26.850	0.888	1502.7	2.82
350.	11.237	35.238	1.51	11.192	26.935	0.950	1500.8	2.40
400.	10.812	35.207	1.58	10.763	26.988	1.010	1500.1	1.91
450.	10.335	35.154	1.54	10.281	27.032	1.067	1499.1	1.76
500.	10.247	35.183	1.43	10.188	27.070	1.123	1499.7	1.59
550.	9.970	35.171	1.40	9.905	27.109	1.178	1499.5	1.65
600.	9.552	35.113	1.43	9.483	27.135	1.232	1498.7	1.42
650.	9.842	35.213	1.27	9.766	27.163	1.285	1500.7	1.27
700.	9.862	35.297	0.90	9.779	27.226	1.337	1501.7	2.00
750.	9.816	35.363	0.73	9.727	27.285	1.386	1502.4	1.94
800.	9.342	35.310	0.76	9.250	27.323	1.433	1501.4	1.72
850.	9.091	35.305	0.75	8.995	27.360	1.478	1501.3	1.65
900.	8.418	35.223	0.78	8.320	27.404	1.522	1499.5	1.89
950.	8.142	35.201	0.80	8.040	27.429	1.564	1499.2	1.43
1000.	7.638	35.141	0.86	7.534	27.458	1.605	1498.1	1.60
1100.	6.935	35.089	1.13	6.826	27.518	1.683	1496.9	1.57
1200.	6.232	35.037	1.27	6.118	27.572	1.755	1495.7	1.53
1300.	5.650	34.995	1.47	5.532	27.614	1.823	1495.0	1.38
1400.	5.207	34.960	1.61	5.084	27.640	1.887	1494.8	1.16
1500.	4.583	34.901	1.98	4.457	27.665	1.948	1493.8	1.23
1600.	4.090	34.875	2.20	3.959	27.699	2.006	1493.4	1.30
1700.	3.656	34.848	2.42	3.522	27.722	2.060	1493.2	1.17
1800.	3.259	34.817	2.66	3.121	27.736	2.112	1493.1	1.03
1900.	2.970	34.804	2.86	2.827	27.753	2.161	1493.6	0.99
2000.	2.747	34.795	2.95	2.599	27.766	2.209	1494.3	0.89

(L)

DISCOVERY 102 STATION 10080

P-DB	T-DEGC	S-O/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.494	35.618	4.83	27.494	23.042	0.005	1541.2	-9.99
10.	27.498	35.637	4.80	27.496	23.055	0.048	1541.4	2.16
20.	27.498	35.637	4.82	27.493	23.055	0.097	1541.5	0.56
30.	27.495	35.636	4.76	27.488	23.055	0.145	1541.7	0.56
40.	27.487	35.635	4.71	27.478	23.057	0.193	1541.8	0.95
50.	27.483	35.635	4.70	27.471	23.058	0.242	1542.0	0.78
60.	27.473	35.633	4.71	27.459	23.060	0.290	1542.1	0.95
70.	27.455	35.629	4.71	27.439	23.063	0.338	1542.3	1.10
80.	27.418	35.622	4.68	27.399	23.070	0.387	1542.3	1.45
90.	26.980	35.586	4.53	26.959	23.184	0.435	1541.5	6.05
100.	26.222	35.675	4.30	26.199	23.491	0.481	1540.0	9.87
125.	21.717	35.491	2.64	21.692	24.687	0.577	1529.3	12.33
150.	18.473	35.402	2.01	18.446	25.479	0.652	1520.8	10.05
175.	16.016	35.347	1.66	15.988	26.027	0.709	1513.8	8.37
200.	14.467	35.298	1.49	14.437	26.334	0.756	1509.3	6.29
250.	12.877	35.267	1.69	12.843	26.642	0.837	1504.9	4.46
300.	11.735	35.213	1.84	11.696	26.822	0.906	1501.7	3.44
350.	11.398	35.282	1.25	11.353	26.939	0.969	1501.4	2.76
400.	10.727	35.225	1.46	10.678	27.018	1.027	1499.8	2.30
450.	10.028	35.117	1.47	9.975	27.057	1.083	1498.0	1.71
500.	9.962	35.144	1.44	9.903	27.089	1.138	1498.6	1.47
550.	10.552	35.314	1.11	10.485	27.119	1.193	1501.7	1.23
600.	10.136	35.268	1.15	10.065	27.156	1.246	1501.0	1.65
650.	10.047	35.288	0.95	9.969	27.187	1.298	1501.5	1.44
700.	9.524	35.219	1.05	9.443	27.222	1.349	1500.3	1.68
750.	9.791	35.333	0.84	9.702	27.266	1.398	1502.3	1.58
800.	9.543	35.338	0.72	9.449	27.312	1.446	1502.2	1.80
850.	8.830	35.232	0.80	8.735	27.346	1.493	1500.2	1.72
900.	8.654	35.250	0.81	8.554	27.388	1.537	1500.4	1.71
950.	8.445	35.249	0.76	8.340	27.420	1.580	1500.5	1.54
1000.	8.285	35.273	0.78	8.177	27.464	1.622	1500.7	1.74
1100.	7.069	35.133	1.02	6.959	27.534	1.699	1497.5	1.78
1200.	6.215	35.029	1.25	6.101	27.568	1.771	1495.6	1.37
1300.	5.621	34.975	1.55	5.503	27.601	1.839	1494.8	1.28
1400.	5.203	34.946	1.74	5.080	27.630	1.905	1494.7	1.17
1500.	4.703	34.919	1.90	4.575	27.666	1.966	1494.3	1.32
1600.	4.185	34.880	2.19	4.054	27.693	2.025	1493.8	1.23
1700.	3.687	34.845	2.46	3.553	27.717	2.079	1493.3	1.20
1800.	3.377	34.825	2.66	3.238	27.731	2.132	1493.6	0.96
1900.	3.104	34.816	2.79	2.959	27.750	2.182	1494.1	1.02
2000.	2.850	34.807	2.94	2.700	27.766	2.231	1494.7	0.97

(L1)

DISCOVERY 102 STATION 10081

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.567	35.564	4.78	27.567	22.978	0.005	1541.3	-9.99
10.	27.577	35.569	4.69	27.575	22.978	0.049	1541.5	0.57
20.	27.576	35.569	4.71	27.572	22.979	0.098	1541.6	0.78
30.	27.579	35.568	4.66	27.571	22.977	0.147	1541.8	-0.54
40.	27.578	35.570	4.67	27.569	22.979	0.196	1542.0	0.95
50.	27.578	35.574	4.63	27.567	22.982	0.245	1542.1	1.11
60.	27.558	35.591	4.65	27.544	23.001	0.294	1542.3	2.58
70.	27.513	35.619	4.64	27.496	23.037	0.343	1542.4	3.38
80.	27.287	35.645	4.61	27.268	23.129	0.391	1542.1	5.44
90.	25.096	35.617	3.85	25.077	23.796	0.436	1537.2	14.54
100.	23.009	35.534	3.15	22.989	24.353	0.475	1532.2	13.30
125.	19.625	35.435	2.24	19.602	25.209	0.554	1523.6	10.44
150.	18.053	35.432	1.43	18.027	25.606	0.618	1519.6	7.12
175.	15.858	35.367	1.40	15.830	26.079	0.673	1513.4	7.78
200.	14.520	35.338	1.32	14.490	26.354	0.720	1509.5	5.94
250.	12.861	35.335	1.29	12.827	26.697	0.799	1504.9	4.71
300.	11.699	35.259	1.47	11.660	26.865	0.865	1501.6	3.32
350.	11.390	35.266	1.43	11.346	26.928	0.927	1501.4	2.05
400.	11.086	35.259	1.35	11.036	26.979	0.987	1501.1	1.86
450.	11.072	35.330	1.15	11.016	27.037	1.045	1502.0	1.95
500.	10.548	35.274	1.14	10.487	27.088	1.101	1500.9	1.90
550.	10.326	35.300	1.03	10.260	27.148	1.155	1500.9	2.00
600.	10.269	35.346	0.84	10.196	27.194	1.206	1501.6	1.73
650.	9.729	35.285	0.88	9.653	27.239	1.256	1500.4	1.84
700.	9.495	35.302	0.77	9.414	27.292	1.304	1500.3	1.91
750.	9.309	35.306	0.73	9.223	27.325	1.350	1500.5	1.53
800.	9.029	35.295	0.73	8.939	27.363	1.395	1500.2	1.64
850.	8.796	35.282	0.72	8.702	27.391	1.439	1500.2	1.44
900.	8.304	35.223	0.78	8.206	27.422	1.482	1499.1	1.62
950.	7.936	35.183	0.87	7.836	27.447	1.523	1498.4	1.45
1000.	7.751	35.173	0.93	7.646	27.466	1.563	1498.5	1.23
1100.	7.048	35.117	1.00	6.938	27.524	1.641	1497.4	1.56
1200.	6.305	35.039	1.24	6.191	27.564	1.713	1496.0	1.38
1300.	5.817	35.020	1.40	5.697	27.612	1.781	1495.7	1.42
1400.	5.069	34.950	1.71	4.947	27.648	1.845	1494.2	1.38
1500.	4.526	34.910	1.93	4.400	27.679	1.905	1493.6	1.28
1600.	3.978	34.863	2.28	3.849	27.701	1.962	1492.9	1.19
1700.	3.501	34.822	2.61	3.369	27.717	2.015	1492.5	1.07
1800.	3.358	34.827	2.63	3.219	27.735	2.067	1493.6	0.90
1900.	3.082	34.815	2.73	2.938	27.751	2.117	1494.0	0.98
2000.	2.800	34.801	2.86	2.651	27.766	2.165	1494.5	0.98

(Lii)

DI OVERY 102 STATION 10082

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.524	35.597	4.53	27.524	23.016	0.005	1541.2	-9.99
10.	27.531	35.598	4.66	27.528	23.015	0.049	1541.4	-0.57
20.	27.534	35.598	4.68	27.529	23.014	0.097	1541.6	0.0
30.	27.535	35.599	4.58	27.528	23.014	0.146	1541.7	0.54
40.	27.502	35.600	4.57	27.492	23.026	0.195	1541.8	2.05
50.	25.236	35.606	3.91	25.225	23.745	0.241	1536.9	15.09
60.	22.556	35.519	3.06	22.544	24.472	0.279	1530.4	15.17
70.	21.885	35.484	2.68	21.872	24.635	0.314	1528.8	7.21
80.	20.235	35.431	2.33	20.220	25.045	0.345	1524.6	11.40
90.	18.794	35.339	2.29	18.778	25.349	0.373	1520.6	9.83
100.	18.255	35.290	2.64	18.238	25.447	0.399	1519.2	5.59
125.	17.868	35.275	2.66	17.846	25.532	0.462	1518.5	3.30
150.	17.281	35.280	2.44	17.255	25.678	0.523	1517.2	4.34
175.	16.120	35.373	1.41	16.092	26.023	0.578	1514.2	6.63
200.	14.384	35.410	1.02	14.355	26.438	0.624	1509.2	7.30
250.	13.524	35.397	1.06	13.489	26.610	0.704	1507.2	3.34
300.	12.426	35.340	1.24	12.386	26.787	0.775	1504.2	3.42
350.	12.367	35.442	0.89	12.320	26.878	0.840	1505.0	2.42
400.	11.798	35.432	0.86	11.745	26.981	0.901	1503.8	2.62
450.	11.377	35.423	0.84	11.319	27.053	0.959	1503.2	2.20
500.	11.025	35.411	0.83	10.962	27.109	1.014	1502.7	1.97
550.	10.682	35.384	0.83	10.614	27.150	1.068	1502.3	1.71
600.	10.654	35.453	0.65	10.580	27.208	1.119	1503.1	1.95
650.	10.233	35.428	0.61	10.154	27.264	1.168	1502.4	1.97
700.	9.927	35.429	0.60	9.844	27.318	1.215	1502.1	1.94
750.	8.691	35.237	0.75	8.609	27.372	1.259	1498.1	2.15
800.	8.362	35.224	0.80	8.276	27.413	1.302	1497.7	1.75
850.	7.886	35.177	0.89	7.797	27.449	1.342	1496.6	1.68
900.	7.618	35.170	0.91	7.525	27.484	1.381	1496.4	1.62
950.	7.144	35.100	1.06	7.049	27.497	1.419	1495.3	1.24
1000.	6.839	35.069	1.14	6.741	27.516	1.456	1494.9	1.28
1100.	6.253	35.000	1.35	6.150	27.540	1.528	1494.1	1.13
1200.	6.212	35.034	1.33	6.099	27.572	1.598	1495.6	1.04
1300.	5.935	35.016	1.39	5.814	27.594	1.667	1496.1	0.99
1400.	5.348	34.971	1.71	5.223	27.632	1.733	1495.4	1.35
1500.	4.790	34.927	1.87	4.661	27.663	1.796	1494.7	1.28
1600.	4.295	34.888	2.17	4.162	27.687	1.854	1494.2	1.18
1700.	3.823	34.869	2.27	3.686	27.722	1.909	1493.9	1.33
1800.	3.467	34.846	2.45	3.326	27.739	1.962	1494.0	1.04
1900.	3.083	34.815	2.73	2.939	27.751	2.011	1494.0	1.00
2000.	2.799	34.800	2.89	2.650	27.766	2.059	1494.5	0.97

(Liii)

DISCOVERY 102 STATION 10083

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.434	35.603	4.74	27.434	23.050	0.005	1541.0	-9.99
10.	27.431	35.607	4.70	27.428	23.054	0.048	1541.2	1.29
20.	27.439	35.609	4.60	27.435	23.053	0.097	1541.4	0.0
30.	27.391	35.609	4.55	27.384	23.069	0.145	1541.4	2.33
40.	24.715	35.462	4.02	24.706	23.794	0.190	1535.3	15.16
50.	21.639	35.457	3.22	21.629	24.683	0.228	1527.8	16.77
60.	20.289	35.412	2.48	20.278	25.016	0.259	1524.4	10.28
70.	18.813	35.314	2.70	18.800	25.326	0.287	1520.3	9.93
80.	18.607	35.300	2.74	18.593	25.367	0.314	1519.9	3.65
90.	18.344	35.287	2.86	18.328	25.423	0.340	1519.3	4.23
100.	18.207	35.286	2.80	18.190	25.456	0.366	1519.1	3.30
125.	17.388	35.261	2.61	17.367	25.638	0.428	1517.0	4.82
150.	16.843	35.257	2.57	16.819	25.765	0.487	1515.8	4.04
175.	15.363	35.403	1.18	15.336	26.218	0.539	1511.9	7.61
200.	15.197	35.397	1.08	15.166	26.250	0.586	1511.8	2.07
250.	13.475	35.379	1.13	13.439	26.606	0.668	1507.0	4.80
300.	12.709	35.369	1.17	12.668	26.754	0.740	1505.2	3.09
350.	12.250	35.370	1.11	12.203	26.845	0.807	1504.5	2.47
400.	11.985	35.382	1.08	11.933	26.906	0.871	1504.4	2.01
450.	11.632	35.394	0.96	11.573	26.982	0.933	1504.0	2.25
500.	11.487	35.430	0.84	11.423	27.038	0.991	1504.4	1.91
550.	11.219	35.423	0.82	11.149	27.082	1.048	1504.2	1.73
600.	10.967	35.439	0.76	10.892	27.141	1.103	1504.2	1.99
650.	10.865	35.477	0.67	10.784	27.189	1.156	1504.7	1.79
700.	10.467	35.462	0.58	10.381	27.249	1.207	1504.1	2.03
750.	10.023	35.456	0.52	9.933	27.322	1.255	1503.3	2.26
800.	9.375	35.378	0.59	9.283	27.371	1.300	1501.6	1.96
850.	8.294	35.245	0.78	8.203	27.440	1.342	1498.2	2.37
900.	7.924	35.221	0.80	7.829	27.478	1.382	1497.6	1.71
950.	7.315	35.156	0.92	7.218	27.517	1.420	1496.0	1.82
1000.	6.925	35.103	1.07	6.827	27.531	1.456	1495.2	1.20
1100.	6.181	34.998	1.29	6.078	27.548	1.527	1493.8	1.07
1200.	6.048	35.018	1.35	5.936	27.581	1.596	1494.9	1.09
1300.	5.830	35.010	1.44	5.709	27.603	1.664	1495.7	0.96
1400.	5.351	34.990	1.54	5.226	27.647	1.729	1495.4	1.39
1500.	4.688	34.933	1.82	4.560	27.679	1.790	1494.3	1.34
1600.	4.155	34.896	2.08	4.024	27.708	1.847	1493.7	1.26
1700.	3.711	34.850	2.42	3.576	27.718	1.901	1493.4	0.98
1800.	3.541	34.845	2.49	3.399	27.731	1.954	1494.4	0.82
1900.	3.316	34.832	2.58	3.168	27.743	2.005	1495.1	0.86
2000.	3.066	34.816	2.73	2.913	27.754	2.055	1495.6	0.89

(Liv)

DISCOVERY 102 STATION 10084

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	27.036	35.587	4.52	27.035	23.166	0.005	1540.1	-9.99
10.	27.043	35.587	4.50	27.041	23.164	0.047	1540.3	-0.82
20.	27.036	35.587	4.49	27.031	23.166	0.094	1540.5	0.78
30.	26.963	35.579	4.50	26.956	23.184	0.142	1540.5	2.39
40.	24.890	35.429	4.27	24.881	23.717	0.187	1535.7	13.00
50.	22.169	35.427	3.37	22.159	24.511	0.225	1529.2	15.86
60.	20.328	35.430	2.53	20.316	25.019	0.257	1524.5	12.69
70.	19.032	35.326	2.64	19.019	25.279	0.285	1521.0	9.07
80.	18.657	35.306	2.67	18.643	25.358	0.311	1520.0	5.04
90.	18.223	35.283	2.72	18.207	25.450	0.338	1518.9	5.42
100.	18.124	35.283	2.73	18.107	25.475	0.363	1518.8	2.86
125.	17.432	35.263	2.62	17.411	25.629	0.425	1517.2	4.45
150.	16.782	35.246	2.53	16.758	25.771	0.484	1515.6	4.27
175.	15.626	35.387	1.21	15.599	26.147	0.537	1512.7	6.92
200.	14.721	35.454	0.98	14.691	26.399	0.581	1510.3	5.69
250.	12.872	35.323	1.34	12.838	26.686	0.658	1504.9	4.33
300.	11.958	35.295	1.34	11.919	26.844	0.726	1502.6	3.22
350.	11.359	35.237	1.57	11.315	26.912	0.789	1501.2	2.14
400.	11.587	35.373	1.02	11.535	26.974	0.850	1503.0	1.98
450.	11.151	35.338	1.09	11.094	27.029	0.908	1502.3	1.93
500.	10.530	35.264	1.14	10.469	27.084	0.964	1500.8	1.97
550.	10.229	35.260	1.12	10.163	27.133	1.018	1500.5	1.84
600.	10.066	35.279	1.01	9.995	27.177	1.070	1500.8	1.72
650.	9.771	35.303	0.80	9.695	27.246	1.120	1500.5	2.16
700.	9.789	35.334	0.83	9.707	27.267	1.169	1501.5	1.17
750.	9.631	35.342	0.71	9.544	27.300	1.216	1501.7	1.52
800.	9.316	35.321	0.75	9.224	27.336	1.263	1501.3	1.63
850.	8.433	35.250	0.76	8.340	27.423	1.306	1498.8	2.55
900.	7.818	35.190	0.84	7.724	27.470	1.346	1497.2	1.94
950.	6.974	35.070	1.12	6.881	27.498	1.384	1494.6	1.73
1000.	6.914	35.084	1.11	6.816	27.517	1.421	1495.2	1.16
1100.	6.429	35.027	1.27	6.324	27.538	1.494	1494.8	1.03
1200.	6.235	35.015	1.30	6.122	27.554	1.566	1495.7	0.84
1300.	5.834	34.976	1.43	5.714	27.575	1.637	1495.7	1.04
1400.	5.831	35.015	1.43	5.701	27.607	1.705	1497.4	1.03
1500.	5.303	34.989	1.54	5.168	27.652	1.771	1496.9	1.42
1600.	4.388	34.908	2.01	4.254	27.693	1.831	1494.7	1.56
1700.	4.038	34.883	2.19	3.899	27.710	1.887	1494.8	1.02
1800.	3.438	34.840	2.52	3.298	27.738	1.941	1493.9	1.32
1900.	2.871	34.807	2.86	2.729	27.764	1.989	1493.1	1.32

(Lv)

DISCOVERY 102 STATION 10085

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.684	35.567	4.55	26.684	23.264	0.005	1539.3	-9.99
10.	26.687	35.563	4.54	26.685	23.260	0.046	1539.5	-1.00
20.	26.691	35.568	4.50	26.686	23.262	0.093	1539.7	0.94
30.	26.682	35.568	4.52	26.675	23.265	0.139	1539.8	0.95
40.	26.681	35.567	4.52	26.671	23.265	0.185	1540.0	0.54
50.	26.009	35.527	4.39	25.998	23.446	0.231	1538.6	7.59
60.	23.744	35.491	3.51	23.732	24.106	0.272	1533.4	14.46
70.	21.512	35.465	2.70	21.499	24.723	0.308	1527.8	14.00
80.	19.318	35.356	2.63	19.304	25.228	0.338	1522.0	12.65
90.	18.723	35.317	2.78	18.707	25.350	0.365	1520.4	6.23
100.	18.080	35.284	2.73	18.063	25.486	0.392	1518.7	6.58
125.	17.286	35.347	2.15	17.265	25.728	0.453	1516.9	5.56
150.	15.832	35.380	1.17	15.809	26.094	0.507	1512.9	6.84
175.	14.869	35.435	1.02	14.842	26.353	0.553	1510.4	5.75
200.	13.555	35.320	1.38	13.527	26.544	0.594	1506.4	4.99
250.	12.654	35.346	1.22	12.620	26.747	0.667	1504.2	3.62
300.	12.089	35.384	1.07	12.049	26.888	0.732	1503.1	3.03
350.	11.078	35.222	1.57	11.034	26.952	0.793	1500.2	2.12
400.	11.026	35.254	1.40	10.977	26.986	0.852	1500.9	1.50
450.	10.470	35.193	1.39	10.415	27.039	0.910	1499.7	1.93
500.	10.472	35.222	1.33	10.411	27.061	0.967	1500.5	1.20
550.	10.051	35.208	1.27	9.986	27.124	1.021	1499.8	2.09
600.	10.045	35.248	1.11	9.974	27.156	1.074	1500.6	1.45
650.	9.969	35.303	0.90	9.891	27.212	1.126	1501.3	1.91
700.	9.702	35.297	0.83	9.620	27.253	1.176	1501.1	1.70
750.	9.979	35.414	0.66	9.889	27.297	1.224	1503.1	1.60

DISCOVERY 102 STATION 10086

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.767	35.604	4.45	26.767	23.265	0.005	1539.6	-9.99
10.	26.780	35.607	4.41	26.778	23.263	0.046	1539.7	-0.57
20.	26.791	35.607	4.39	26.786	23.260	0.093	1539.9	-0.77
30.	26.781	35.606	4.41	26.774	23.263	0.139	1540.1	0.94
40.	26.757	35.606	4.37	26.748	23.269	0.185	1540.2	1.56
50.	26.667	35.607	4.34	26.656	23.300	0.231	1540.2	3.11
60.	24.117	35.554	3.24	24.104	24.043	0.276	1534.3	15.35
70.	21.550	35.461	2.73	21.536	24.706	0.314	1527.9	14.54
80.	18.847	35.322	2.50	18.833	25.323	0.342	1520.6	13.95
90.	18.064	35.308	2.40	18.049	25.508	0.368	1518.5	7.68
100.	17.601	35.379	1.88	17.584	25.676	0.393	1517.4	7.29
125.	15.832	35.337	1.44	15.812	26.062	0.445	1512.4	7.01
150.	14.881	35.331	1.40	14.858	26.270	0.492	1509.9	5.16
175.	14.336	35.431	0.92	14.310	26.465	0.535	1508.6	5.00
200.	13.709	35.393	0.98	13.681	26.569	0.574	1507.0	3.66
250.	13.102	35.405	0.98	13.067	26.703	0.647	1505.8	2.95
300.	12.527	35.385	1.08	12.486	26.803	0.717	1504.6	2.57
350.	11.949	35.375	1.00	11.903	26.908	0.781	1503.5	2.64
400.	11.169	35.282	1.22	11.118	26.982	0.842	1501.4	2.26
450.	11.269	35.389	0.95	11.212	27.046	0.900	1502.7	2.01
500.	10.288	35.216	1.24	10.227	27.089	0.955	1499.8	1.83
550.	10.750	35.366	0.93	10.682	27.124	1.010	1502.5	1.40
600.	10.198	35.296	0.98	10.126	27.167	1.063	1501.3	1.80
650.	10.520	35.422	0.67	10.440	27.208	1.114	1503.4	1.54
700.	10.431	35.450	0.59	10.345	27.246	1.164	1503.9	1.58
750.	10.177	35.446	0.60	10.086	27.287	1.213	1503.8	1.71
800.	9.591	35.371	0.62	9.498	27.329	1.260	1502.4	1.82
850.	9.117	35.290	0.69	9.020	27.345	1.306	1501.4	1.24
900.	8.850	35.292	0.67	8.749	27.390	1.351	1501.2	1.79

DISCOVERY 102 STATION 10087

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.351	35.240	4.63	26.350	23.122	0.005	1538.2	-9.99
10.	26.360	35.291	4.62	26.358	23.158	0.047	1538.5	3.57
20.	26.357	35.291	4.55	26.353	23.160	0.095	1538.6	0.54
30.	26.349	35.292	4.52	26.342	23.163	0.142	1538.8	1.10
40.	26.339	35.292	4.54	26.330	23.165	0.189	1538.9	1.10
50.	26.326	35.293	4.50	26.314	23.170	0.237	1539.0	1.34
60.	26.252	35.308	4.47	26.238	23.205	0.284	1539.1	3.34
70.	25.525	35.452	4.12	25.509	23.540	0.330	1537.7	10.30
80.	22.123	35.504	2.87	22.107	24.583	0.369	1529.6	18.18
90.	20.164	35.402	2.48	20.147	25.042	0.400	1524.5	12.06
100.	18.875	35.348	2.53	18.857	25.335	0.429	1521.0	9.66
125.	17.648	35.338	2.25	17.626	25.634	0.493	1517.9	6.17
150.	15.427	35.363	1.32	15.404	26.173	0.547	1511.6	8.30
175.	14.420	35.283	1.57	14.394	26.333	0.593	1508.7	4.54
200.	13.232	35.238	1.93	13.204	26.547	0.634	1505.2	5.25
250.	12.633	35.290	1.58	12.599	26.708	0.707	1504.1	3.23
300.	12.054	35.279	1.54	12.014	26.813	0.775	1502.9	2.63
350.	11.876	35.363	1.10	11.831	26.912	0.839	1503.2	2.53
400.	11.193	35.286	1.31	11.143	26.980	0.899	1501.5	2.17
450.	10.989	35.306	1.15	10.933	27.034	0.958	1501.7	1.88
500.	10.595	35.258	1.26	10.534	27.068	1.014	1501.0	1.55
550.	10.017	35.163	1.34	9.952	27.095	1.070	1499.6	1.48
600.	10.031	35.229	1.25	9.960	27.144	1.123	1500.6	1.76
650.	10.475	35.382	0.80	10.395	27.185	1.176	1503.2	1.53
700.	9.880	35.315	0.85	9.797	27.236	1.227	1501.8	1.96
750.	9.566	35.309	0.76	9.478	27.285	1.276	1501.4	1.87
800.	9.454	35.333	0.74	9.362	27.323	1.323	1501.9	1.59
850.	8.936	35.290	0.72	8.840	27.374	1.368	1500.7	1.97
900.	8.412	35.215	0.82	8.314	27.399	1.412	1499.5	1.48
950.	8.379	35.251	0.78	8.276	27.432	1.454	1500.2	1.48
1000.	7.886	35.193	0.87	7.780	27.462	1.495	1499.1	1.63
1100.	7.295	35.148	0.96	7.182	27.514	1.574	1498.4	1.47
1200.	6.668	35.094	1.11	6.551	27.559	1.647	1497.5	1.40
1300.	6.091	35.058	1.24	5.968	27.607	1.717	1496.8	1.45
1400.	5.185	34.948	1.69	5.061	27.634	1.782	1494.7	1.34
1500.	4.708	34.926	1.83	4.580	27.671	1.844	1494.4	1.32
1600.	4.164	34.890	2.05	4.033	27.703	1.902	1493.7	1.30
1700.	3.832	34.876	2.16	3.696	27.726	1.956	1494.0	1.11
1800.	3.612	34.867	2.22	3.469	27.741	2.008	1494.7	0.91
1900.	3.213	34.831	2.51	3.066	27.752	2.059	1494.6	0.99
2000.	2.951	34.813	2.73	2.799	27.762	2.107	1495.2	0.89

DISCOVERY 102 STATION 10088

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.473	35.309	4.57	26.473	23.136	0.005	1538.6	-9.99
10.	26.476	35.310	4.54	26.474	23.136	0.047	1538.7	0.57
20.	26.483	35.310	4.50	26.479	23.134	0.095	1538.9	-0.78
30.	26.489	35.311	4.52	26.482	23.133	0.143	1539.1	-0.54
40.	26.488	35.311	4.52	26.479	23.133	0.190	1539.3	0.77
50.	26.491	35.311	4.52	26.480	23.132	0.238	1539.4	0.0
60.	26.491	35.312	4.50	26.478	23.133	0.286	1539.6	0.54
70.	26.483	35.314	4.53	26.467	23.137	0.333	1539.7	1.22
80.	26.275	35.352	4.51	26.257	23.231	0.381	1539.5	5.46
90.	25.108	35.538	3.86	25.088	23.733	0.425	1537.2	12.61
100.	22.869	35.575	2.90	22.848	24.424	0.464	1531.9	14.81
125.	17.958	35.389	1.86	17.937	25.596	0.539	1518.9	12.21
150.	14.856	35.250	1.75	14.833	26.213	0.591	1509.7	8.88
175.	14.590	35.240	1.78	14.564	26.263	0.637	1509.2	2.57
200.	13.382	35.298	1.43	13.354	26.563	0.679	1505.8	6.20
250.	11.875	35.146	2.22	11.843	26.744	0.751	1501.3	3.45
300.	11.369	35.121	2.09	11.331	26.820	0.818	1500.3	2.25
350.	10.502	35.023	2.39	10.460	26.901	0.882	1497.9	2.35
400.	10.493	35.048	2.46	10.445	26.922	0.944	1498.7	1.18
450.	10.816	35.208	1.54	10.761	26.989	1.004	1500.9	2.04
500.	10.732	35.266	1.34	10.671	27.049	1.062	1501.5	1.97
550.	10.560	35.280	1.19	10.492	27.090	1.118	1501.7	1.66
600.	10.102	35.207	1.21	10.030	27.114	1.173	1500.8	1.40
650.	10.268	35.321	0.96	10.190	27.174	1.227	1502.4	1.92
700.	9.602	35.243	0.91	9.521	27.227	1.278	1500.7	2.00
750.	9.882	35.343	0.78	9.792	27.258	1.327	1502.6	1.31
800.	9.573	35.329	0.75	9.479	27.300	1.376	1502.3	1.74
850.	9.091	35.302	0.69	8.994	27.358	1.422	1501.3	2.06
900.	8.415	35.196	0.71	8.317	27.383	1.466	1499.5	1.58
950.	8.182	35.182	0.76	8.080	27.409	1.510	1499.4	1.39
1000.	8.144	35.265	0.75	8.036	27.479	1.551	1500.2	2.13
1100.	7.232	35.136	0.96	7.121	27.513	1.629	1498.1	1.34
1200.	6.847	35.105	1.09	6.728	27.543	1.704	1498.2	1.15
1300.	6.418	35.093	1.12	6.293	27.591	1.776	1498.2	1.41
1400.	5.637	35.005	1.36	5.509	27.623	1.844	1496.6	1.36
1500.	4.948	34.936	1.71	4.817	27.651	1.908	1495.3	1.30
1600.	4.316	34.887	2.06	4.183	27.684	1.968	1494.3	1.35
1700.	3.959	34.864	2.26	3.821	27.704	2.024	1494.5	1.07
1800.	3.518	34.840	2.45	3.376	27.730	2.079	1494.3	1.21
1900.	3.241	34.832	2.55	3.094	27.750	2.130	1494.7	1.04
2000.	2.996	34.811	2.78	2.844	27.756	2.179	1495.3	0.78

(Lix)

DISCOVERY 102 STATION 10089

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.622	35.338	4.56	26.622	23.111	0.005	1538.9	-9.99
10.	26.626	35.341	4.48	26.624	23.112	0.048	1539.1	0.82
20.	26.625	35.341	4.54	26.621	23.112	0.095	1539.3	0.54
30.	26.629	35.341	4.46	26.622	23.111	0.143	1539.4	0.0
40.	26.632	35.342	4.46	26.623	23.110	0.191	1539.6	0.0
50.	26.635	35.341	4.65	26.624	23.109	0.239	1539.8	0.0
60.	26.636	35.342	4.54	26.622	23.109	0.287	1540.0	0.54
70.	26.634	35.342	4.48	26.618	23.110	0.335	1540.1	0.77
80.	26.602	35.345	4.59	26.584	23.122	0.383	1540.2	1.98
90.	25.092	35.428	3.94	25.072	23.654	0.428	1537.0	12.98
100.	24.444	35.626	3.57	24.423	24.001	0.470	1535.9	10.47
125.	19.570	35.428	1.99	19.547	25.218	0.550	1523.5	12.44
150.	16.799	35.381	1.52	16.775	25.870	0.613	1515.8	9.12
175.	14.681	35.259	1.79	14.655	26.258	0.662	1509.5	7.06
200.	13.583	35.280	1.79	13.555	26.507	0.704	1506.4	5.66
250.	12.048	35.204	1.96	12.015	26.755	0.777	1502.0	4.01
300.	10.802	35.019	2.63	10.765	26.844	0.843	1498.2	2.47
350.	10.672	35.022	2.58	10.629	26.870	0.906	1498.5	1.32
400.	10.673	35.079	2.26	10.625	26.914	0.969	1499.4	1.68
450.	10.858	35.200	1.62	10.802	26.975	1.030	1501.1	1.95
500.	10.610	35.195	1.50	10.548	27.015	1.089	1501.0	1.67
550.	10.351	35.188	1.46	10.285	27.056	1.147	1500.9	1.70
600.	10.099	35.162	1.41	10.028	27.080	1.203	1500.7	1.30
650.	10.123	35.232	1.19	10.045	27.130	1.259	1501.7	1.79
700.	9.919	35.259	0.99	9.836	27.186	1.312	1501.8	1.95
750.	9.953	35.334	0.85	9.863	27.239	1.363	1502.9	1.84
800.	9.629	35.315	0.79	9.535	27.280	1.413	1502.5	1.73
850.	9.321	35.294	0.72	9.223	27.314	1.460	1502.1	1.60
900.	8.703	35.216	0.69	8.603	27.353	1.507	1500.6	1.81
950.	8.250	35.170	0.74	8.147	27.389	1.551	1499.6	1.69
1000.	8.276	35.246	0.76	8.167	27.444	1.594	1500.6	1.87
1100.	7.730	35.195	0.81	7.615	27.487	1.675	1500.1	1.35
1200.	6.949	35.123	1.00	6.829	27.543	1.753	1498.7	1.56
1300.	6.175	35.049	1.19	6.052	27.589	1.824	1497.2	1.49
1400.	5.524	34.975	1.51	5.397	27.613	1.892	1496.1	1.21
1500.	4.822	34.922	1.78	4.693	27.655	1.956	1494.8	1.45
1600.	4.327	34.884	2.11	4.194	27.680	2.015	1494.4	1.20
1700.	3.995	34.867	2.26	3.857	27.702	2.073	1494.6	1.08
1800.	3.619	34.844	2.47	3.477	27.723	2.127	1494.7	1.09
1900.	3.426	34.851	2.49	3.277	27.747	2.179	1495.6	1.05
2000.	3.092	34.827	2.60	2.938	27.760	2.229	1495.8	0.98

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DISCOVERY 102 STATION 10090

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.825	35.434	4.56	26.824	23.119	0.005	1539.5	-9.99
10.	26.826	35.434	4.46	26.824	23.118	0.048	1539.7	0.0
20.	26.830	35.434	4.43	26.825	23.117	0.095	1539.8	0.0
30.	26.830	35.434	4.47	26.823	23.117	0.143	1540.0	0.54
40.	26.832	35.434	4.52	26.823	23.116	0.191	1540.2	0.0
50.	26.836	35.434	4.44	26.825	23.115	0.239	1540.3	0.0
60.	26.837	35.434	4.46	26.823	23.115	0.286	1540.5	0.56
70.	26.839	35.434	4.43	26.823	23.114	0.334	1540.7	0.0
80.	26.689	35.429	4.38	26.670	23.159	0.382	1540.5	3.77
90.	26.398	35.424	4.36	26.378	23.246	0.429	1540.0	5.30
100.	25.698	35.379	4.30	25.676	23.431	0.475	1538.5	7.66
125.	24.806	35.533	3.84	24.779	23.821	0.583	1537.0	7.04
150.	20.164	35.483	1.80	20.136	25.103	0.669	1525.6	12.77
175.	17.953	35.346	1.76	17.923	25.565	0.737	1519.6	7.69
200.	15.800	35.316	1.58	15.769	26.053	0.793	1513.5	7.90
250.	13.113	35.162	2.29	13.079	26.512	0.880	1505.5	5.46
300.	12.191	35.172	2.06	12.151	26.703	0.956	1503.2	3.53
350.	11.058	35.046	2.57	11.014	26.819	1.024	1499.9	2.80
400.	10.820	35.054	2.55	10.771	26.868	1.089	1499.9	1.82
450.	11.160	35.218	1.73	11.103	26.934	1.152	1502.1	2.01
500.	10.845	35.220	1.52	10.783	26.992	1.213	1501.8	1.99
550.	10.787	35.284	1.42	10.718	27.053	1.271	1502.5	1.97
600.	10.581	35.320	1.04	10.507	27.118	1.327	1502.7	2.07
650.	10.247	35.297	1.05	10.168	27.160	1.381	1502.3	1.72
700.	9.889	35.273	0.95	9.806	27.202	1.433	1501.7	1.75
750.	9.409	35.225	0.74	9.322	27.246	1.483	1500.7	1.81
800.	9.405	35.268	0.69	9.313	27.280	1.532	1501.6	1.49
850.	8.717	35.170	0.69	8.623	27.316	1.580	1499.7	1.75
900.	8.660	35.213	0.66	8.560	27.358	1.625	1500.4	1.66
950.	8.375	35.200	0.69	8.271	27.393	1.670	1500.1	1.61
1000.	8.070	35.183	0.75	7.963	27.427	1.713	1499.8	1.62
1100.	7.336	35.116	0.91	7.223	27.482	1.794	1498.5	1.54
1200.	6.724	35.080	1.06	6.606	27.540	1.871	1497.7	1.54
1300.	5.950	35.002	1.32	5.829	27.582	1.943	1496.2	1.44
1400.	5.396	34.961	1.57	5.270	27.618	2.010	1495.6	1.33
1500.	4.808	34.922	1.81	4.679	27.656	2.073	1494.8	1.37
1600.	4.406	34.896	1.97	4.272	27.681	2.133	1494.7	1.14
1700.	3.974	34.873	2.19	3.836	27.709	2.190	1494.6	1.21
1800.	3.570	34.845	2.39	3.428	27.729	2.244	1494.5	1.11
1900.	3.198	34.824	2.59	3.052	27.748	2.295	1494.6	1.09
2000.	2.904	34.810	2.77	2.753	27.764	2.344	1494.9	0.99

(Lx1)

DISCOVERY 102 STATION 10091

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.673	35.373	4.67	26.672	23.121	0.005	1539.1	-9.99
10.	26.669	35.372	4.58	26.667	23.121	0.048	1539.2	0.57
20.	26.676	35.370	4.46	26.672	23.118	0.095	1539.4	-0.77
30.	26.678	35.369	4.61	26.671	23.117	0.143	1539.6	-0.54
40.	26.682	35.368	4.63	26.673	23.115	0.191	1539.8	-0.78
50.	26.686	35.368	4.62	26.675	23.113	0.239	1539.9	-0.54
60.	26.688	35.368	4.57	26.674	23.112	0.286	1540.1	0.0
70.	26.676	35.367	4.58	26.660	23.116	0.334	1540.2	1.11
80.	26.681	35.367	4.56	26.663	23.114	0.382	1540.4	-0.58
90.	26.604	35.366	4.54	26.583	23.138	0.430	1540.4	2.80
100.	25.465	35.334	4.32	25.443	23.469	0.477	1537.9	10.25
125.	24.961	35.503	3.92	24.934	23.751	0.586	1537.4	5.99
150.	21.945	35.536	2.64	21.915	24.658	0.678	1530.4	10.74
175.	19.066	35.381	2.12	19.034	25.312	0.753	1522.8	9.14
200.	15.711	35.274	1.92	15.680	26.041	0.812	1513.2	9.67
250.	13.969	35.293	1.58	13.933	26.436	0.903	1508.5	5.05
300.	12.883	35.297	1.43	12.842	26.663	0.981	1505.7	3.84
350.	12.307	35.294	1.45	12.260	26.775	1.051	1504.6	2.72
400.	11.335	35.174	1.56	11.284	26.867	1.117	1501.9	2.51
450.	10.884	35.170	1.48	10.829	26.947	1.179	1501.1	2.31
500.	10.632	35.180	1.30	10.571	27.000	1.239	1501.0	1.88
550.	10.360	35.188	1.17	10.294	27.054	1.297	1500.9	1.93
600.	10.169	35.202	0.95	10.097	27.099	1.353	1501.0	1.74
650.	9.935	35.212	0.86	9.858	27.147	1.408	1501.0	1.82
700.	9.695	35.217	0.76	9.613	27.192	1.460	1501.0	1.76
750.	9.387	35.204	0.72	9.301	27.233	1.511	1500.6	1.73
800.	9.058	35.199	0.72	8.968	27.284	1.560	1500.2	1.89
850.	8.923	35.208	0.72	8.827	27.312	1.607	1500.6	1.42
900.	8.680	35.206	0.73	8.581	27.349	1.653	1500.5	1.64
950.	8.308	35.174	0.77	8.205	27.383	1.698	1499.8	1.62
1000.	7.903	35.138	0.82	7.798	27.416	1.741	1499.1	1.65
1100.	8.044	35.245	0.77	7.925	27.479	1.825	1501.4	1.38
1200.	7.106	35.135	0.98	6.984	27.530	1.903	1499.3	1.56
1300.	6.527	35.100	1.11	6.400	27.583	1.976	1498.6	1.50
1400.	5.854	35.037	1.30	5.724	27.621	2.045	1497.5	1.38
1500.	5.097	34.959	1.62	4.965	27.653	2.110	1496.0	1.37
1600.	4.577	34.925	1.86	4.441	27.685	2.171	1495.5	1.30
1700.	4.002	34.879	2.10	3.863	27.711	2.228	1494.7	1.26
1800.	3.586	34.852	2.36	3.443	27.732	2.281	1494.6	1.13
1900.	3.231	34.832	2.54	3.084	27.751	2.333	1494.7	1.08
2000.	2.955	34.811	2.75	2.803	27.760	2.381	1495.2	0.88

DISCOVERY 102 STATION 10092 *

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.357	35.293	4.46	26.356	23.161	0.005	1538.3	-9.99
10.	26.357	35.297	4.40	26.355	23.164	0.047	1538.5	1.16
20.	26.358	35.297	4.50	26.353	23.163	0.094	1538.6	0.0
30.	26.358	35.297	4.43	26.351	23.164	0.142	1538.8	0.54
40.	26.357	35.298	4.46	26.348	23.164	0.189	1538.9	0.54
50.	26.351	35.299	4.40	26.340	23.167	0.236	1539.1	1.10
60.	26.346	35.300	4.42	26.332	23.169	0.284	1539.3	0.95
70.	26.316	35.306	4.37	26.301	23.183	0.331	1539.4	2.13
80.	26.237	35.319	4.39	26.219	23.218	0.378	1539.4	3.38
90.	26.154	35.335	4.26	26.134	23.256	0.425	1539.4	3.47
100.	25.889	35.386	4.18	25.866	23.377	0.471	1539.0	6.21
125.	24.722	35.634	3.61	24.695	23.923	0.579	1536.9	8.33
150.	21.366	35.480	2.36	21.337	24.776	0.669	1528.8	10.42
175.	18.549	35.413	1.60	18.518	25.468	0.742	1521.4	9.40
200.	16.313	35.370	1.42	16.281	25.976	0.799	1515.2	8.07
250.	14.499	35.442	0.80	14.462	26.438	0.893	1510.4	5.45
300.	12.996	35.366	1.06	12.954	26.694	0.969	1506.2	4.09
350.	12.182	35.337	1.11	12.135	26.833	1.039	1504.2	3.03
400.	11.728	35.387	1.01	11.676	26.959	1.102	1503.5	2.86
450.	11.223	35.356	1.00	11.166	27.029	1.161	1502.5	2.19
500.	10.713	35.288	1.09	10.651	27.070	1.217	1501.5	1.72
550.	10.217	35.235	1.13	10.151	27.116	1.272	1500.4	1.83
600.	9.953	35.213	1.13	9.882	27.145	1.326	1500.3	1.46
650.	10.110	35.293	0.97	10.033	27.180	1.379	1501.8	1.47
700.	10.143	35.350	0.77	10.059	27.218	1.430	1502.8	1.56
750.	9.895	35.360	0.69	9.806	27.270	1.480	1502.7	1.88
800.	9.828	35.374	0.66	9.733	27.292	1.529	1503.3	1.23
850.	9.446	35.335	0.64	9.347	27.326	1.576	1502.7	1.62
900.	9.289	35.324	0.63	9.185	27.344	1.623	1502.9	1.18
950.	9.011	35.323	0.66	8.903	27.388	1.668	1502.7	1.80
1000.	9.064	35.378	0.58	8.949	27.422	1.712	1503.8	1.44
1100.	7.949	35.200	0.77	7.831	27.458	1.797	1501.0	1.41
1200.	7.810	35.245	0.79	7.683	27.514	1.878	1502.1	1.39
1300.	6.953	35.151	0.97	6.822	27.565	1.955	1500.4	1.55
1400.	6.245	35.074	1.15	6.110	27.600	2.027	1499.1	1.37
1500.	5.626	35.045	1.29	5.487	27.656	2.094	1498.2	1.57
1600.	4.642	34.920	1.77	4.505	27.674	2.156	1495.7	1.33
1700.	4.411	34.930	1.81	4.267	27.707	2.215	1496.4	1.17
1800.	3.758	34.868	2.17	3.613	27.728	2.270	1495.3	1.27
1900.	3.323	34.832	2.47	3.175	27.742	2.322	1495.1	1.05
2000.	2.922	34.809	2.67	2.771	27.762	2.371	1495.0	1.14

DISCOVERY 102 STATION 10093

P-DB	T-DEGC	S-0/00	OX-ML/L	POTEMP	SIGMAT	DYNHT-M	SNDV-M/S	BVFR-C/H
1.	26.037	35.340	4.37	26.037	23.297	0.005	1537.6	-9.99
10.	26.041	35.340	4.27	26.039	23.296	0.046	1537.8	-0.57
20.	26.037	35.342	4.25	26.033	23.298	0.092	1537.9	0.95
30.	26.022	35.346	4.19	26.015	23.306	0.138	1538.1	1.64
40.	25.925	35.369	4.18	25.916	23.354	0.184	1538.0	3.92
50.	25.796	35.396	4.04	25.785	23.413	0.229	1537.9	4.39
60.	25.519	35.437	3.93	25.506	23.530	0.273	1537.5	6.09
70.	25.185	35.470	3.79	25.170	23.658	0.317	1536.9	6.36
80.	24.473	35.523	3.51	24.455	23.914	0.358	1535.5	9.01
90.	24.064	35.535	3.39	24.045	24.045	0.398	1534.7	6.48
100.	23.711	35.545	3.24	23.690	24.157	0.436	1534.0	5.97
125.	21.639	35.521	2.48	21.614	24.731	0.528	1529.1	8.55
150.	18.401	35.380	1.72	18.375	25.480	0.599	1520.5	9.78
175.	16.468	35.296	1.92	16.440	25.883	0.659	1515.2	7.18
200.	14.945	35.443	0.83	14.915	26.342	0.707	1511.0	7.66
250.	13.300	35.334	1.07	13.265	26.607	0.790	1506.4	4.15
300.	12.266	35.306	1.38	12.226	26.793	0.860	1503.7	3.48
350.	11.877	35.351	1.14	11.832	26.903	0.925	1503.2	2.68
400.	11.145	35.265	1.32	11.095	26.973	0.986	1501.3	2.20
450.	10.661	35.244	1.19	10.606	27.045	1.044	1500.4	2.20
500.	11.353	35.473	0.80	11.289	27.096	1.099	1504.0	1.72
550.	10.592	35.322	1.01	10.525	27.117	1.154	1501.9	1.38
600.	10.116	35.269	0.99	10.044	27.160	1.207	1500.9	1.75
650.	10.222	35.343	0.81	10.144	27.199	1.259	1502.2	1.56
700.	9.709	35.257	0.92	9.627	27.220	1.309	1501.1	1.36
750.	10.061	35.378	0.72	9.971	27.255	1.359	1503.3	1.39
800.	9.820	35.391	0.61	9.725	27.306	1.408	1503.3	1.88
850.	9.411	35.357	0.63	9.313	27.349	1.455	1502.6	1.79
900.	8.748	35.243	0.72	8.648	27.368	1.500	1500.8	1.43
950.	8.496	35.229	0.70	8.391	27.397	1.544	1500.6	1.48
1000.	8.174	35.201	0.79	8.066	27.425	1.587	1500.2	1.50
1100.	8.129	35.265	0.72	8.010	27.482	1.670	1501.7	1.36
1200.	7.398	35.179	0.87	7.274	27.523	1.750	1500.5	1.39
1300.	6.546	35.078	1.12	6.419	27.562	1.824	1498.7	1.44
1400.	5.874	35.019	1.33	5.743	27.604	1.895	1497.6	1.42
1500.	5.324	34.978	1.50	5.189	27.640	1.962	1496.9	1.33
1600.	4.606	34.905	1.84	4.469	27.666	2.024	1495.6	1.31
1700.	4.437	34.924	1.80	4.292	27.700	2.083	1496.5	1.15
1800.	4.059	34.903	1.87	3.910	27.724	2.140	1496.6	1.14
1900.	3.419	34.842	2.31	3.270	27.741	2.193	1495.5	1.22
2000.	3.151	34.834	2.45	2.996	27.760	2.244	1496.0	1.03

