Water Property Observations Off the West Coast of Vancouver Island During CODE: May 1979 to September 1980

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1984

Canadian Data Report of Hydrography and Ocean Sciences No. 23 (3)

Fisheries and Oceans Pêches et Océans

Canada

Canadian Data Report Of Hydrography and Ocean Sciences

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Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications is published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 39: Index to Publications 1982. The current series, which begins with report number 1, was initiated in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Les rapports statistiques servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens. En général, les rapports contiennent des données brutes ou analysées, mais ne fournissent pas d'interprétation des données. Ces compilations sont préparées le plus souvent à l'appui de travaux liés aux programmes et intérêts du service des Sciences et levés océaniques (SLO) du ministère des Pêches et des Océans.

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Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés sont fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports en décembre 1981. Une liste complète de ces publications figure dans le volume 39, Index des publications 1982, du *Journal canadien des sciences halieutiques et aquatiques*. La série actuelle a commencé avec la publication du rapport numéro 1 en janvier 1982.

Canadian Data Report of Hydrography and Ocean Sciences No. 23(3)

1984

WATER PROPERTY OBSERVATIONS OFF THE WEST COAST OF VANCOUVER ISLAND DURING CODE: MAY 1979 TO SEPTEMBER 1980

by

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W.R. Crawford
and
W.S. Huggett

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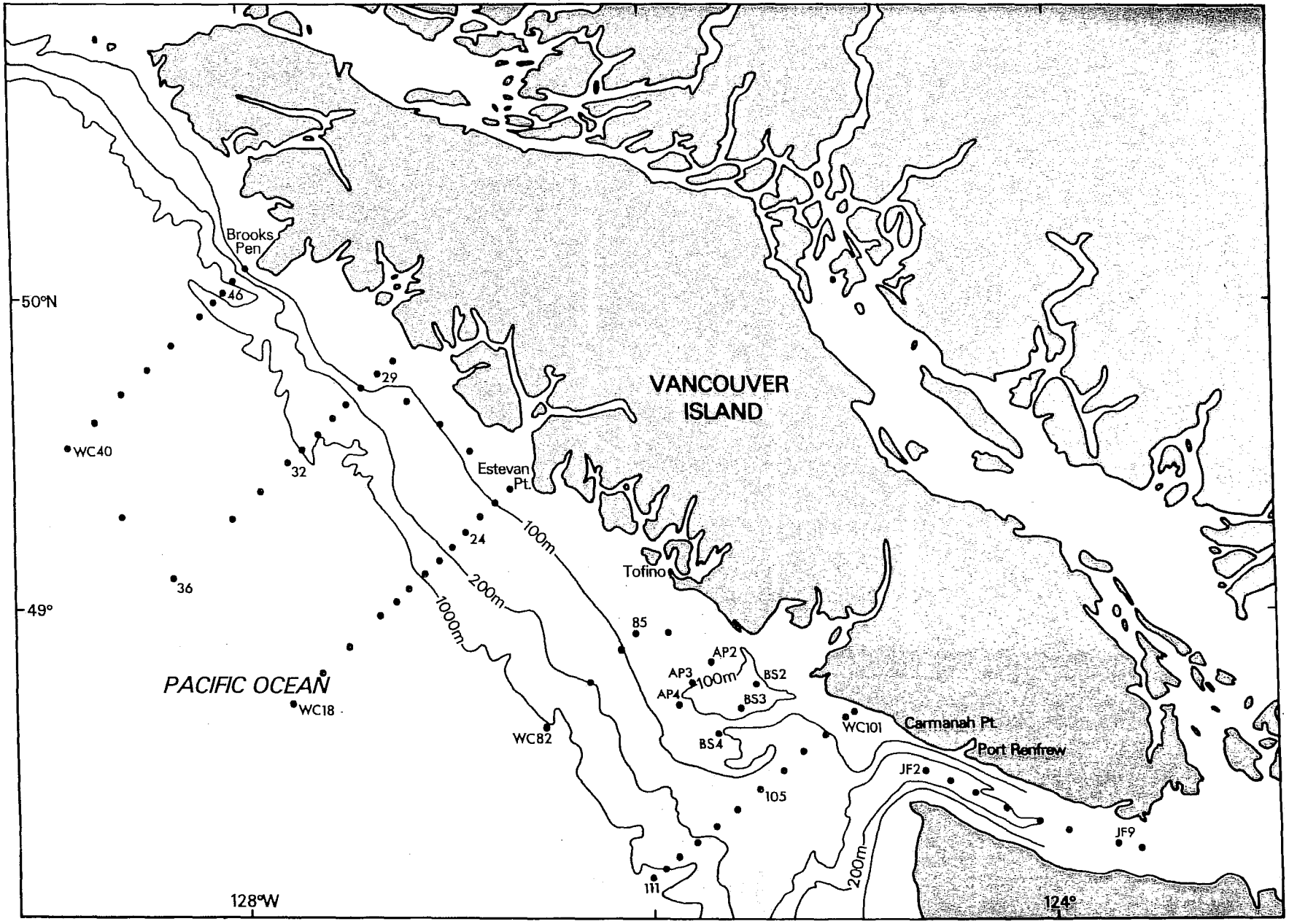
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Cat. No. Fs 97-16/23 ISSN 0711-6721

Correct citation for this publication:

Thomson, R.E., W.R. Crawford and W.S. Huggett. 1984. Water property observations off the west coast of Vancouver Island during CODE: May 1979 to September 1980.
Can. Data Rep. Hydrogr. Ocean Sci. 23: (Vol. 3) 390 p.

CRUISE 80-13
JULY 1980


Brooks Pen
46
50°N
29
VANCOUVER ISLAND
WC40
32
Estevan Pt.
100m
24
Tofino
200m
36
1000m
49°
85
AP2
AP3
100m
BS2
AP4
BS3
PACIFIC OCEAN
WC18
WC101
Carmanah Pt.
WC82
BS4
Port Renfrew
JF2
105
JF9
200m
111
128°W
124°

COASTAL OCEANIC DYNAMICS EXPERIMENT

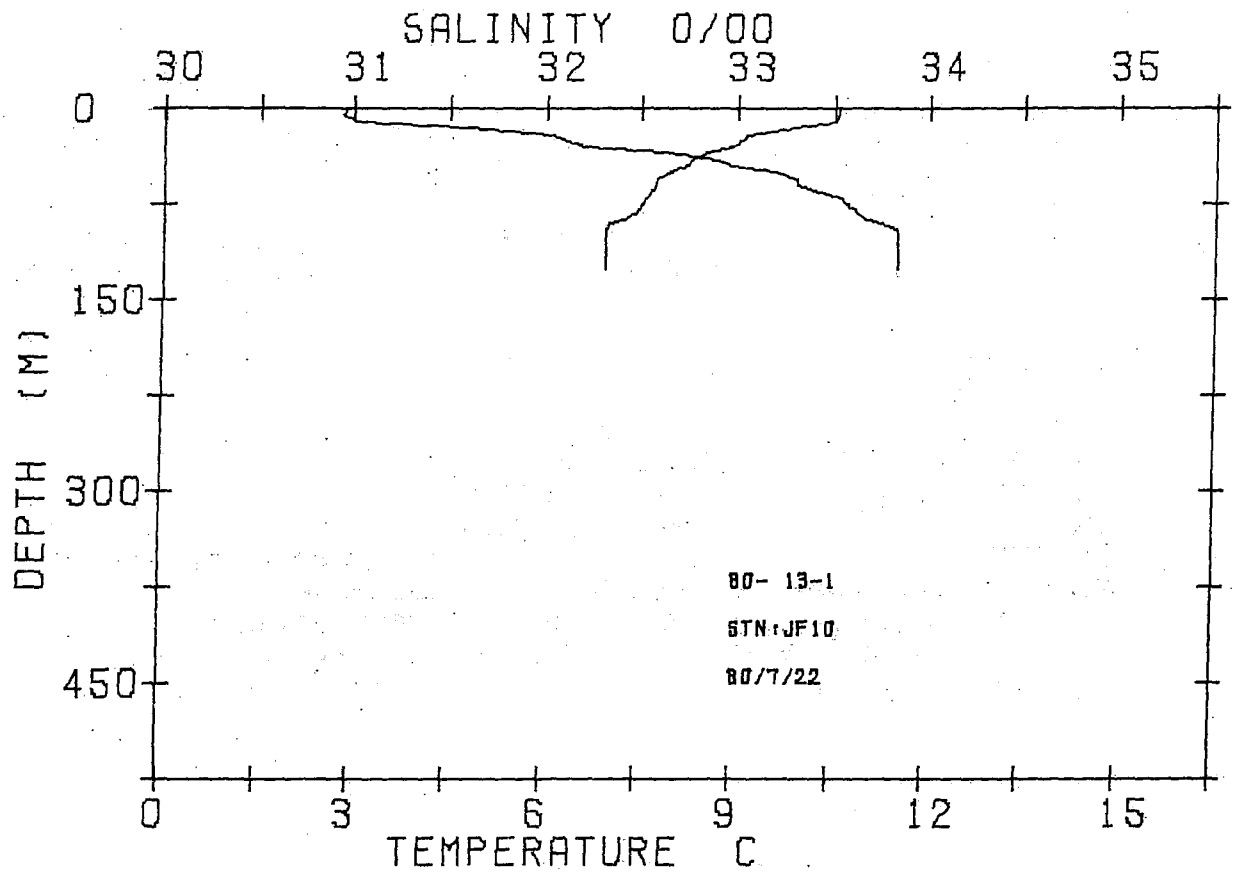
CRUISE 80-13. JULY 22 - JULY 30 , 1980

A. CRUISE SUMMARY :

1. NUMBER OF STATIONS PROCESSED : 69
2. NUMBER OF STATIONS OF DEPTH GREATER THAN 80.0 METRES FOR WHICH THE DEPTH OF WIND MIXED LAYER COULD BE IDENTIFIED : 49

B. PARAMETERS,SYMBOLS,UNITS :

DEPTH : DEPTH : METRES
TEMPERATURE : TEMP : DEGREES CELCIUS
SALINITY : SAL : GRAMS PER KILOGRAM
SIGMA - T : SIG-T : (DIMENSIONLESS)
SPECIFIC VOLUME ANOMALY : SVA : 10EXP(-5)*CM*EXP(3)/GRAM
GEOPOTENTIAL ANOMALY : DELTA-D : JOULES/KGR
POTENTIAL ENERGY : POT.EN : 10EXP(8)ERGS/(CM*CM)
SPEED OF SOUND : SOUND : METRES/SECOND. -WILSON 1960-

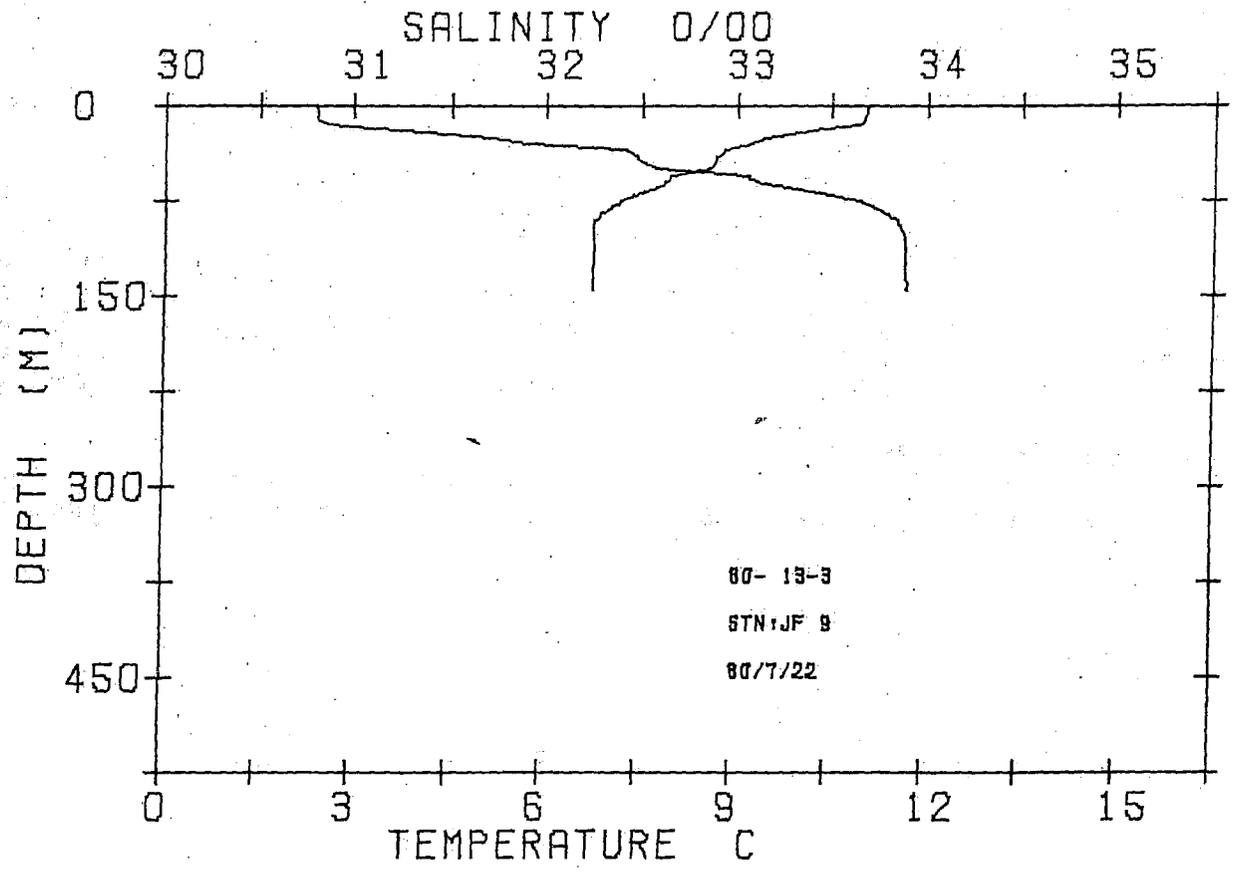

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-1
STN:JF10
80/7/22
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: JF10 CONS #001
LAT N 48 13.5 LONG W 123 35.0
DATE 80/07/22 TIME (PST) 1905

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.55	30.95	23.73	417.6	.00	.00	1487.2
10	10.49	31.01	23.78	412.7	.42	.02	1487.2
20	9.17	32.01	24.78	318.2	.78	.07	1483.8
30	8.92	32.19	24.96	300.9	1.09	.15	1483.3
50	7.92	33.20	25.90	212.3	1.59	.35	1481.1
75	7.50	33.57	26.25	179.4	2.07	.65	1480.4
100	6.93	33.84	26.54	151.9	2.49	1.01	1478.9
125	6.92	33.84	26.54	152.2	2.87	1.44	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
125.5	6.93	33.84	26.54	152.5	2.87	1.45	1479.3

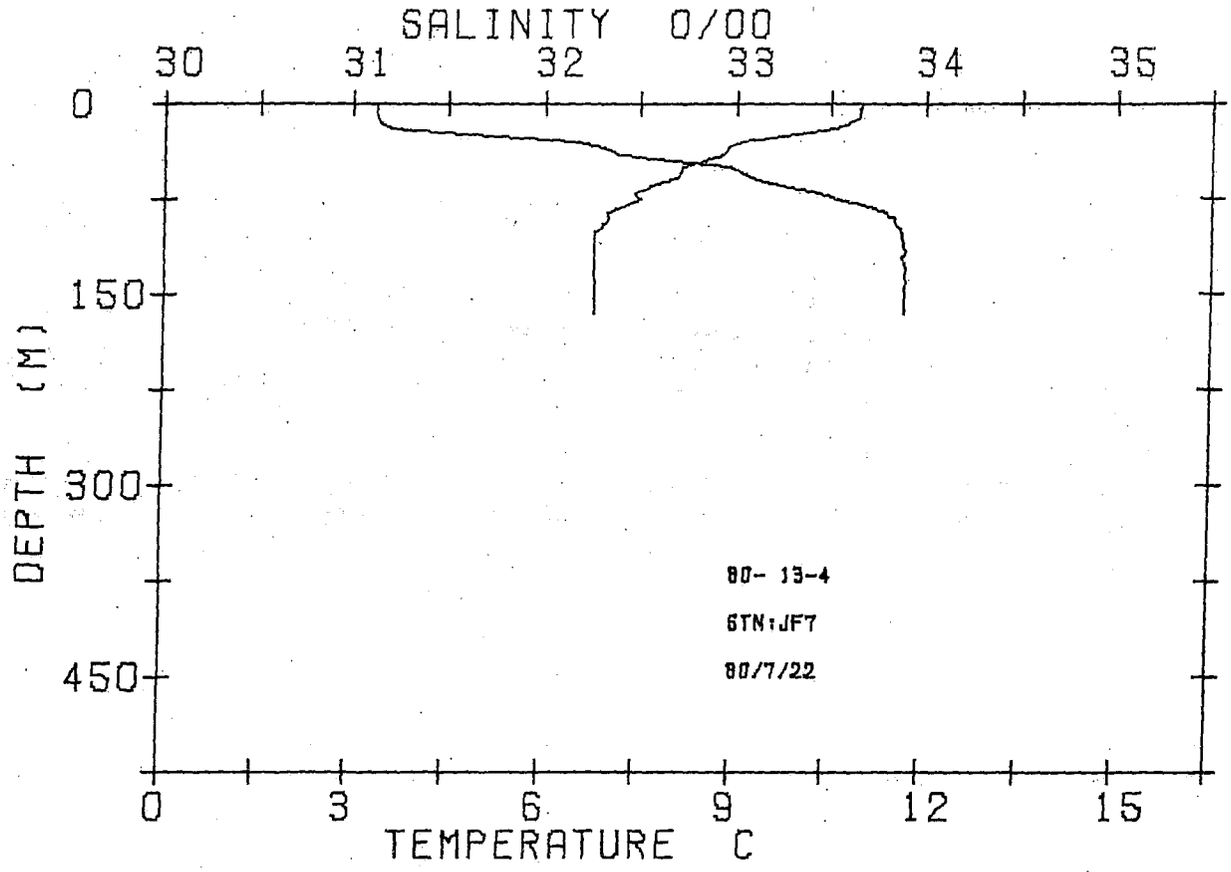

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-3
STN:JF 9
80/7/22
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: JF 9 CONS #003
LAT N 48 14.5 LONG W 123 40.8
DATE 80/07/22 TIME (PST) 2047

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.06	30.80	23.53	437.0	.00	.00	1488.9
10	11.02	30.81	23.54	435.6	.44	.02	1488.9
20	10.18	31.23	24.01	391.4	.86	.08	1486.5
30	9.23	31.91	24.69	326.9	1.21	.17	1484.1
50	8.55	32.58	25.32	266.9	1.78	.40	1482.7
75	7.17	33.65	26.35	169.1	2.30	.72	1479.2
100	6.74	33.88	26.60	146.4	2.68	1.05	1478.2
125	6.77	33.89	26.60	146.2	3.05	1.47	1478.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
145.8	6.75	33.90	26.61	146.0	3.35	1.88	1479.0

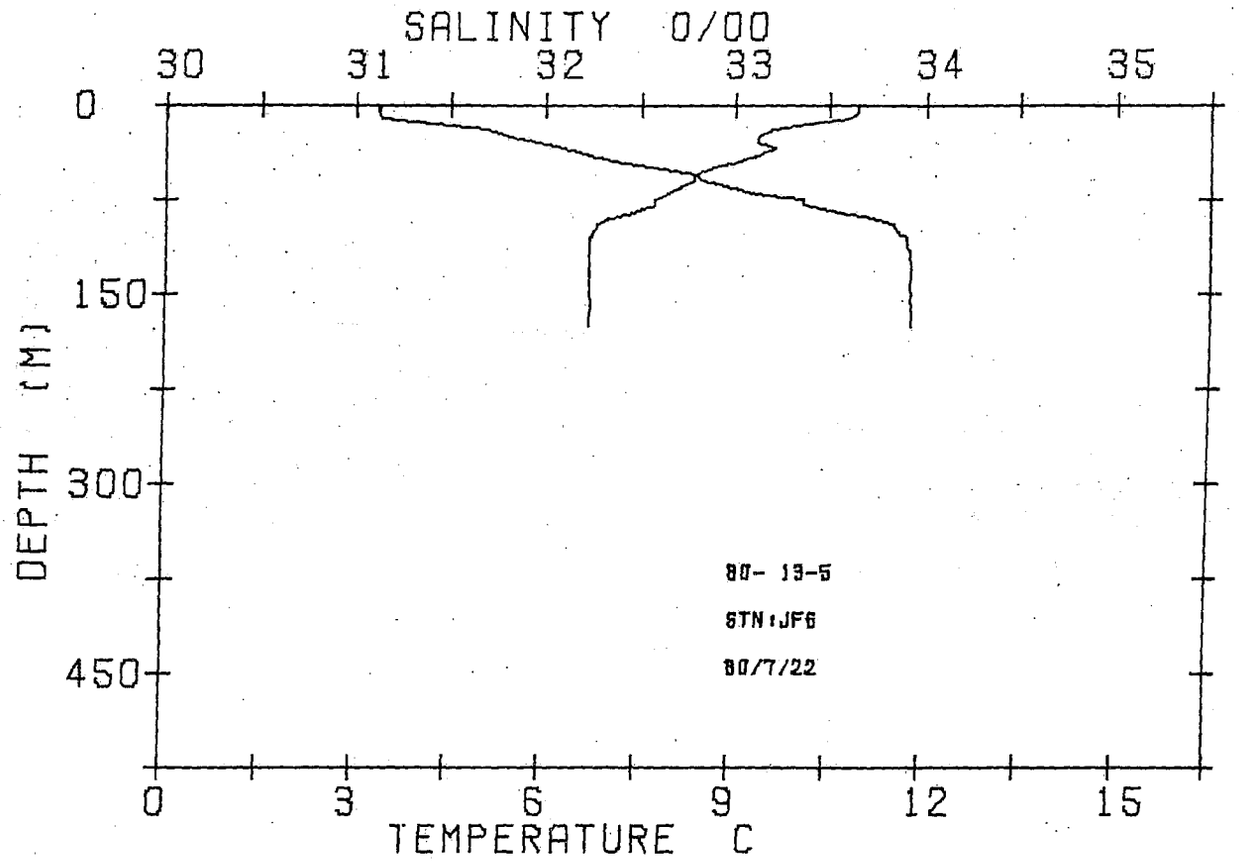

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-4
STN:JF7
80/7/22
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: JF7 CONS #004
LAT N 48 17.0 LONG W 123 57.5
DATE 80/07/22 TIME (PST) 2136

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.97	31.12	23.79	411.9	.00	.00	1489.0
10	10.94	31.13	23.80	411.3	.41	.02	1489.0
20	10.56	31.20	23.92	399.8	.82	.08	1487.9
30	9.13	32.12	24.87	309.2	1.17	.17	1484.0
50	8.15	32.97	25.68	232.7	1.72	.39	1481.7
75	7.51	33.53	26.22	182.0	2.25	.71	1480.3
100	6.81	33.88	26.58	147.5	2.64	1.06	1478.4
125	6.79	33.89	26.59	146.9	3.01	1.47	1478.8
150	6.80	33.89	26.60	147.1	3.38	1.97	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
165.2	6.80	33.89	26.60	147.5	3.60	2.32	1479.5

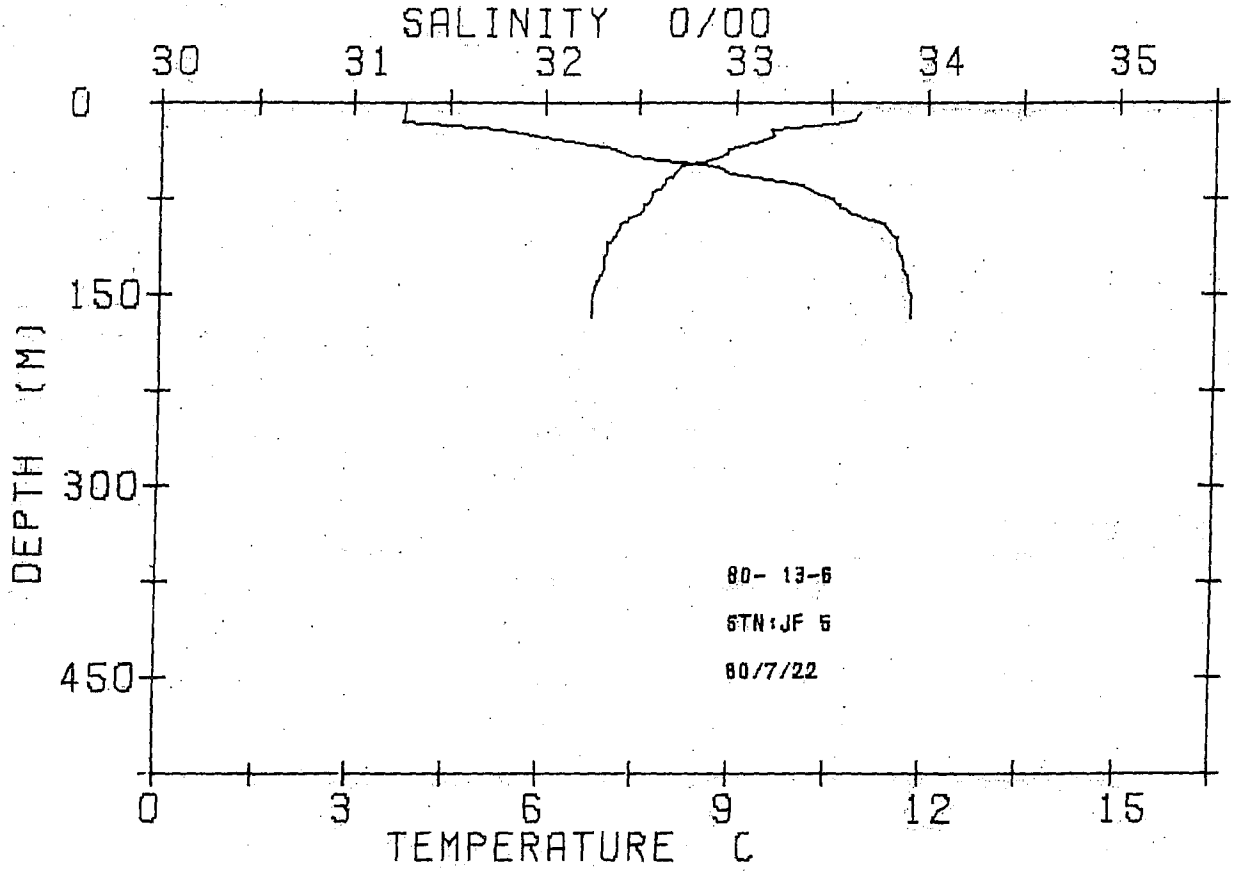

SALINITY 0/00
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31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-5
STN:JF6
80/7/22
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: JF6 CONS #005
LAT N 48 18.8 LONG W 124 05.5
DATE 80/07/22 TIME (PST) 2218

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.92	31.12	23.80	411.0	.00	.00	1488.8
10	10.79	31.13	23.83	408.4	.41	.02	1488.5
20	9.57	31.70	24.47	347.4	.79	.08	1484.9
30	9.35	31.97	24.72	324.1	1.12	.16	1484.6
50	8.66	32.55	25.28	271.3	1.73	.40	1483.1
75	7.72	33.35	26.04	198.8	2.32	.77	1480.9
100	6.74	33.86	26.58	147.9	2.75	1.14	1478.1
125	6.70	33.93	26.64	142.5	3.11	1.54	1478.5
150	6.70	33.93	26.64	143.2	3.47	2.04	1478.9
175	6.70	33.93	26.64	143.6	3.83	2.62	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.1	6.70	33.93	26.64	143.6	3.83	2.62	1479.3

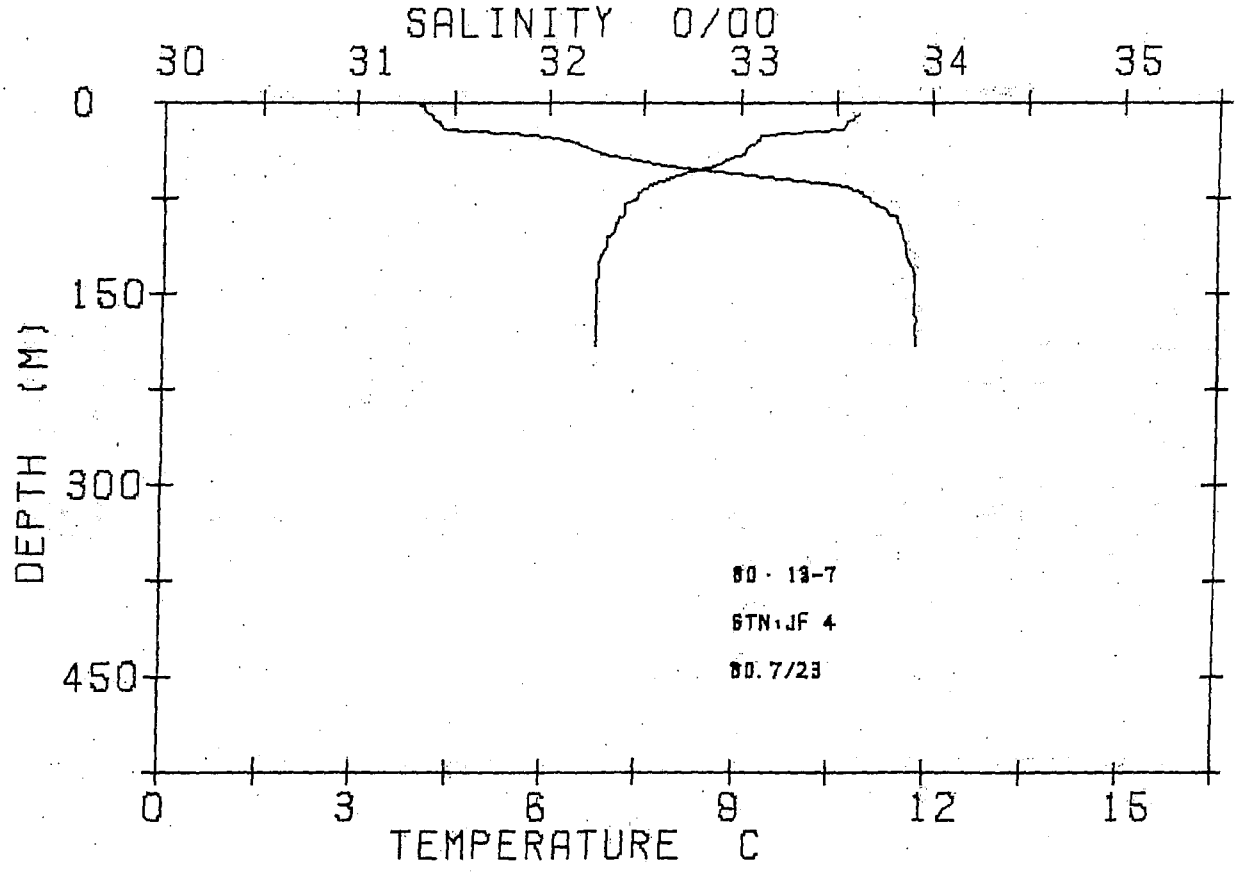

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-6
STN:JF 5
80/7/22
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: JF 5 CONS #006
LAT N 48 21.0 LONG W 124 14.2
DATE 80/07/22 TIME (PST) 2328

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.01	31.26	23.89	402.6	.00	.00	1489.3
10	10.90	31.27	23.91	400.4	.40	.02	1489.1
20	9.61	31.74	24.49	345.1	.79	.08	1485.1
30	9.36	32.12	24.83	313.0	1.12	.16	1484.8
50	8.15	32.90	25.63	237.6	1.67	.38	1481.6
75	7.67	33.51	26.17	186.2	2.20	.70	1480.9
100	7.18	33.81	26.48	157.7	2.63	1.08	1479.8
125	6.96	33.88	26.56	149.8	3.01	1.51	1479.4
150	6.79	33.92	26.62	145.1	3.38	2.02	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
168.5	6.77	33.92	26.63	144.4	3.65	2.44	1479.5

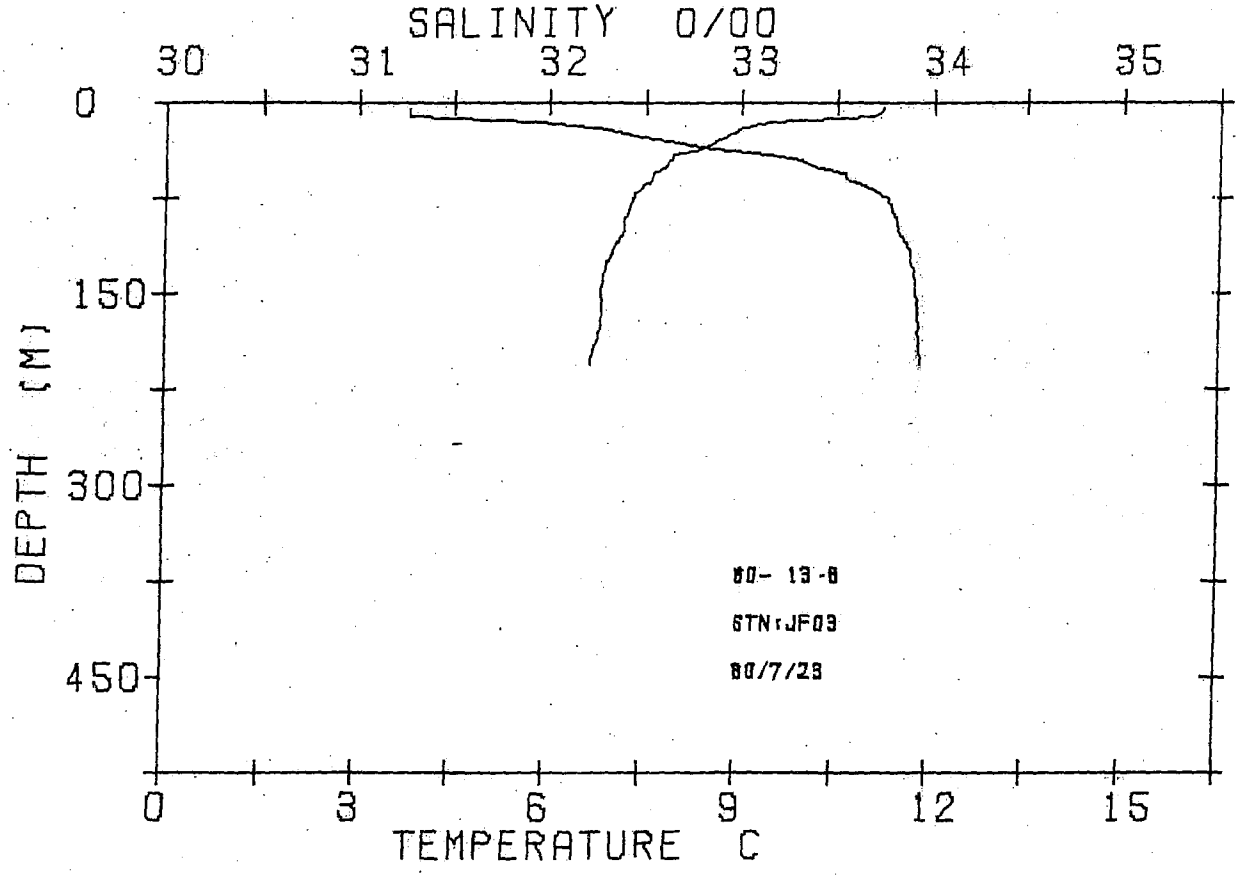

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80 · 13-7
STN:JF 4
80.7/23
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: JF 4 CONS #007
LAT N 48 24.5 LONG W 124 23.0
DATE 80/07/23 TIME (PST) 0022

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.91	31.31	23.94	397.2	.00	.00	1489.0
10	10.81	31.39	24.03	389.7	.39	.02	1488.9
20	10.60	31.45	24.11	381.9	.78	.08	1488.3
30	9.24	32.10	24.84	312.4	1.12	.16	1484.3
50	8.58	32.62	25.35	264.6	1.70	.39	1482.9
75	7.38	33.68	26.35	169.2	2.21	.71	1480.0
100	7.04	33.85	26.53	152.5	2.61	1.05	1479.3
125	6.82	33.89	26.59	147.1	2.98	1.47	1478.9
150	6.79	33.92	26.62	144.4	3.35	1.97	1479.2
175	6.79	33.92	26.62	145.0	3.71	2.56	1479.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
190.2	6.78	33.93	26.63	144.9	3.93	2.96	1479.9


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-8
STN:JF03
80/7/28
0
3
6
9
12
15
TEMPERATURE C

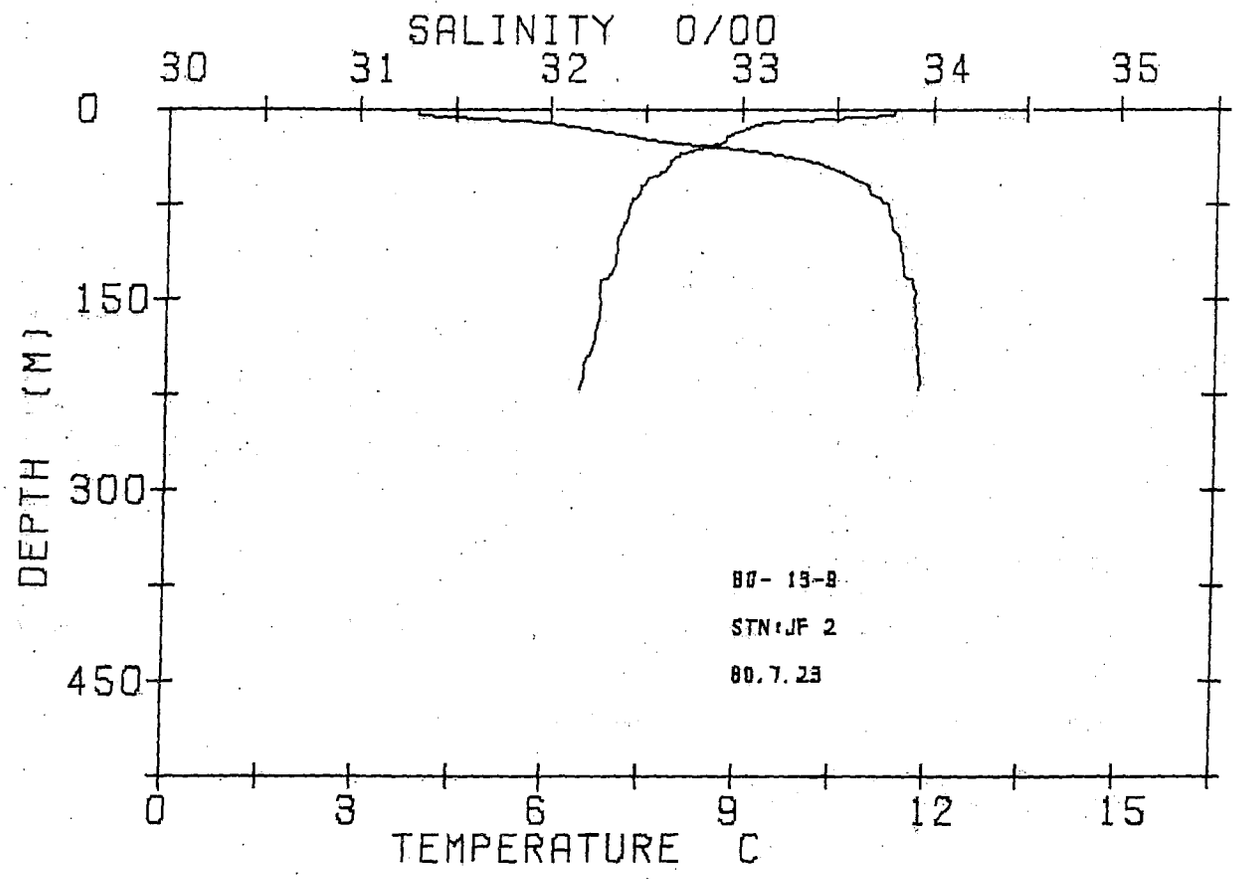
CRUISE : C.O.D.E. 80-13.
STATION: JF03 CONS #008
LAT N 48 26.0 LONG W 124 31.0
DATE 80/07/23 TIME (PST) 0126

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.20	31.26	23.86	405.6	.00	.00	1490.0
10	11.07	31.26	23.88	403.4	.40	.02	1489.7
20	8.96	32.30	25.03	293.8	.74	.07	1483.4
30	8.61	32.60	25.32	266.5	1.02	.14	1482.6
50	7.80	33.38	26.06	197.1	1.47	.32	1480.9
75	7.28	33.76	26.43	162.0	1.92	.59	1479.8
100	7.17	33.82	26.49	156.7	2.31	.94	1479.8
125	6.91	33.88	26.58	148.7	2.69	1.36	1479.3
150	6.82	33.91	26.61	145.8	3.06	1.87	1479.4
175	6.81	33.93	26.62	144.8	3.42	2.46	1479.7
200	6.67	33.94	26.65	142.6	3.78	3.13	1479.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
206.1	6.66	33.94	26.66	142.3	3.87	3.31	1479.7

WIND MIXED LAYER DEPTH = 8.6 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 15-8
STN:JF 2
80.7.23
0
3
6
9
12
15
TEMPERATURE C

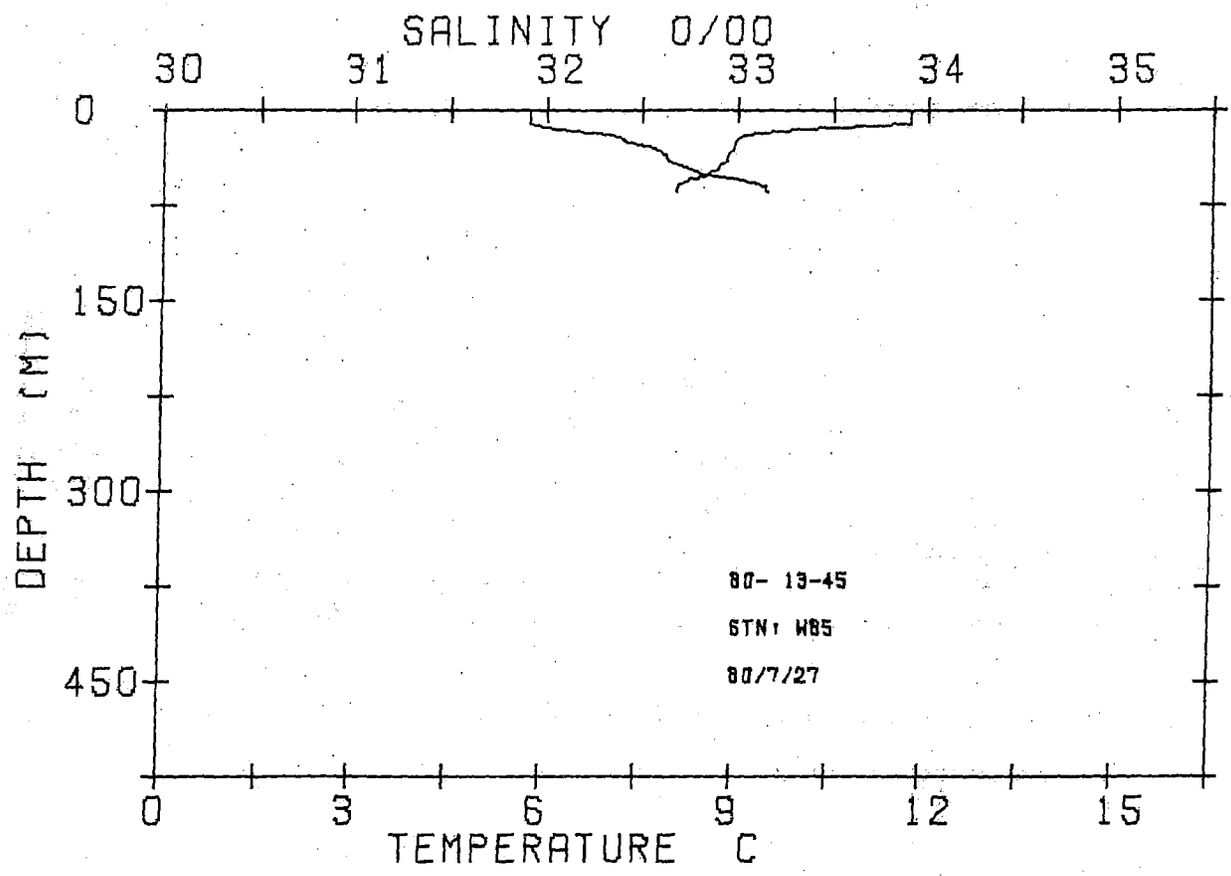
CRUISE : C.O.D.E. 80-13.
STATION: JF 2 CONS #009
LAT N 48 28.5 LONG W 124 39.0
DATE 80/07/23 TIME (PST) 0317

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.42	31.30	23.85	406.3	.00	.00	1490.8
10	9.44	31.95	24.69	326.3	.38	.02	1484.6
20	8.78	32.42	25.16	282.0	.69	.06	1482.9
30	8.41	32.88	25.58	242.1	.95	.13	1482.2
50	7.73	33.53	26.19	184.7	1.37	.29	1480.8
75	7.25	33.77	26.44	160.9	1.79	.56	1479.6
100	7.10	33.83	26.51	155.0	2.19	.90	1479.5
125	7.02	33.86	26.54	152.2	2.57	1.34	1479.6
150	6.84	33.91	26.61	146.1	2.94	1.84	1479.4
175	6.76	33.93	26.63	144.0	3.31	2.43	1479.5
200	6.58	33.94	26.67	141.1	3.66	3.10	1479.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
220.1	6.52	33.94	26.68	140.4	3.95	3.70	1479.4

WIND MIXED LAYER DEPTH = 4.9 METRES

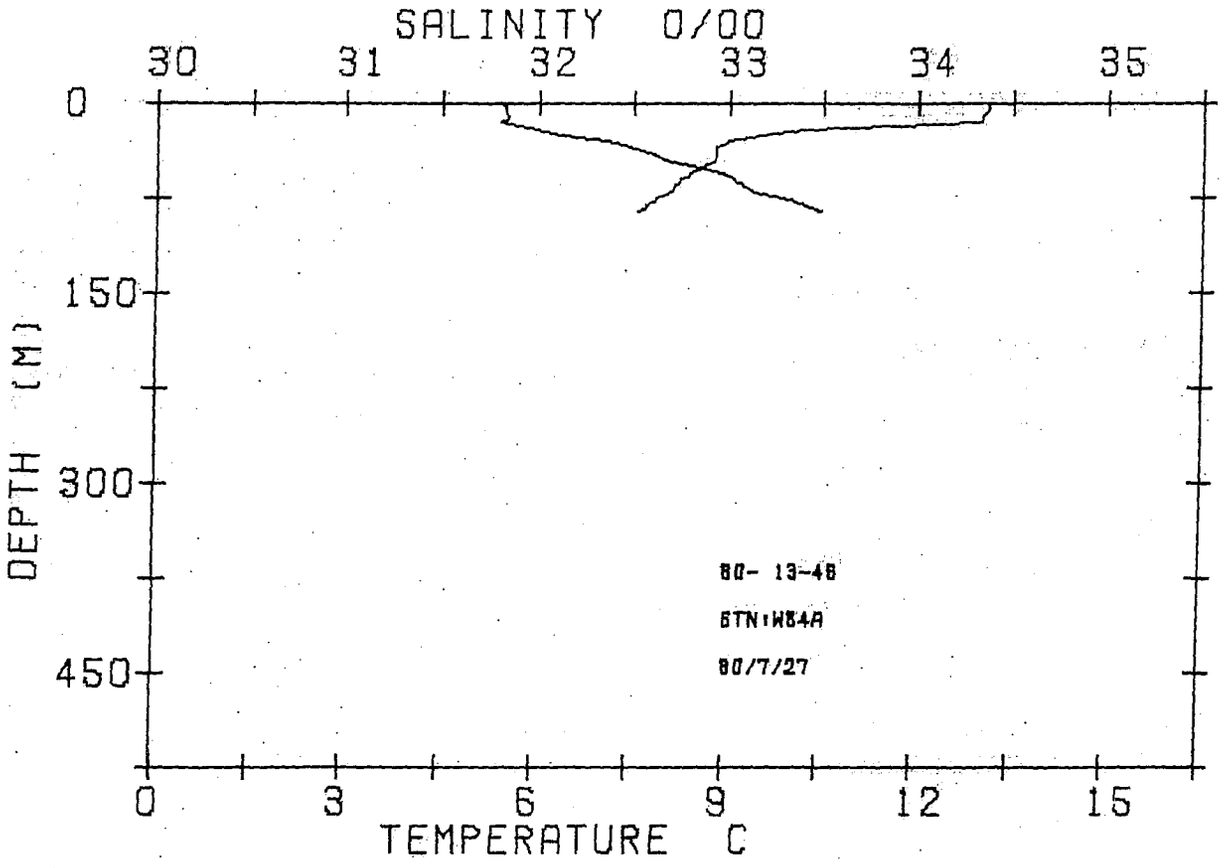

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-45
STN: W85
80/7/27
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: W85 CONS #045
LAT N 48 55.0 LONG W 126 03.2
DATE 80/07/27 TIME (PST) 1414

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.75	31.91	24.26	367.2	.00	.00	1492.7
10	11.72	31.91	24.26	366.9	.37	.02	1492.8
20	9.13	32.34	25.05	292.7	.70	.07	1484.1
30	8.95	32.56	25.24	274.1	.98	.14	1483.8
50	8.56	32.82	25.51	249.3	1.51	.35	1483.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
64.1	8.04	33.16	25.85	217.2	1.83	.53	1481.7


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-48
STN:W84A
80/7/27
0
3
6
9
12
15
TEMPERATURE C

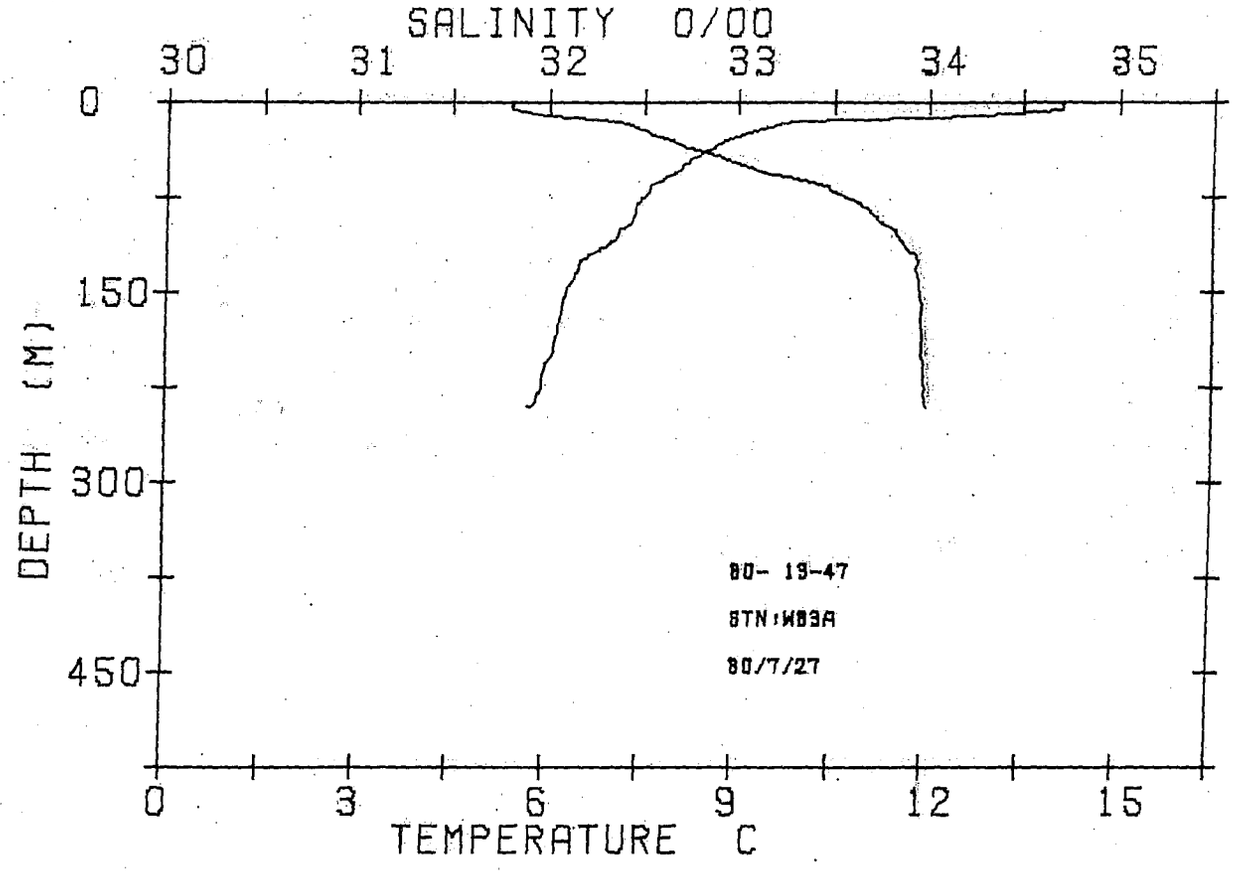
CRUISE : C.O.D.E. 80-13.
STATION: W84A CONS #046
LAT N 48 52.0 LONG W 126 08.1
DATE 80/07/27 TIME (PST) 1530

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.12	31.80	23.92	399.5	.00	.00	1497.3
10	13.02	31.84	23.97	395.0	.40	.02	1497.2
20	10.35	31.98	24.56	338.7	.78	.08	1488.1
30	8.97	32.36	25.08	289.1	1.09	.15	1483.7
50	8.60	32.81	25.49	251.1	1.63	.37	1483.2
75	7.87	33.29	25.98	205.1	2.20	.72	1481.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
85.1	7.59	33.49	26.17	186.3	2.40	.88	1480.8

WIND MIXED LAYER DEPTH = 14.8 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-47
STN:WB3A
80/7/27
0
3
6
9
12
15
TEMPERATURE C

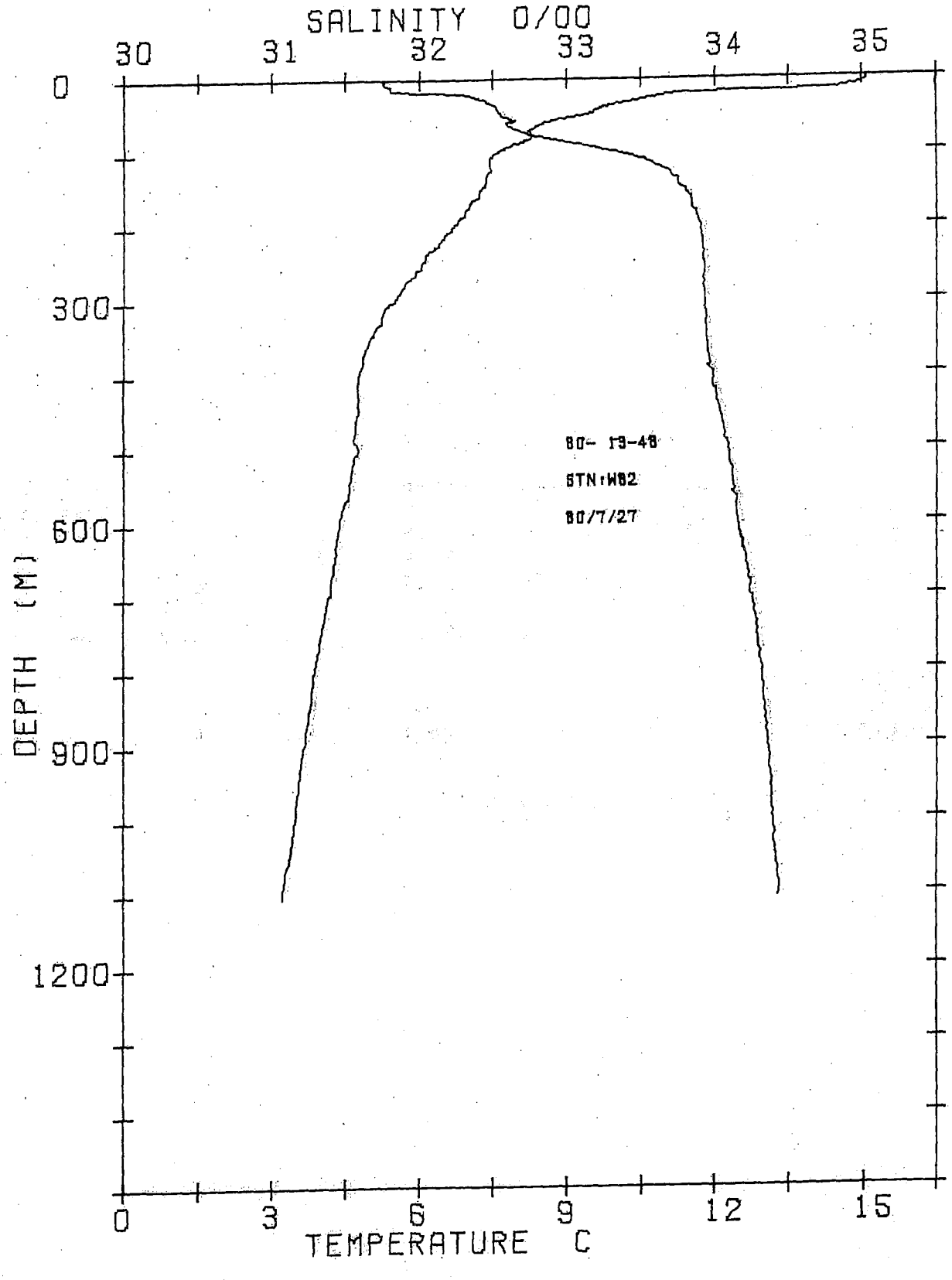
CRUISE : C.O.D.E. 80-13.
STATION: W83A CONS #047
LAT N 48 46.1 LONG W 126 17.7
DATE 80/07/27 TIME (PST) 1642

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.09	31.81	23.73	417.5	.00	.00	1500.5
10	12.81	32.00	24.13	379.7	.41	.02	1496.6
20	9.45	32.46	25.08	289.0	.73	.07	1485.4
30	8.78	32.65	25.34	265.2	1.01	.14	1483.3
50	8.13	33.03	25.73	227.6	1.50	.33	1481.7
75	7.48	33.57	26.25	178.6	2.00	.64	1480.3
100	7.12	33.82	26.50	155.6	2.41	1.00	1479.6
125	6.51	33.95	26.68	138.8	2.79	1.42	1477.8
150	6.26	33.96	26.72	134.9	3.13	1.89	1477.2
175	6.15	33.96	26.74	133.7	3.46	2.44	1477.2
200	6.07	33.97	26.76	132.4	3.80	3.06	1477.3
225	5.91	33.99	26.79	129.7	4.12	3.75	1477.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
240.3	5.73	34.00	26.82	126.6	4.32	4.21	1476.6

WIND MIXED LAYER DEPTH = 5.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-48
STN:W82
80/7/27
0
3
6
9
12
15
TEMPERATURE C

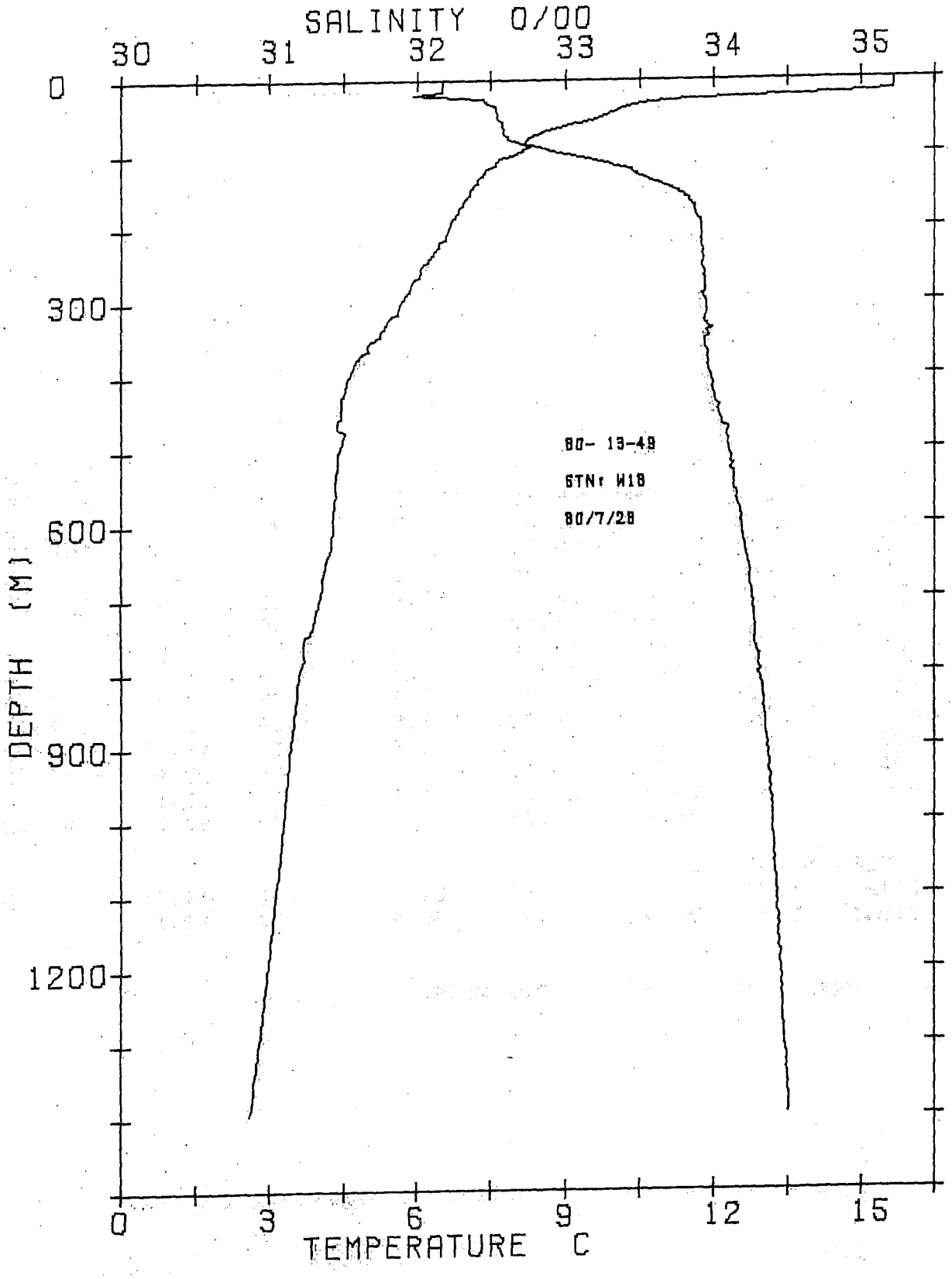
CRUISE : C.O.D.E. 80-13.
STATION: W82 CONS #048
LAT N 48 37.2 LONG W 126 32.0
DATE 80/07/27 TIME (PST) 1832

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.09	31.76	23.49	441.0	.00	.00	1503.7
10	15.00	31.80	23.53	437.0	.44	.02	1503.6
20	11.33	32.29	24.63	331.9	.85	.08	1492.0
30	10.41	32.46	24.93	304.2	1.16	.16	1489.1
50	9.28	32.56	25.19	279.3	1.74	.39	1485.4
75	8.27	32.76	25.50	250.1	2.40	.80	1482.3
100	7.60	33.37	26.08	195.9	2.96	1.29	1480.9
125	7.48	33.69	26.35	170.4	3.41	1.79	1481.2
150	7.28	33.80	26.46	160.5	3.82	2.36	1481.0
175	7.03	33.85	26.53	153.9	4.21	3.00	1480.5
200	6.71	33.91	26.62	145.5	4.59	3.69	1479.7
225	6.39	33.92	26.68	140.5	4.94	4.45	1478.9
250	6.06	33.93	26.72	136.3	5.29	5.27	1478.0
300	5.50	33.93	26.79	129.9	5.95	7.10	1476.5
400	4.78	33.98	26.92	118.5	7.19	11.42	1475.3
500	4.76	34.09	27.01	111.0	8.34	16.57	1477.0
600	4.38	34.16	27.11	102.4	9.40	22.42	1477.1
800	3.86	34.32	27.28	86.8	11.29	35.57	1478.5
1000	3.47	34.40	27.38	77.9	12.93	50.28	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1105.2	3.21	34.43	27.44	72.9	13.72	58.59	1480.9

WIND MIXED LAYER DEPTH = 12.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-49
STN: W18
80/7/28
0
3
6
9
12
15
TEMPERATURE C

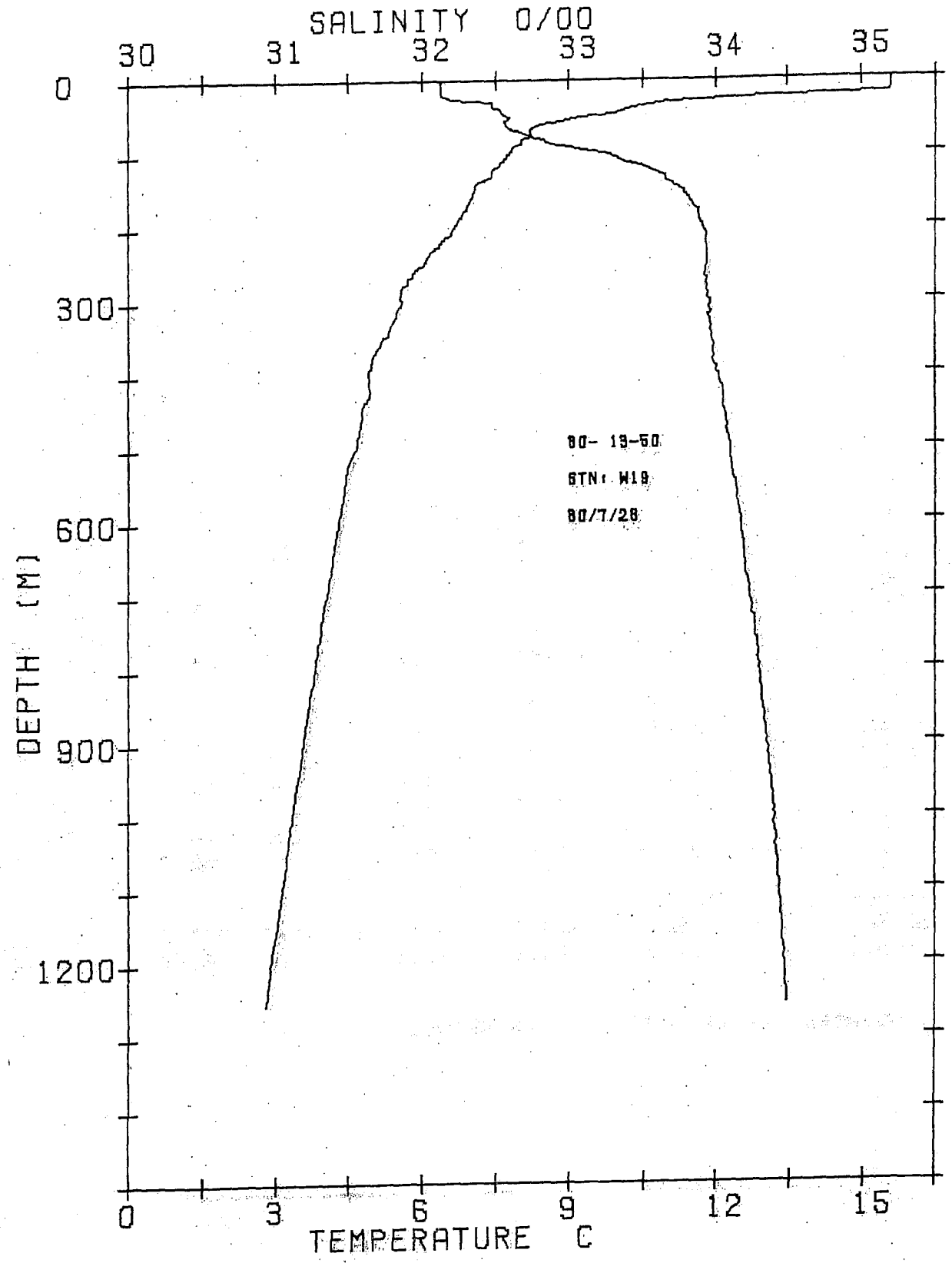
CRUISE : C.O.D.E. 80-13.
STATION: W18 CONS #049
LAT N 48 42.0 LONG W 127 46.0
DATE 80/07/28 TIME (PST) 0258

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.67	32.17	23.67	423.3	.00	.00	1506.0
10	15.66	32.17	23.68	423.2	.42	.02	1506.2
20	14.62	31.97	23.74	416.9	.84	.08	1502.8
30	10.75	32.47	24.87	309.3	1.19	.17	1490.3
50	9.71	32.54	25.11	287.5	1.78	.40	1487.0
75	8.35	32.61	25.37	262.4	2.46	.83	1482.4
100	8.04	33.00	25.72	229.5	3.08	1.37	1482.1
125	7.38	33.47	26.19	185.8	3.59	1.94	1480.6
150	7.09	33.76	26.46	160.4	4.03	2.54	1480.2
175	6.85	33.87	26.58	149.3	4.41	3.16	1479.8
200	6.66	33.92	26.64	144.1	4.78	3.85	1479.5
225	6.44	33.92	26.67	141.1	5.13	4.61	1479.1
250	6.13	33.92	26.71	137.5	5.48	5.43	1478.3
300	5.67	33.95	26.79	130.7	6.15	7.27	1477.3
400	4.61	33.98	26.93	117.1	7.39	11.61	1474.6
500	4.40	34.10	27.05	106.7	8.51	16.61	1475.5
600	4.29	34.19	27.13	99.6	9.54	22.26	1476.8
800	3.61	34.30	27.30	84.9	11.37	35.07	1477.4
1000	3.30	34.40	27.40	75.8	12.96	49.34	1479.5
1200	2.98	34.46	27.48	69.2	14.41	65.25	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1395.1	2.61	34.50	27.55	62.8	15.69	81.88	1483.2

WIND MIXED LAYER DEPTH = 17.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-50
STN: W19
80/7/28
0
3
6
9
12
15
TEMPERATURE C

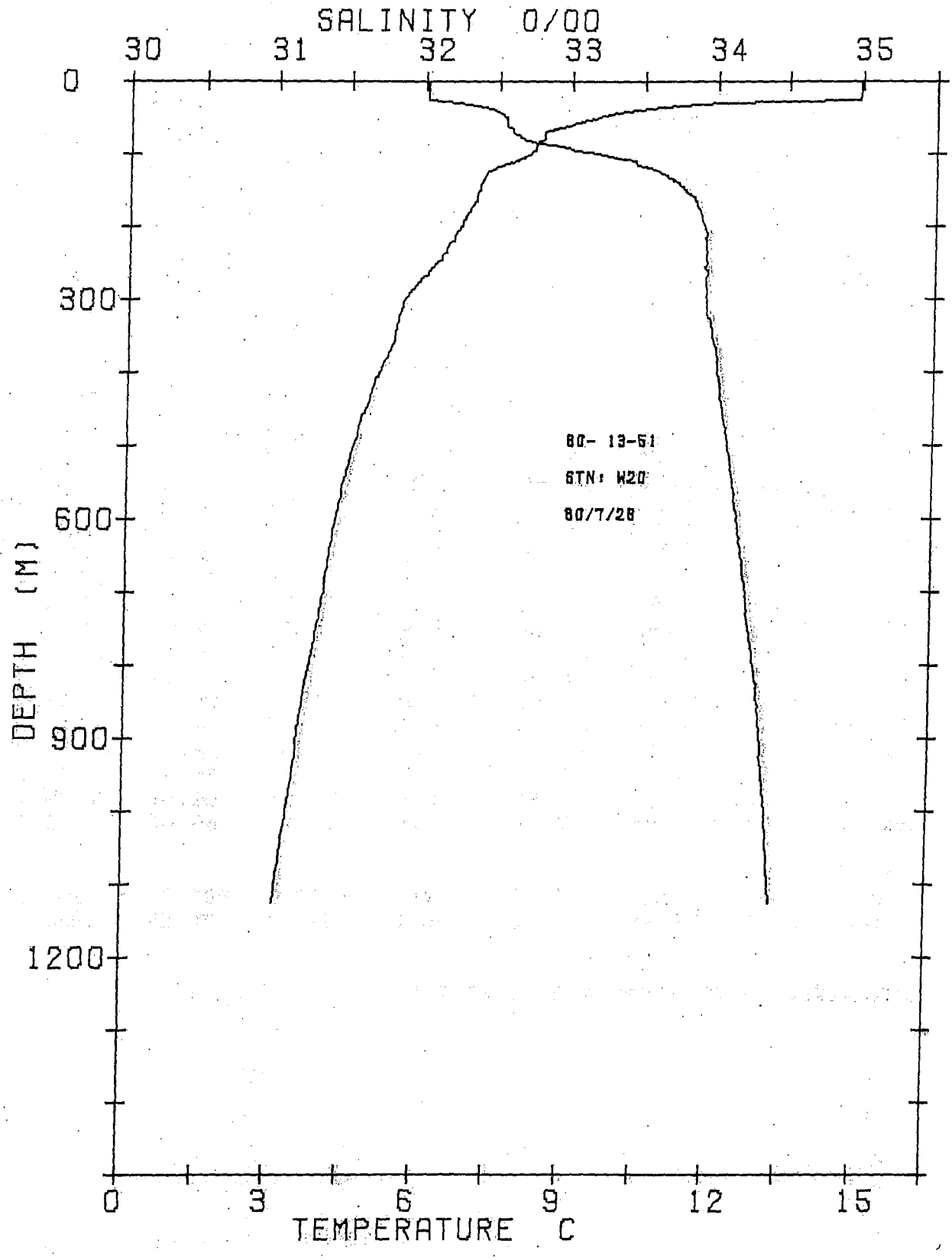
CRUISE : C.O.D.E. 80-13.
STATION: W19 CONS #050
LAT N 48 48.0 LONG W 127 37.5
DATE 80/07/28 TIME (PST) 0528

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.60	32.13	23.65	425.0	.00	.00	1505.8
10	15.61	32.13	23.65	425.2	.42	.02	1506.0
20	15.57	32.13	23.66	424.8	.85	.09	1506.0
30	11.05	32.47	24.82	314.5	1.21	.17	1491.4
50	9.25	32.59	25.22	276.7	1.81	.41	1485.4
75	8.24	32.75	25.50	250.5	2.47	.82	1482.1
100	7.77	33.29	25.99	204.3	3.04	1.32	1481.4
125	7.41	33.59	26.28	177.1	3.52	1.86	1480.9
150	7.08	33.77	26.46	160.2	3.94	2.43	1480.2
175	6.89	33.87	26.57	150.5	4.33	3.06	1480.0
200	6.67	33.90	26.62	145.2	4.70	3.76	1479.6
225	6.33	33.93	26.69	138.9	5.05	4.51	1478.7
250	6.04	33.93	26.73	135.9	5.39	5.32	1477.9
300	5.60	33.95	26.80	129.7	6.06	7.14	1476.9
400	4.92	34.01	26.93	117.8	7.30	11.49	1475.9
500	4.68	34.10	27.02	109.7	8.44	16.61	1476.7
600	4.33	34.18	27.12	100.5	9.49	22.37	1476.9
800	3.83	34.30	27.27	87.5	11.37	35.47	1478.3
1000	3.36	34.41	27.40	75.9	12.99	50.08	1479.7
1200	2.92	34.48	27.50	66.8	14.43	65.82	1481.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1255.1	2.82	34.49	27.52	65.0	14.79	70.29	1481.8

WIND MIXED LAYER DEPTH = 20.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-61
STN: W20
80/7/28
0
3
6
9
12
15
TEMPERATURE C

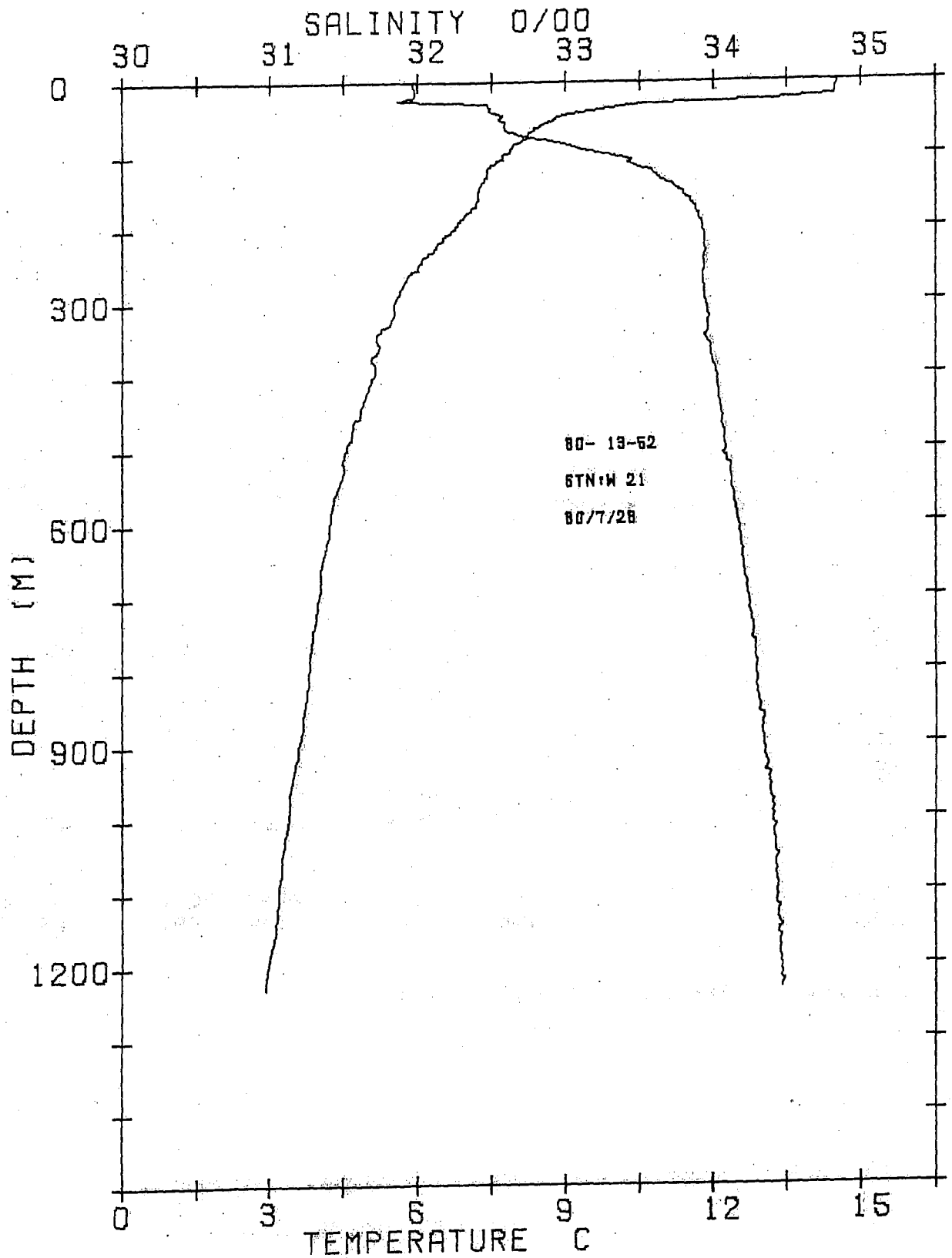
CRUISE : C.O.D.E. 80-13.
STATION: W20 CONS #051
LAT N 48 53.5 LONG W 127 29.0
DATE 80/07/28 TIME (PST) 0721

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.98	32.02	23.70	420.1	.00	.00	1503.7
10	14.98	32.02	23.71	420.2	.42	.02	1503.8
20	14.98	32.01	23.70	420.9	.84	.08	1504.0
30	12.10	32.22	24.44	350.5	1.24	.18	1494.8
50	9.58	32.55	25.13	284.9	1.86	.43	1486.5
75	8.44	32.64	25.38	261.5	2.54	.85	1482.8
100	8.19	33.19	25.85	217.4	3.15	1.38	1482.9
125	7.31	33.60	26.30	174.9	3.63	1.93	1480.5
150	7.13	33.78	26.46	159.9	4.05	2.50	1480.4
175	6.96	33.88	26.56	150.6	4.44	3.12	1480.3
200	6.78	33.92	26.62	145.5	4.81	3.82	1480.0
225	6.52	33.93	26.66	141.6	5.16	4.58	1479.4
250	6.28	33.94	26.70	138.1	5.51	5.41	1478.9
300	5.65	33.94	26.78	130.8	6.19	7.26	1477.1
400	5.16	34.02	26.91	119.8	7.44	11.65	1476.9
500	4.65	34.10	27.02	109.5	8.59	16.79	1476.5
600	4.29	34.17	27.12	100.9	9.64	22.54	1476.8
800	3.78	34.31	27.28	86.5	11.51	35.60	1478.1
1000	3.36	34.41	27.40	75.9	13.13	50.13	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1125.2	3.12	34.45	27.46	70.9	14.04	59.88	1480.8

WIND MIXED LAYER DEPTH = 24.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-62
STN:W 21
80/7/28
0
3
6
9
12
15
TEMPERATURE C

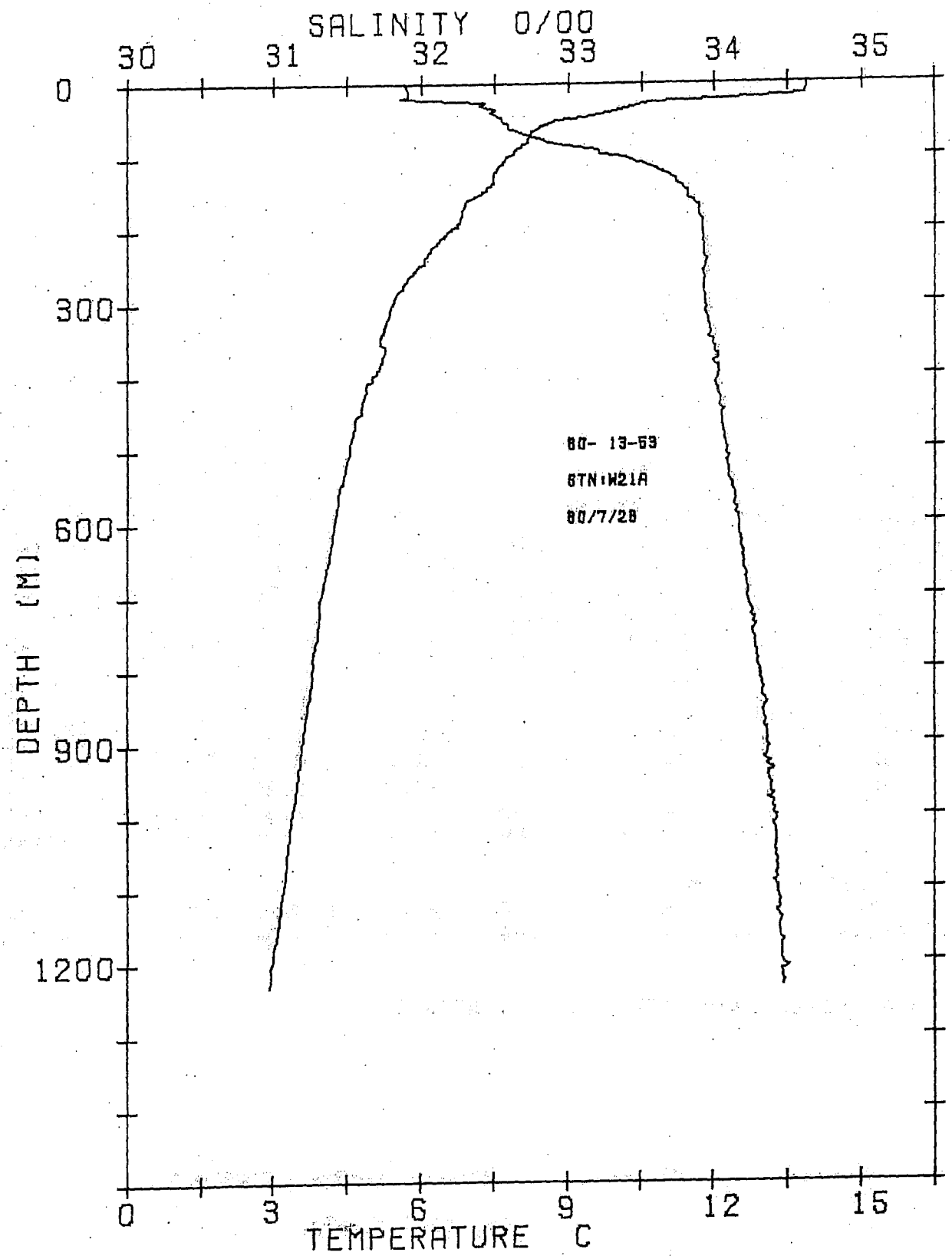
CRUISE : C.O.D.E. 80-13.
STATION: W 21 CONS #052
LAT N 48 59.0 LONG W 127 19.5
DATE 80/07/28 TIME (PST) 0900

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.52	31.97	23.76	414.5	.00	.00	1502.1
10	14.50	31.98	23.77	413.8	.41	.02	1502.3
20	14.47	31.98	23.78	413.0	.83	.08	1502.3
30	10.65	32.45	24.88	309.0	1.21	.18	1490.0
50	8.82	32.55	25.25	273.5	1.78	.40	1483.7
75	8.21	32.75	25.50	250.0	2.44	.81	1482.0
100	7.72	33.32	26.02	201.3	3.00	1.30	1481.3
125	7.42	33.61	26.29	176.0	3.47	1.83	1480.9
150	7.22	33.79	26.46	160.1	3.89	2.40	1480.8
175	7.10	33.88	26.55	151.9	4.28	3.04	1480.8
200	6.76	33.93	26.63	144.6	4.65	3.73	1480.0
225	6.39	33.94	26.69	138.9	5.00	4.48	1478.9
250	6.05	33.94	26.74	135.0	5.34	5.29	1477.9
300	5.56	33.95	26.80	129.1	6.00	7.11	1476.8
400	5.12	34.03	26.92	118.7	7.25	11.45	1476.8
500	4.58	34.09	27.03	109.2	8.39	16.58	1476.2
600	4.24	34.18	27.13	99.4	9.43	22.30	1476.5
800	3.82	34.30	27.28	87.2	11.29	35.26	1478.2
1000	3.41	34.41	27.40	76.0	12.92	49.90	1479.9
1200	2.99	34.48	27.49	67.9	14.36	65.74	1481.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1230.3	2.94	34.47	27.49	67.8	14.56	68.22	1481.8

WIND MIXED LAYER DEPTH = 20.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-53
STN:W21A
80/7/28
0
3
6
9
12
15
TEMPERATURE C

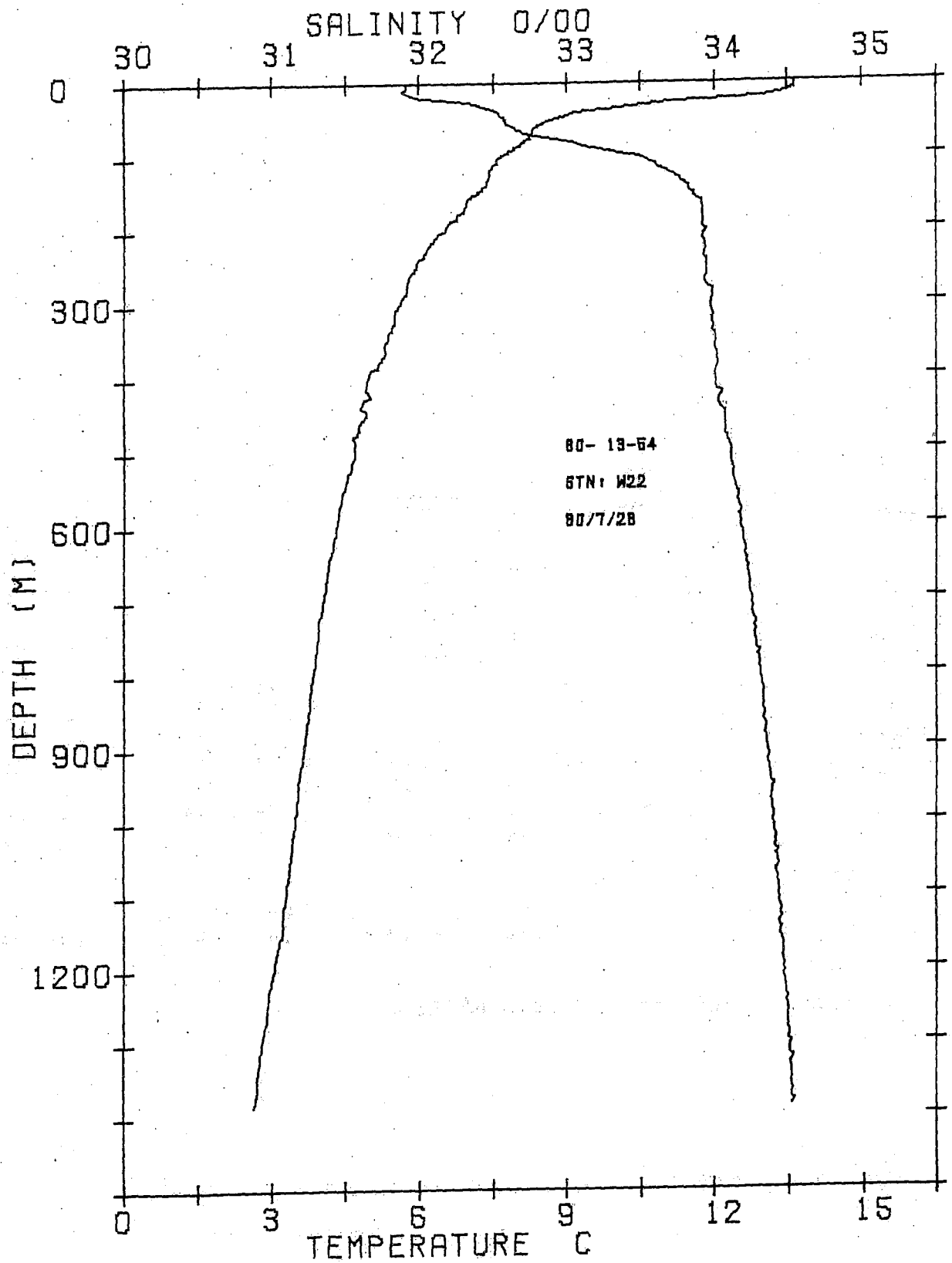
CRUISE : C.O.D.E. 80-13.
STATION: W21A CONS #053
LAT N 49 01.8 LONG W 127 15.3
DATE 80/07/28 TIME (PST) 1018

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.89	31.88	23.83	408.3	.00	.00	1500.0
10	13.88	31.91	23.85	406.7	.41	.02	1500.1
20	12.99	31.86	23.99	393.2	.81	.08	1497.3
30	10.43	32.40	24.87	309.3	1.14	.16	1489.1
50	8.76	32.55	25.26	272.6	1.73	.39	1483.4
75	8.19	32.83	25.56	244.2	2.37	.80	1482.1
100	7.75	33.37	26.06	197.6	2.93	1.28	1481.5
125	7.47	33.69	26.35	170.4	3.39	1.80	1481.2
150	7.22	33.82	26.48	158.0	3.80	2.36	1480.8
175	6.84	33.90	26.60	147.2	4.18	2.97	1479.8
200	6.60	33.92	26.65	142.8	4.54	3.66	1479.3
225	6.21	33.93	26.71	137.4	4.89	4.40	1478.2
250	5.95	33.94	26.75	133.7	5.23	5.21	1477.6
300	5.42	33.94	26.81	128.4	5.89	7.01	1476.2
400	5.00	34.03	26.93	117.6	7.12	11.31	1476.2
500	4.58	34.10	27.03	108.5	8.25	16.40	1476.3
600	4.27	34.18	27.13	100.0	9.30	22.16	1476.7
800	3.81	34.32	27.29	86.0	11.16	35.15	1478.2
1000	3.40	34.43	27.41	74.9	12.78	49.70	1479.9
1200	3.01	34.48	27.49	68.2	14.23	65.55	1481.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1231.4	2.95	34.48	27.50	67.3	14.44	68.12	1481.9

WIND MIXED LAYER DEPTH = 15.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-54
STN: W22
80/7/28
0
3
6
9
12
15
TEMPERATURE C

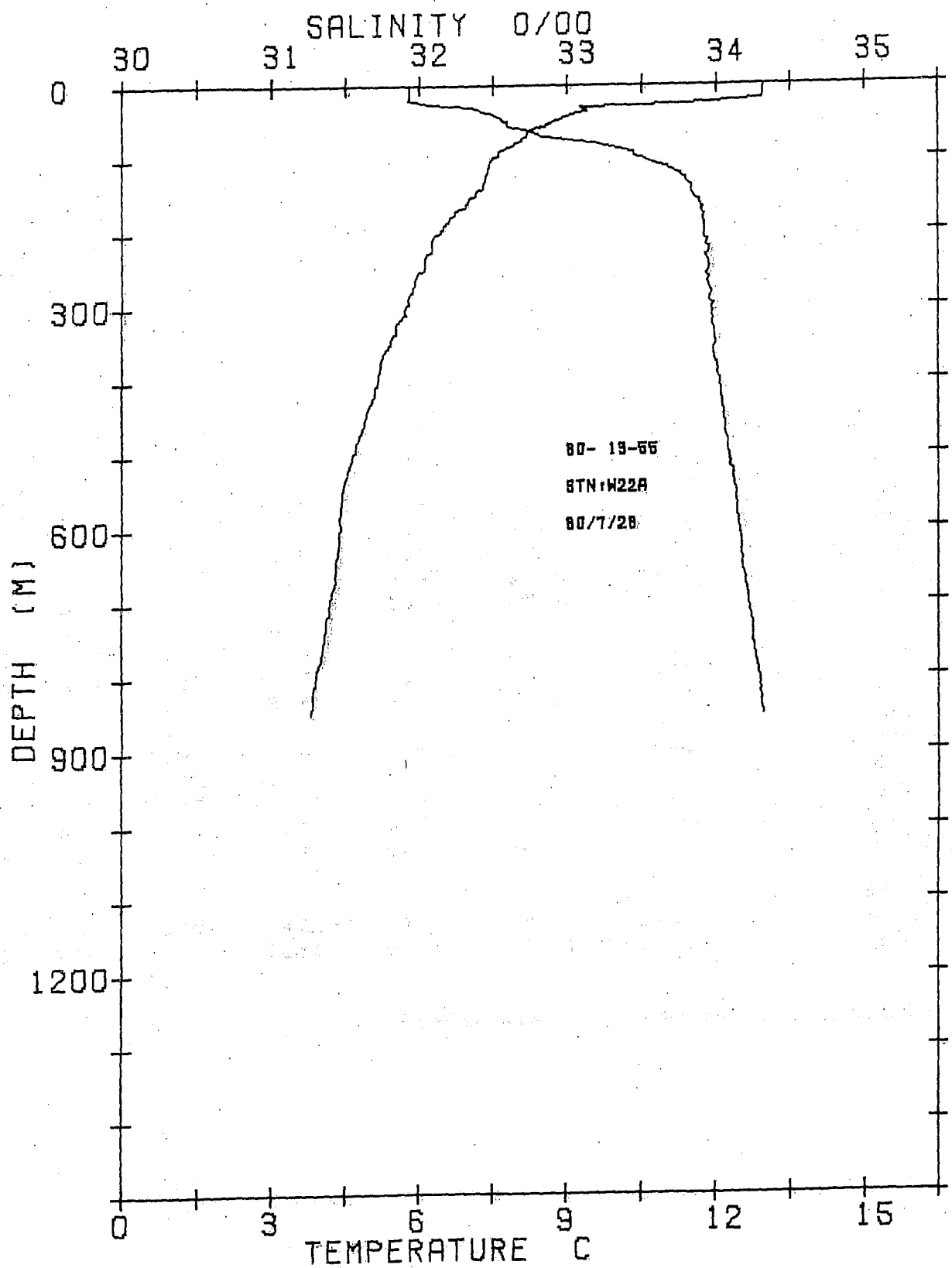
CRUISE : C.O.D.E. 80-13.
STATION: W22 CONS #054
LAT N 49 04.5 LONG W 127 11.0
DATE 80/07/28 TIME (PST) 1155

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.69	31.91	23.89	402.3	.00	.00	1499.3
10	13.65	31.89	23.88	403.7	.40	.02	1499.3
20	13.04	32.02	24.11	382.2	.80	.08	1497.6
30	10.62	32.40	24.84	312.2	1.13	.16	1489.8
50	8.68	32.58	25.30	268.8	1.70	.39	1483.2
75	8.24	32.89	25.61	239.7	2.35	.79	1482.3
100	7.64	33.50	26.17	187.1	2.88	1.25	1481.2
125	7.44	33.73	26.38	167.4	3.32	1.75	1481.1
150	7.16	33.85	26.52	154.9	3.73	2.30	1480.6
175	6.90	33.92	26.61	146.3	4.10	2.91	1480.1
200	6.54	33.94	26.67	141.0	4.46	3.58	1479.1
225	6.19	33.93	26.71	136.9	4.81	4.32	1478.1
250	5.96	33.94	26.74	134.2	5.15	5.13	1477.6
300	5.63	33.97	26.81	128.6	5.80	6.93	1477.1
400	4.97	34.01	26.92	118.8	7.03	11.24	1476.1
500	4.71	34.12	27.04	108.1	8.17	16.36	1476.8
600	4.32	34.18	27.13	100.4	9.22	22.08	1476.9
800	3.85	34.32	27.29	86.3	11.07	35.01	1478.4
1000	3.48	34.41	27.39	77.4	12.70	49.62	1480.3
1200	3.05	34.47	27.49	68.8	14.16	65.68	1481.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1385.3	2.65	34.52	27.56	61.6	15.35	81.09	1483.2

WIND MIXED LAYER DEPTH = 14.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-55
STN:W22A
80/7/28
0
3
6
9
12
15
TEMPERATURE C

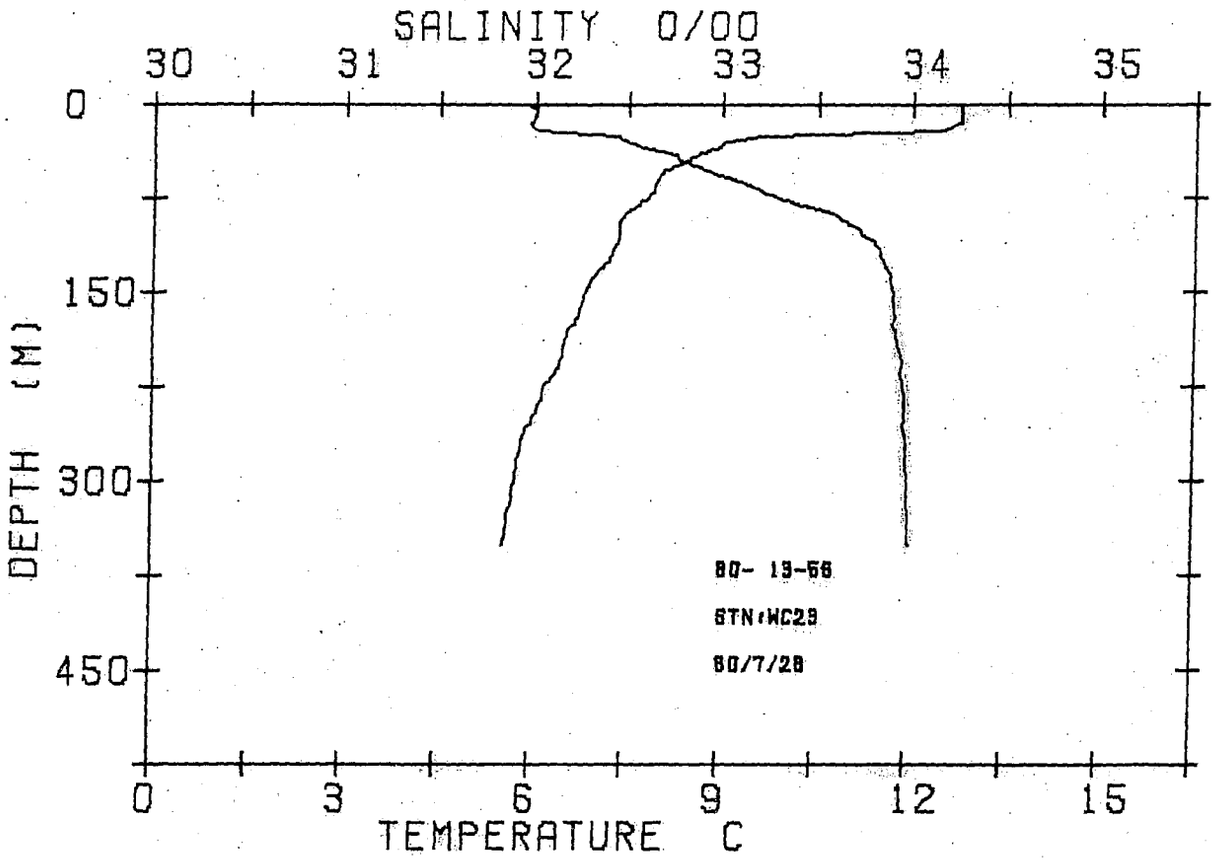
CRUISE : C.O.D.E. 80-13.
STATION: W22A CONS #055
LAT N 49 07.3 LONG W 127 06.5
DATE 80/07/28 TIME (PST) 1320

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.97	31.93	24.05	387.3	.00	.00	1497.0
10	12.97	31.93	24.05	387.5	.39	.02	1497.1
20	12.93	31.92	24.05	388.0	.78	.08	1497.1
30	9.35	32.35	25.01	295.8	1.12	.16	1485.1
50	8.75	32.59	25.30	269.0	1.69	.39	1483.5
75	8.08	33.07	25.77	224.5	2.31	.78	1482.0
100	7.50	33.53	26.22	182.5	2.81	1.21	1480.7
125	7.35	33.79	26.44	161.5	3.24	1.69	1480.9
150	7.15	33.85	26.51	155.2	3.63	2.23	1480.6
175	6.71	33.91	26.63	144.5	4.00	2.84	1479.3
200	6.41	33.92	26.67	140.6	4.36	3.50	1478.6
225	6.24	33.95	26.72	136.5	4.71	4.24	1478.3
250	6.09	33.95	26.73	135.3	5.05	5.04	1478.1
300	5.72	33.97	26.80	129.7	5.71	6.86	1477.5
400	5.17	34.03	26.91	119.6	6.95	11.22	1476.9
500	4.67	34.10	27.02	109.5	8.10	16.37	1476.6
600	4.40	34.17	27.11	102.3	9.15	22.14	1477.2
800	3.90	34.30	27.27	88.1	11.07	35.52	1478.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
850.1	3.80	34.33	27.30	85.1	11.50	39.11	1479.0

WIND MIXED LAYER DEPTH = 21.4 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-66
STN:WC29
80/7/28
0
3
6
9
12
15
TEMPERATURE C

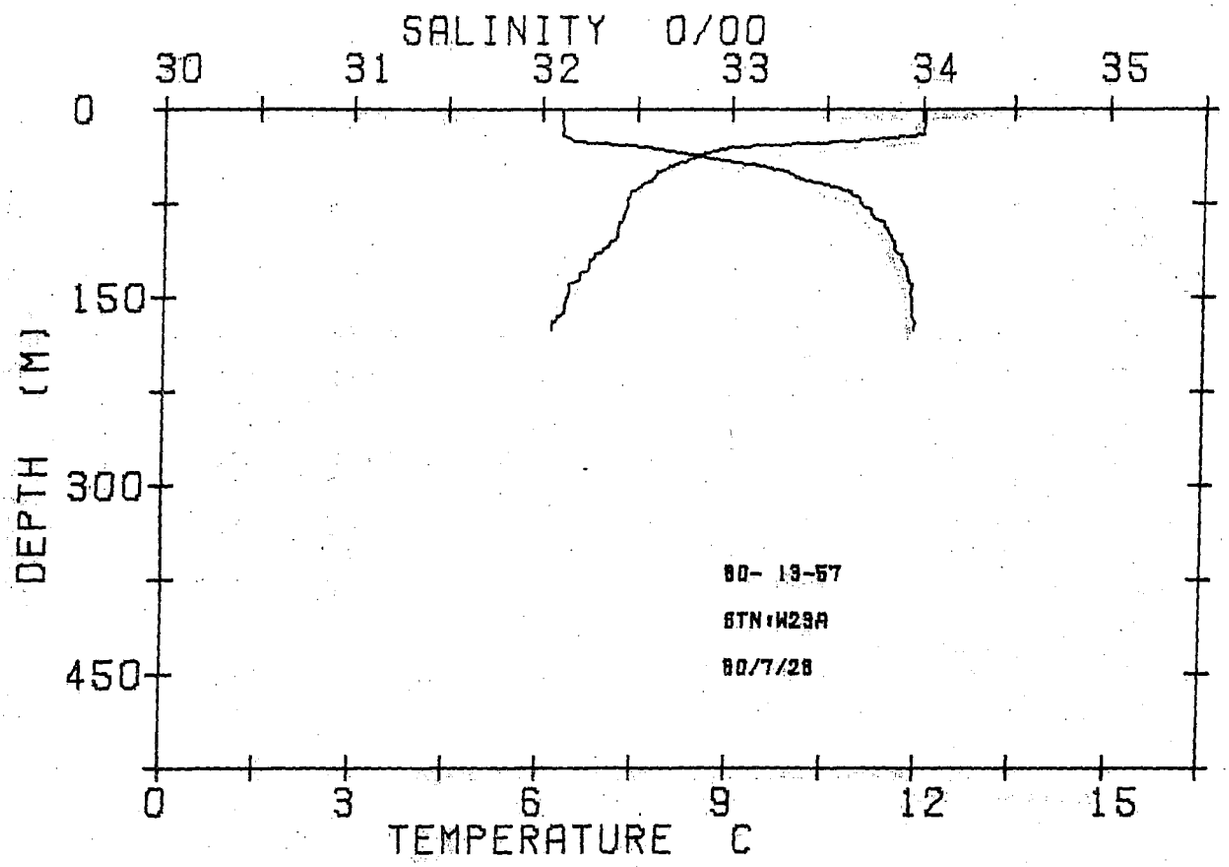
CRUISE : C.O.D.E. 80-13.
STATION: WC23 CONS #056
LAT N 49 10.0 LONG W 127 02.0
DATE 80/07/28 TIME (PST) 1440

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.78	31.98	24.12	380.6	.00	.00	1496.4
10	12.79	31.99	24.13	379.7	.38	.02	1496.6
20	12.54	32.01	24.19	373.9	.76	.08	1495.9
30	9.08	32.49	25.17	281.1	1.07	.15	1484.3
50	8.22	32.88	25.60	240.3	1.59	.36	1481.8
75	7.84	33.30	25.99	204.1	2.14	.70	1481.3
100	7.38	33.73	26.39	166.3	2.60	1.10	1480.5
125	7.20	33.85	26.51	155.2	3.00	1.55	1480.3
150	6.85	33.91	26.61	146.1	3.37	2.06	1479.5
175	6.67	33.90	26.62	144.9	3.74	2.65	1479.1
200	6.47	33.95	26.69	138.9	4.09	3.32	1478.8
225	6.19	33.96	26.73	135.0	4.43	4.05	1478.1
250	6.01	33.97	26.76	132.6	4.77	4.84	1477.8
300	5.72	33.99	26.82	127.8	5.42	6.62	1477.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
350.6	5.56	34.01	26.85	125.4	6.06	8.71	1477.7

WIND MIXED LAYER DEPTH = 19.1 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-57
STN:W23A
80/7/28
0
3
6
9
12
15
TEMPERATURE C

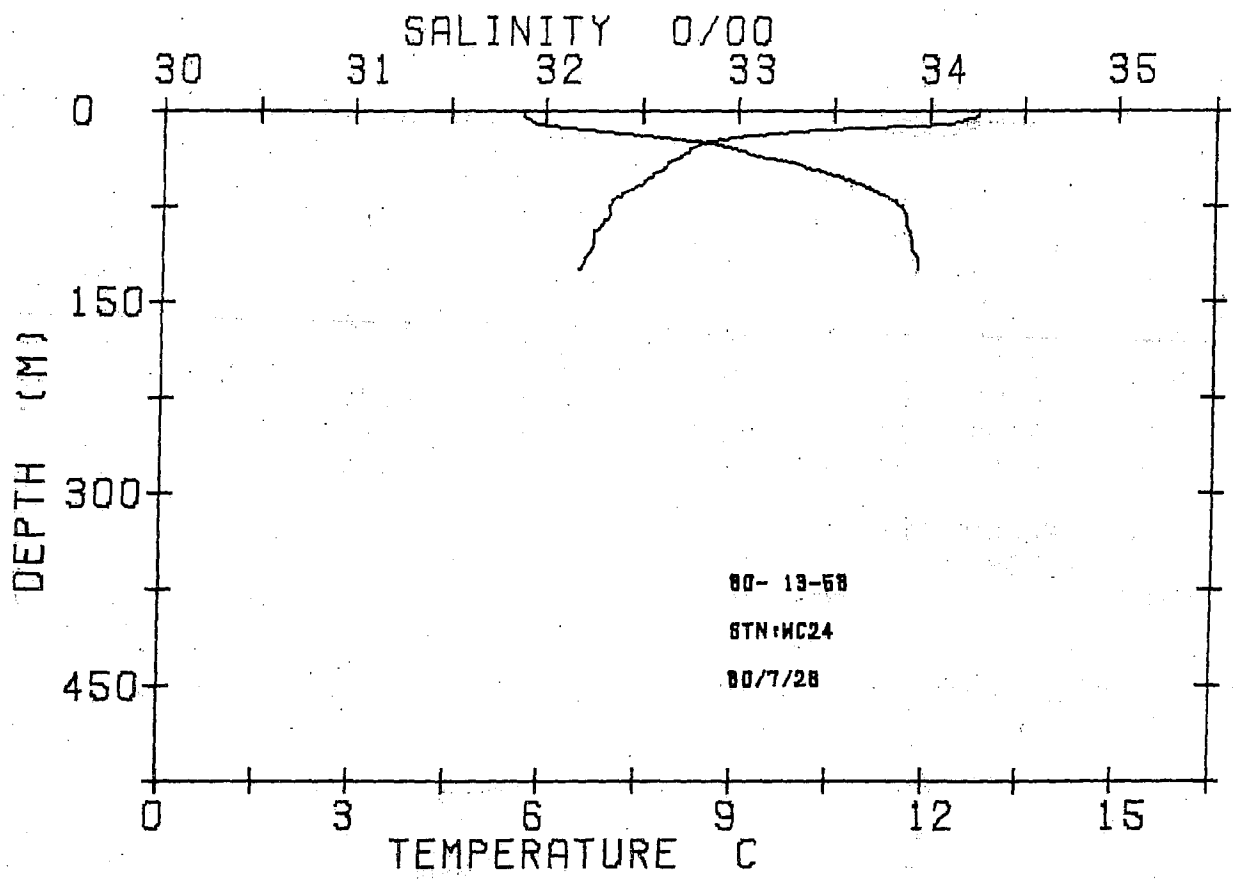
CRUISE : C.O.D.E. 80-13.
STATION: W23A CONS #057
LAT N 49 12.8 LONG W 126 57.5
DATE 80/07/28 TIME (PST) 1550

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.05	32.10	24.35	358.3	.00	.00	1494.0
10	12.04	32.10	24.35	358.5	.36	.02	1494.1
20	12.04	32.10	24.35	358.6	.72	.07	1494.3
30	8.98	32.55	25.23	275.3	1.04	.15	1484.0
50	7.84	33.29	25.98	204.1	1.51	.34	1480.9
75	7.34	33.69	26.37	168.0	1.97	.62	1479.9
100	7.19	33.84	26.50	155.5	2.37	.97	1479.9
125	6.75	33.92	26.63	144.0	2.75	1.39	1478.7
150	6.39	33.95	26.70	137.6	3.10	1.87	1477.7
175	6.14	33.96	26.74	133.5	3.44	2.43	1477.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.2	6.14	33.96	26.74	133.5	3.44	2.43	1477.1

WIND MIXED LAYER DEPTH = 19.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-58
STN:HC24
80/7/28
0
3
6
9
12
15
TEMPERATURE C

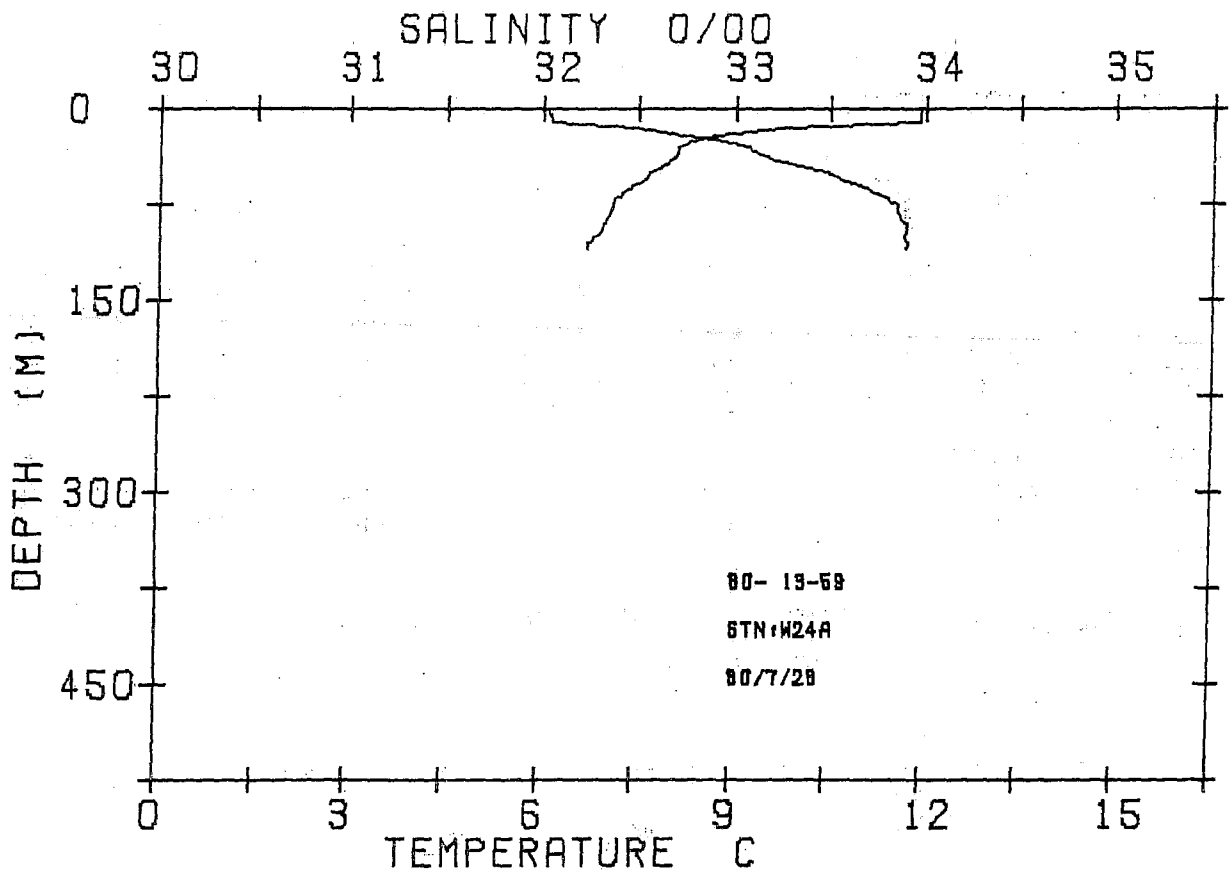
CRUISE : C.O.D.E. 80-13.
STATION: WC24 CONS #058
LAT N 49 15.5 LONG W 126 53.0
DATE 80/07/28 TIME (PST) 1633

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.79	31.88	24.04	387.9	.00	.00	1496.3
10	12.38	31.95	24.17	375.7	.38	.02	1495.1
20	8.98	32.57	25.24	273.7	.71	.07	1483.8
30	8.24	32.99	25.68	232.2	.96	.13	1481.7
50	7.69	33.48	26.15	188.4	1.38	.29	1480.6
75	6.98	33.85	26.54	151.3	1.79	.55	1478.7
100	6.76	33.91	26.62	144.4	2.16	.88	1478.3
125	6.55	33.94	26.67	140.0	2.52	1.28	1477.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
125.1	6.55	33.94	26.67	140.0	2.52	1.28	1477.9

WIND MIXED LAYER DEPTH = 9.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-59
STN:W24A
80/7/28
0
3
6
9
12
15
TEMPERATURE C

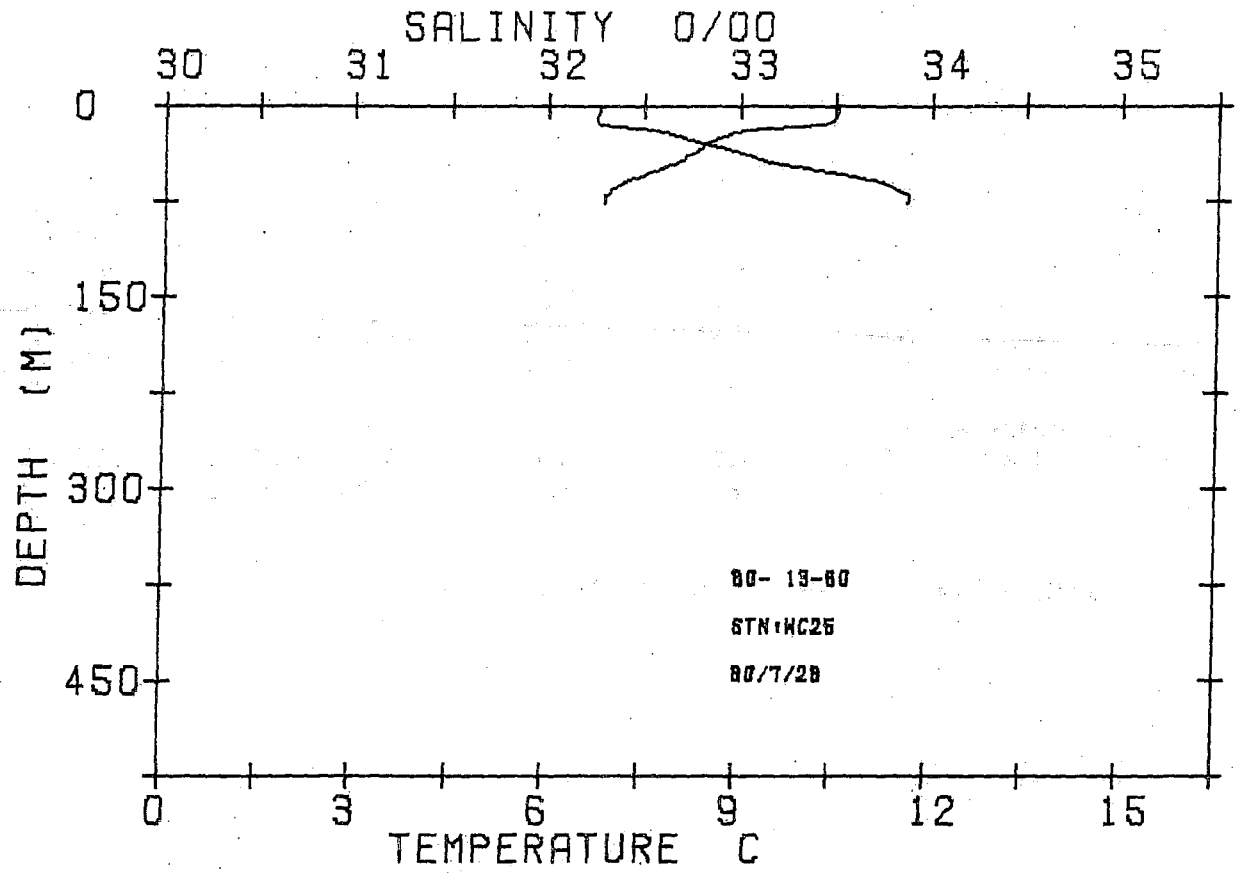
CRUISE : C.O.D.E. 80-13.
STATION: W24A CONS #059
LAT N 49 18.3 LONG W 126 48.8
DATE 80/07/28 TIME (PST) 1718

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.91	32.02	24.32	361.2	.00	.00	1493.4
10	11.90	32.05	24.34	359.4	.36	.02	1493.6
20	8.74	32.73	25.41	258.4	.66	.06	1483.1
30	8.14	33.06	25.76	225.3	.90	.12	1481.4
50	7.69	33.49	26.16	187.5	1.32	.29	1480.6
75	7.12	33.85	26.52	153.2	1.74	.55	1479.2
100	6.80	33.90	26.60	146.1	2.12	.88	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
110.2	6.73	33.90	26.61	144.9	2.26	1.03	1478.3

WIND MIXED LAYER DEPTH = 9.1 METRES

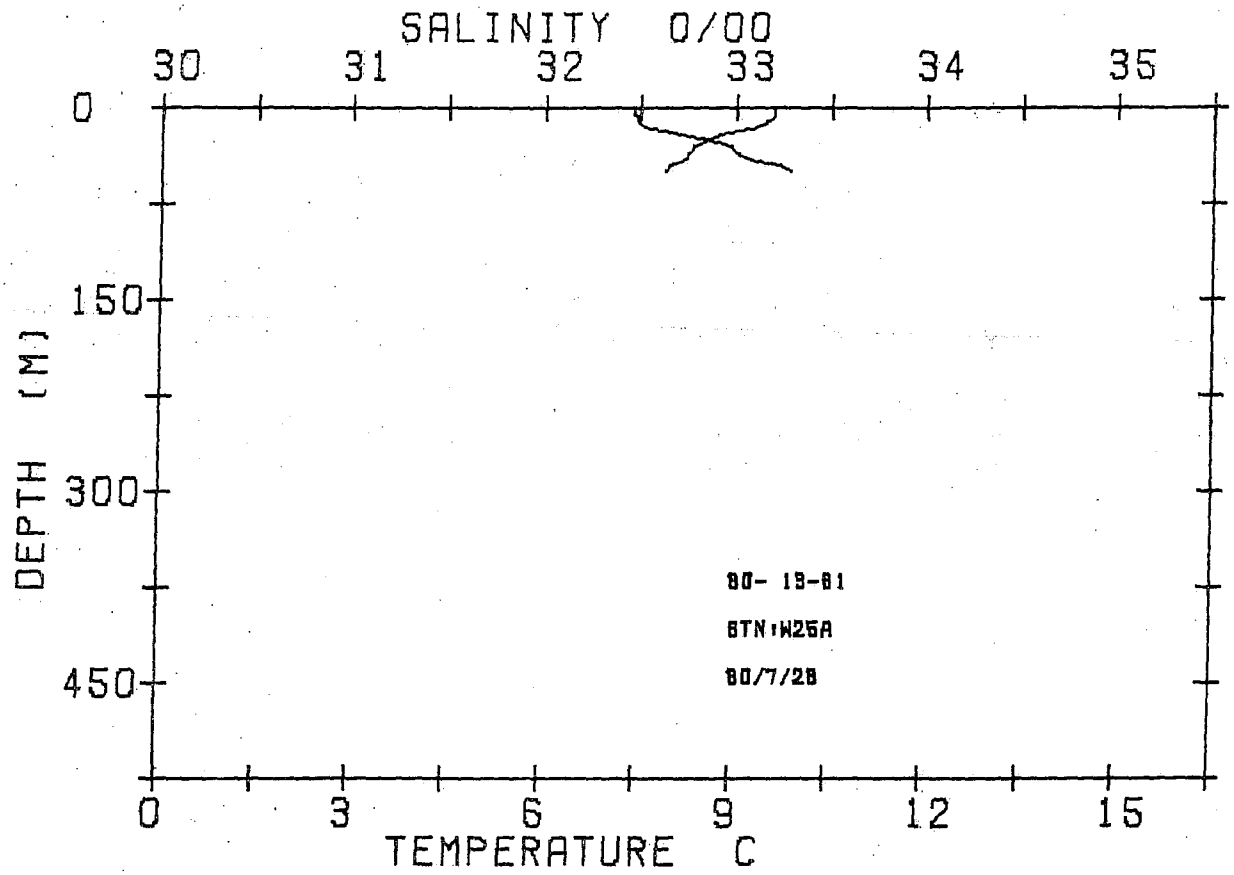

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-60
STN:HC25
80/7/28
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: WC25 CONS #060
LAT N 49 21.5 LONG W 126 44.5
DATE 80/07/28 TIME (PST) 1803

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.53	32.26	24.75	320.2	.00	.00	1488.8
10	10.47	32.25	24.75	320.4	.32	.02	1488.8
20	9.05	32.56	25.22	275.7	.63	.06	1484.1
30	8.43	32.80	25.51	248.5	.89	.13	1482.2
50	7.75	33.36	26.05	197.8	1.34	.31	1480.6
75	6.89	33.88	26.57	148.1	1.75	.56	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
76.0	6.89	33.87	26.57	148.6	1.76	.57	1478.4

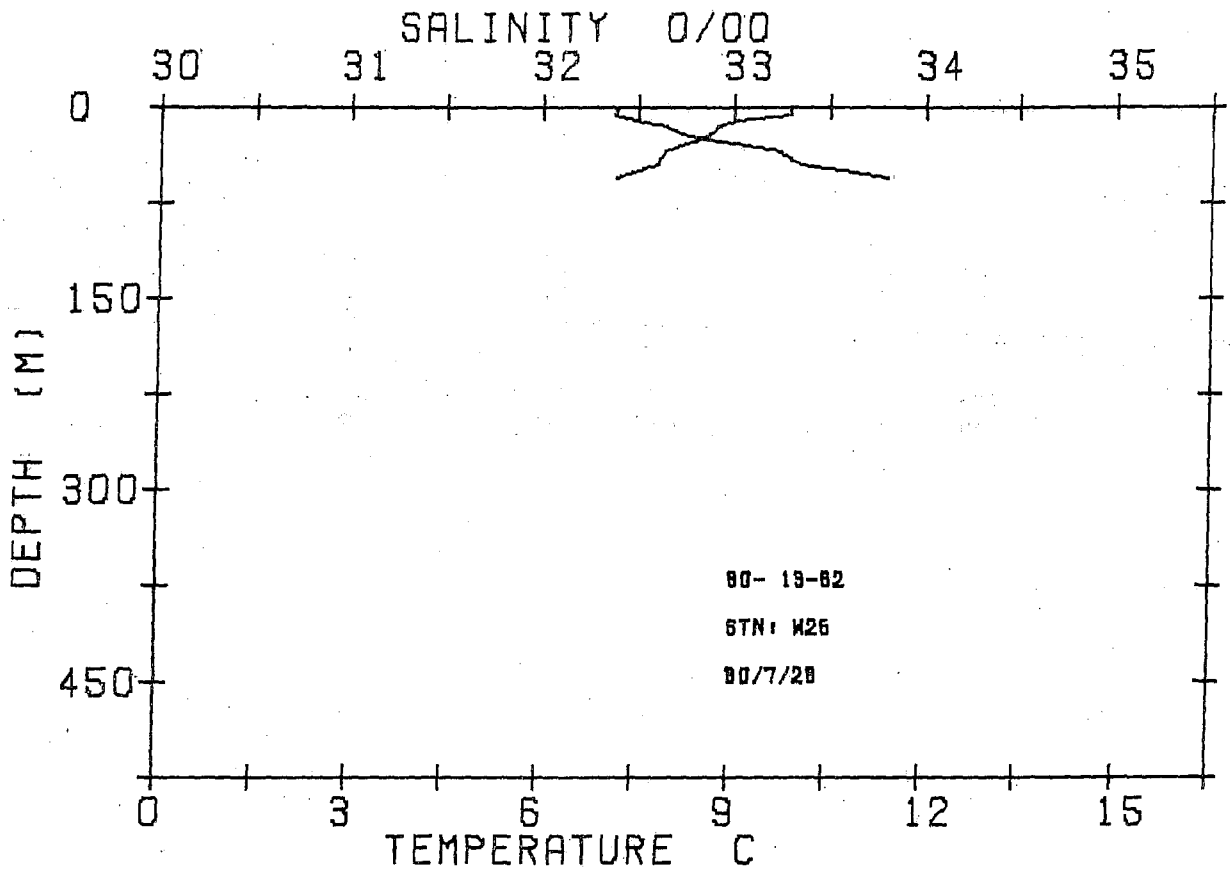

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 15-81
STN:W25A
80/7/28
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: W25A CONS #061
LAT N 49 23.0 LONG W 126 40.0
DATE 80/07/28 TIME (PST) 1924

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.58	32.46	25.07	290.2	.00	.00	1485.6
10	9.49	32.49	25.10	287.4	.29	.01	1485.4
20	8.76	32.71	25.39	260.0	.57	.06	1483.2
30	8.34	32.96	25.65	235.3	.81	.12	1482.1
50	7.89	33.28	25.96	206.1	1.26	.29	1481.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
50.0	7.89	33.28	25.96	206.1	1.26	.29	1481.1

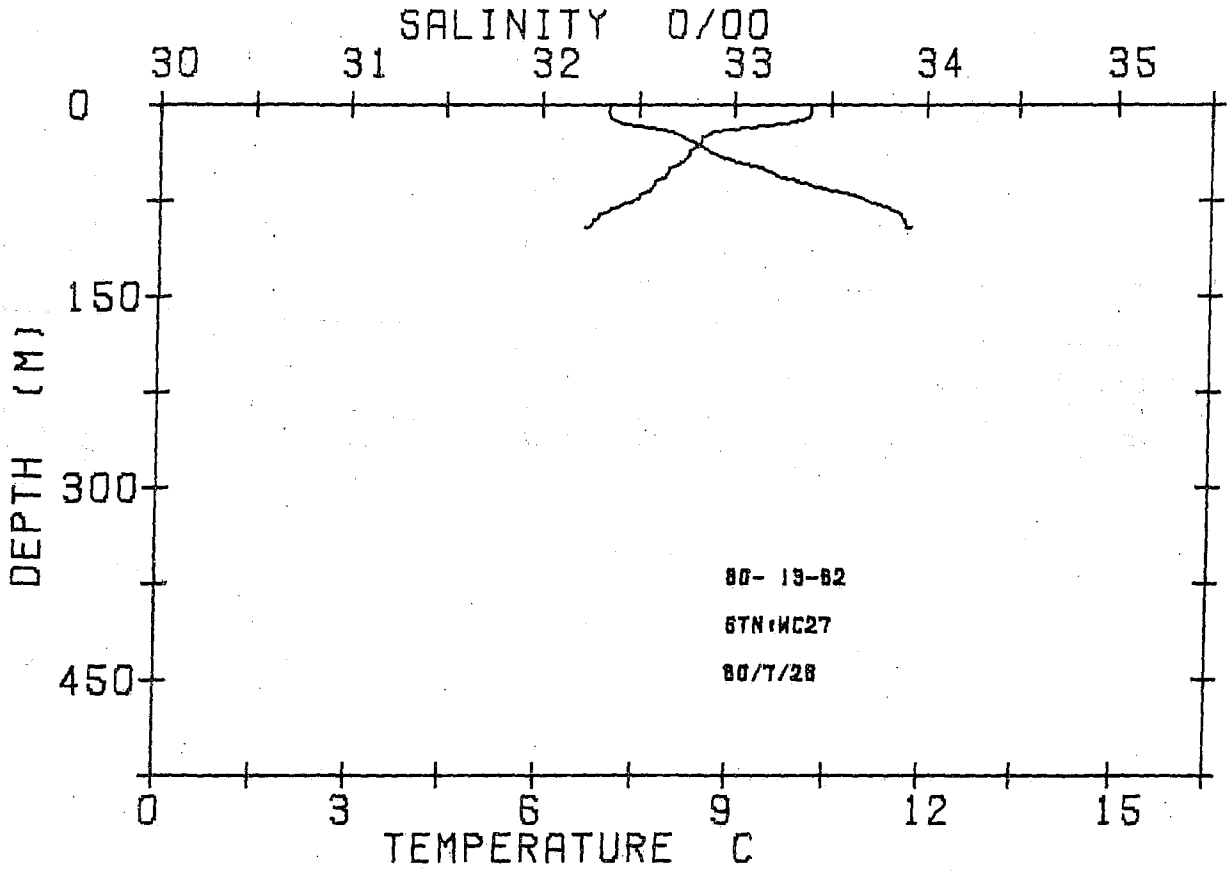

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-82
STN: W26
80/7/28
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: W26 CONS #062
LAT N 49 30.5 LONG W 126 51.5
DATE 80/07/28 TIME (PST) 2108

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.86	32.39	24.96	300.5	.00	.00	1486.5
10	9.00	32.48	25.17	280.4	.30	.01	1483.6
20	8.62	32.72	25.42	257.1	.56	.05	1482.6
30	8.13	33.07	25.76	224.4	.81	.11	1481.4
50	7.45	33.61	26.29	174.9	1.21	.28	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
55.1	7.13	33.80	26.48	156.9	1.30	.32	1478.9


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-82
STN:MC27
80/7/28
0
3
6
9
12
15
TEMPERATURE C

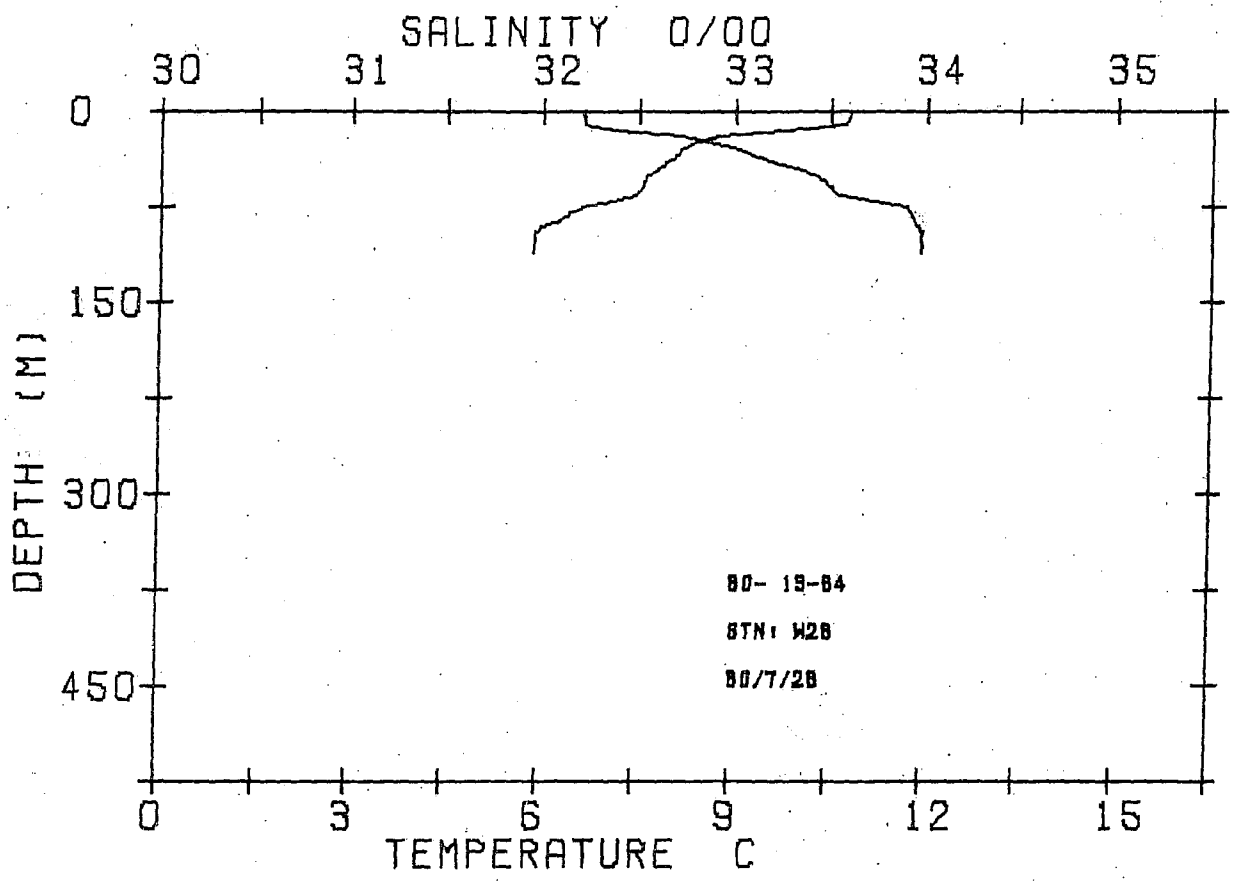
CRUISE : C.O.D.E. 80-13.
STATION: WC27 CONS #062
LAT N 49 36.0 LONG W 127 01.0
DATE 80/07/28 TIME (PST) 2108

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.16	32.35	24.88	308.0	.00	.00	1487.6
10	10.15	32.35	24.88	308.1	.31	.02	1487.7
20	8.73	32.66	25.35	263.4	.60	.06	1483.0
30	8.47	32.79	25.50	250.0	.86	.12	1482.3
50	7.99	33.15	25.85	216.8	1.33	.31	1481.3
75	7.40	33.69	26.35	169.2	1.81	.61	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
96.3	6.65	33.92	26.64	142.2	2.14	.89	1477.8

WIND MIXED LAYER DEPTH = 13.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-64
STN: W28
80/7/28
0
3
6
9
12
15
TEMPERATURE C

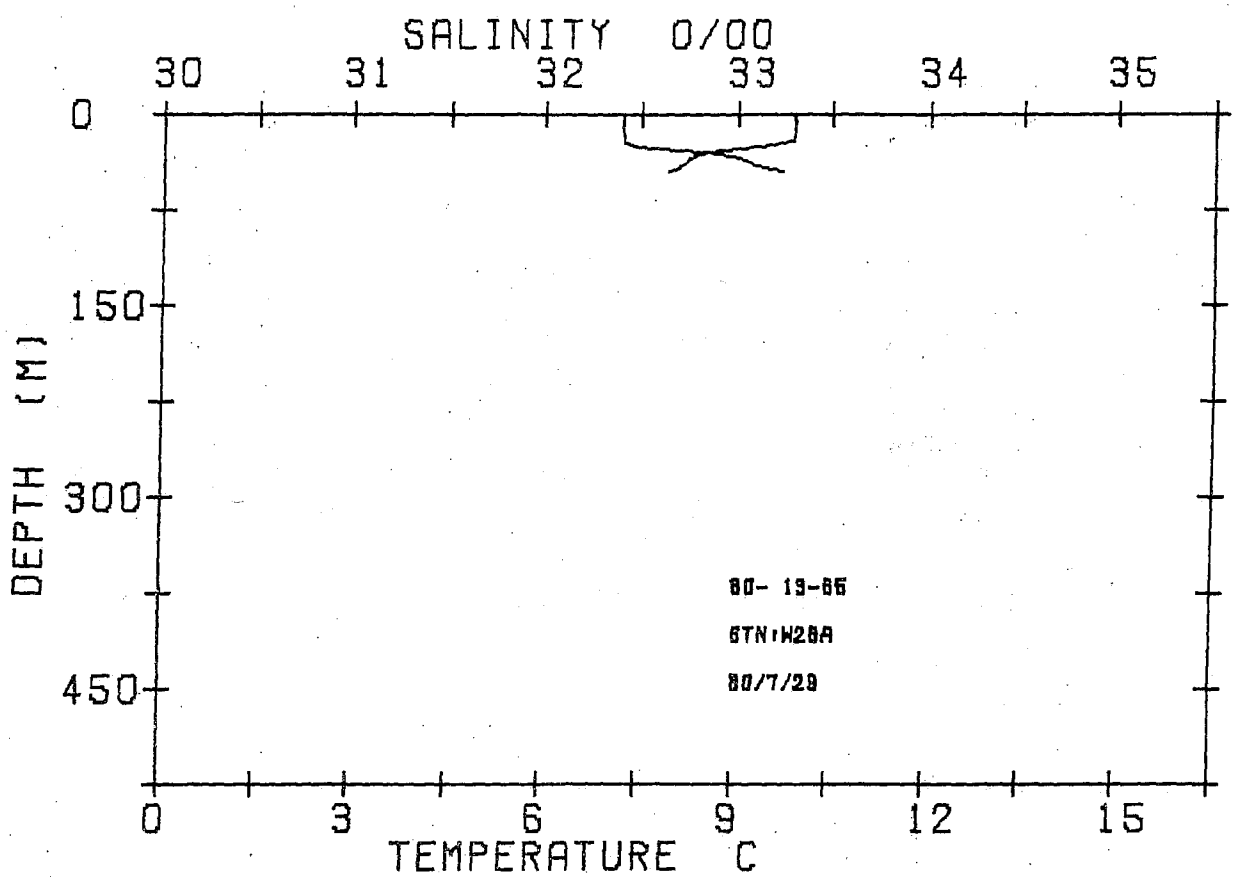
CRUISE : C.O.D.E. 80-13.
STATION: W28 CONS #064
LAT N 49 40.5 LONG W 127 11.0
DATE 80/07/28 TIME (PST) 2322

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.77	32.21	24.67	328.4	.00	.00	1489.6
10	10.72	32.22	24.69	326.6	.33	.02	1489.6
20	8.71	32.73	25.41	258.0	.63	.06	1483.0
30	8.17	33.02	25.72	229.0	.87	.12	1481.5
50	7.64	33.42	26.11	191.9	1.29	.29	1480.3
75	6.60	33.91	26.63	142.4	1.73	.56	1477.3
100	5.87	33.97	26.78	128.7	2.07	.85	1474.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
110.5	5.86	33.97	26.78	128.6	2.20	1.00	1475.0

WIND MIXED LAYER DEPTH = 10.4 METRES

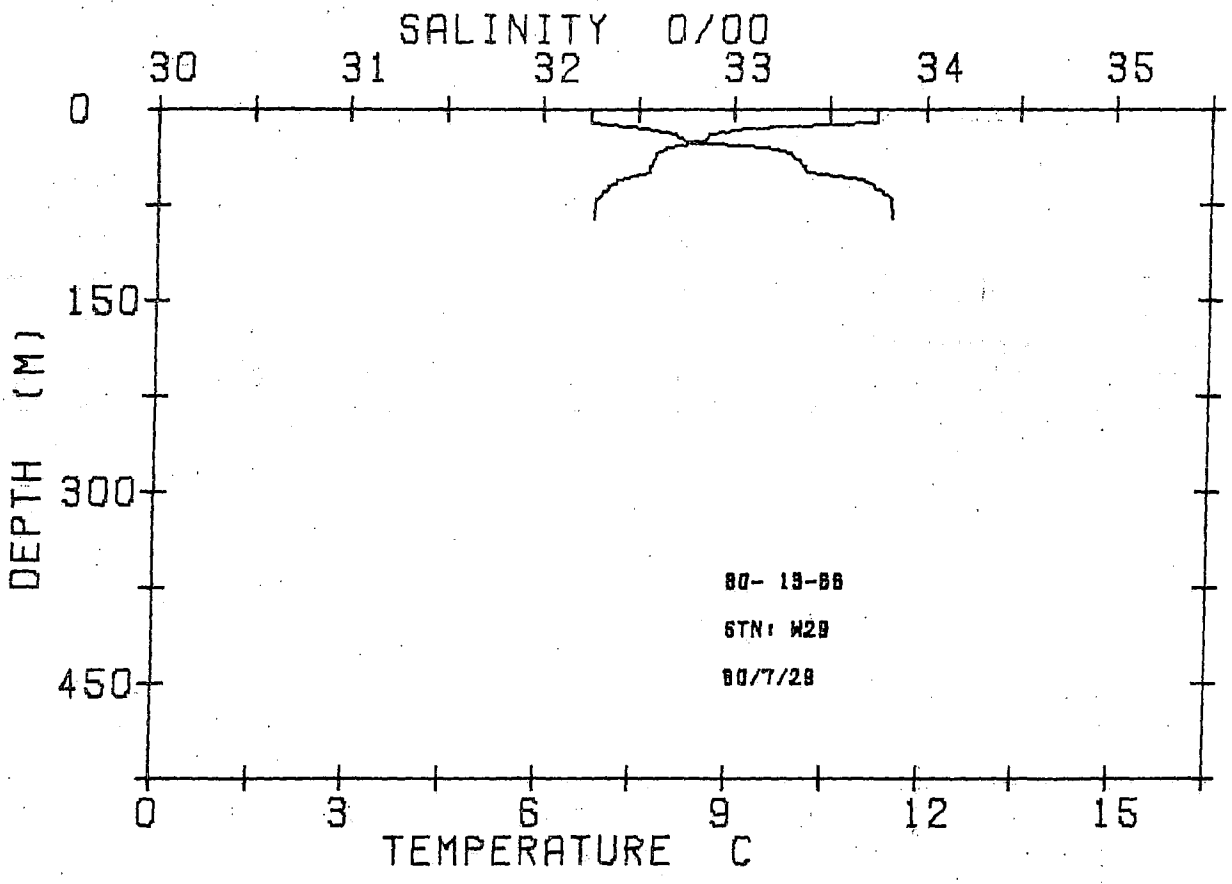

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-66
STN:W28A
80/7/29
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: W28A CONS #065
LAT N 49 48.5 LONG W 127 15.0
DATE 80/07/29 TIME (PST) 0032

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.91	32.40	24.97	300.0	.00	.00	1486.8
10	9.91	32.40	24.96	300.4	.30	.02	1486.9
20	9.87	32.41	24.98	299.0	.60	.06	1486.9
30	8.51	32.83	25.52	247.9	.88	.13	1482.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
45.1	7.91	33.24	25.93	208.6	1.22	.26	1481.0


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-86
STN: W29
80/7/29
0
3
6
9
12
15
TEMPERATURE C

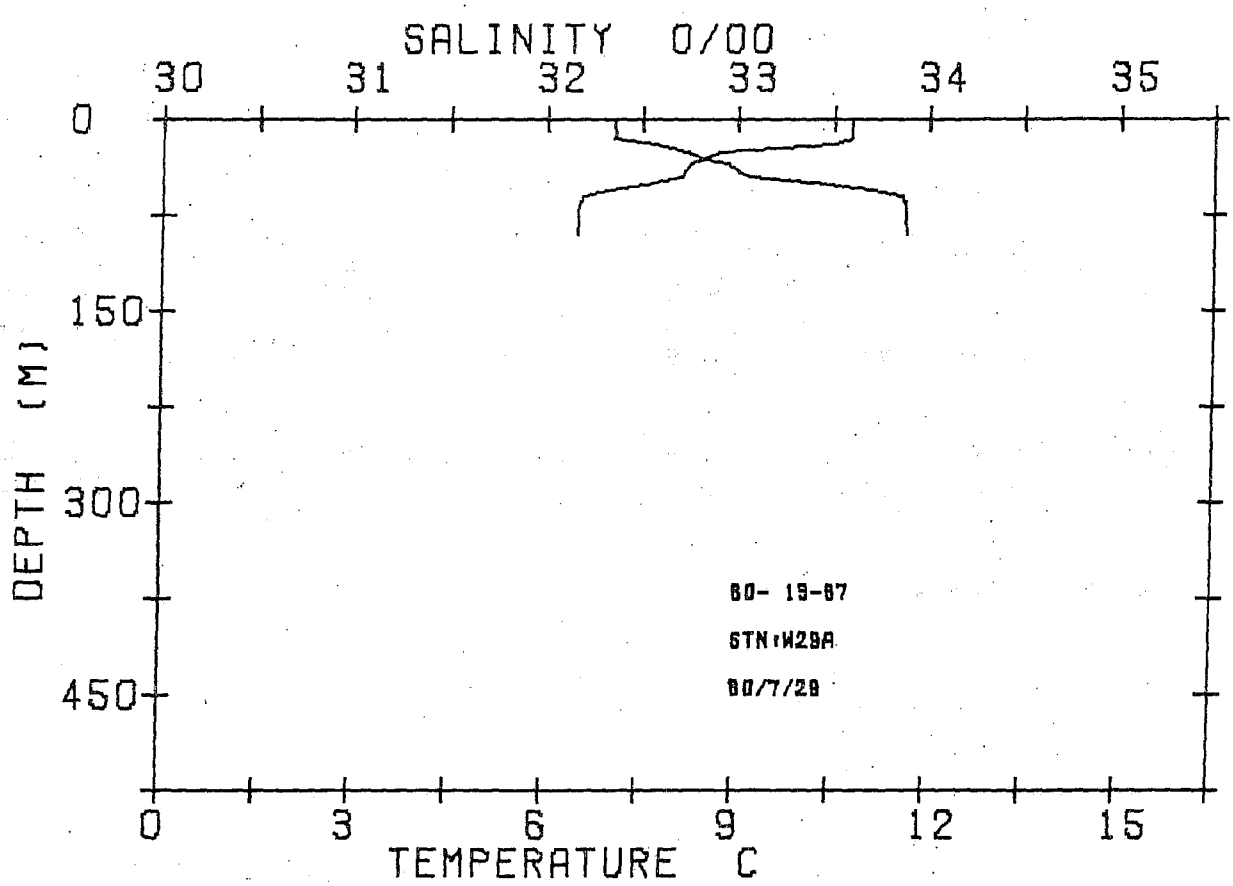
CRUISE : C.O.D.E. 80-13.
STATION: W29 CONS #066
LAT N 49 46.0 LONG W 127 20.0
DATE 80/07/29 TIME (PST) 0110

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.23	32.25	24.62	332.7	.00	.00	1491.3
10	11.23	32.25	24.62	332.7	.33	.02	1491.5
20	8.62	32.70	25.40	258.7	.62	.06	1482.6
30	7.98	33.17	25.86	215.2	.87	.12	1480.9
50	7.68	33.39	26.08	194.7	1.27	.28	1480.4
75	6.83	33.82	26.54	151.5	1.67	.53	1478.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
85.1	6.82	33.83	26.54	151.1	1.83	.65	1478.2

WIND MIXED LAYER DEPTH = 10.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-87
STN:W29A
80/7/29
0
3
6
9
12
15
TEMPERATURE C

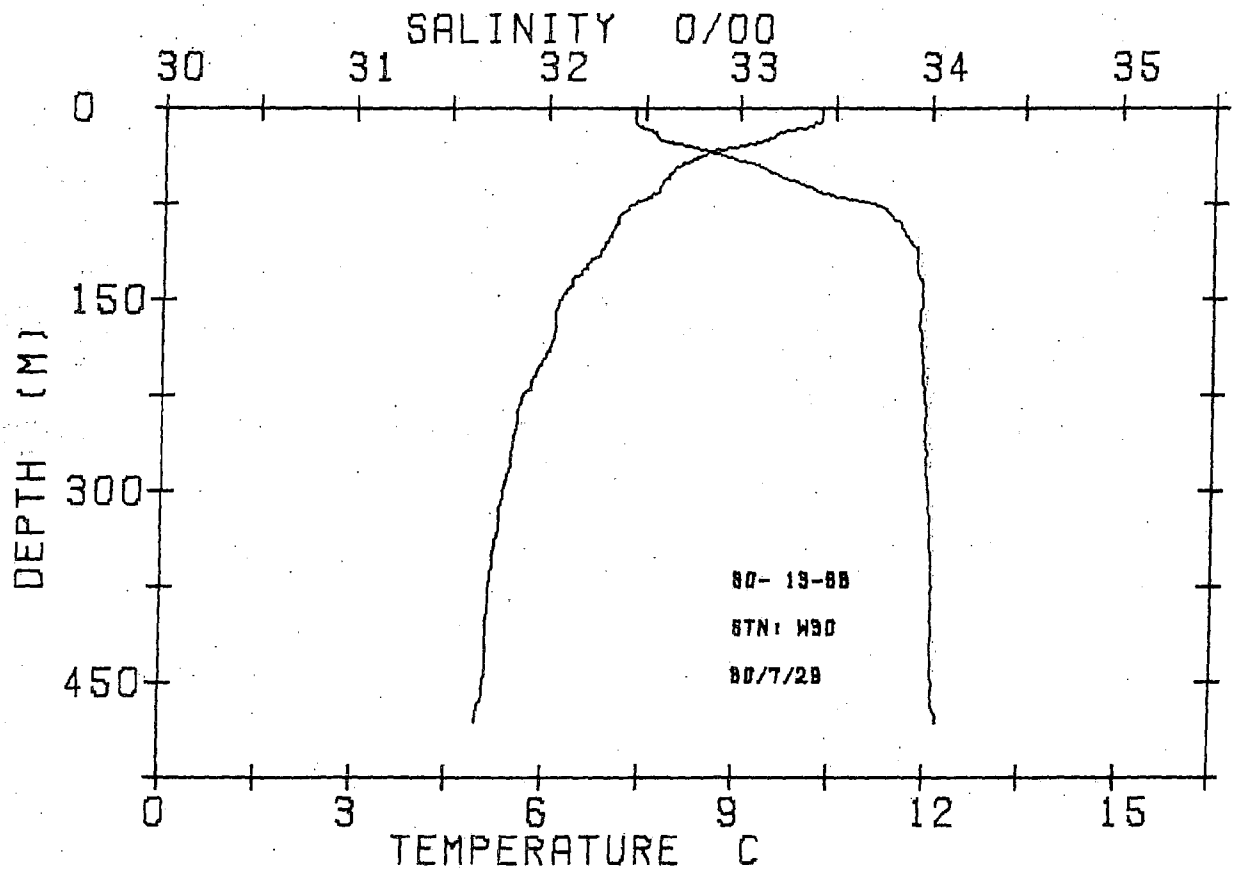
CRUISE : C.O.D.E. 80-13.
STATION: W29A CONS #067
LAT N 49 43.3 LONG W 127 24.5
DATE 80/07/29 TIME (PST) 0155

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.78	32.36	24.78	317.4	.00	.00	1489.8
10	10.78	32.36	24.78	317.7	.32	.02	1490.0
20	10.51	32.57	24.99	297.6	.63	.06	1489.5
30	8.50	32.79	25.49	250.7	.90	.13	1482.4
50	7.68	33.38	26.07	195.8	1.35	.31	1480.4
75	6.48	33.88	26.63	142.7	1.74	.55	1476.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
90.0	6.47	33.89	26.64	142.4	1.95	.72	1477.0

WIND MIXED LAYER DEPTH = 19.4 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-88
STN: W90
80/7/29
0
3
6
9
12
15
TEMPERATURE C

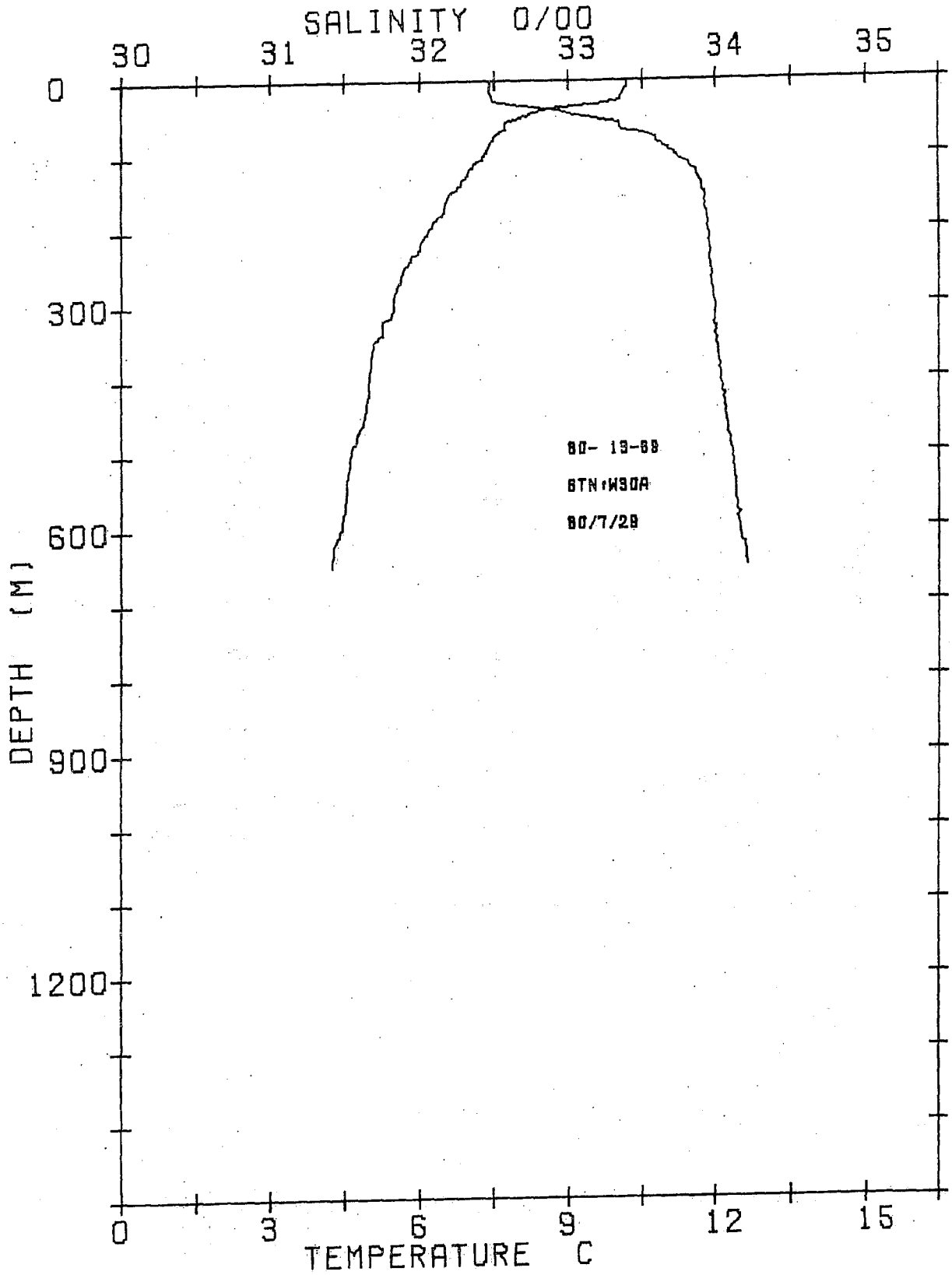
CRUISE : C.O.D.E. 80-13.
STATION: W30 CONS #068
LAT N 49 40.5 LONG W 127 29.0
DATE 80/07/29 TIME (PST) 0246

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.29	32.44	24.93	303.4	.00	.00	1488.2
10	10.26	32.44	24.94	303.0	.30	.02	1488.2
20	9.64	32.55	25.13	285.1	.60	.06	1486.2
30	9.11	32.71	25.34	265.3	.88	.13	1484.6
50	7.96	33.15	25.85	216.4	1.35	.32	1481.2
75	7.36	33.70	26.37	167.8	1.84	.62	1480.0
100	7.00	33.88	26.56	149.6	2.23	.96	1479.2
125	6.60	33.93	26.66	140.9	2.59	1.37	1478.1
150	6.26	33.96	26.72	135.2	2.94	1.84	1477.2
175	6.15	33.95	26.73	134.3	3.27	2.38	1477.1
200	5.96	33.97	26.77	131.2	3.60	3.01	1476.8
225	5.68	33.98	26.81	127.1	3.93	3.70	1476.1
250	5.57	33.98	26.82	126.3	4.24	4.45	1476.0
300	5.37	34.01	26.87	122.3	4.87	6.16	1476.1
400	5.13	34.03	26.92	119.0	6.07	10.36	1476.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
480.8	4.98	34.07	26.96	115.3	7.02	14.56	1477.5

WIND MIXED LAYER DEPTH = 12.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-68
STN:W30A
80/7/28
0
3
6
9
12
15
TEMPERATURE C

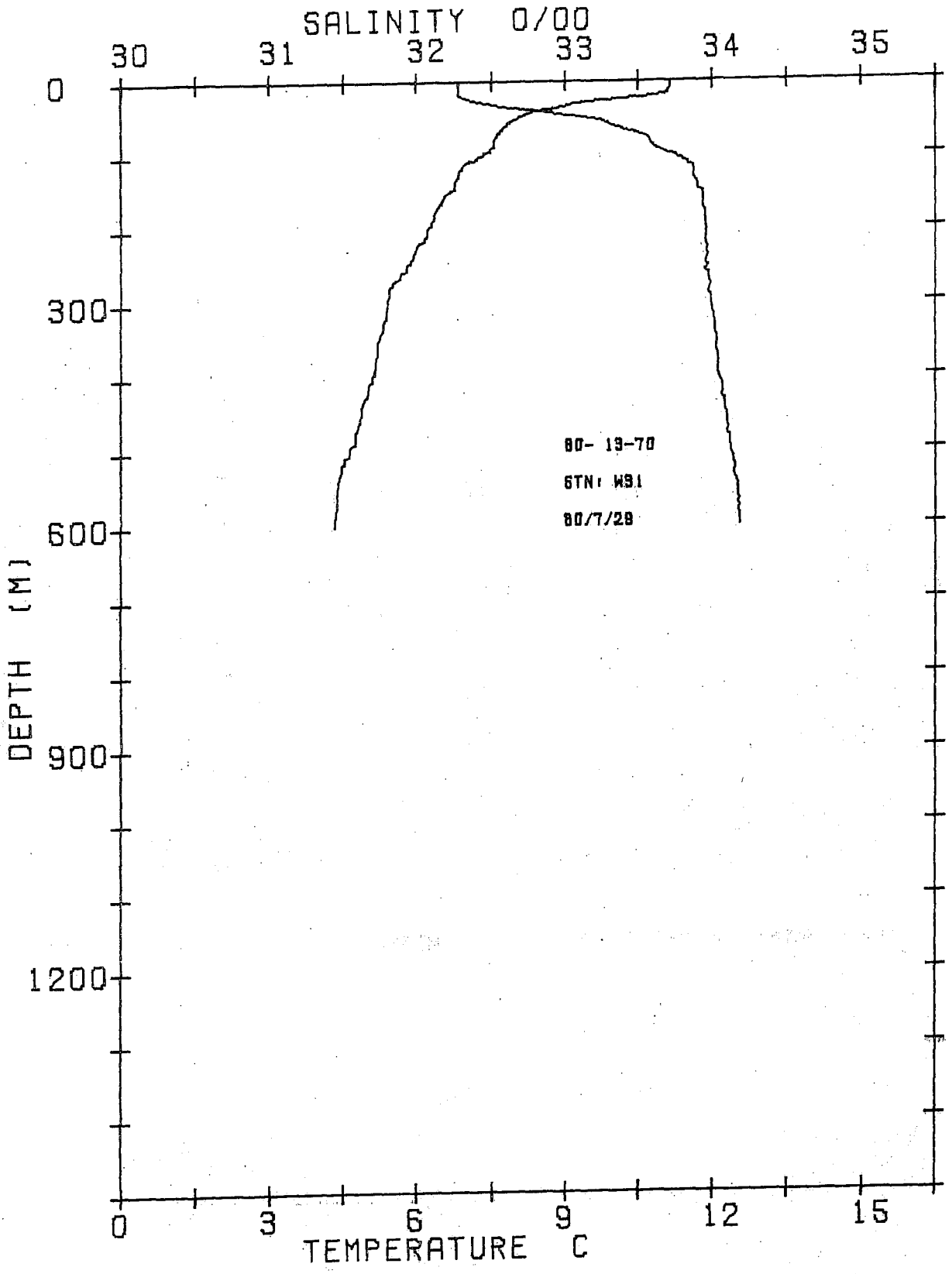
CRUISE : C.O.D.E. 80-13.
STATION: W30A CONS #069
LAT N 49 37.5 LONG W 127 33.5
DATE 80/07/29 TIME (PST) 0358

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.18	32.47	24.97	299.4	.00	.00	1487.8
10	10.17	32.46	24.97	299.7	.30	.02	1487.9
20	10.09	32.48	25.00	297.3	.60	.06	1487.8
30	9.82	32.53	25.08	289.6	.89	.13	1487.0
50	8.04	33.18	25.86	215.3	1.38	.33	1481.5
75	7.51	33.59	26.26	178.0	1.87	.63	1480.4
100	7.28	33.73	26.41	164.6	2.30	1.01	1480.1
125	6.95	33.87	26.56	150.0	2.69	1.45	1479.4
150	6.64	33.92	26.64	143.1	3.06	1.95	1478.6
175	6.47	33.94	26.68	139.8	3.41	2.52	1478.4
200	6.19	33.95	26.72	135.6	3.76	3.17	1477.7
225	5.99	33.96	26.75	132.9	4.09	3.88	1477.3
250	5.71	33.97	26.80	128.9	4.42	4.65	1476.6
300	5.49	34.01	26.85	124.0	5.05	6.39	1476.6
400	5.00	34.04	26.94	116.5	6.25	10.58	1476.3
500	4.64	34.12	27.04	108.0	7.38	15.65	1476.5
600	4.47	34.17	27.10	103.0	8.43	21.45	1477.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
650.0	4.26	34.22	27.16	97.3	8.93	24.55	1477.5

WIND MIXED LAYER DEPTH = 24.7 METRES


SALINITY O/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-70
STN: WS1
80/7/28
0
3
6
9
12
15
TEMPERATURE C

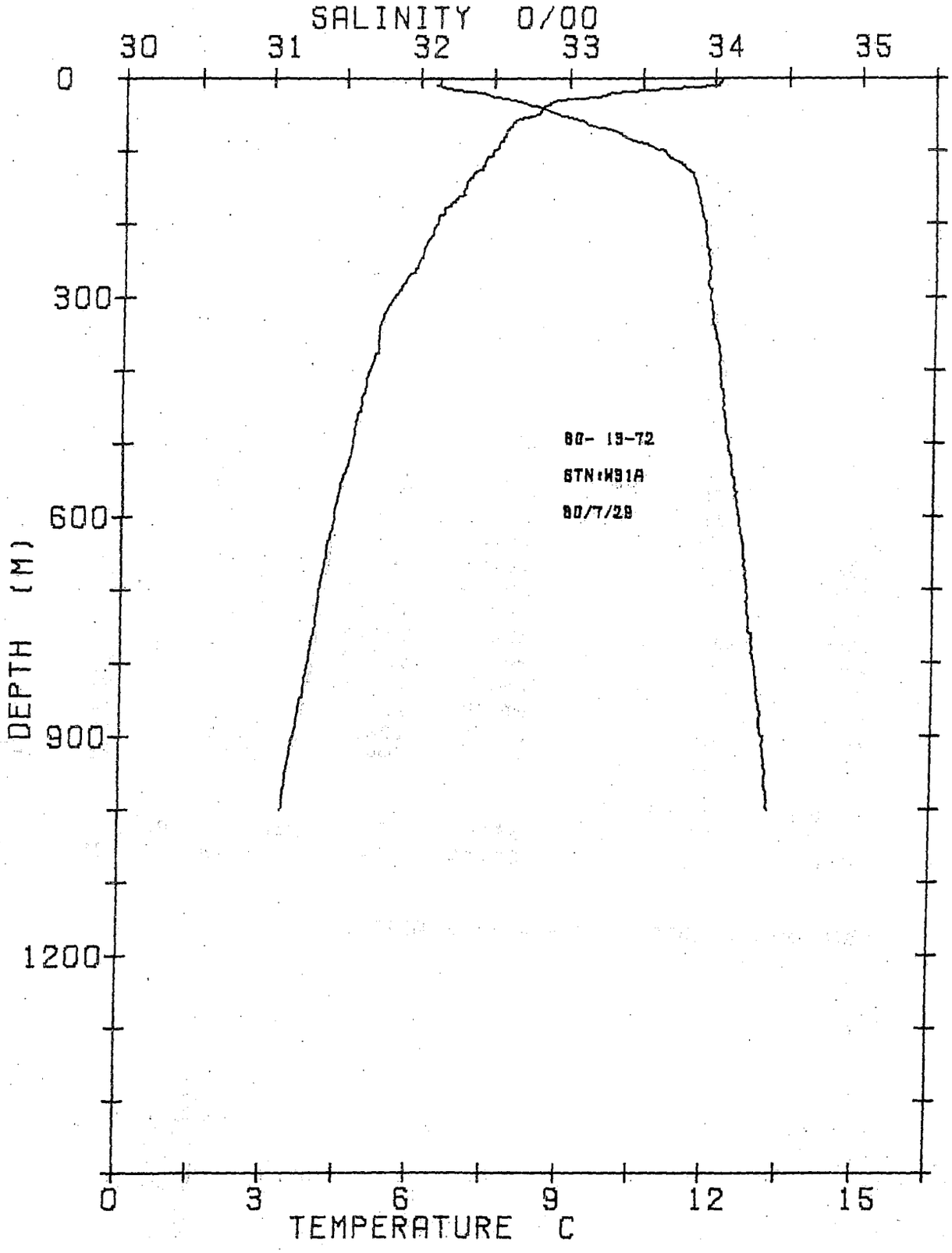
CRUISE : C.O.D.E. 80-13.
STATION: W31 CONS #070
LAT N 49 34.5 LONG W 127 38.0
DATE 80/07/29 TIME (PST) 0500

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.13	32.28	24.66	329.0	.00	.00	1491.0
10	11.14	32.28	24.66	329.2	.33	.02	1491.2
20	10.89	32.29	24.71	324.9	.66	.07	1490.5
30	9.21	32.46	25.13	285.3	.96	.14	1484.7
50	8.01	33.19	25.88	213.8	1.46	.34	1481.4
75	7.58	33.57	26.23	180.7	1.95	.64	1480.7
100	7.33	33.75	26.41	164.2	2.39	1.03	1480.3
125	6.85	33.87	26.57	149.1	2.77	1.46	1479.0
150	6.65	33.93	26.65	142.1	3.14	1.96	1478.7
175	6.40	33.95	26.69	138.3	3.49	2.53	1478.2
200	6.25	33.96	26.72	135.7	3.83	3.17	1477.9
225	6.01	33.97	26.76	132.5	4.17	3.89	1477.4
250	5.82	33.97	26.78	130.3	4.50	4.67	1477.1
300	5.44	33.99	26.85	124.6	5.13	6.42	1476.4
400	5.12	34.05	26.94	117.2	6.34	10.63	1476.8
500	4.65	34.13	27.05	106.8	7.46	15.66	1476.6
600	4.31	34.19	27.14	99.2	8.48	21.25	1476.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
600.1	4.31	34.19	27.14	99.2	8.48	21.25	1476.9

WIND MIXED LAYER DEPTH = 15.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-72
STN:W91A
80/7/29
0
3
6
9
12
15
TEMPERATURE C

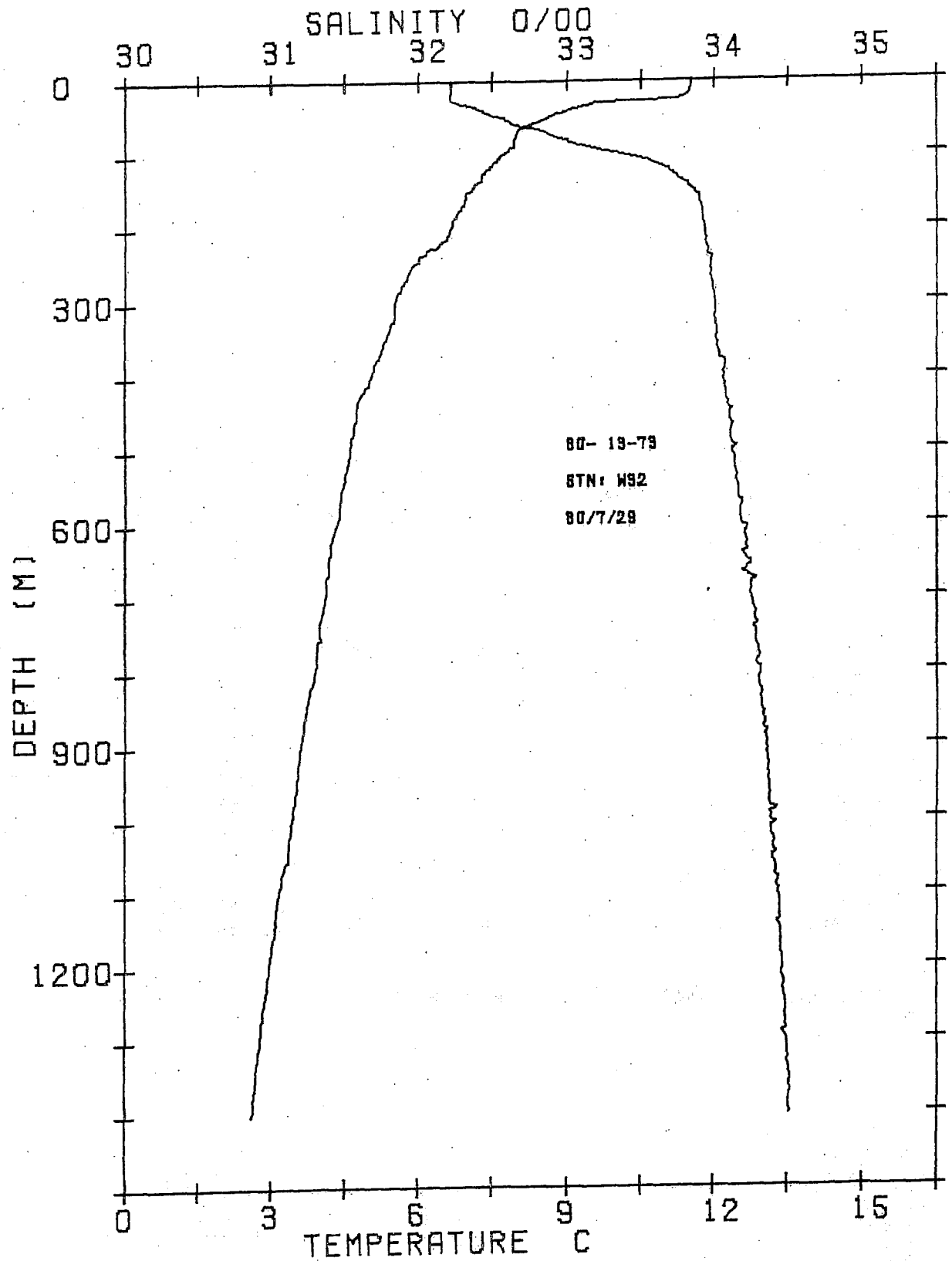
CRUISE : C.O.D.E. 80-13.
STATION: W31A CONS #072
LAT N 49 31.7 LONG W 127 42.3
DATE 80/07/29 TIME (PST) 0619

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.13	32.13	24.36	357.6	.00	.00	1494.3
10	12.07	32.11	24.36	358.1	.36	.02	1494.2
20	9.92	32.42	24.98	298.9	.68	.07	1487.1
30	8.78	32.64	25.33	265.7	.97	.14	1483.3
50	8.39	32.93	25.62	238.8	1.47	.34	1482.5
75	7.75	33.35	26.04	198.8	2.01	.67	1481.1
100	7.49	33.66	26.32	172.6	2.48	1.08	1480.8
125	7.26	33.82	26.47	158.4	2.90	1.55	1480.6
150	6.95	33.89	26.57	149.2	3.28	2.07	1479.8
175	6.62	33.92	26.64	143.3	3.64	2.67	1479.0
200	6.40	33.95	26.70	138.2	3.99	3.32	1478.5
225	6.18	33.96	26.74	134.7	4.34	4.05	1478.1
250	6.03	33.98	26.77	131.7	4.67	4.84	1477.9
300	5.53	33.99	26.84	125.4	5.31	6.61	1476.7
400	5.05	34.06	26.95	115.9	6.51	10.80	1476.5
500	4.71	34.12	27.04	108.4	7.63	15.84	1476.8
600	4.35	34.20	27.13	99.6	8.67	21.54	1477.1
800	3.85	34.31	27.28	87.0	10.53	34.54	1478.4
1000	3.34	34.42	27.41	74.9	12.14	48.98	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.34	34.42	27.41	74.9	12.14	48.98	1479.7

WIND MIXED LAYER DEPTH = 8.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-79
STN: W92
80/7/29
0
3
6
9
12
15
TEMPERATURE C

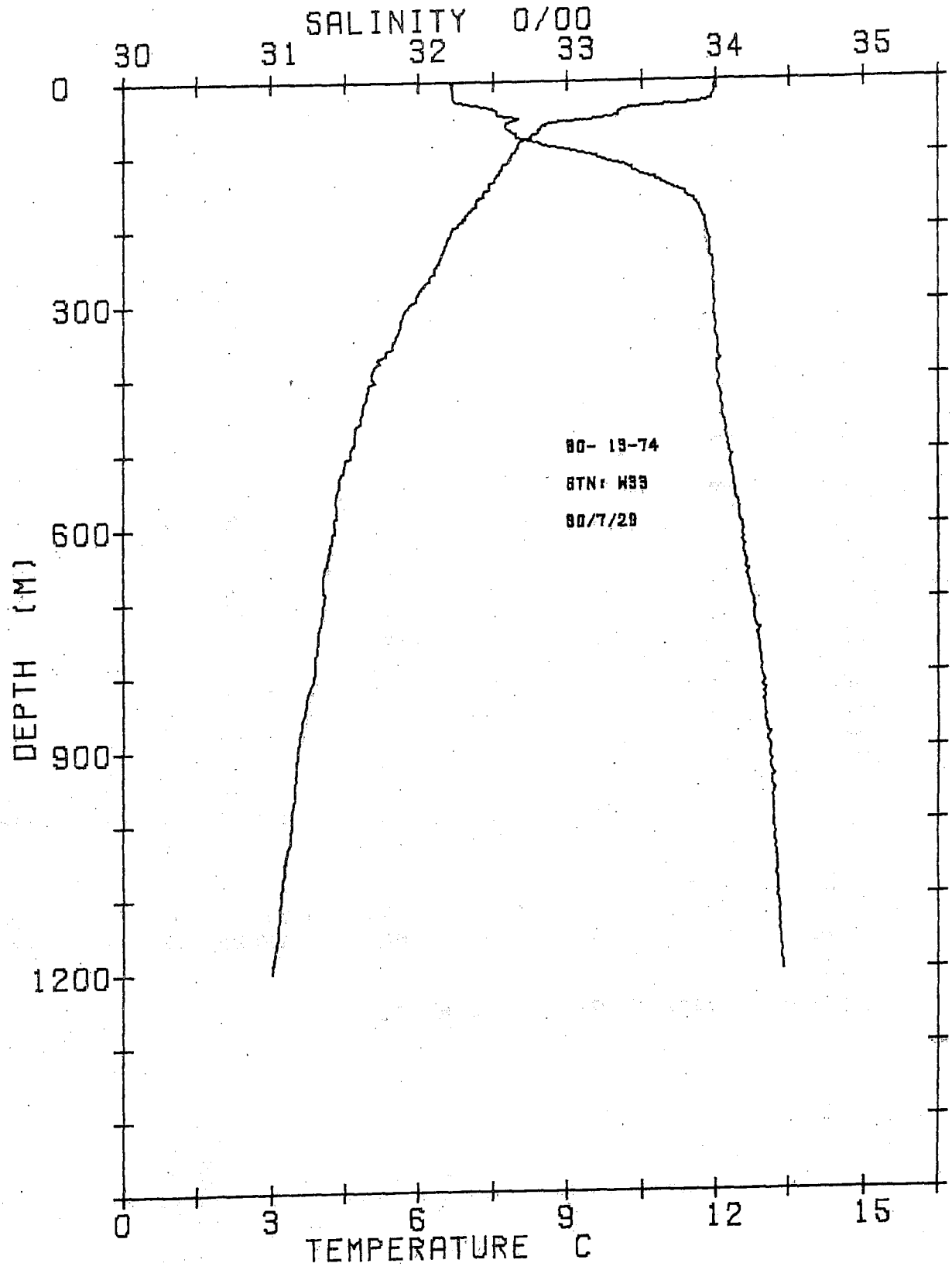
CRUISE : C.O.D.E. 80-13.
STATION: W32 CONS #073
LAT N 49 29.0 LONG W 127 46.5
DATE 80/07/29 TIME (PST) 0731

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.51	32.22	24.55	339.5	.00	.00	1492.3
10	11.53	32.22	24.54	340.2	.34	.02	1492.5
20	11.47	32.21	24.55	340.3	.68	.07	1492.4
30	9.63	32.27	24.91	306.1	1.01	.15	1486.0
50	8.65	32.58	25.30	268.7	1.58	.38	1483.1
75	7.99	32.91	25.66	235.0	2.21	.77	1481.4
100	7.74	33.38	26.06	197.3	2.76	1.24	1481.4
125	7.35	33.71	26.38	167.3	3.20	1.75	1480.8
150	7.09	33.86	26.53	153.2	3.60	2.30	1480.3
175	6.87	33.92	26.61	146.1	3.98	2.90	1480.0
200	6.69	33.94	26.65	143.0	4.34	3.58	1479.7
225	6.42	33.95	26.69	139.1	4.69	4.33	1479.0
250	5.90	33.98	26.79	130.2	5.03	5.12	1477.4
300	5.53	34.01	26.86	123.9	5.66	6.88	1476.8
400	5.04	34.07	26.96	114.6	6.87	11.10	1476.5
500	4.62	34.13	27.06	106.3	7.97	16.04	1476.4
600	4.36	34.19	27.13	100.1	9.00	21.70	1477.1
800	3.91	34.32	27.28	87.3	10.86	34.65	1478.7
1000	3.45	34.39	27.38	78.3	12.50	49.38	1480.1
1200	2.98	34.47	27.49	68.1	13.95	65.28	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1401.1	2.62	34.51	27.55	62.1	15.25	82.19	1483.3

WIND MIXED LAYER DEPTH = 22.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-74
STN: W33
80/7/29
0
3
6
9
12
15
TEMPERATURE C

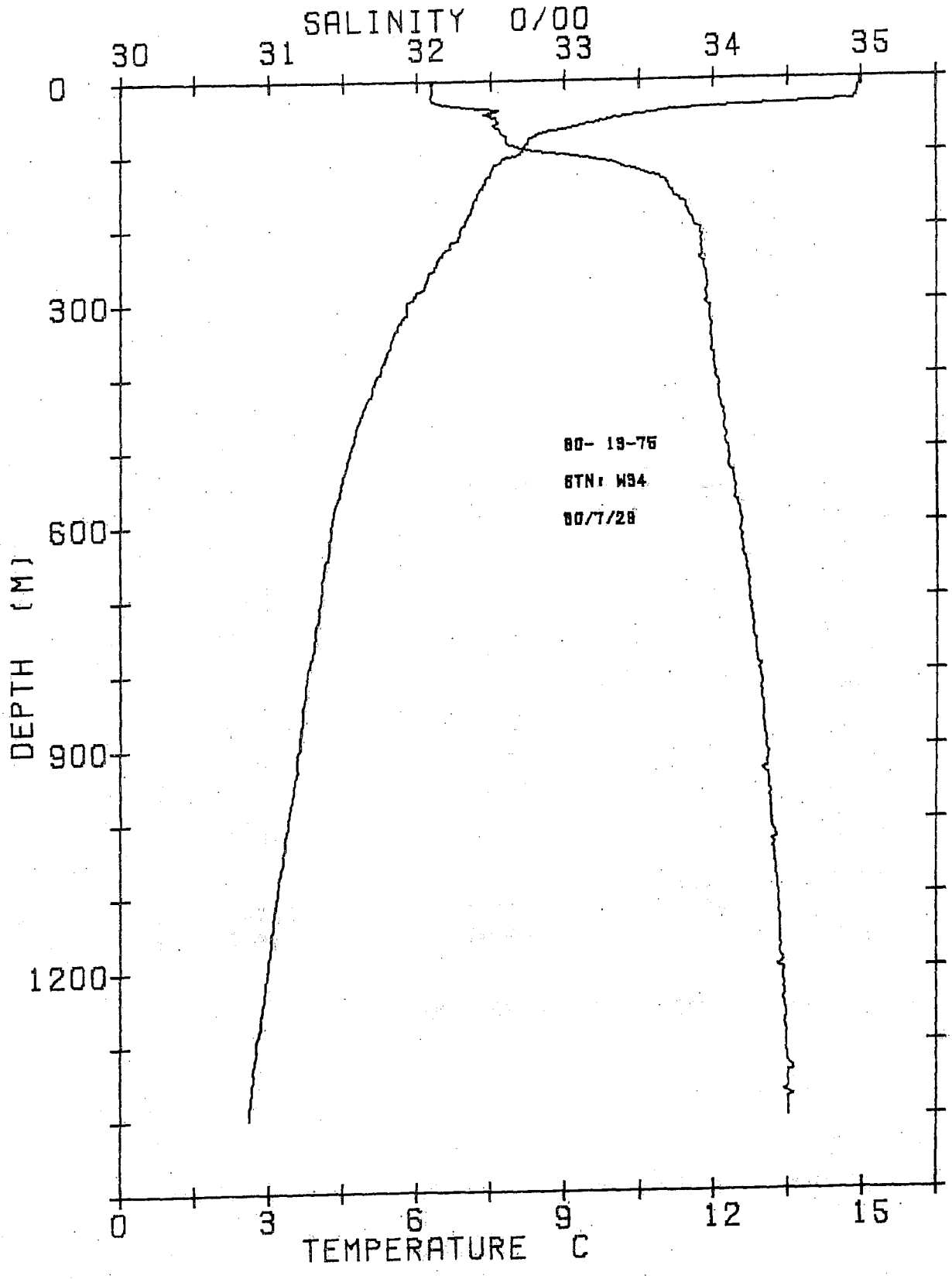
CRUISE : C.O.D.E. 80-13.
STATION: W33 CONS #074
LAT N 49 23.5 LONG W 127 55.0
DATE 80/07/29 TIME (PST) 0953

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.02	32.21	24.45	349.2	.00	.00	1494.0
10	11.95	32.23	24.47	347.2	.35	.02	1494.0
20	11.93	32.23	24.48	346.9	.70	.07	1494.1
30	11.64	32.32	24.60	335.2	1.04	.16	1493.3
50	9.72	32.66	25.19	279.2	1.64	.39	1487.2
75	8.29	32.66	25.42	257.9	2.30	.81	1482.2
100	7.88	33.20	25.90	212.5	2.89	1.32	1481.7
125	7.62	33.49	26.17	187.6	3.39	1.88	1481.5
150	7.31	33.78	26.44	162.0	3.82	2.47	1481.1
175	7.07	33.89	26.56	151.3	4.21	3.11	1480.7
200	6.71	33.93	26.64	143.6	4.58	3.80	1479.7
225	6.54	33.95	26.68	140.2	4.93	4.55	1479.5
250	6.37	33.97	26.72	136.7	5.28	5.37	1479.3
300	5.85	33.99	26.80	129.6	5.95	7.20	1478.0
400	5.05	34.02	26.91	119.1	7.19	11.55	1476.4
500	4.60	34.09	27.02	109.6	8.34	16.70	1476.3
600	4.28	34.18	27.13	100.2	9.38	22.43	1476.7
800	3.88	34.32	27.28	86.8	11.24	35.42	1478.5
1000	3.42	34.40	27.39	76.9	12.85	49.88	1480.0
1200	3.02	34.47	27.48	68.9	14.31	65.87	1481.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1200.0	3.02	34.47	27.48	68.9	14.31	65.87	1481.7

WIND MIXED LAYER DEPTH = 23.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-75
STN: W34
80/7/28
0
3
6
9
12
15
TEMPERATURE C

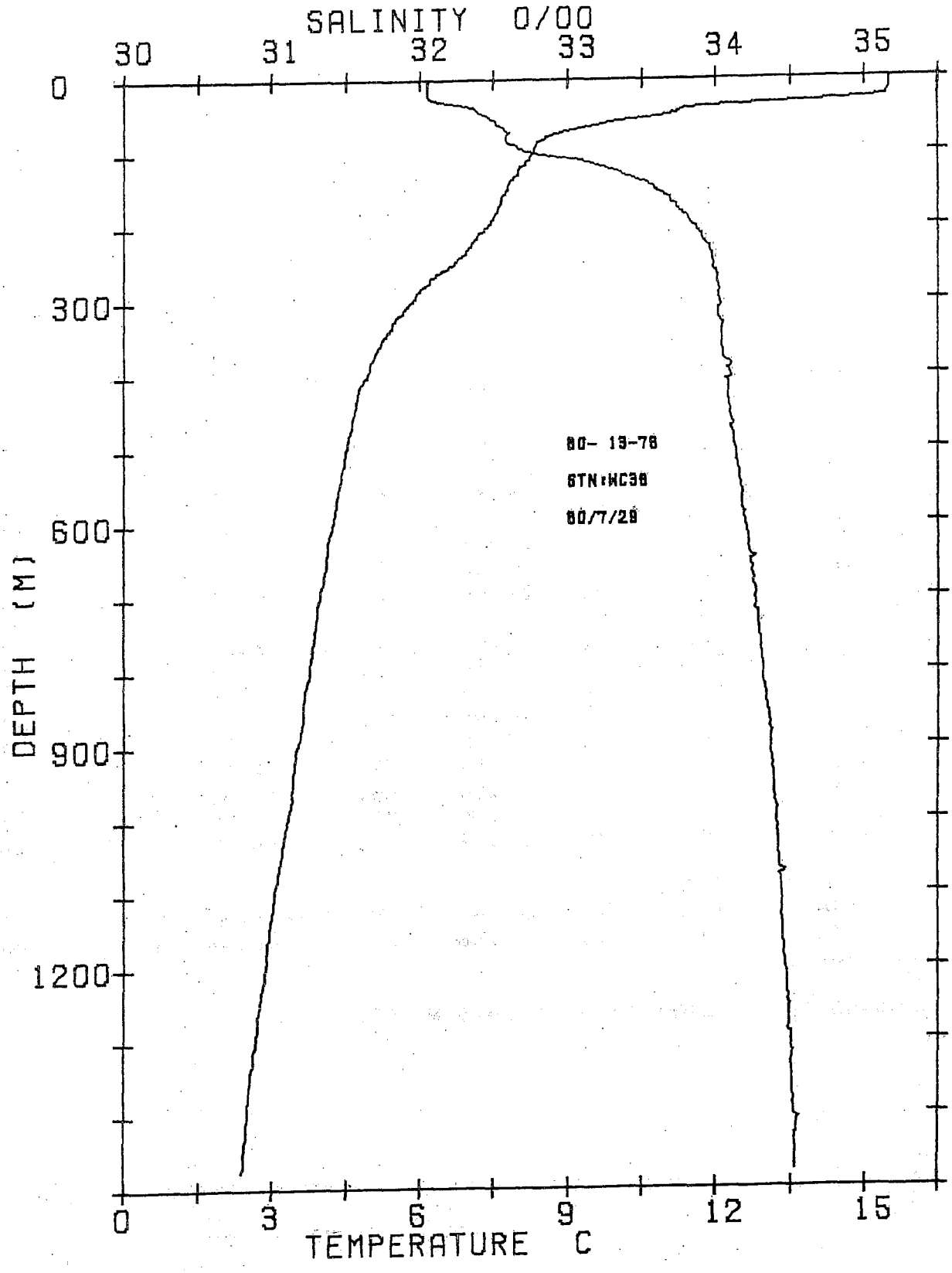
CRUISE : C.O.D.E. 80-13.
STATION: W34 CONS #075
LAT N 49 18.0 LONG W 128 04.0
DATE 80/07/29 TIME (PST) 1147

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.97	32.10	23.77	414.1	.00	.00	1503.7
10	14.96	32.10	23.77	414.3	.41	.02	1503.9
20	14.93	32.09	23.77	414.1	.83	.08	1503.9
30	14.85	32.12	23.81	410.5	1.24	.19	1503.9
50	10.08	32.53	25.04	294.2	1.90	.45	1488.3
75	8.39	32.60	25.36	264.0	2.60	.88	1482.5
100	8.11	32.98	25.70	232.1	3.24	1.44	1482.3
125	7.49	33.55	26.23	181.6	3.74	2.00	1481.1
150	7.26	33.72	26.40	165.8	4.17	2.59	1480.8
175	7.10	33.82	26.50	156.8	4.57	3.24	1480.8
200	6.89	33.91	26.60	147.6	4.95	3.96	1480.4
225	6.65	33.91	26.63	144.7	5.32	4.74	1479.9
250	6.38	33.93	26.68	140.2	5.68	5.58	1479.3
300	5.81	33.94	26.77	132.6	6.36	7.45	1477.8
400	5.20	34.01	26.90	121.1	7.62	11.86	1477.1
500	4.66	34.10	27.02	109.4	8.76	17.00	1476.6
600	4.27	34.19	27.14	99.4	9.81	22.73	1476.7
800	3.79	34.32	27.29	85.9	11.67	35.71	1478.1
1000	3.39	34.40	27.39	77.0	13.30	50.35	1479.8
1200	2.97	34.46	27.49	68.6	14.75	66.27	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1400.0	2.60	34.51	27.56	61.8	16.04	83.08	1483.2

WIND MIXED LAYER DEPTH = 28.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-76
6TN:HC36
80/7/29
0
3
6
9
12
15
TEMPERATURE C

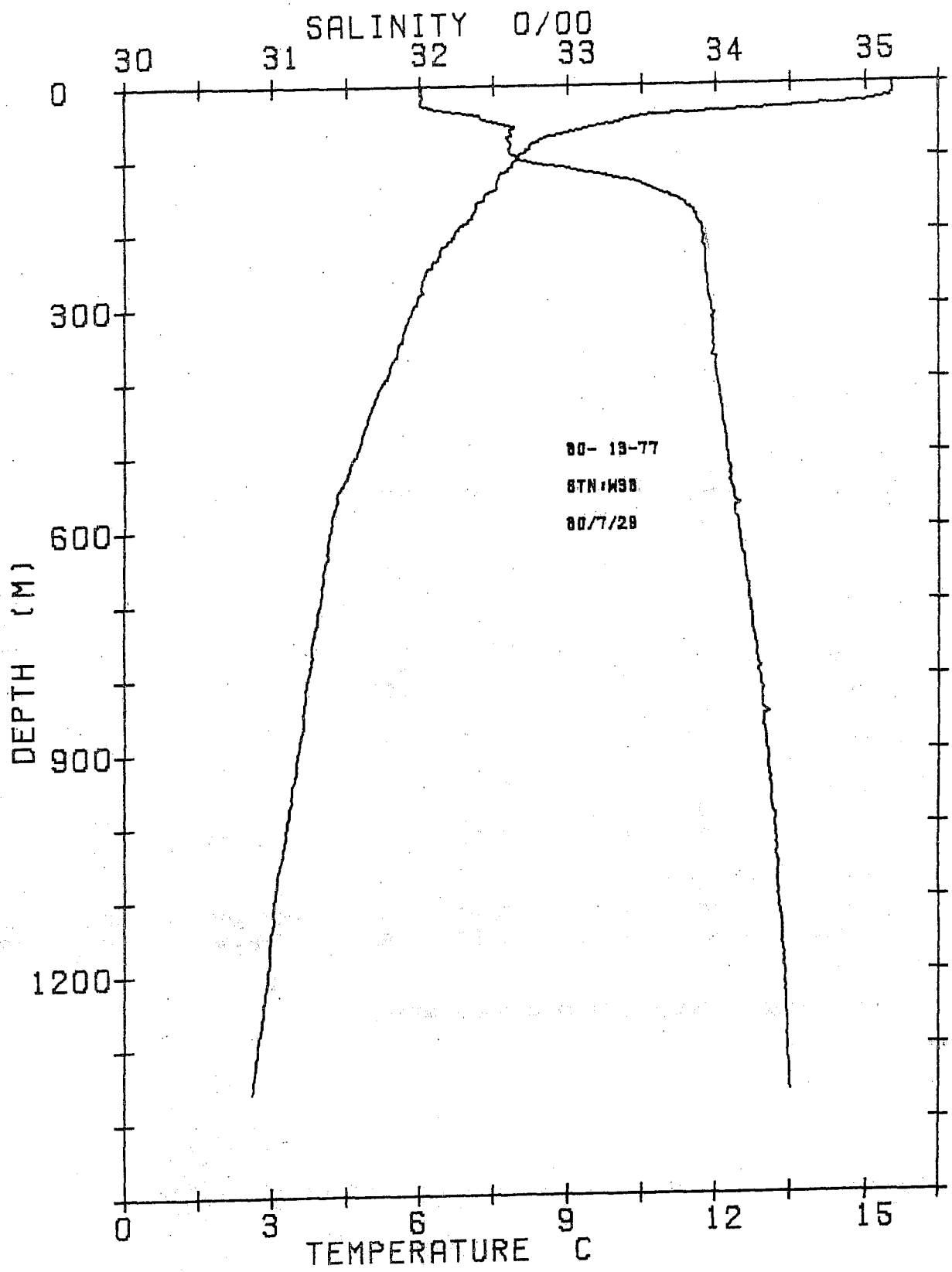
CRUISE : C.O.D.E. 80-13.
STATION: WC36 CONS #076
LAT N 49 06.5 LONG W 128 21.0
DATE 80/07/29 TIME (PST) 1407

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.53	32.05	23.61	429.1	.00	.00	1505.4
10	15.51	32.05	23.62	428.9	.43	.02	1505.5
20	15.49	32.05	23.62	428.7	.86	.09	1505.7
30	14.54	32.13	23.88	404.0	1.28	.19	1502.9
50	10.82	32.47	24.87	310.4	1.96	.46	1490.9
75	8.69	32.59	25.31	268.8	2.67	.90	1483.6
100	8.31	32.78	25.51	249.7	3.32	1.47	1482.8
125	8.02	33.35	26.00	203.6	3.88	2.10	1482.9
150	7.79	33.60	26.23	182.2	4.36	2.75	1482.7
175	7.61	33.75	26.37	168.9	4.80	3.46	1482.7
200	7.37	33.87	26.50	157.1	5.20	4.23	1482.3
225	7.06	33.95	26.61	147.0	5.58	5.03	1481.6
250	6.68	33.99	26.69	139.9	5.94	5.88	1480.5
300	5.86	34.03	26.83	127.1	6.60	7.69	1478.1
400	4.93	34.10	27.00	111.3	7.79	11.85	1476.1
500	4.51	34.14	27.07	104.9	8.88	16.75	1476.0
600	4.23	34.20	27.15	98.1	9.90	22.32	1476.6
800	3.78	34.32	27.29	85.9	11.72	35.06	1478.1
1000	3.33	34.41	27.41	75.2	13.32	49.44	1479.6
1200	2.90	34.47	27.50	67.0	14.75	65.05	1481.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1475.1	2.41	34.53	27.59	58.6	16.46	87.90	1483.7

WIND MIXED LAYER DEPTH = 26.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-77
STN:W36
80/7/29
0
3
6
9
12
15
TEMPERATURE C

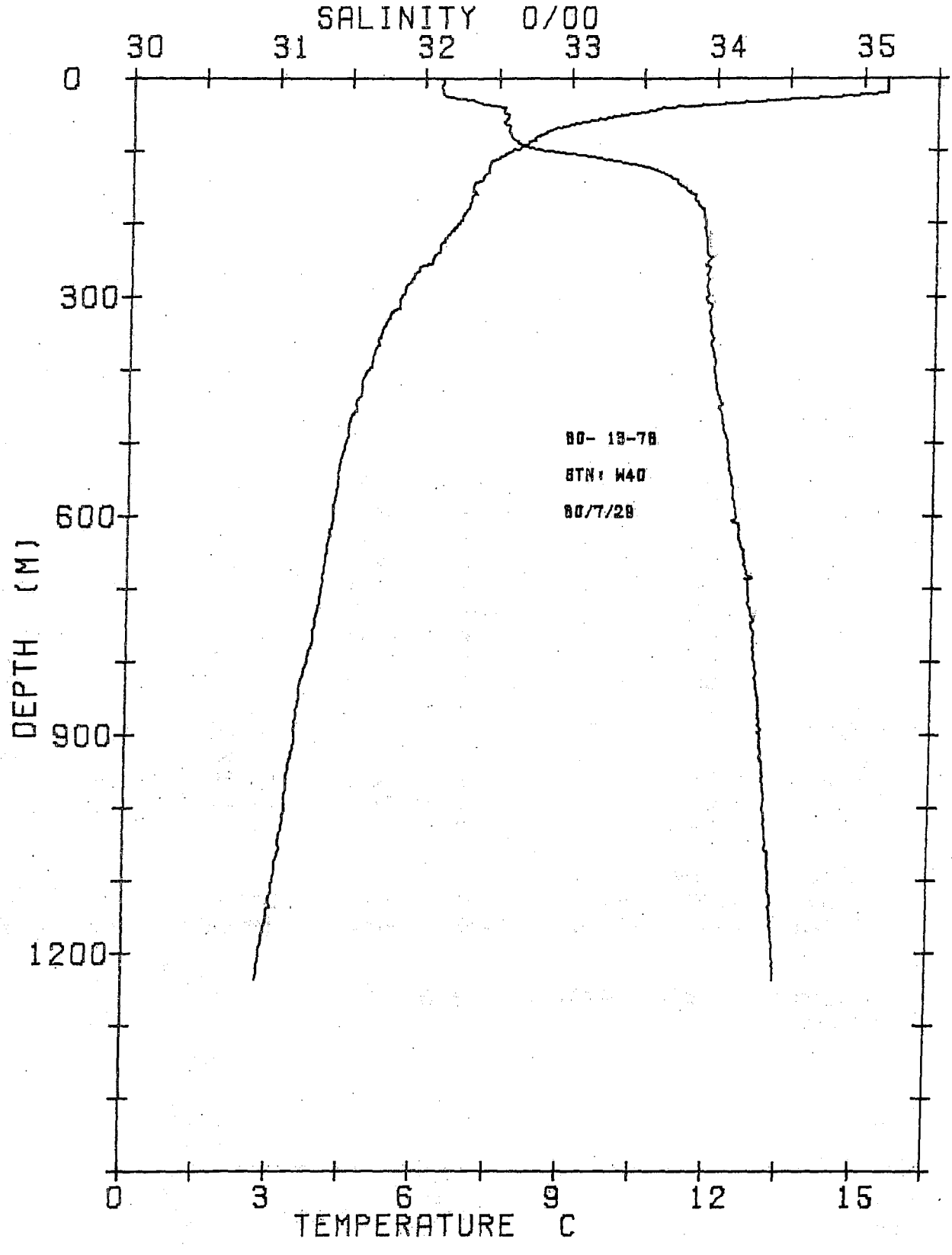
CRUISE : C.O.D.E. 80-13.
STATION: W38 CONS #077
LAT N 49 18.5 LONG W 128 36.5
DATE 80/07/29 TIME (PST) 1914

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.53	32.00	23.57	432.5	.00	.00	1505.4
10	15.53	32.01	23.58	432.7	.43	.02	1505.6
20	15.48	32.00	23.58	432.2	.87	.09	1505.6
30	13.85	32.07	23.98	394.7	1.28	.19	1500.5
50	10.05	32.52	25.03	294.7	1.94	.45	1488.2
75	8.39	32.61	25.36	263.4	2.63	.88	1482.5
100	7.98	32.67	25.48	252.9	3.27	1.44	1481.5
125	7.62	33.32	26.04	200.1	3.84	2.07	1481.3
150	7.33	33.69	26.37	169.0	4.30	2.70	1481.1
175	7.09	33.86	26.54	153.4	4.70	3.35	1480.8
200	6.73	33.90	26.62	145.9	5.07	4.05	1479.8
225	6.44	33.93	26.68	140.6	5.43	4.81	1479.1
250	6.17	33.93	26.71	137.4	5.77	5.64	1478.4
300	5.88	33.97	26.78	131.3	6.45	7.49	1478.1
400	5.27	34.02	26.89	121.8	7.72	11.93	1477.3
500	4.71	34.09	27.01	110.9	8.88	17.14	1476.8
600	4.21	34.16	27.12	100.5	9.93	22.90	1476.4
800	3.75	34.31	27.28	86.2	11.79	35.89	1477.9
1000	3.33	34.40	27.40	75.7	13.41	50.43	1479.6
1200	2.95	34.47	27.49	67.9	14.84	66.14	1481.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1360.5	2.62	34.51	27.55	62.2	15.88	79.50	1482.7

WIND MIXED LAYER DEPTH = 23.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-78
STN: W40
80/7/29
0
3
6
9
12
15
TEMPERATURE C

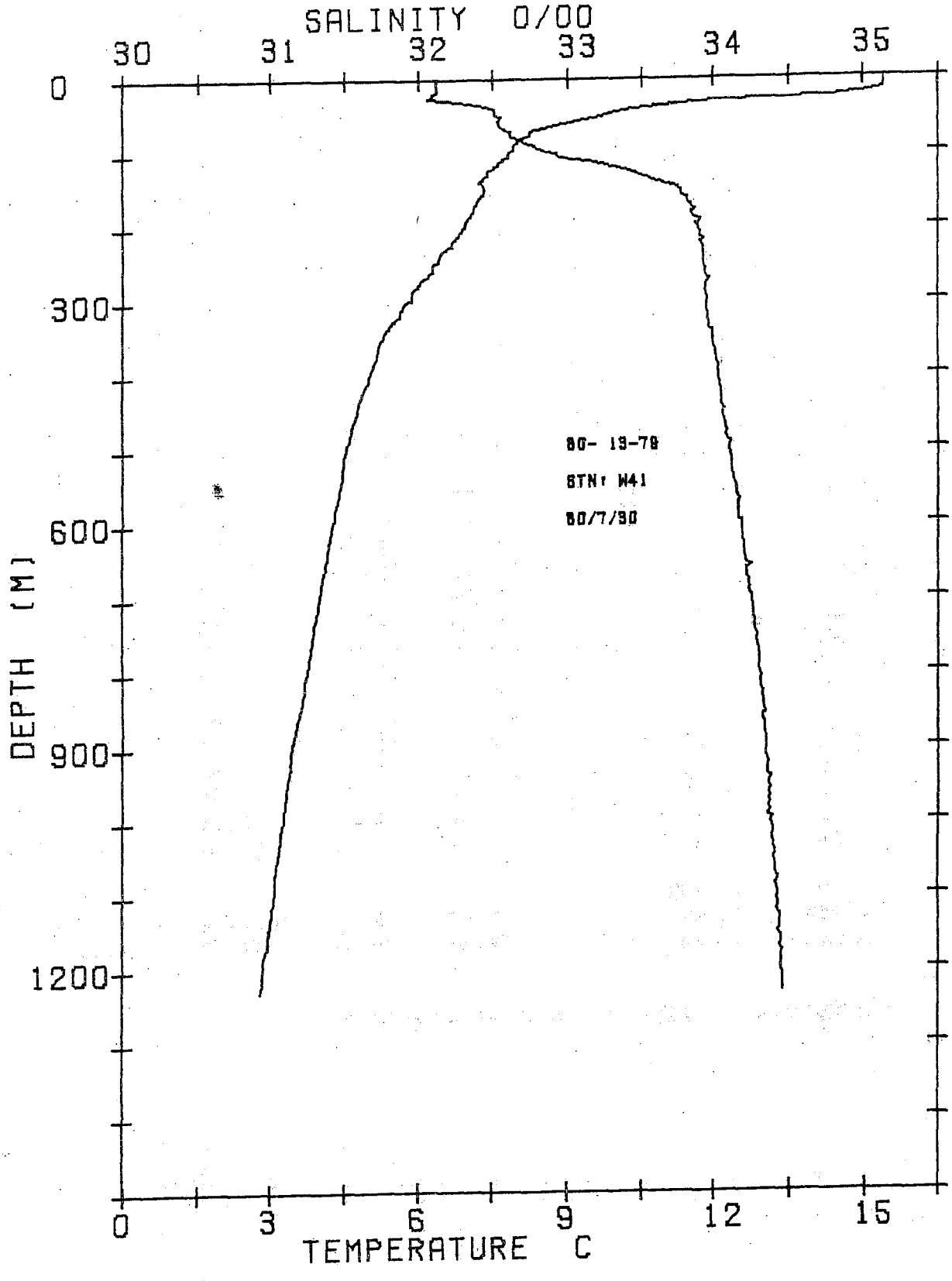
CRUISE : C.O.D.E. 80-13.
STATION: W40 CONS #078
LAT N 49 31.5 LONG W 128 52.5
DATE 80/07/29 TIME (PST) 2229

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.45	32.12	23.68	422.4	.00	.00	1505.3
10	15.46	32.11	23.68	423.2	.42	.02	1505.5
20	15.45	32.12	23.68	422.9	.85	.08	1505.6
30	13.26	32.31	24.28	365.8	1.24	.18	1498.9
50	10.09	32.56	25.05	292.4	1.88	.44	1488.4
75	8.47	32.58	25.33	266.1	2.58	.87	1482.8
100	7.77	32.84	25.63	237.8	3.22	1.43	1480.8
125	7.29	33.58	26.28	176.6	3.72	1.99	1480.3
150	6.98	33.78	26.48	158.0	4.14	2.57	1479.8
175	6.93	33.89	26.58	148.9	4.52	3.19	1480.2
200	6.72	33.93	26.64	144.1	4.89	3.87	1479.8
225	6.41	33.94	26.69	139.6	5.24	4.63	1479.0
250	6.22	33.96	26.73	136.1	5.59	5.44	1478.7
300	5.58	33.94	26.79	129.9	6.25	7.26	1476.9
400	4.91	34.00	26.92	118.6	7.48	11.56	1475.8
500	4.46	34.10	27.04	107.3	8.61	16.62	1475.7
600	4.22	34.17	27.13	100.2	9.64	22.33	1476.5
800	3.71	34.31	27.29	85.6	11.49	35.23	1477.8
1000	3.30	34.38	27.39	76.9	13.10	49.69	1479.4
1200	2.82	34.46	27.49	67.3	14.54	65.48	1480.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1235.1	2.76	34.47	27.51	65.6	14.78	68.31	1481.1

WIND MIXED LAYER DEPTH = 20.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-78
STN: W41
80/7/30
0
3
6
9
12
15
TEMPERATURE C

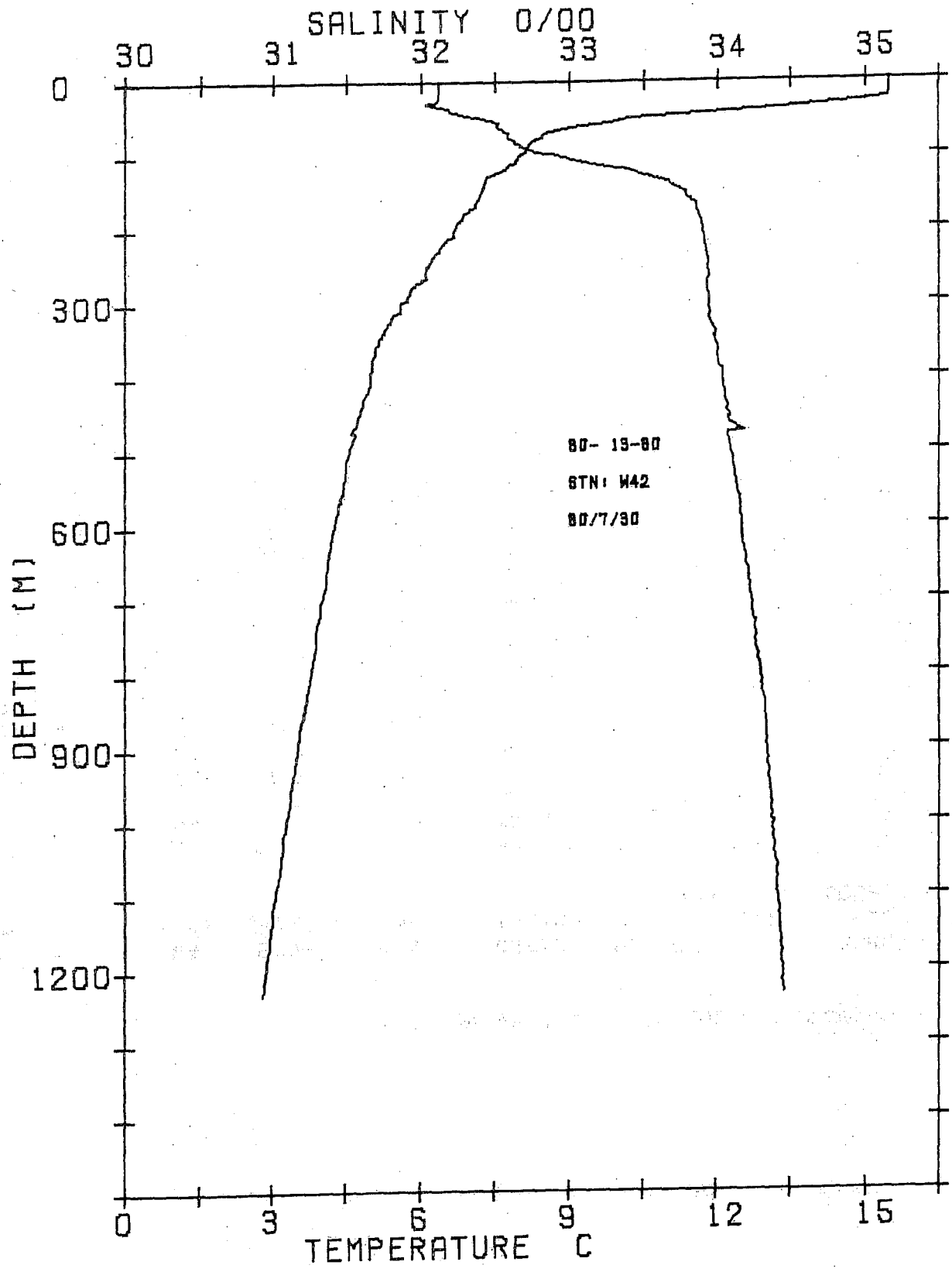
CRUISE : C.O.D.E. 80-13.
STATION: W41 CONS #079
LAT N 49 36.5 LONG W 128 44.5
DATE 80/07/30 TIME (PST) 0009

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.43	32.12	23.69	421.9	.00	.00	1505.2
10	15.42	32.12	23.69	422.0	.42	.02	1505.4
20	15.17	32.09	23.72	419.5	.84	.08	1504.7
30	12.19	32.27	24.46	348.6	1.24	.18	1495.2
50	9.69	32.55	25.11	286.8	1.85	.42	1486.9
75	8.21	32.62	25.40	260.0	2.53	.85	1481.8
100	7.84	32.91	25.68	233.1	3.15	1.39	1481.2
125	7.39	33.44	26.16	187.8	3.67	1.98	1480.6
150	7.32	33.77	26.43	163.2	4.11	2.58	1481.1
175	7.11	33.87	26.54	153.3	4.51	3.22	1480.8
200	6.92	33.89	26.58	149.2	4.89	3.93	1480.5
225	6.65	33.93	26.65	143.1	5.25	4.71	1479.9
250	6.31	33.93	26.70	138.9	5.61	5.55	1479.0
300	5.75	33.95	26.78	131.2	6.28	7.40	1477.6
400	5.02	34.03	26.93	117.5	7.51	11.70	1476.3
500	4.55	34.10	27.04	108.3	8.64	16.76	1476.1
600	4.27	34.18	27.13	100.0	9.68	22.47	1476.7
800	3.77	34.31	27.28	86.4	11.53	35.43	1478.0
1000	3.29	34.38	27.39	76.7	13.15	49.98	1479.4
1200	2.88	34.45	27.48	68.3	14.60	65.84	1481.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1230.6	2.82	34.46	27.50	67.2	14.81	68.35	1481.3

WIND MIXED LAYER DEPTH = 21.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-80
STN: W42
80/7/30
0
3
6
9
12
15
TEMPERATURE C

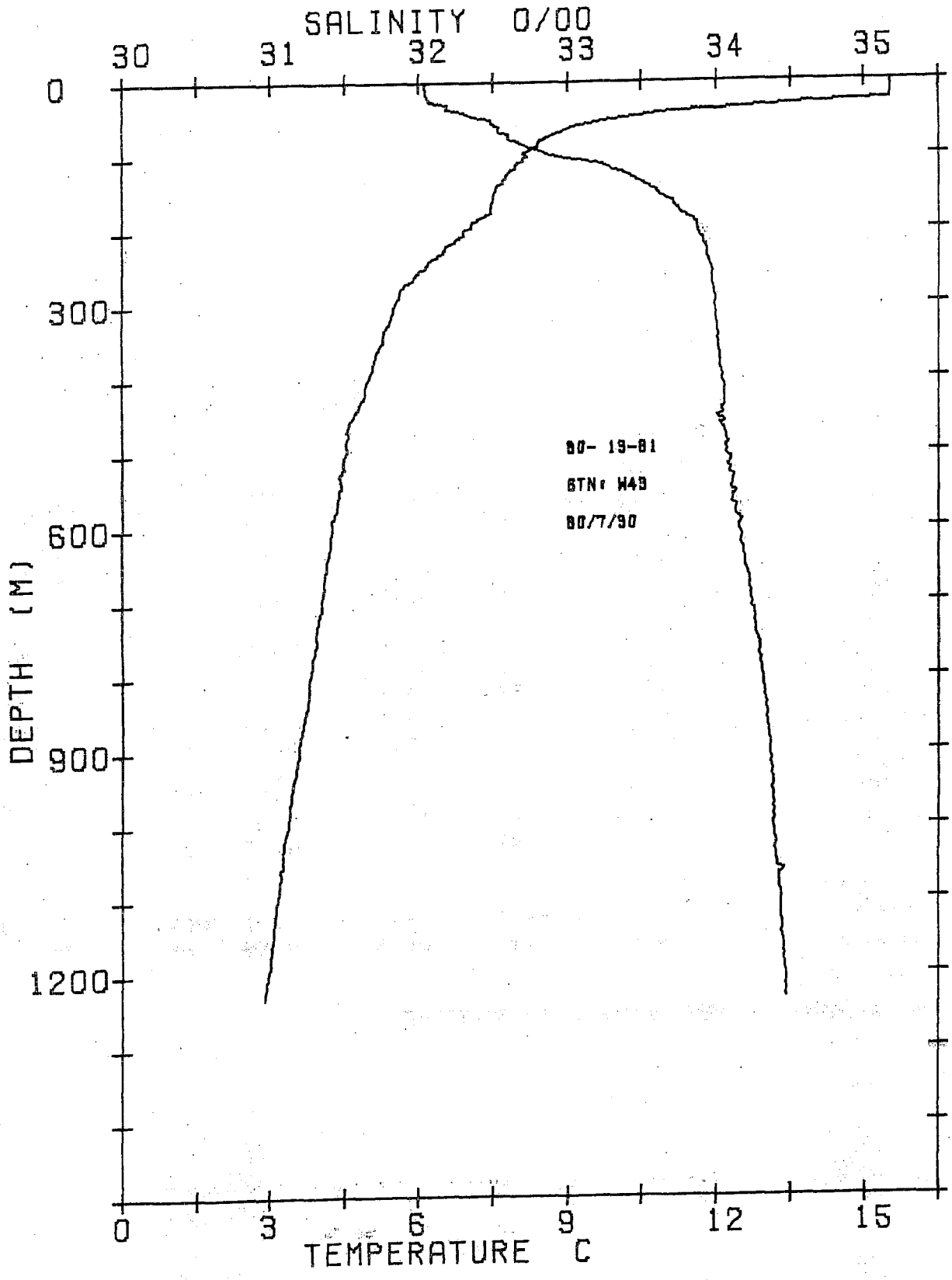
CRUISE : C.O.D.E. 80-13.
STATION: W42 CONS #080
LAT N 49 42.0 LONG W 128 36.5
DATE 80/07/30 TIME (PST) 0205

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.47	32.11	23.67	423.5	.00	.00	1505.3
10	15.47	32.11	23.67	423.8	.42	.02	1505.5
20	15.47	32.11	23.67	424.4	.85	.08	1505.7
30	14.84	32.03	23.74	417.1	1.27	.19	1503.7
50	10.27	32.42	24.92	305.6	1.99	.48	1488.9
75	8.42	32.59	25.35	264.8	2.69	.91	1482.6
100	8.02	32.92	25.66	235.2	3.33	1.46	1481.9
125	7.49	33.47	26.17	187.5	3.86	2.06	1481.0
150	7.24	33.78	26.45	161.4	4.29	2.65	1480.8
175	6.98	33.86	26.55	152.0	4.68	3.28	1480.3
200	6.70	33.90	26.62	145.6	5.05	3.98	1479.7
225	6.40	33.92	26.67	140.6	5.41	4.74	1478.9
250	6.14	33.93	26.72	136.7	5.75	5.56	1478.3
300	5.62	33.94	26.79	130.5	6.43	7.40	1477.0
400	5.01	34.03	26.93	117.3	7.66	11.71	1476.3
500	4.58	34.09	27.03	109.2	8.78	16.76	1476.2
600	4.28	34.17	27.12	100.5	9.83	22.49	1476.7
800	3.80	34.30	27.27	87.3	11.70	35.58	1478.2
1000	3.30	34.40	27.40	76.1	13.33	50.21	1479.5
1200	2.89	34.46	27.49	68.1	14.77	66.03	1481.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1231.5	2.82	34.47	27.50	66.8	14.99	68.62	1481.3

WIND MIXED LAYER DEPTH = 27.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-81
STN: W49
80/7/30
0
3
6
9
12
15
TEMPERATURE C

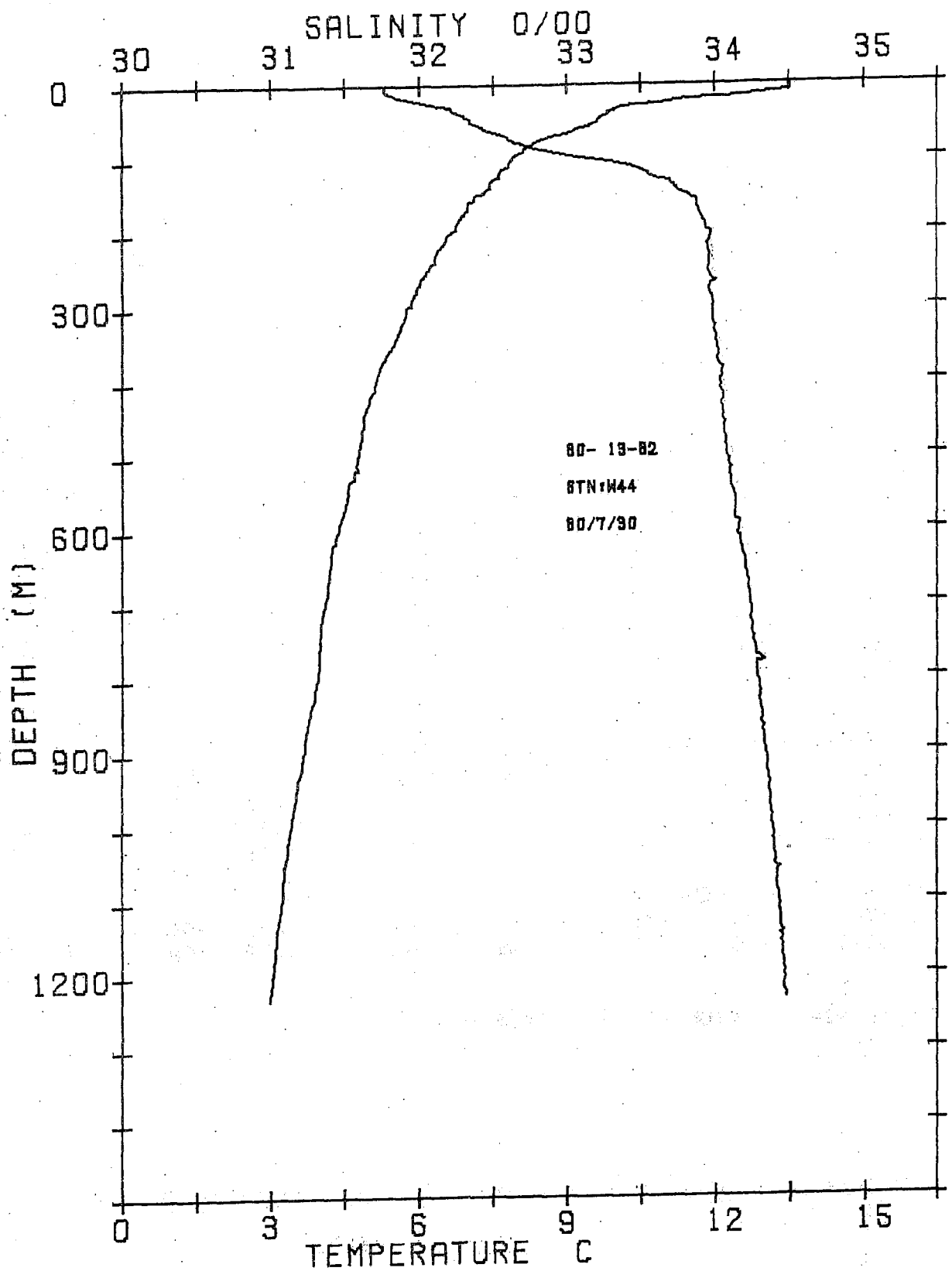
CRUISE : C.O.D.E. 80-13.
STATION: W43 CONS #081
LAT N 49 47.0 LONG W 128 28.5
DATE 80/07/30 TIME (PST) 0337

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.52	32.04	23.61	429.4	.00	.00	1505.4
10	15.53	32.05	23.61	429.3	.43	.02	1505.6
20	15.53	32.06	23.62	429.1	.86	.09	1505.8
30	14.06	32.19	24.03	390.1	1.28	.19	1501.4
50	9.89	32.48	25.03	294.9	1.95	.46	1487.6
75	8.53	32.60	25.33	266.1	2.65	.89	1483.1
100	8.15	32.93	25.65	236.3	3.27	1.44	1482.4
125	7.76	33.43	26.10	193.9	3.80	2.03	1482.0
150	7.53	33.61	26.28	177.4	4.26	2.66	1481.7
175	7.44	33.77	26.41	164.9	4.69	3.35	1482.0
200	6.95	33.88	26.57	150.4	5.08	4.08	1480.6
225	6.54	33.94	26.67	141.3	5.44	4.86	1479.5
250	6.11	33.97	26.75	134.0	5.79	5.68	1478.2
300	5.53	33.99	26.84	125.4	6.43	7.44	1476.7
400	4.99	34.04	26.94	116.8	7.64	11.66	1476.2
500	4.52	34.07	27.02	109.9	8.77	16.72	1475.9
600	4.26	34.16	27.12	101.0	9.82	22.50	1476.6
800	3.82	34.31	27.28	86.4	11.68	35.52	1478.3
1000	3.39	34.39	27.39	77.2	13.30	50.04	1479.8
1200	2.97	34.48	27.49	67.7	14.75	65.91	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1232.7	2.90	34.48	27.51	66.4	14.97	68.59	1481.7

WIND MIXED LAYER DEPTH = 24.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-82
STN:W44
80/7/30
0
3
6
9
12
15
TEMPERATURE C

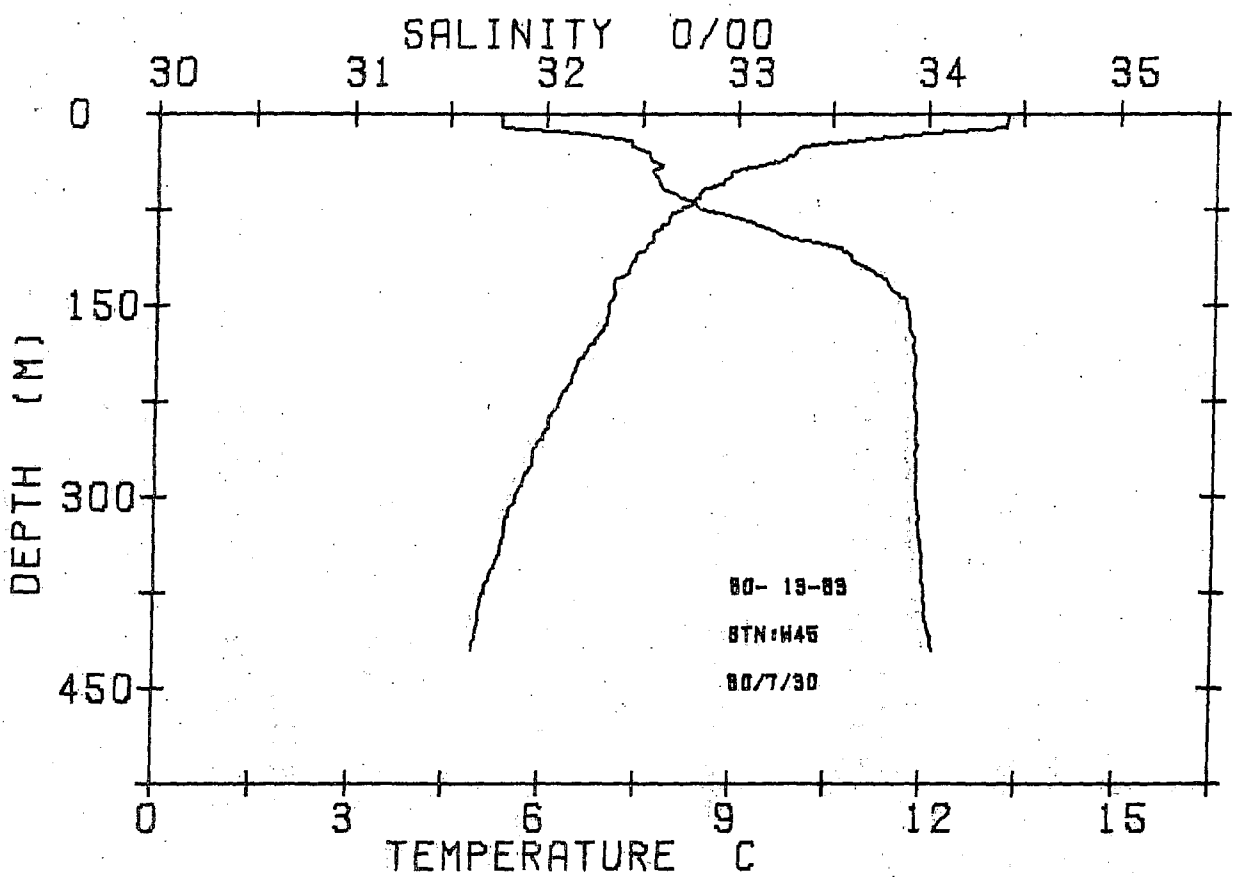
CRUISE : C.O.D.E. 80-13.
STATION: W44 CONS #082
LAT N 49 51.5 LONG W 128 20.5
DATE 80/07/30 TIME (PST) 0504

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.54	31.77	23.81	410.1	.00	.00	1498.7
10	13.54	31.78	23.82	409.5	.41	.02	1498.8
20	11.50	31.95	24.34	359.9	.80	.08	1492.2
30	10.12	32.20	24.78	318.5	1.14	.16	1487.7
50	9.61	32.34	24.96	301.0	1.75	.41	1486.3
75	8.44	32.63	25.38	262.0	2.46	.85	1482.7
100	7.89	33.16	25.87	215.3	3.06	1.37	1481.8
125	7.58	33.58	26.24	180.4	3.54	1.91	1481.5
150	7.12	33.83	26.51	155.5	3.96	2.49	1480.4
175	6.91	33.90	26.59	148.5	4.34	3.10	1480.1
200	6.64	33.97	26.68	140.0	4.70	3.78	1479.5
225	6.37	33.95	26.70	138.0	5.05	4.51	1478.8
250	6.17	33.96	26.73	135.5	5.39	5.33	1478.4
300	5.75	33.98	26.81	128.8	6.05	7.14	1477.6
400	5.13	34.03	26.92	118.7	7.29	11.46	1476.8
500	4.78	34.08	27.00	112.0	8.44	16.64	1477.0
600	4.38	34.16	27.10	102.8	9.51	22.52	1477.1
800	3.95	34.29	27.25	89.5	11.40	35.71	1478.8
1000	3.39	34.39	27.39	77.3	13.07	50.69	1479.9
1200	3.03	34.46	27.48	69.5	14.53	66.75	1481.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1232.4	2.97	34.48	27.49	67.9	14.75	69.47	1482.0

WIND MIXED LAYER DEPTH = 9.8 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-89
STN:H45
80/7/30
0
3
6
9
12
15
TEMPERATURE C

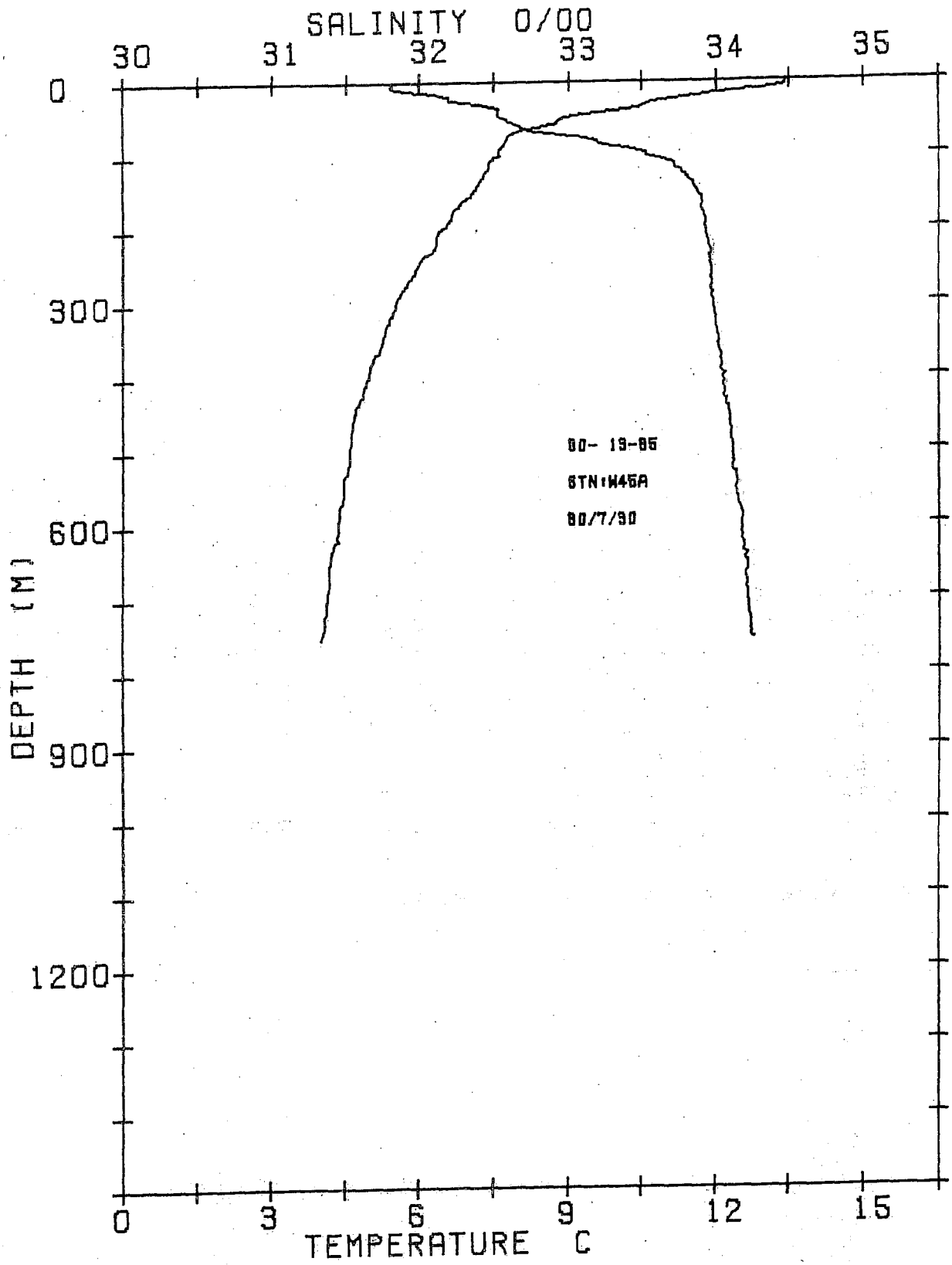
CRUISE : C.O.D.E. 80-13.
STATION: W45 CONS #083
LAT N 49 57.0 LONG W 128 12.5
DATE 80/07/30 TIME (PST) 0656

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.27	31.76	23.86	405.2	.00	.00	1497.7
10	13.24	31.77	23.87	404.2	.40	.02	1497.8
20	10.92	32.42	24.81	315.2	.76	.07	1490.7
30	9.93	32.53	25.06	291.7	1.06	.15	1487.5
50	8.87	32.58	25.27	271.5	1.62	.37	1483.9
75	8.17	32.81	25.56	244.7	2.27	.77	1481.9
100	7.68	33.41	26.10	193.9	2.82	1.25	1481.2
125	7.31	33.73	26.40	165.6	3.26	1.75	1480.6
150	7.04	33.90	26.57	149.5	3.65	2.28	1480.2
175	6.84	33.94	26.63	144.5	4.02	2.88	1479.9
200	6.51	33.94	26.67	140.5	4.37	3.55	1479.0
225	6.28	33.95	26.71	137.1	4.72	4.28	1478.5
250	6.02	33.95	26.75	133.8	5.06	5.09	1477.8
300	5.60	33.96	26.81	128.7	5.72	6.89	1477.0
400	5.04	34.03	26.92	118.3	6.94	11.18	1476.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
420.2	4.94	34.06	26.96	115.0	7.18	12.14	1476.4

WIND MIXED LAYER DEPTH = 9.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
00- 19-85
STN:W45A
80/7/30
0
3
6
9
12
15
TEMPERATURE C

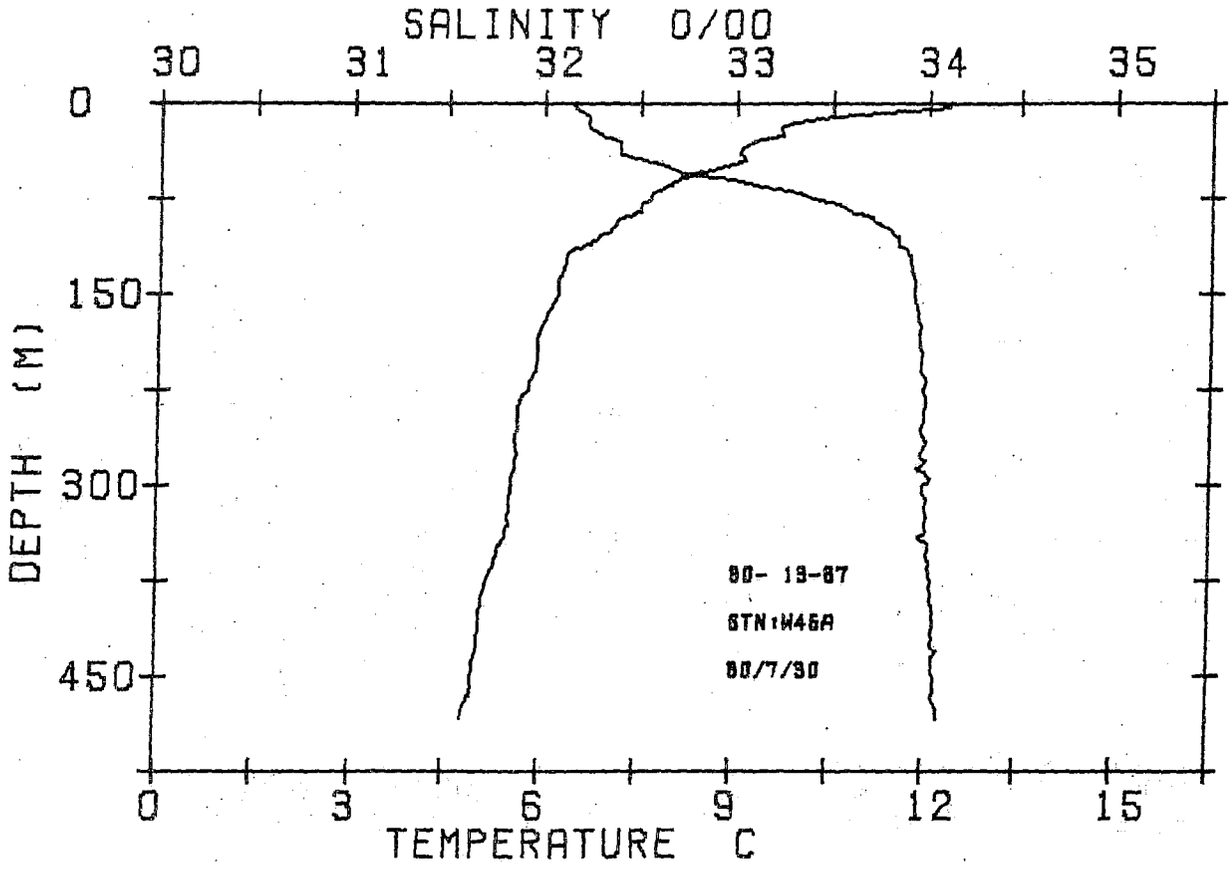
CRUISE : C.O.D.E. 80-13.
STATION: W45A CONS #085
LAT N 49 59.1 LONG W 128 08.5
DATE 80/07/30 TIME (PST) 1214

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.44	31.81	23.86	405.0	.00	.00	1498.4
10	13.23	31.83	23.92	399.9	.40	.02	1497.8
20	11.61	32.19	24.51	344.0	.77	.07	1492.9
30	10.63	32.39	24.84	312.8	1.10	.16	1489.8
50	8.87	32.57	25.26	272.5	1.68	.39	1483.9
75	7.76	33.11	25.85	216.7	2.31	.78	1480.8
100	7.58	33.53	26.21	183.7	2.81	1.21	1481.0
125	7.33	33.78	26.44	161.7	3.23	1.69	1480.8
150	7.09	33.88	26.55	152.0	3.62	2.22	1480.4
175	6.71	33.91	26.62	144.8	3.99	2.82	1479.3
200	6.46	33.93	26.67	140.3	4.35	3.49	1478.8
225	6.33	33.96	26.71	137.1	4.69	4.23	1478.7
250	5.96	33.97	26.77	132.0	5.03	5.02	1477.6
300	5.54	33.98	26.83	126.7	5.68	6.80	1476.7
400	4.98	34.05	26.95	115.8	6.89	11.03	1476.2
500	4.60	34.12	27.05	106.9	7.99	15.99	1476.4
600	4.35	34.18	27.12	101.1	9.03	21.70	1477.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
754.5	4.00	34.26	27.23	91.8	10.52	31.79	1478.2

WIND MIXED LAYER DEPTH = 3.6 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-87
STN:W46A
80/7/30
0
3
6
9
12
15
TEMPERATURE C

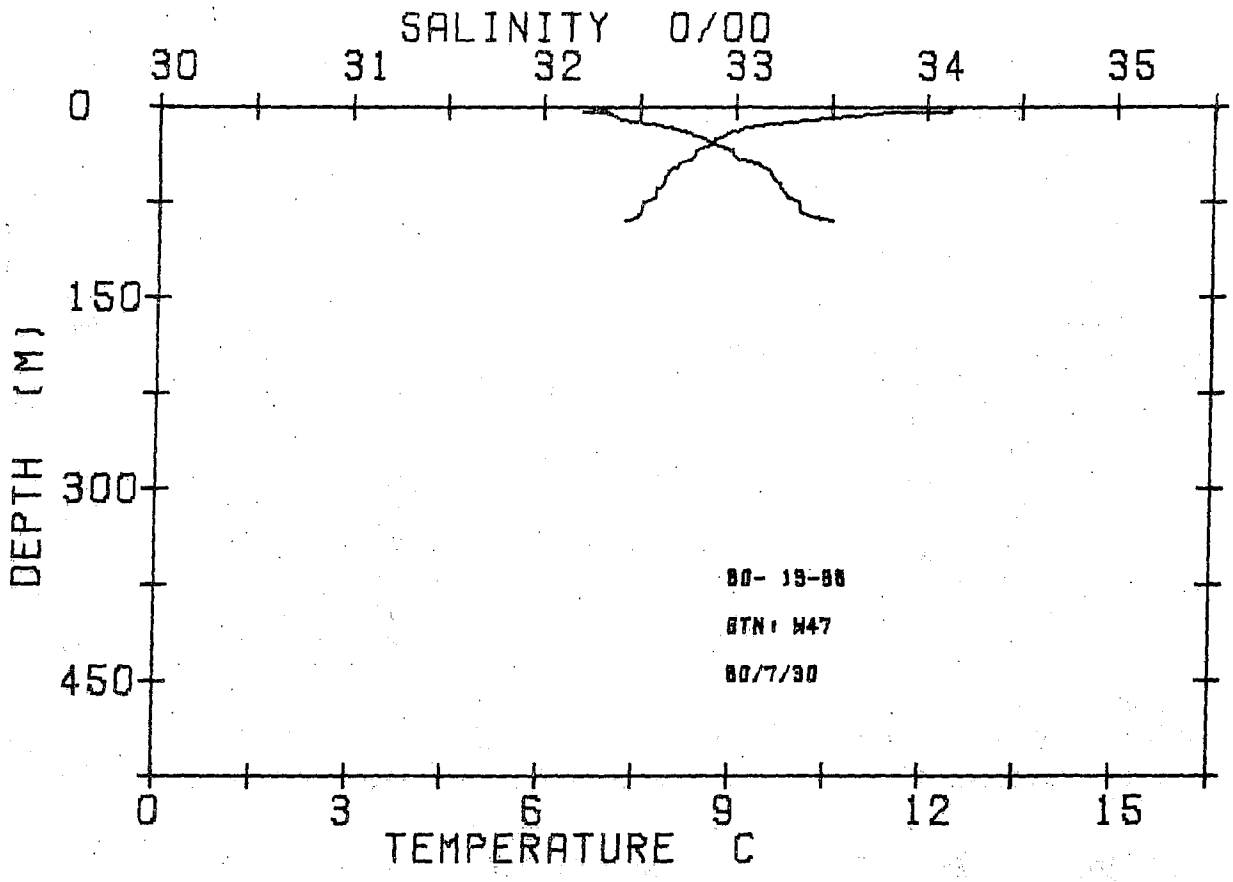
CRUISE : C.O.D.E. 80-13.
STATION: W46A CONS #087
LAT N 50 03.8 LONG W 128 02.0
DATE 80/07/30 TIME (PST) 1410

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.38	32.15	24.33	360.7	.00	.00	1495.2
10	10.53	32.23	24.73	322.9	.35	.02	1489.0
20	9.70	32.24	24.88	308.9	.66	.06	1486.1
30	9.27	32.39	25.06	291.7	.97	.14	1484.8
50	8.89	32.64	25.31	267.8	1.53	.37	1484.1
75	7.69	33.40	26.09	194.5	2.10	.72	1480.9
100	7.06	33.81	26.50	155.9	2.53	1.09	1479.4
125	6.35	33.91	26.67	139.3	2.90	1.50	1477.1
150	6.24	33.93	26.70	137.2	3.24	1.97	1477.1
175	6.00	33.97	26.76	131.5	3.58	2.52	1476.6
200	5.93	33.98	26.78	130.3	3.91	3.13	1476.7
225	5.80	33.99	26.80	128.4	4.23	3.82	1476.6
250	5.65	33.99	26.82	126.7	4.55	4.57	1476.4
300	5.55	33.99	26.83	126.1	5.18	6.31	1476.8
400	5.07	34.05	26.94	116.8	6.40	10.58	1476.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
483.2	4.79	34.08	27.00	112.0	7.36	14.83	1476.8

WIND MIXED LAYER DEPTH = 3.7 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 15-66
STN: W47
80/7/30
0
3
6
9
12
15
TEMPERATURE C

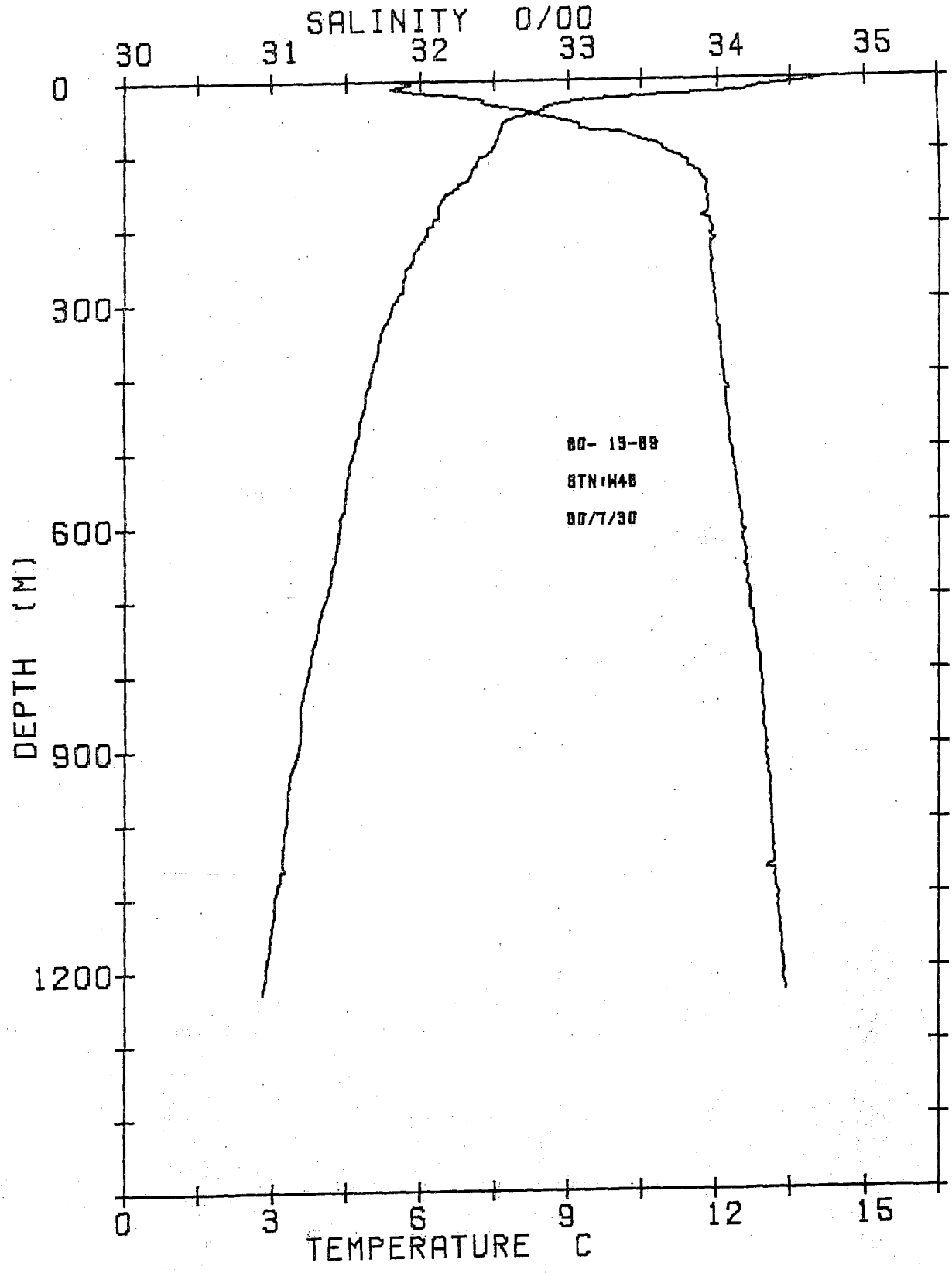
CRUISE : C.O.D.E. 80-13.
STATION: W47 CONS #088
LAT N 50 06.0 LONG W 127 58.0
DATE 80/07/30 TIME (PST) 1514

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.41	32.30	24.44	350.0	.00	.00	1495.5
10	10.10	32.40	24.93	303.8	.33	.02	1487.6
20	8.88	32.76	25.41	258.4	.61	.06	1483.7
30	8.58	32.89	25.55	244.5	.86	.12	1482.9
50	7.97	33.19	25.88	213.9	1.32	.30	1481.2
75	7.57	33.34	26.06	197.3	1.84	.63	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
90.6	7.30	33.51	26.23	181.4	2.14	.87	1479.7

WIND MIXED LAYER DEPTH = 3.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-89
STN:W46
80/7/30
0
3
6
9
12
15
TEMPERATURE C

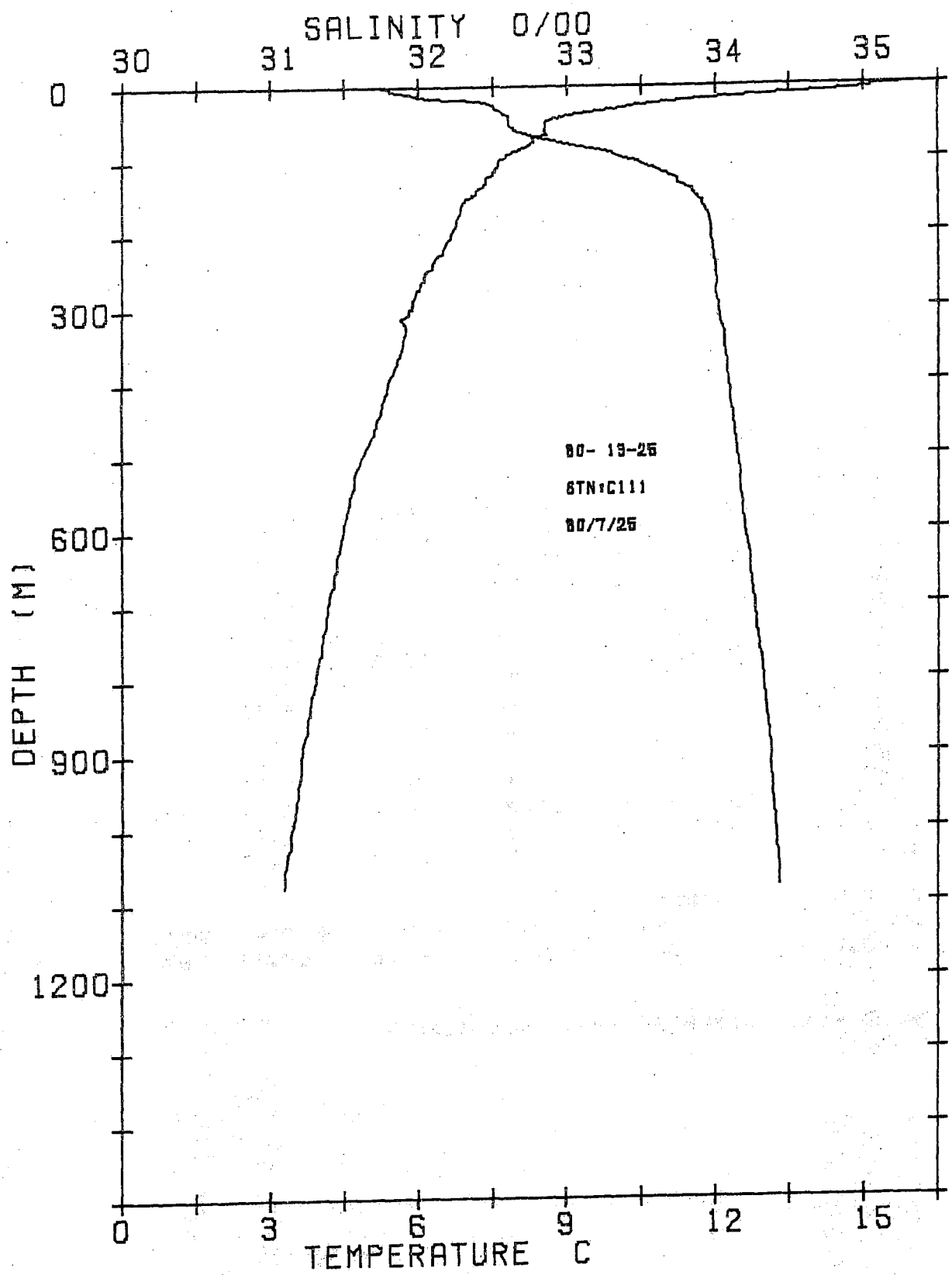
CRUISE : C.O.D.E. 80-13.
STATION: W46 CONS #089
LAT N 50 01.5 LONG W 128 05.5
DATE 80/07/30 TIME (PST) 1829

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.15	31.88	23.77	413.6	.00	.00	1500.8
10	12.93	31.80	23.96	396.2	.40	.02	1496.8
20	11.16	32.21	24.60	335.2	.78	.08	1491.3
30	8.94	32.41	25.12	285.5	1.08	.15	1483.6
50	7.86	32.89	25.66	234.5	1.59	.35	1480.4
75	7.58	33.43	26.13	190.8	2.13	.69	1480.5
100	7.37	33.70	26.37	168.4	2.57	1.07	1480.4
125	7.03	33.88	26.56	150.2	2.97	1.52	1479.7
150	6.65	33.92	26.64	142.8	3.33	2.02	1478.7
175	6.36	33.94	26.70	137.9	3.68	2.59	1478.0
200	6.16	33.97	26.74	133.6	4.03	3.23	1477.6
225	5.97	33.96	26.76	132.3	4.36	3.94	1477.2
250	5.78	33.96	26.78	130.5	4.69	4.72	1476.9
300	5.50	33.99	26.84	125.6	5.33	6.48	1476.6
400	5.00	34.05	26.94	116.2	6.53	10.69	1476.3
500	4.65	34.11	27.03	108.7	7.66	15.76	1476.5
600	4.38	34.17	27.11	101.5	8.71	21.52	1477.2
800	3.73	34.30	27.28	86.4	10.59	34.65	1477.9
1000	3.29	34.38	27.39	77.3	12.22	49.23	1479.4
1200	2.87	34.47	27.50	67.2	13.67	65.15	1481.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1230.4	2.82	34.47	27.50	66.8	13.87	67.63	1481.3

WIND MIXED LAYER DEPTH = 6.6 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 13-25
STN:C111
80/7/25
0
3
6
9
12
15
TEMPERATURE C

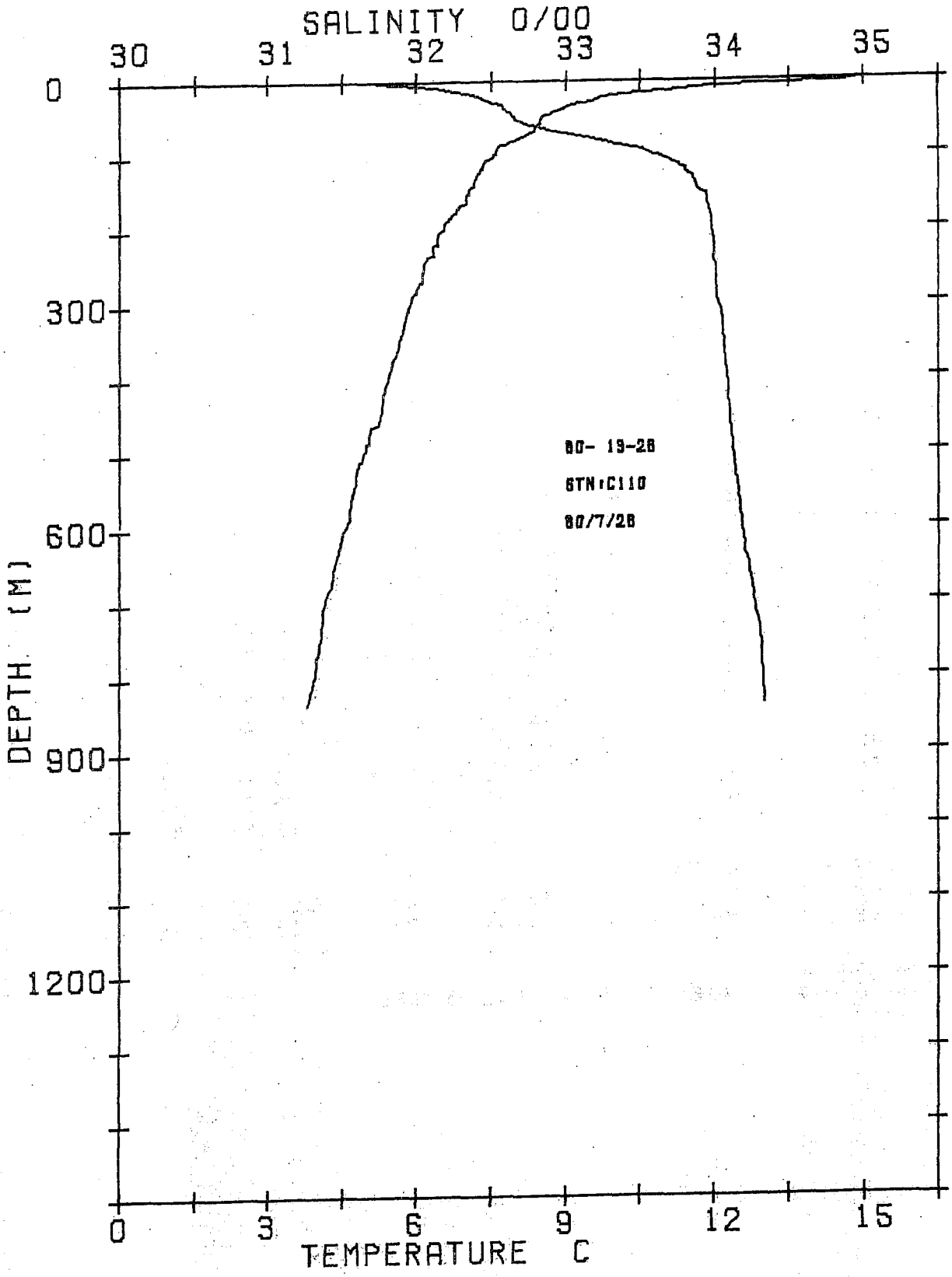
CRUISE : C.O.D.E. 80-13.
STATION: C111 CONS #025
LAT N 48 08.5 LONG W 126 00.0
DATE 80/07/25 TIME (PST) 1926

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	16.32	31.70	23.19	469.5	.00	.00	1507.5
10	14.51	31.90	23.71	419.6	.44	.02	1502.2
20	11.55	32.34	24.63	332.0	.81	.08	1492.9
30	10.22	32.51	24.99	297.8	1.13	.15	1488.5
50	8.59	32.60	25.33	266.3	1.68	.38	1482.9
75	8.30	32.93	25.63	238.1	2.32	.77	1482.6
100	7.68	33.42	26.11	192.9	2.86	1.24	1481.2
125	7.40	33.73	26.39	166.8	3.31	1.74	1481.0
150	7.07	33.87	26.55	151.9	3.71	2.29	1480.3
175	6.81	33.95	26.64	143.0	4.07	2.88	1479.8
200	6.67	33.97	26.68	140.3	4.43	3.55	1479.7
225	6.49	33.99	26.71	136.9	4.77	4.28	1479.3
250	6.19	34.00	26.76	132.5	5.11	5.08	1478.6
300	5.87	34.02	26.82	127.7	5.76	6.87	1478.1
400	5.41	34.09	26.93	117.9	6.99	11.15	1478.0
500	4.88	34.15	27.04	107.9	8.12	16.25	1477.5
600	4.48	34.20	27.13	100.5	9.16	21.96	1477.6
800	3.92	34.33	27.29	86.5	11.03	34.98	1478.7
1000	3.45	34.41	27.40	76.5	12.65	49.57	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1078.0	3.29	34.44	27.44	73.3	13.23	55.61	1480.8

WIND MIXED LAYER DEPTH = 5.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 19-26
6TN:C110
80/7/26
0
3
6
9
12
15
TEMPERATURE C

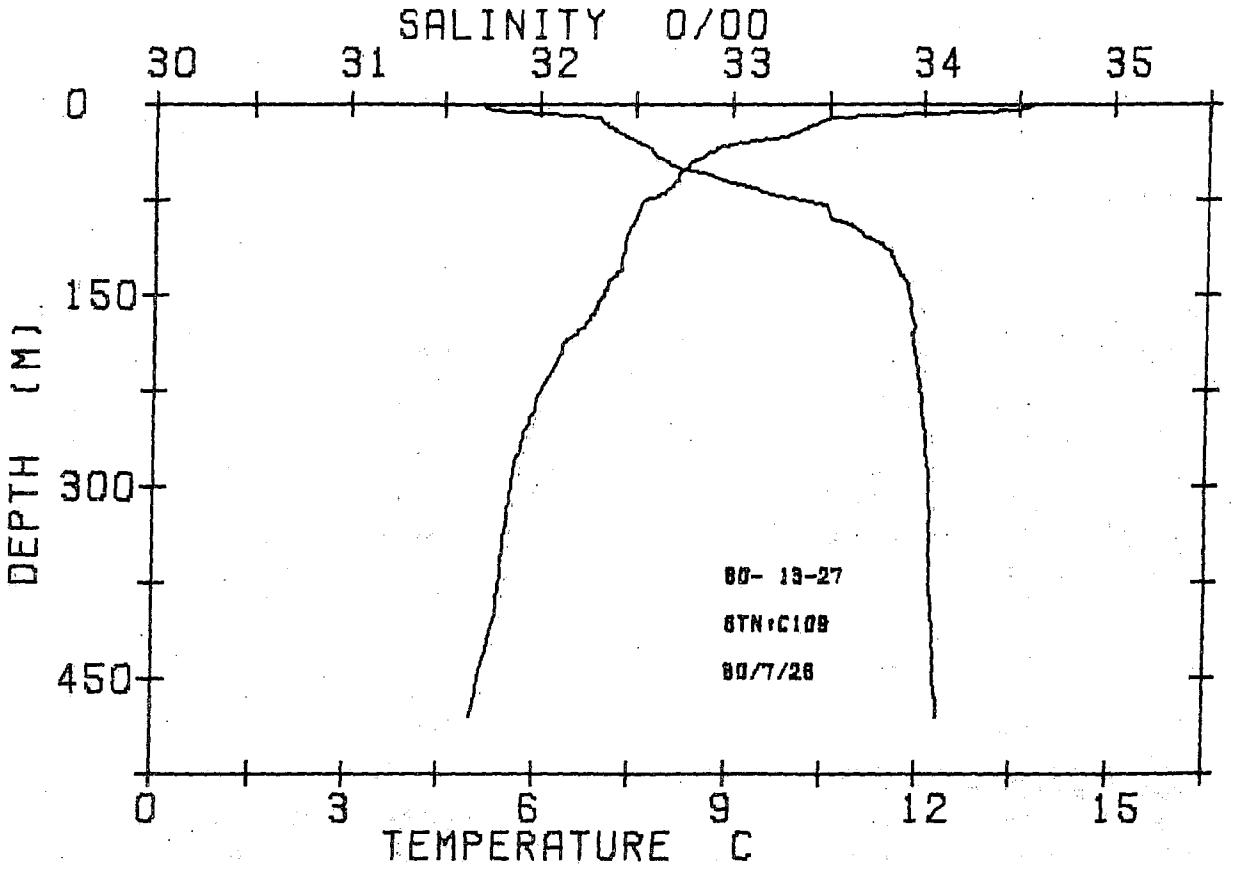
CRUISE : C.O.D.E. 80-13.
STATION: C110 CONS #026
LAT N 48 10.6 LONG W 125 56.2
DATE 80/07/26 TIME (PST) 0456

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.09	31.67	23.42	447.6	.00	.00	1503.6
10	11.64	32.17	24.49	345.9	.40	.02	1492.8
20	10.00	32.40	24.95	301.5	.72	.07	1487.4
30	9.36	32.52	25.15	283.3	1.02	.14	1485.4
50	8.52	32.65	25.38	261.4	1.56	.36	1482.7
75	8.17	33.10	25.78	223.5	2.17	.74	1482.3
100	7.56	33.61	26.27	177.7	2.67	1.17	1481.0
125	7.26	33.82	26.48	157.7	3.08	1.63	1480.5
150	7.04	33.91	26.58	148.5	3.46	2.16	1480.2
175	6.82	33.96	26.65	142.4	3.83	2.75	1479.8
200	6.55	33.98	26.70	138.0	4.18	3.40	1479.2
225	6.34	34.00	26.74	134.1	4.52	4.12	1478.8
250	6.15	34.01	26.78	131.3	4.85	4.91	1478.4
300	5.87	34.03	26.83	126.7	5.50	6.70	1478.2
400	5.43	34.09	26.93	117.9	6.72	10.97	1478.1
500	4.94	34.13	27.02	110.0	7.87	16.12	1477.8
600	4.56	34.19	27.11	102.5	8.93	21.94	1477.9
800	3.94	34.33	27.28	86.7	10.79	34.95	1478.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
837.0	3.82	34.34	27.30	84.9	11.11	37.55	1478.9

WIND MIXED LAYER DEPTH = 4.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-27
STN:C109
90/7/26
0
3
6
9
12
15
TEMPERATURE C

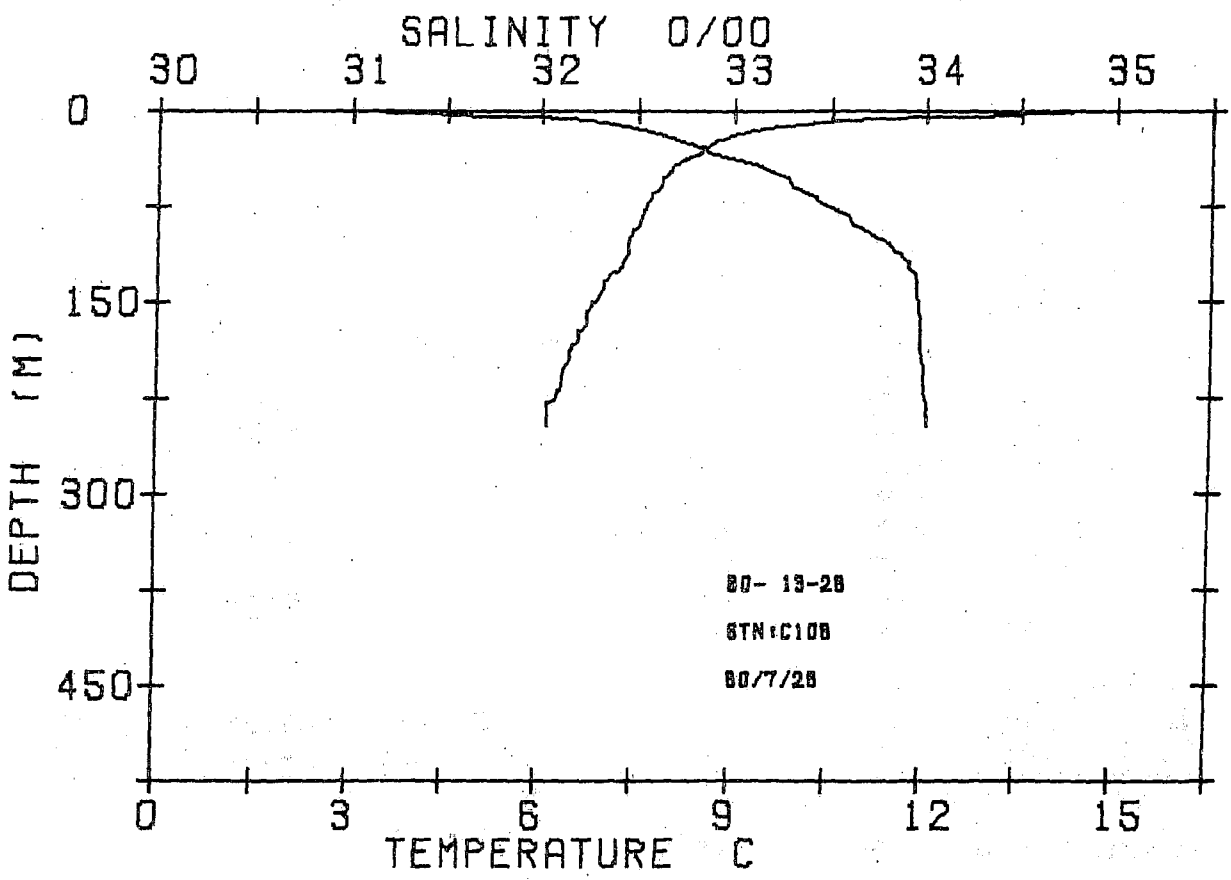
CRUISE : C.O.D.E. 80-13.
STATION: C109 CONS #027
LAT N 48 12.9 LONG W 125 52.0
DATE 80/07/26 TIME (PST) 0614

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.78	31.70	23.71	419.3	.00	.00	1499.4
10	10.69	32.29	24.74	321.4	.39	.02	1489.6
20	10.14	32.38	24.91	305.9	.70	.07	1487.9
30	9.16	32.52	25.18	280.5	1.00	.14	1484.6
50	8.32	32.71	25.45	254.4	1.53	.35	1482.0
75	7.69	33.35	26.05	198.0	2.10	.70	1480.8
100	7.41	33.68	26.35	170.4	2.55	1.10	1480.6
125	7.29	33.86	26.50	155.7	2.96	1.55	1480.7
150	7.03	33.94	26.60	146.6	3.33	2.07	1480.2
175	6.71	33.97	26.67	140.4	3.69	2.66	1479.4
200	6.33	33.98	26.73	135.3	4.04	3.30	1478.3
225	6.07	34.00	26.78	130.3	4.37	4.01	1477.7
250	5.89	34.02	26.82	127.3	4.69	4.77	1477.4
300	5.60	34.05	26.88	122.1	5.31	6.48	1477.1
400	5.39	34.07	26.92	119.2	6.52	10.70	1477.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
480.0	5.01	34.11	26.99	112.6	7.45	14.78	1477.7

WIND MIXED LAYER DEPTH = 3.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-28
STN:C108
80/7/28
0
3
6
9
12
15
TEMPERATURE C

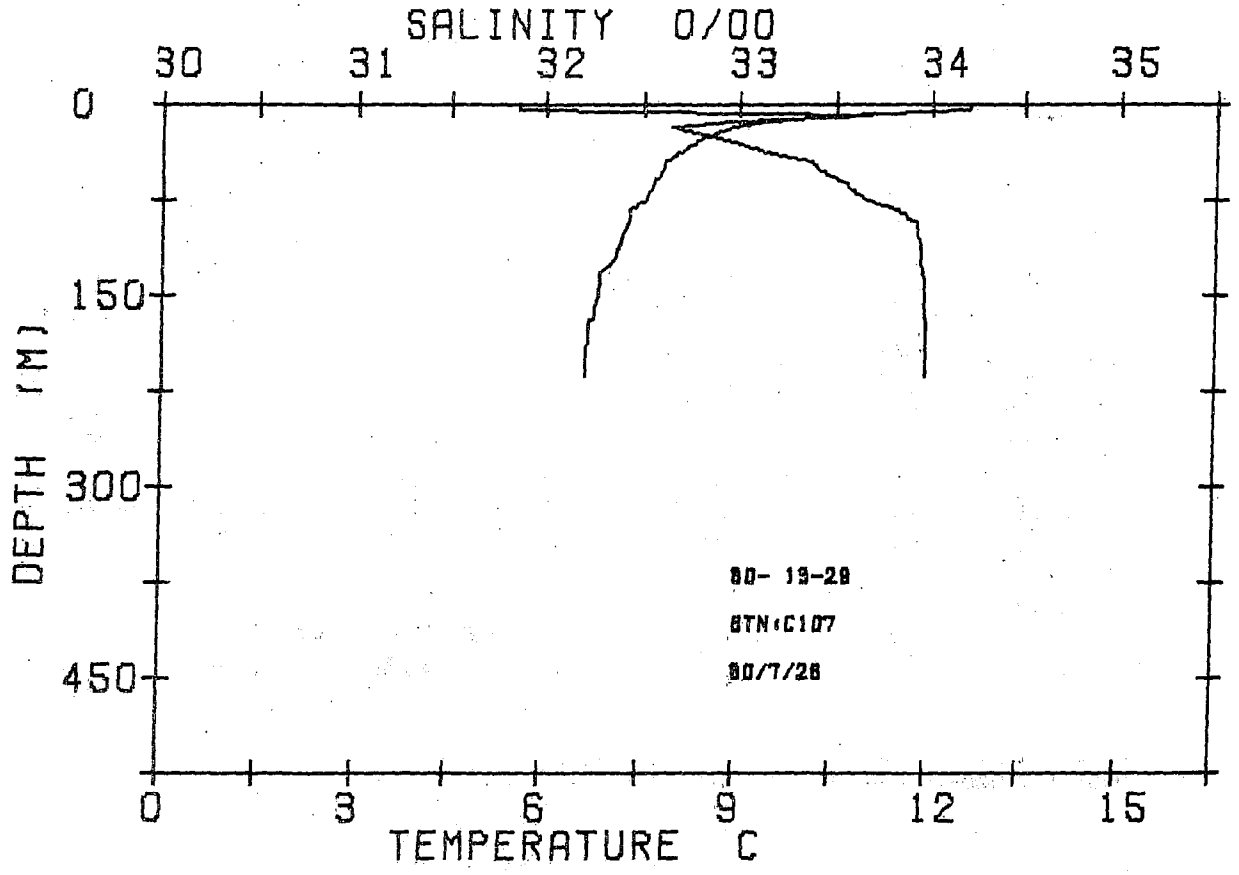
CRUISE : C.O.D.E. 80-13.
STATION: C108 CONS #028
LAT N 48 15.1 LONG W 125 47.7
DATE 80/07/26 TIME (PST) 0724

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.70	31.02	23.02	486.0	.00	.00	1501.6
10	10.13	32.35	24.89	307.7	.38	.02	1487.6
20	8.87	32.66	25.33	265.7	.66	.06	1483.5
30	8.49	32.85	25.54	246.0	.92	.12	1482.5
50	7.95	33.23	25.92	210.2	1.37	.30	1481.2
75	7.63	33.49	26.17	186.8	1.87	.61	1480.7
100	7.38	33.76	26.41	164.1	2.31	1.00	1480.5
125	7.18	33.93	26.58	148.9	2.70	1.43	1480.4
150	6.80	33.97	26.66	141.3	3.06	1.93	1479.3
175	6.60	33.98	26.69	138.3	3.41	2.50	1479.0
200	6.39	34.00	26.73	134.7	3.75	3.14	1478.6
225	6.24	34.01	26.76	132.1	4.08	3.85	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
246.0	6.11	34.02	26.79	130.0	4.36	4.49	1478.2

WIND MIXED LAYER DEPTH = 6.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-28
STN:C107
80/7/28
0
3
6
9
12
15
TEMPERATURE C

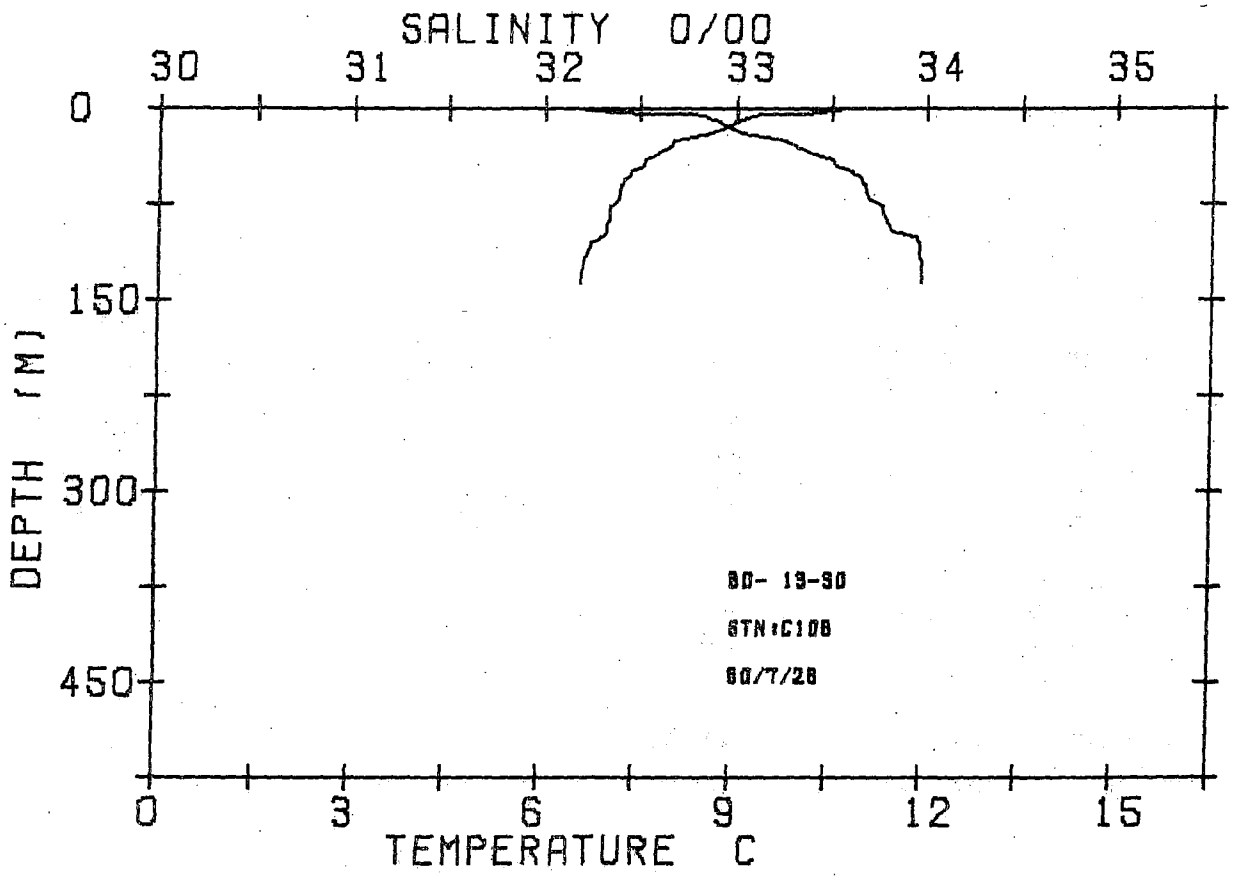
CRUISE : C.O.D.E. 80-13.
STATION: C107 CONS #029
LAT N 48 18.5 LONG W 125 41.1
DATE 80/07/26 TIME (PST) 0850

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.63	31.85	24.05	387.1	.00	.00	1495.7
10	10.22	33.50	25.77	224.1	.34	.02	1489.4
20	8.76	32.69	25.37	261.5	.59	.05	1483.1
30	8.27	32.98	25.67	233.1	.84	.12	1481.8
50	7.78	33.41	26.09	194.2	1.26	.28	1480.8
75	7.48	33.67	26.33	171.4	1.72	.57	1480.4
100	7.20	33.93	26.57	148.9	2.11	.91	1480.0
125	6.98	33.95	26.62	144.6	2.47	1.32	1479.6
150	6.80	33.97	26.66	141.3	2.83	1.81	1479.3
175	6.67	33.98	26.68	139.1	3.18	2.38	1479.2
200	6.64	33.98	26.69	139.1	3.53	3.04	1479.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
213.0	6.64	33.98	26.69	139.3	3.71	3.40	1479.8

WIND MIXED LAYER DEPTH = 3.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-90
STN:C108
80/7/28
0
3
6
9
12
15
TEMPERATURE C

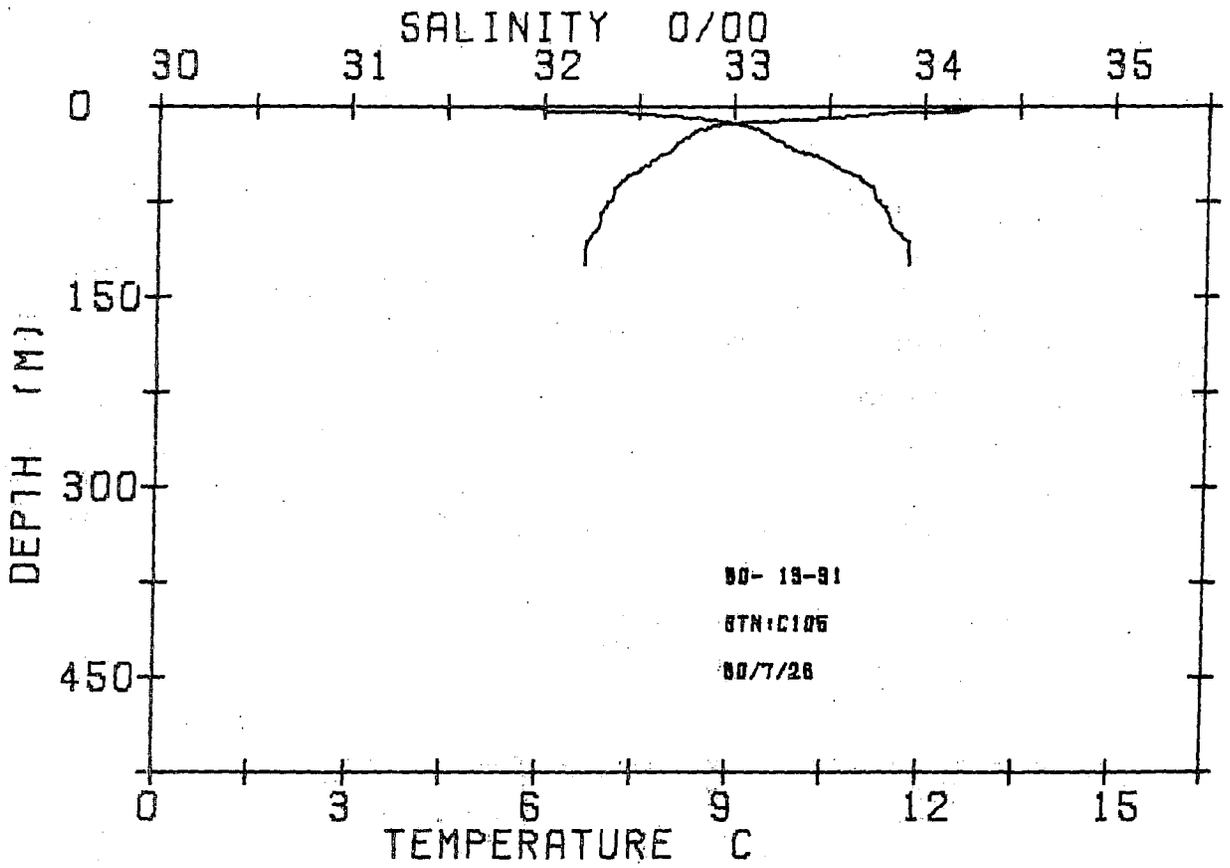
CRUISE : C.O.D.E. 80-13.
STATION: C106 CONS #030
LAT N 48 22.5 LONG W 125 34.1
DATE 80/07/26 TIME (PST) 1144

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.82	32.10	24.58	336.7	.00	.00	1489.7
10	8.98	32.91	25.51	248.4	.28	.01	1484.1
20	8.58	33.03	25.67	233.7	.52	.05	1482.9
30	7.94	33.31	25.98	204.0	.74	.10	1481.0
50	7.38	33.61	26.30	174.3	1.11	.25	1479.5
75	7.08	33.76	26.46	159.2	1.53	.51	1479.0
100	6.89	33.95	26.63	143.2	1.92	.85	1478.9
125	6.59	33.98	26.70	137.4	2.27	1.24	1478.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
137.0	6.58	33.98	26.70	137.5	2.43	1.46	1478.3

WIND MIXED LAYER DEPTH = 2.2 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
90- 19-91
STN:C105
90/7/26
0
3
6
9
12
15
TEMPERATURE C

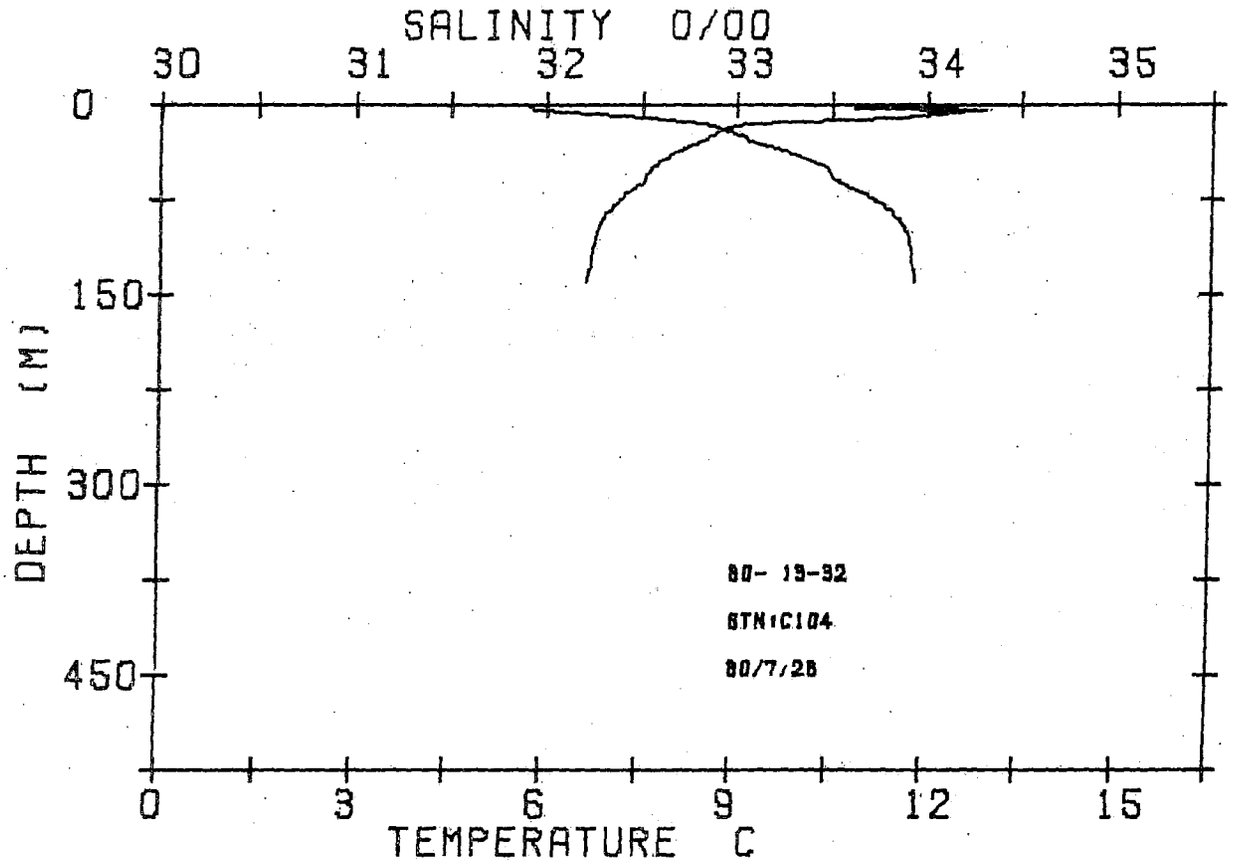
CRUISE : C.O.D.E. 80-13.
STATION: C105 CONS #031
LAT N 48 25.5 LONG W 125 28.2
DATE 80/07/26 TIME (PST) 1247

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.10	31.69	23.84	407.4	.00	.00	1497.1
10	10.20	32.84	25.26	272.4	.34	.02	1488.5
20	8.35	33.16	25.80	220.7	.58	.05	1482.2
30	8.08	33.27	25.93	208.9	.79	.10	1481.5
50	7.50	33.57	26.25	178.5	1.18	.26	1479.9
75	7.02	33.77	26.47	158.0	1.59	.52	1478.7
100	6.78	33.88	26.59	147.0	1.97	.85	1478.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
124.0	6.65	33.93	26.65	141.9	2.32	1.23	1478.3

WIND MIXED LAYER DEPTH = 3.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-32
STN:C104
80/7/28
0
3
6
9
12
15
TEMPERATURE C

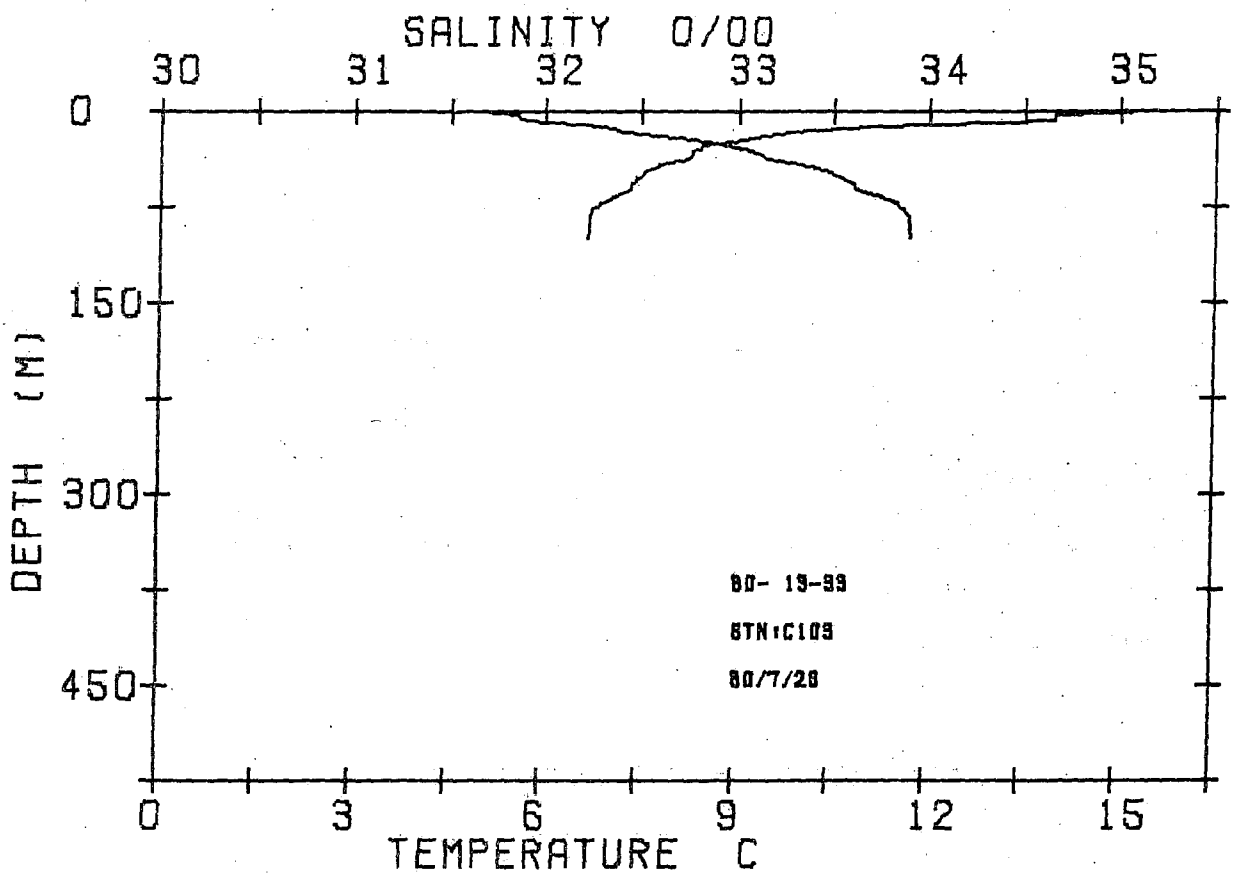
CRUISE : C.O.D.E. 80-13.
STATION: C104 CONS #032
LAT N 48 29.4 LONG W 125 21.2
DATE 80/07/26 TIME (PST) 1346

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.92	31.90	24.22	370.8	.00	.00	1493.3
10	11.51	32.52	24.78	318.0	.36	.02	1492.8
20	8.74	32.93	25.56	243.5	.63	.06	1483.4
30	8.40	33.09	25.74	226.9	.86	.11	1482.5
50	7.64	33.48	26.16	187.5	1.27	.28	1480.4
75	7.13	33.72	26.42	163.1	1.72	.55	1479.1
100	6.80	33.89	26.60	146.0	2.10	.89	1478.4
125	6.69	33.92	26.64	142.8	2.46	1.29	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
139.0	6.63	33.94	26.66	141.1	2.66	1.55	1478.5

WIND MIXED LAYER DEPTH = 2.3 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-99
STN:C109
80/7/28
0
3
6
9
12
15
TEMPERATURE C

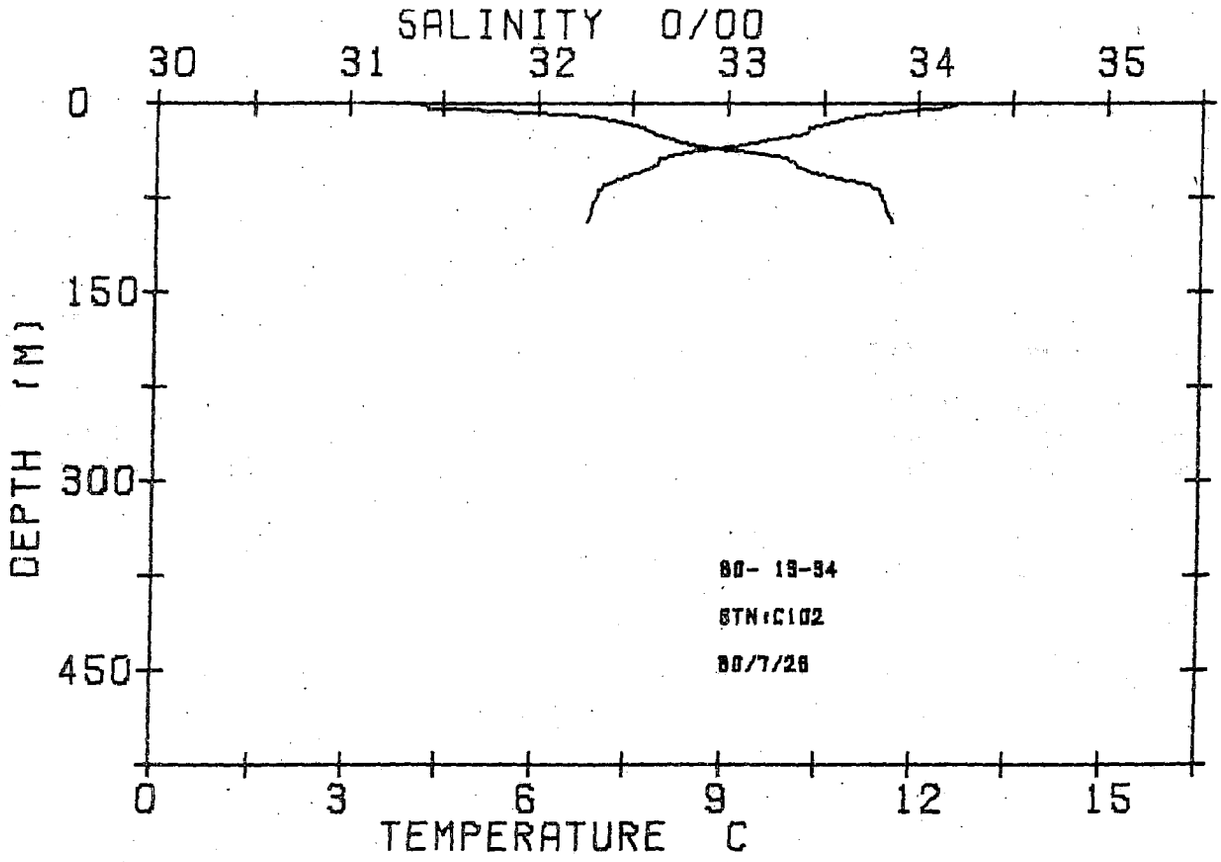
CRUISE : C.O.D.E. 80-13.
STATION: C103 CONS #033
LAT N 48 32.1 LONG W 125 15.5
DATE 80/07/26 TIME (PST) 1357

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.54	31.66	23.35	454.3	.00	.00	1505.0
10	12.24	32.15	24.35	359.1	.40	.02	1494.8
20	9.34	32.62	25.23	275.0	.72	.07	1485.2
30	8.33	33.02	25.70	230.9	.97	.13	1482.1
50	7.50	33.52	26.21	182.5	1.38	.29	1479.9
75	6.79	33.86	26.57	148.4	1.80	.55	1478.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
99.0	6.67	33.91	26.63	143.3	2.15	.85	1477.9

WIND MIXED LAYER DEPTH = 5.1 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-54
STN:C102
80/7/26
0
3
6
9
12
15
TEMPERATURE C

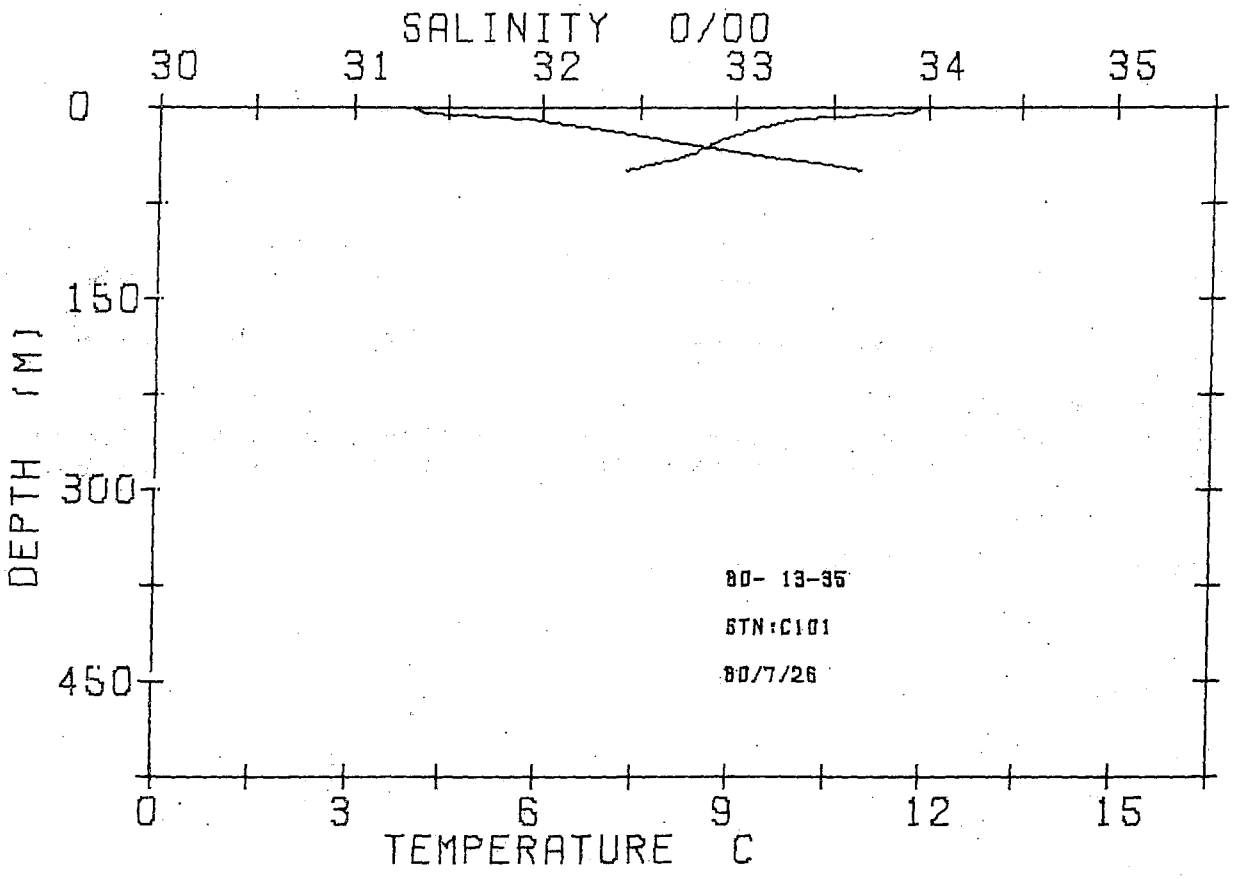
CRUISE : C.O.D.E. 80-13.
STATION: C102 CONS #034
LAT N 48 35.5 LONG W 125 09.0
DATE 80/07/26 TIME (PST) 1636

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.67	31.34	23.65	425.0	.00	.00	1495.2
10	10.97	32.30	24.70	325.0	.39	.02	1490.6
20	10.24	32.57	25.04	293.3	.70	.06	1488.5
30	9.50	32.74	25.29	269.2	.98	.13	1486.1
50	7.82	33.37	26.05	198.0	1.43	.31	1480.9
75	6.91	33.81	26.52	153.2	1.86	.58	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
94.0	6.78	33.87	26.58	147.6	2.15	.82	1478.2

WIND MIXED LAYER DEPTH = 4.0 METRES

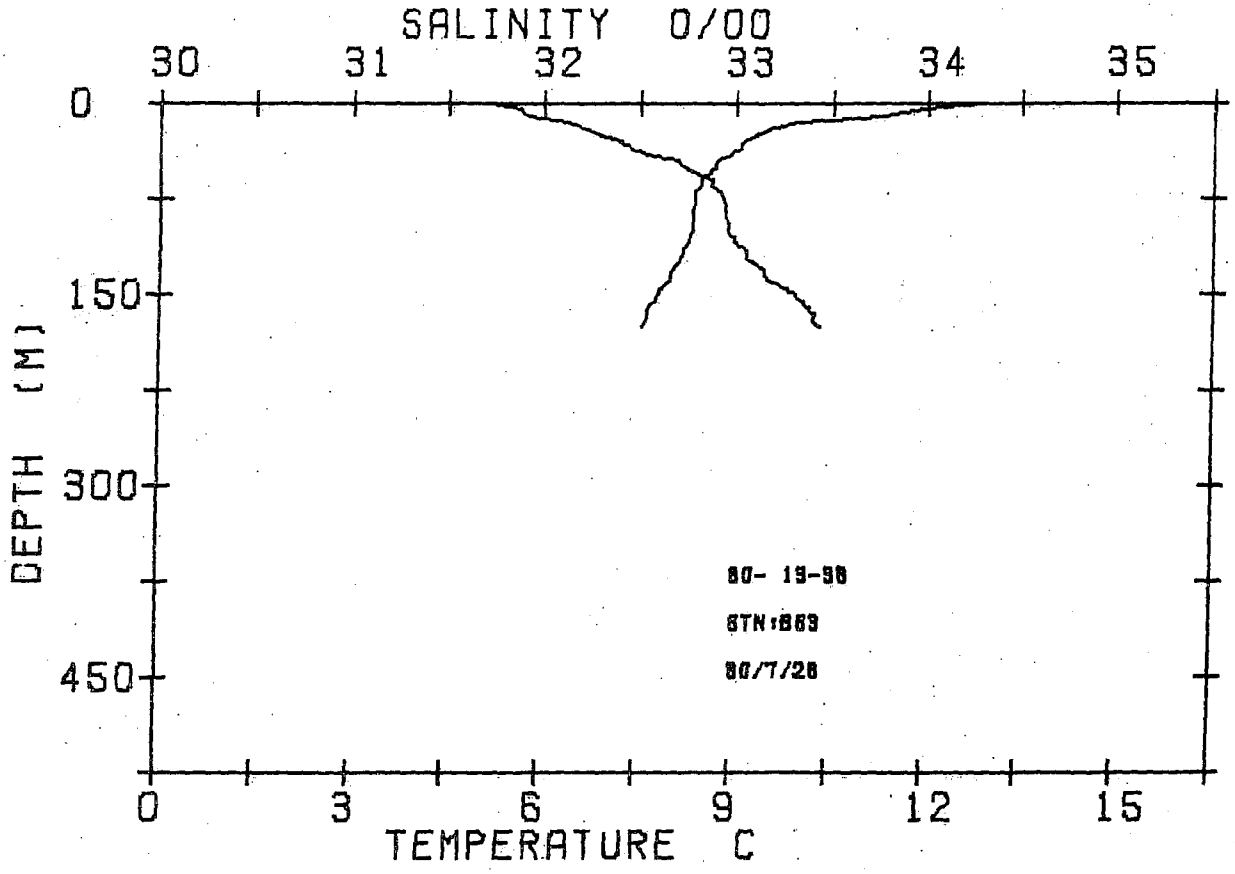

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-35
STN:C101
80/7/26
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: C101 CONS #035
LAT N 48 39.0 LONG W 125 02.5
DATE 80/07/26 TIME (PST) 1729

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.86	31.32	23.79	412.0	.00	.00	1492.4
10	9.84	31.97	24.64	331.3	.38	.02	1486.1
20	9.05	32.44	25.13	284.7	.69	.06	1483.9
30	8.56	32.78	25.47	252.1	.96	.13	1482.7
50	7.29	33.65	26.34	170.1	1.38	.30	1479.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
50.0	7.29	33.65	26.34	170.1	1.38	.30	1479.2

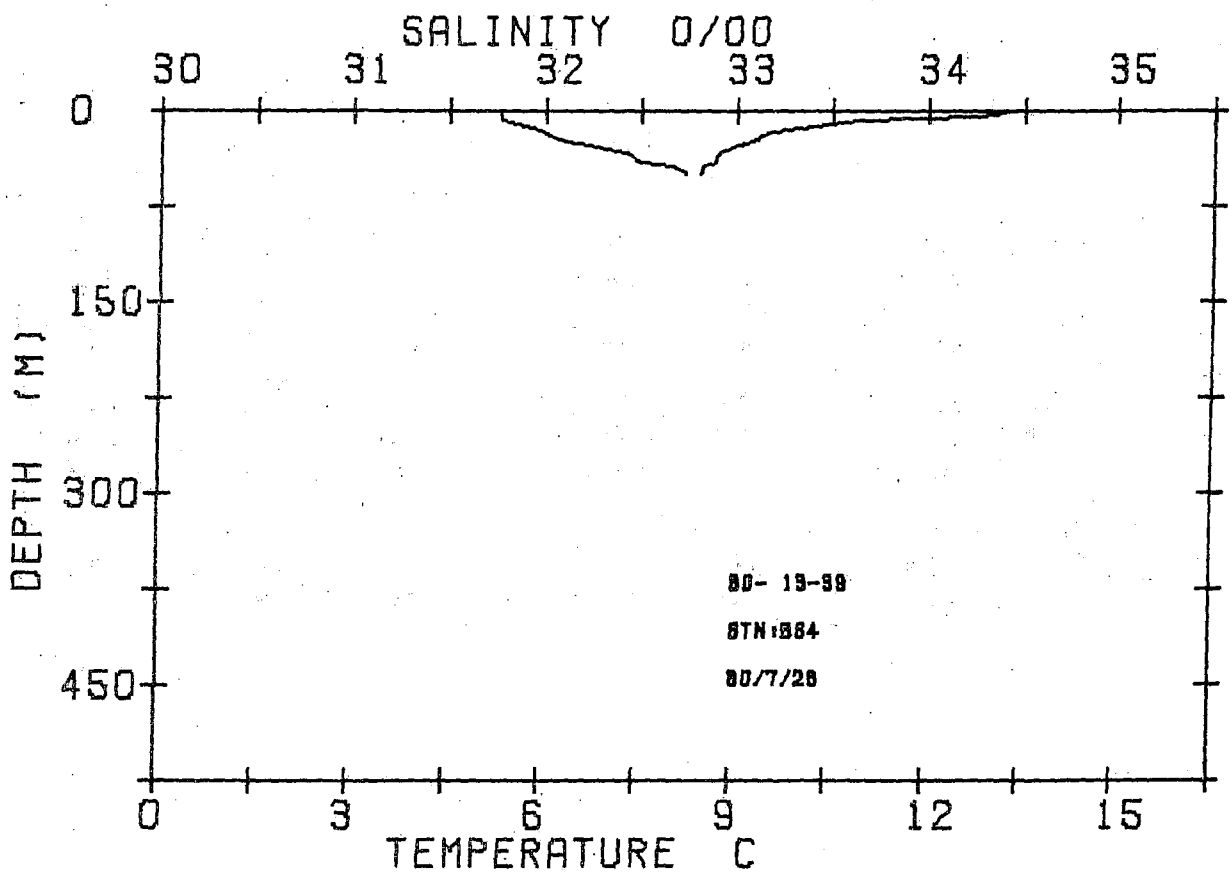

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-38
STN:869
80/7/28
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: BS3 CONS #038
LAT N 48 40.4 LONG W 125 34.5
DATE 80/07/26 TIME (PST) 2103

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.86	31.72	23.93	399.0	.00	.00	1496.3
10	11.34	31.92	24.34	359.4	.38	.02	1491.4
20	9.53	32.22	24.89	307.7	.70	.07	1485.4
30	9.13	32.40	25.09	289.0	1.00	.14	1484.3
50	8.66	32.74	25.42	257.2	1.55	.36	1483.3
75	8.37	32.94	25.63	238.3	2.16	.74	1482.9
100	8.34	32.96	25.65	236.8	2.76	1.26	1483.2
125	8.12	33.09	25.78	224.5	3.33	1.91	1482.9
150	7.79	33.31	26.00	203.9	3.87	2.65	1482.4
175	7.56	33.44	26.14	191.4	4.36	3.44	1482.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.1	7.56	33.44	26.14	191.3	4.36	3.45	1482.0

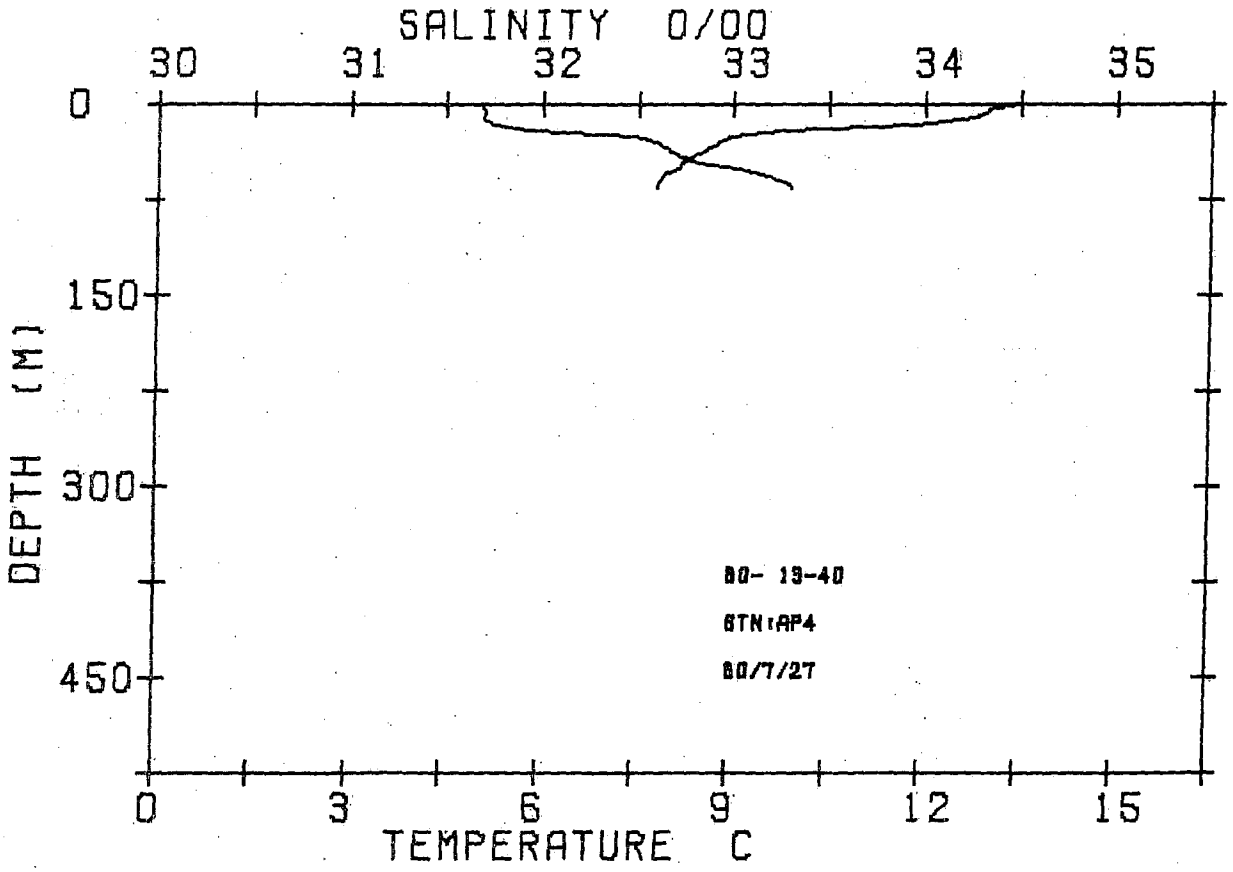

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-99
STN:884
80/7/28
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: BS4 CONS #039
LAT N 48 36.4 LONG W 125 40.1
DATE 80/07/26 TIME (PST) 2247

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.32	31.76	23.85	406.3	.00	.00	1497.9
10	10.54	31.84	24.42	352.3	.38	.02	1488.5
20	9.40	32.03	24.76	319.9	.72	.07	1484.7
30	8.86	32.34	25.08	289.3	1.02	.14	1483.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
49.0	8.44	32.73	25.45	254.5	1.54	.35	1482.4

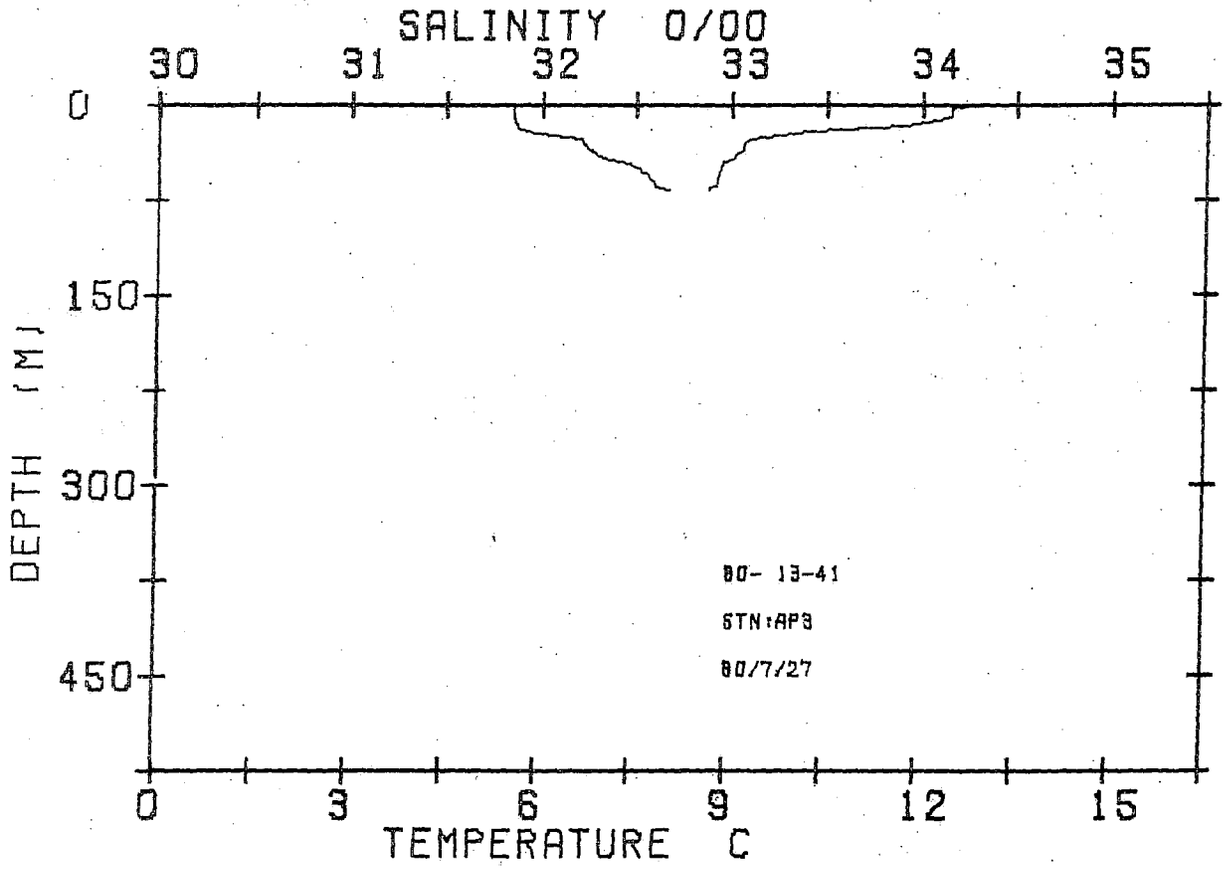

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 19-40
STN:AP4
80/7/27
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: AP4 CONS #040
LAT N 48 41.5 LONG W 125 52.5
DATE 80/07/27 TIME (PST) 0034

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.49	31.68	23.76	415.2	.00	.00	1498.4
10	12.84	31.69	23.89	402.8	.41	.02	1496.4
20	10.19	31.89	24.52	343.0	.79	.08	1487.4
30	8.81	32.59	25.29	269.6	1.08	.15	1483.4
50	8.17	32.99	25.69	231.4	1.59	.35	1481.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
66.0	7.80	33.31	26.00	202.6	1.93	.55	1481.0

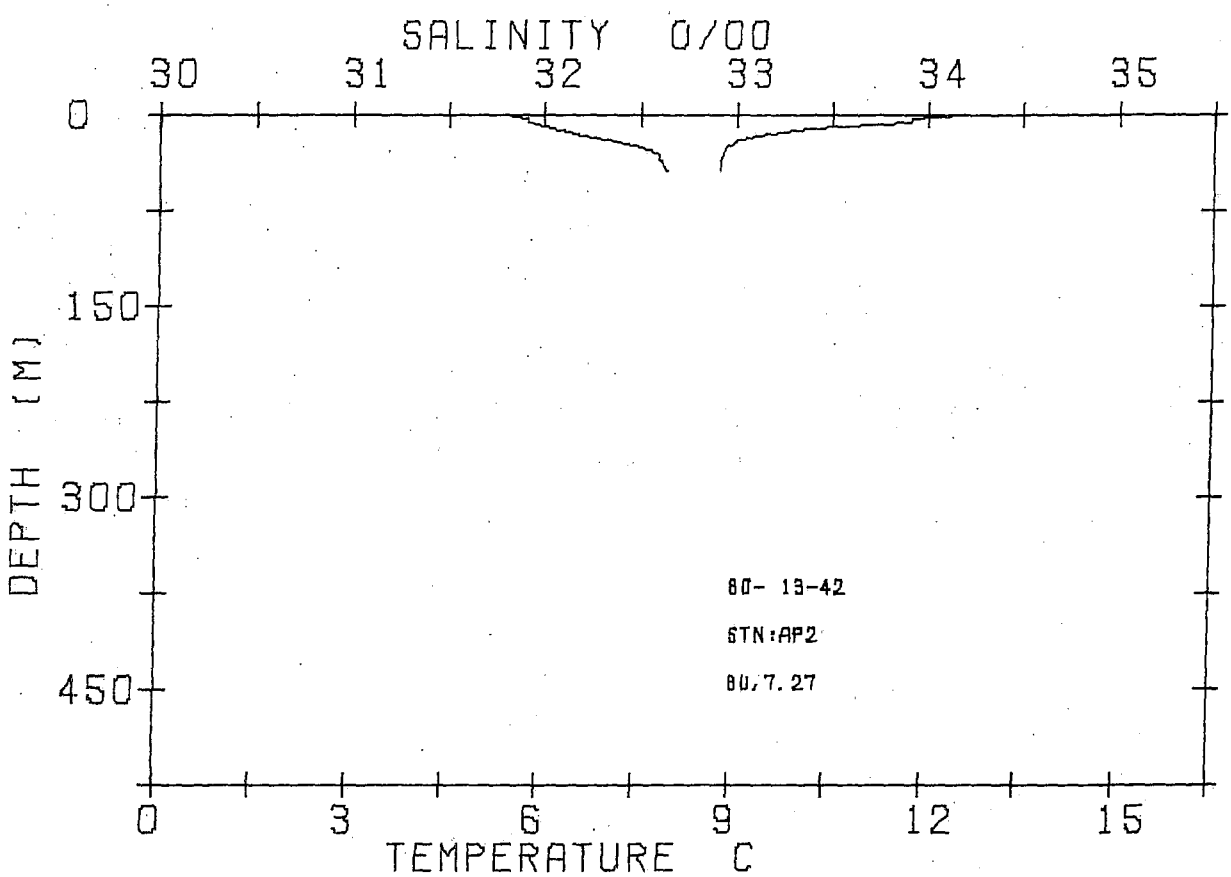

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-41
STN:AP3
80/7/27
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: AP3 CONS #041
LAT N 48 45.4 LONG W 125 47.1
DATE 80/07/27 TIME (PST) 0134

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.76	31.84	24.02	390.0	.00	.00	1496.1
10	12.43	31.85	24.09	383.6	.38	.02	1495.1
20	10.57	31.90	24.46	348.2	.75	.07	1488.8
30	9.24	32.22	24.93	303.4	1.08	.15	1484.5
50	8.86	32.51	25.22	277.0	1.66	.39	1483.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
67.0	8.65	32.67	25.37	262.3	2.12	.66	1483.5

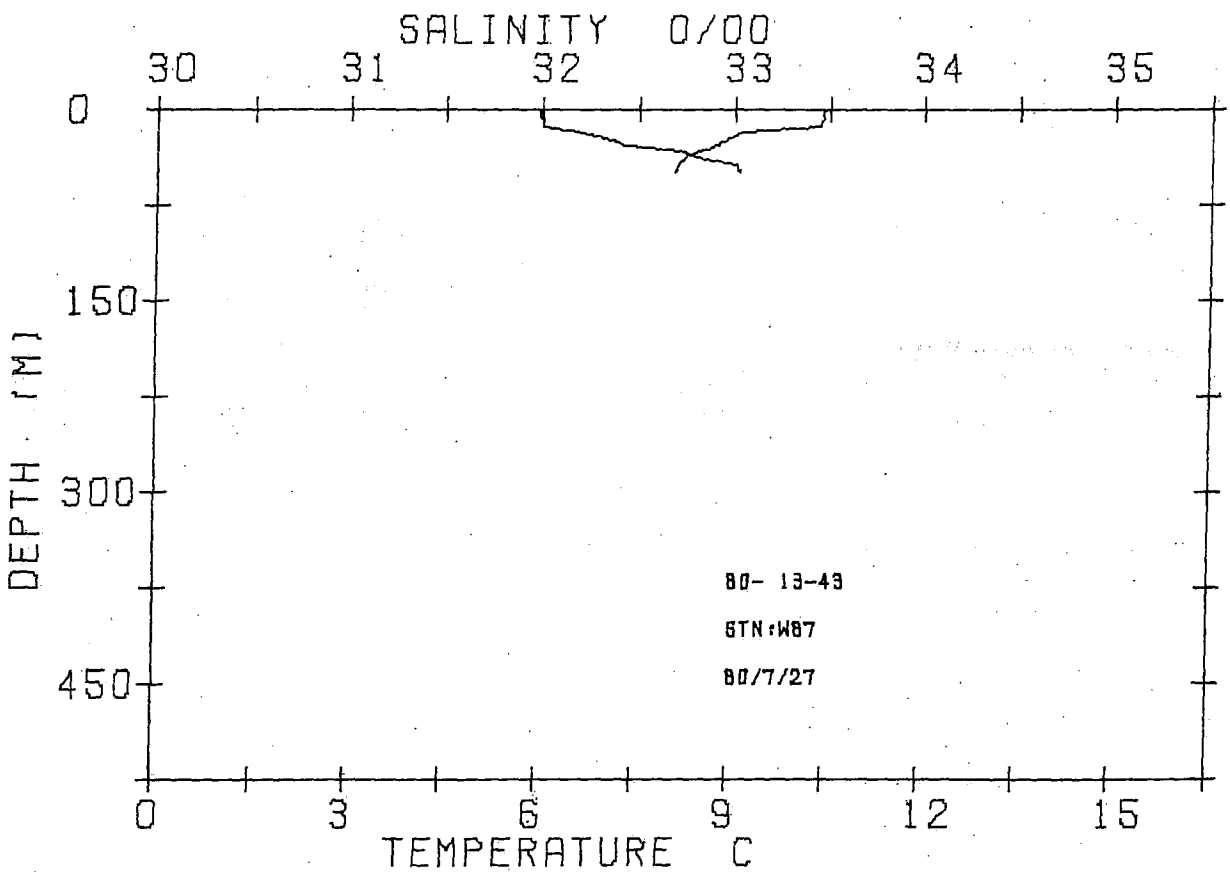

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-42
STN:AP2
80.7.27
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: AP2 CONS #042
LAT N 48 49.3 LONG W 125 41.4
DATE 80/07/27 TIME (PST) 0233

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.57	31.81	24.04	387.9	.00	.00	1495.4
10	10.48	32.02	24.57	337.6	.36	.02	1488.5
20	9.05	32.34	25.06	291.5	.67	.06	1483.8
30	8.80	32.57	25.28	271.0	.95	.13	1483.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
44.0	8.72	32.64	25.34	265.2	1.33	.27	1483.3

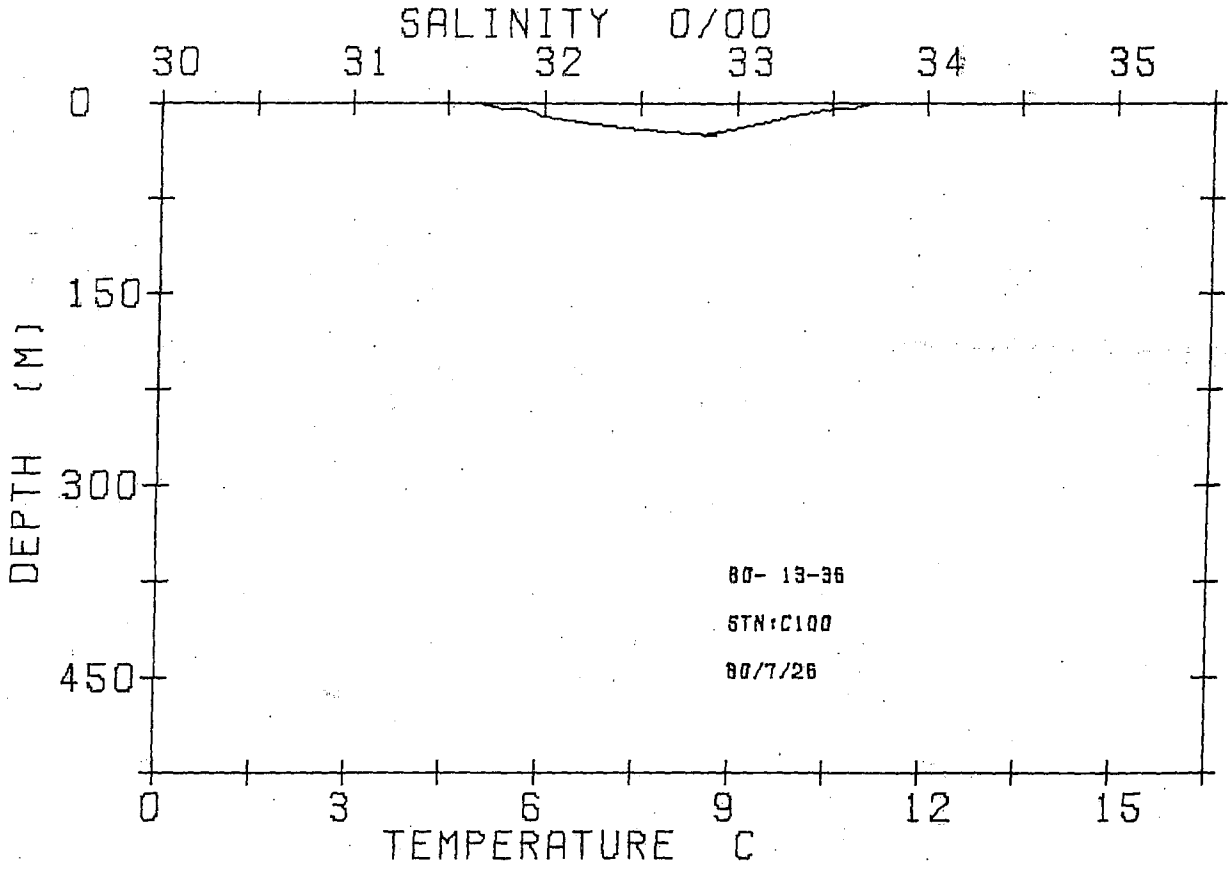

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-43
STN:W87
80/7/27
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: W87 CONS #043
LAT N 48 54.5 LONG W 125 54.6
DATE 80/07/27 TIME (PST) 0429

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.46	31.98	24.54	340.1	.00	.00	1488.2
10	10.39	32.00	24.57	337.7	.34	.02	1488.1
20	9.05	32.26	24.99	298.1	.66	.07	1483.7
30	8.62	32.55	25.29	269.8	.94	.14	1482.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
49.0	8.08	33.03	25.74	227.1	1.41	.32	1481.5

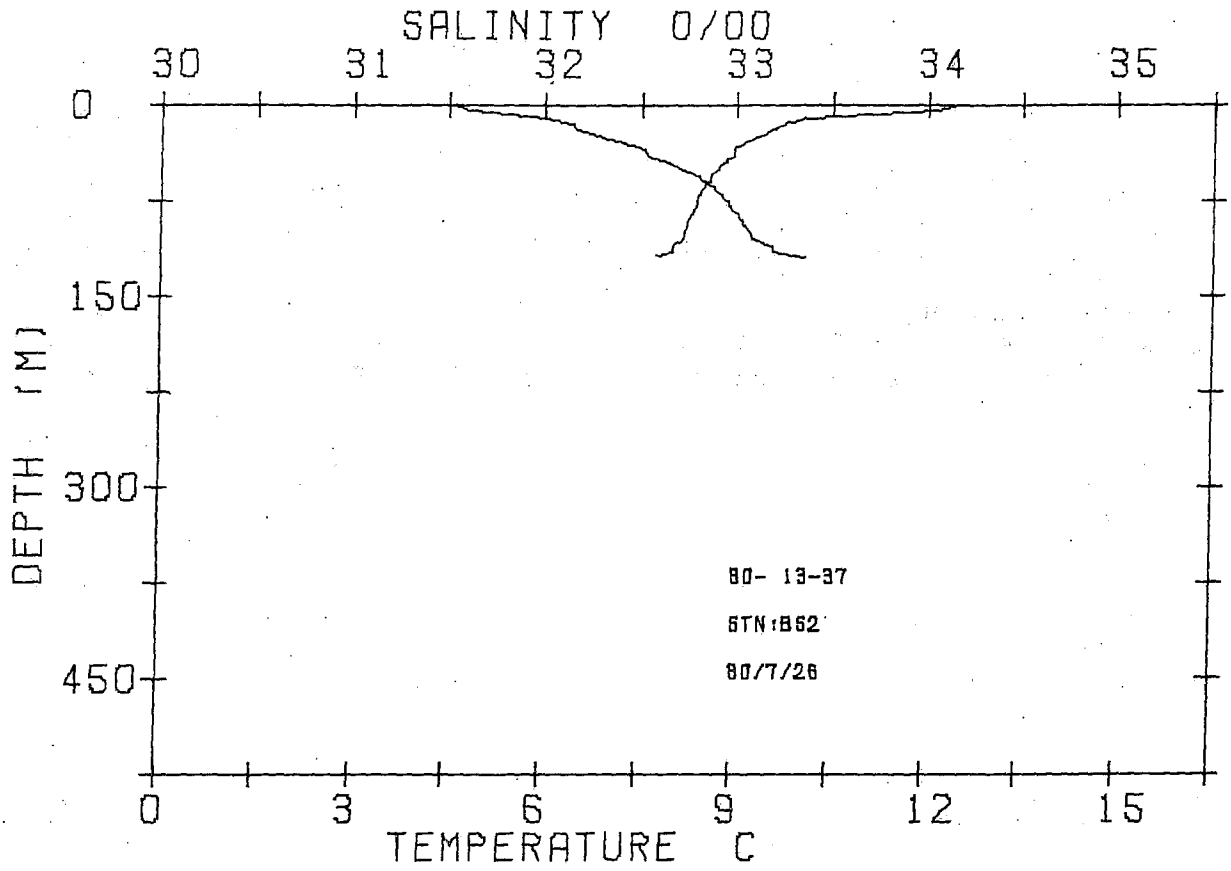

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-36
STN:C100
80/7/26
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: C100 CONS #036
LAT N 48 40.5 LONG W 125 00.3
DATE 80/07/26 TIME (PST) 1757

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.19	31.64	24.16	376.9	.00	.00	1490.4
10	9.85	31.99	24.65	329.9	.35	.02	1486.1
20	9.05	32.41	25.11	286.7	.66	.06	1483.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
25.0	8.46	32.89	25.57	242.5	.79	.09	1482.3


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 13-37
STN:B62
80/7/26
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-13.
STATION: BS2 CONS #037
LAT N 48 44.4 LONG W 125 29.1
DATE 80/07/26 TIME (PST) 2003

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.48	31.53	23.84	407.4	.00	.00	1494.8
10	10.24	32.00	24.59	335.6	.38	.02	1487.6
20	9.59	32.17	24.83	312.8	.70	.07	1485.6
30	9.12	32.41	25.10	287.9	1.00	.14	1484.3
50	8.71	32.71	25.40	259.6	1.55	.36	1483.5
75	8.38	32.95	25.63	237.8	2.17	.74	1482.9
100	8.18	33.08	25.76	225.7	2.75	1.25	1482.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
120.1	7.69	33.36	26.06	198.2	3.18	1.73	1481.5

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OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 1 DATE 22/ 7/80 GMT 19.1
POSITION 48-13.5 N, 123-35.0 W STATION JF10
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.140
10			5.040
20			4.190
30			3.880
50			3.290
75			2.730
125			2.130
135			2.150

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 5 DATE 22/ 7/80 GMT 22.3
POSITION 48-18.8 N, 124- 5.5 W STATION JF6
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.360
20			4.260
30			4.160
50			3.910
75			2.980
100			2.500
125			2.030
175			2.040

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 7 DATE 23/ 7/80 GMT .4
POSITION 48-24.5 N, 124-23.0 W STATION JF4
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.530
10			5.320
20			5.290
30			4.160
50			3.730
75			2.750
100			2.400
150			2.420
175			2.620
190			2.290

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 9 DATE 23/ 7/80 GMT 3.3
POSITION 48-28.5 N, 124-39.0 W STATION JF2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.680
10			4.620
20			3.740
30			3.440
50			2.880
100			2.440
125			2.290
150			2.470
175			2.720
200			2.210
220			2.140

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 11 DATE 25/ 7/80 GMT .0
POSITION 49- 9.9 N, 124-48.6 W STATION A1
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.080
50			2.450
75			2.770
100			2.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 12 DATE 25/ 7/80 GMT 9.9
POSITION 49- 7.1 N, 124-48.8 W STATION A2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	9.19		5.550
50			3.190
85			2.980

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 15 DATE 25/ 7/80 GMT 12.2
POSITION 48-59.6 N, 124-53.4 W STATION A5
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.750
50			2.860
75			2.800
100			2.900
125			2.690
150			2.640
200			2.520
250			2.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 17 DATE 25/ 7/80 GMT 13.8
POSITION 48-57.0 N, 125- 1.3 W STATION A7
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.950
50			2.740
75			2.430
100			2.620
125			2.560
150			2.520
200			2.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 19 DATE 25/ 7/80 GMT 15.4
POSITION 48-58.2 N, 125- 7.8 W STATION A12
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.900
50			2.810
75			2.210
80			2.360

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 21 DATE 25/ 7/80 GMT 17.2
POSITION 48-50.1 N, 125-15.8 W STATION A14
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.240
50			3.460
75			2.740
100			2.720

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 23 DATE 25/ 7/80 GMT 18.5
POSITION 48-51.5 N, 125- 8.1 W STATION A9
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.310
50			2.770
75			1.920
100			2.680
125			2.220

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 25 DATE 25/ 7/80 GMT 19.5
POSITION 48- 8.5 N, 126- .0 W STATION C111
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.740
10			6.650
30			6.850
75			5.440
100			4.060
150			2.010
200			2.070
350			1.190
500			.850
750			.350
1000	3.52		.320

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 26 DATE 26/ 7/80 GMT 4.9
POSITION 48-10.6 N, 125-56.2 W STATION C110
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.740
10			5.640
30			6.220
50			6.430
75			5.140
100			3.610
150			2.810
200			2.370
350			1.350
500			1.160
750			.400
850			.370

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 27 DATE 26/ 7/80 GMT 6.3
POSITION 48-12.9 N, 125-52.0 W STATION C109
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.120
10			5.480
30			5.350
50			5.500
75			4.250
150			2.690
175			2.520
200			2.570
350			1.280
480	5.13		.980

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 28 DATE 26/ 7/80 GMT 7.4
POSITION 48-15.1 N, 125-47.7 W STATION C108
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.850
10			4.860
20			4.320
30			4.190
50			4.110
75			3.810
100			2.900
125			2.550
150			2.450
175			2.320
200			2.120
250			1.920

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 29 DATE 26/ 7/80 GMT 8.8
POSITION 48-18.5 N, 125-41.1 W STATION C107
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.720
10			4.610
20			4.240
30			4.020
50			3.220
75			3.210
100			2.610
125			2.640
150			2.010

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 30 DATE 26/ 7/80 GMT 11.8
POSITION 48-22.5 N, 125-34.1 W STATION C106
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.560
10			4.950
20			3.570
30			3.000
50			2.060
75			2.030
100			1.660
125			2.000
150			1.980

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 31 DATE 26/ 7/80 GMT 12.8
POSITION 48-25.5 N, 125-28.2 W STATION C105
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.690
10			4.470
20			3.380
30			3.060
50			2.590
75			1.900
100			1.380
125			1.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 32 DATE 26/ 7/80 GMT 13.8
POSITION 48-29.4 N, 125-21.2 W STATION C104
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.360
10			5.230
20			3.820
30			3.280
50			2.550
75			2.000
100			1.640
125			1.700
140			1.770

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 33 DATE 26/ 7/80 GMT 14.0
POSITION 48-32.1 N, 125-15.5 W STATION C103
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.020
10			5.590
20			4.070
30			3.260
50			2.460
75			1.920

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 34 DATE 26/ 7/80 GMT 16.6
POSITION 48-35.5 N, 125- 9.0 W STATION C102
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.720
10			6.270
20			4.820
30			4.350
50			2.820
75			2.040
95			1.850

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 35 DATE 26/ 7/80 GMT 17.5
POSITION 48-39.0 N, 125- 2.5 W STATION C101
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.110
10			4.490
20			3.850
30			3.440
50			2.260

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 36 DATE 26/ 7/80 GMT 18.0
POSITION 48-40.5 N, 125- .3 W STATION C100
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.660
10			5.840
20			3.920
28			3.410

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 37 DATE 26/ 7/80 GMT 20.1
POSITION 48-44.4 N, 125-29.1 W STATION BS2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.920
10			4.490
20			4.130
30			3.440
50			3.160
75			2.980
100			2.820
120			2.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 38 DATE 26/ 7/80 GMT 21.1
POSITION 48-40.4 N, 125-34.5 W STATION BS3
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.940
10			5.160
20			3.790
50			3.140
75			3.020
100			2.990
125			2.790
150			2.750
175			2.490

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 39 DATE 26/ 7/80 GMT 22.8
POSITION 48-36.4 N, 125-40.1 W STATION BS4
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.410
10			6.310
20			4.460
30			3.830
50			3.380

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 40 DATE 27/ 7/80 GMT .6
POSITION 48-41.5 N, 125-52.5 W STATION AP4
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.290
10			6.070
20			7.050
30			3.910
50			3.420

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 41 DATE 27/ 7/80 GMT 1.6
POSITION 48-45.4 N, 125-47.1 W STATION AP3
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.930
10			7.850
20			7.700
30			3.930
50			3.420

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 42 DATE 27/ 7/80 GMT 2.6
POSITION 48-49.3 N, 125-41.4 W STATION AP2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.040
10			6.010
20			4.560
30			3.170
45			3.170

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 43 DATE 27/ 7/80 GMT 4.5
POSITION 48-54.5 N, 125-54.7 W STATION W87
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.950
10			6.070
20			4.060
30			3.070
50			2.590

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 45 DATE 27/ 7/80 GMT 14.3
POSITION 48-55.0 N, 126- 3.2 W STATION W85
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.200
10			7.490
20			3.800
30			3.790
50			2.910

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 46 DATE 27/ 7/80 GMT 15.5
POSITION 48-52.0 N, 126- 8.1 W STATION W84A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.460
10			7.540
20			4.850
30			3.870
50			3.400
75			3.090

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 47 DATE 27/ 7/80 GMT 16.7
POSITION 48-46.1 N, 126-17.7 W STATION W83A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.360
10			6.510
20			4.770
30			4.610
50			4.140
75			3.880
100			3.300
125			1.960
200			1.990

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 48 DATE 27/ 7/80 GMT 18.5
POSITION 48-37.2 N, 126-32.0 W STATION W82
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.560
10			6.460
30			6.520
50			6.330
100			4.970
150			3.850
200			3.460
350			2.090
500			.870
1000			.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 49 DATE 28/ 7/80 GMT 3.0
POSITION 48-42.0 N, 127-46.0 W STATION W18
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.950
10			5.940
30			6.520
50			6.960
75			6.670
100			5.070
150			3.670
200			3.060
350			2.170
500			.770
750			.360
1000			.920

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 52 DATE 28/ 7/80 GMT 9.0
POSITION 48-59.0 N, 127-19.5 W STATION W21
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.330
10			6.360
50			6.580
75			6.470
100			4.490
150			3.430
200			3.080
350			1.920
500			.760
750			.400
1000			.550

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 53 DATE 28/ 7/80 GMT 10.3
POSITION 49- 1.8 N, 127-15.3 W STATION W21A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.520
10			6.490
30			6.680
50			6.560
75			6.190
100			4.360
150			3.700
200			3.310
350			1.800
500			.800
750			.510
1000			.380

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 55 DATE 28/ 7/80 GMT 13.3
POSITION 49- 7.3 N, 127- 6.5 W STATION W22A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.400
10			6.270
30			5.750
50			6.090
75			4.830
100			3.160
150			2.850
200			3.230
350			1.730
500			.920
750			.380
850			.340

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 56 DATE 28/ 7/80 GMT 14.7
POSITION 49-12.8 N, 126-57.5 W STATION W23
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.650
10			6.660
20			6.540
30			4.420
50			4.590
75			3.550
100			3.520
150			2.820
175			3.150
200			2.950
350			2.780

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 57 DATE 28/ 7/80 GMT 15.8
POSITION 49-12.8 N, 126-57.5 W STATION W23A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.160
10			7.120
20			4.720
30			3.840
50			3.540
75			3.470
100			3.210
150			2.680
175			2.010

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 58 DATE 28/ 7/80 GMT 16.5
POSITION 49-15.5 N, 126-57.5 W STATION W24
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			5.260
20			4.290
30			3.960
50			3.350
75			2.650
100			2.460
125			2.050

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 59 DATE 28/ 7/80 GMT 17.3
POSITION 49-18.3 N, 126-48.8 W STATION W24A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.790
20			4.380
30			3.880
50			3.190
75			2.800
100			2.520
110			2.110

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 60 DATE 28/ 7/80 GMT 18.1
POSITION 49-21.5 N, 126-40.0 W STATION W25
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.470
10			5.120
20			4.310
30			4.020
50			2.630
75			1.970

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 61 DATE 28/ 7/80 GMT 19.4
POSITION 49-23.0 N, 126-40.0 W STATION W25A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			3.980
10			4.030
20			3.640
30			2.840
50			2.450

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 62 DATE 28/ 7/80 GMT 21.1
POSITION 49-30.5 N, 126-51.5 W STATION W26
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			4.460
10			3.180
20			3.150
30			3.080
50			2.430

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 63 DATE 28/ 7/80 GMT 22.3
POSITION 49-36.0 N, 127- 1.0 W STATION W27
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.870
10			5.700
20			4.260
30			3.870
50			3.390
75			2.780
90			2.060

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 64 DATE 28/ 7/80 GMT 23.4
POSITION 49-40.5 N, 127-11.0 W STATION W28
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.590
10			5.510
20			4.100
30			3.560
50			2.700
75			2.600
100			2.050

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 65 DATE 29/ 7/80 GMT .5
POSITION 49-48.5 N, 127-15.0 W STATION W28A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			4.400
10			4.340
20			4.410
30			3.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 66 DATE 29/ 7/80 GMT 1.2
POSITION 49-46.0 N, 127-20.0 W STATION W29
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.260
10			6.370
20			4.060
30			3.060
50			2.730
75			2.400

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 67 DATE 29/ 7/80 GMT 1.9
POSITION 49-43.3 N, 127-24.5 W STATION W29A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.230
10			6.170
20			6.170
30			3.830
50			3.310
75			2.410
90			2.490

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 68 DATE 29/ 7/80 GMT 2.8
POSITION 49-40.5 N, 127-29.0 W STATION W30
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.450
10			5.390
30			4.490
50			4.030
75			3.000
100			2.940
150			2.690
200			2.340
350			1.470
480			1.270

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 69 DATE 29/ 7/80 GMT 4.0
POSITION 49-37.5 N, 127-33.5 W STATION W30A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.610
10			5.620
20			4.790
30			4.990
50			4.140
75			3.340
100			3.000
140			2.540
200			2.130
350			1.290
500			.830
650			.500

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 70 DATE 29/ 7/80 GMT 5.0
POSITION 49-34.5 N, 127-38.0 W STATION W31
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.120
10			5.870
20			5.560
30			3.880
50			3.820
75			3.470
100			3.080
150			2.560
200			2.510
350			1.490
500			.760
600			.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 72 DATE 29/ 7/80 GMT 6.3
POSITION 49-31.7 N, 127-42.3 W STATION W31A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.780
10			6.280
20			5.500
30			4.130
50			4.130
75			4.180
100			3.280
150			2.870
350			1.400
500			.790
1000			.380

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 73 DATE 29/ 7/80 GMT 7.5
POSITION 49-29.0 N, 127-46.5 W STATION W32
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.450
10			6.500
30			6.040
50			5.770
100			3.860
150			3.460
200			3.240
350			1.450
500			.720
750			.310
1000			.270

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 74 DATE 29/ 7/80 GMT 9.9
POSITION 49-23.5 N, 127-55.0 W STATION W33
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.950
30			6.890
50			6.310
100			4.510
150			3.500
200			3.290
350			2.260
500			1.170
750			.430
1000			.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 77 DATE 29/ 7/80 GMT 19.2
POSITION 49-18.5 N, 128-36.5 W STATION W38
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.050
10			6.070
30			6.700
50			6.890
100			6.210
200			3.340
350			1.710
500			.930
750			.340

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 78 DATE 29/ 7/80 GMT 22.5
POSITION 49-31.5 N, 128-52.5 W STATION W40
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.110
10			6.180
30			7.040
50			6.910
100			5.980
150			3.740
200			2.960
500			.900
750			.390
1000			.370

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 79 DATE 30/ 7/80 GMT .2
POSITION 49-36.5 N, 128-44.5 W STATION W41
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.050
10			6.070
30			6.380
50			6.780
100			5.700
150			3.670
200			3.050
350			1.570
500			.780
750			.350
1000			.350

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 81 DATE 30/ 7/80 GMT 3.6
POSITION 49-47.0 N, 128-28.5 W STATION W43
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.210
10			5.960
30			6.310
50			6.830
75			6.260
100			5.560
150			3.720
200			2.560
350			1.500
500			1.040
750			.470
1000			.500

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 82 DATE 30/ 7/80 GMT 5.1
POSITION 49-51.5 N, 128-20.5 W STATION W44
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.260
10			6.860
30			5.790
50			5.210
75			6.700
100			5.280
150			3.220
200			2.800
350			1.750
500			.950
750			.380
1025			.420

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 83 DATE 30/ 7/80 GMT 6.9
POSITION 49-57.0 N, 128-12.5 W STATION W45
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.580
10			6.510
30			5.810
50			6.650
75			4.830
100			3.930
150			3.360
200			2.500
350			1.560
500			.820
750			.360
1000			.290

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 84 DATE 30/ 7/80 GMT 8.2
POSITION 49-59.2 N, 128- 8.5 W STATION W45A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
150			3.060
200			3.180
350			1.410
500			.760
750			.620

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 85 DATE 30/ 7/80 GMT 12.3
POSITION 49-59.1 N, 128- 8.5 W STATION W45A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.770
10			6.800
20			6.430
30			6.170
50			4.660
75			4.340
100			3.690
150			2.980
200			2.630
350			1.450
500			.780
750			.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 86 DATE 30/ 7/80 GMT 13.3
POSITION 50- 1.5 N, 128- 5.5 W STATION W46
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.680
10			6.750
20			5.790
30			5.400
50			4.300
75			4.250
100			3.110
125			2.810
140			2.670

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 87 DATE 30/ 7/80 GMT 14.2
POSITION 50- 3.8 N, 128- 2.0 W STATION W46A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.010
10			5.770
20			5.490
30			5.190
50			4.580
75			3.940
100			2.750
150			2.180
200			2.130
350			1.560
480			1.020

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 88 DATE 30/ 7/80 GMT 15.2
POSITION 50- 6.0 N, 127-58.0 W STATION W47
HYDROGRAPHIC CAST DATA

OBSERVED DATA

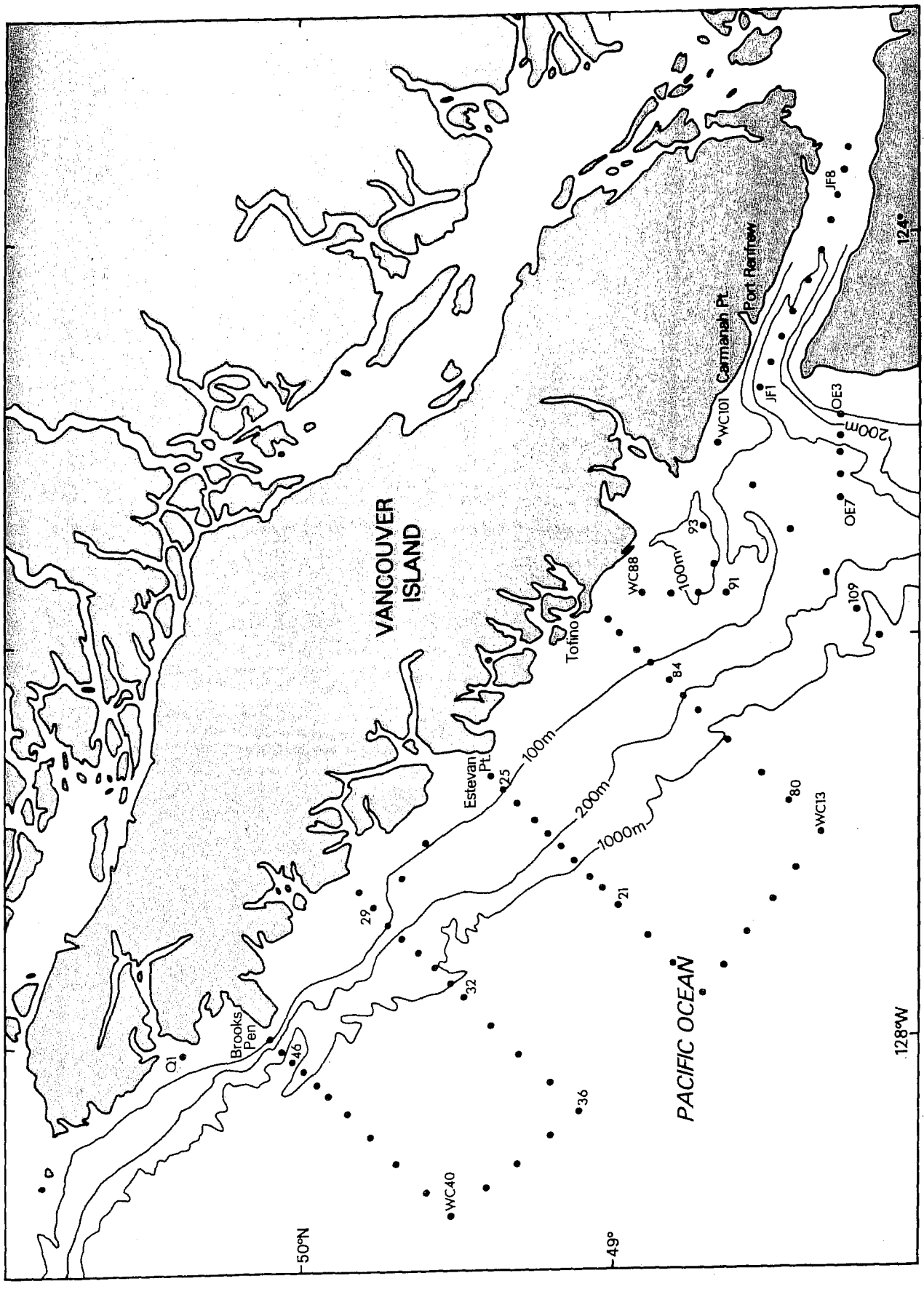
DEPTH	TEMP	SAL	OXY
0			8.630
10			6.610
20			4.230
30			3.410
50			3.240
75			2.820
90			3.090

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 13- 89 DATE 30/ 7/80 GMT 18.5
POSITION 50- 1.5 N, 128- 5.5 W STATION W46
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.860
50			5.400
75			3.030
100			3.290
150			2.910
200			2.270
350			1.400
500			.830
750			.530
1000			.390

CRUISE 80-14
SEPTEMBER 1980


VANCOUVER ISLAND
PACIFIC OCEAN
Brooks Pen
Estevan Pt.
Tofino
Carmanah Pt.
Port Renfrew
01
46
36
WC40
32
29
25
21
84
WC88
93
91
WC101
JF1
OE3
JF8
OE7
109
80
WC13
100m
200m
1000m
50°N
49°
128°W
124°

COASTAL OCEANIC DYNAMICS EXPERIMENT

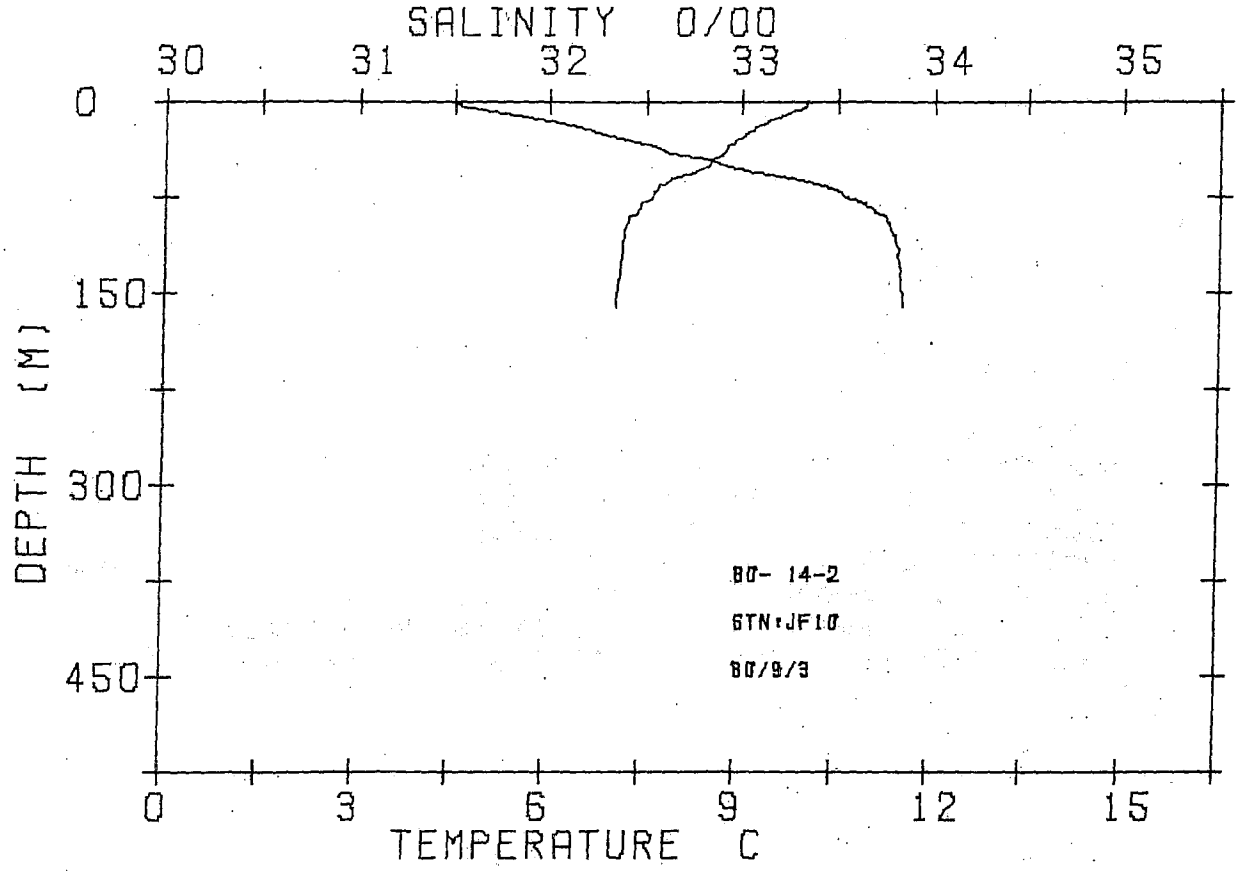
CRUISE 80-14. SEPTEMBER 3 - SEPTEMBER 10 , 1980

A. CRUISE SUMMARY :

1. NUMBER OF STATIONS PROCESSED : 89
2. NUMBER OF STATIONS OF DEPTH GREATER THAN 80.0 METRES
FOR WHICH THE DEPTH OF WIND MIXED LAYER COULD BE IDENTIFIED : 77

B. PARAMETERS,SYMBOLS,UNITS :

DEPTH : DEPTH : METRES
TEMPERATURE : TEMP : DEGREES CELCIUS
SALINITY : SAL : GRAMS PER KILOGRAM
SIGMA - T : SIG-T : (DIMENSIONLESS)
SPECIFIC VOLUME ANOMALY : SVA : 10EXP(-5)*CM*EXP(3)/GRAM
GEOPOTENTIAL ANOMALY : DELTA-D : JOULES/KGR
POTENTIAL ENERGY : POT.EN : 10EXP(8)ERGS/(CM*CM)
SPEED OF SOUND : SOUND : METRES/SECOND. -WILSON 1960-


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-2
STN:JF10
80/9/3
0
3
6
9
12
15
TEMPERATURE C

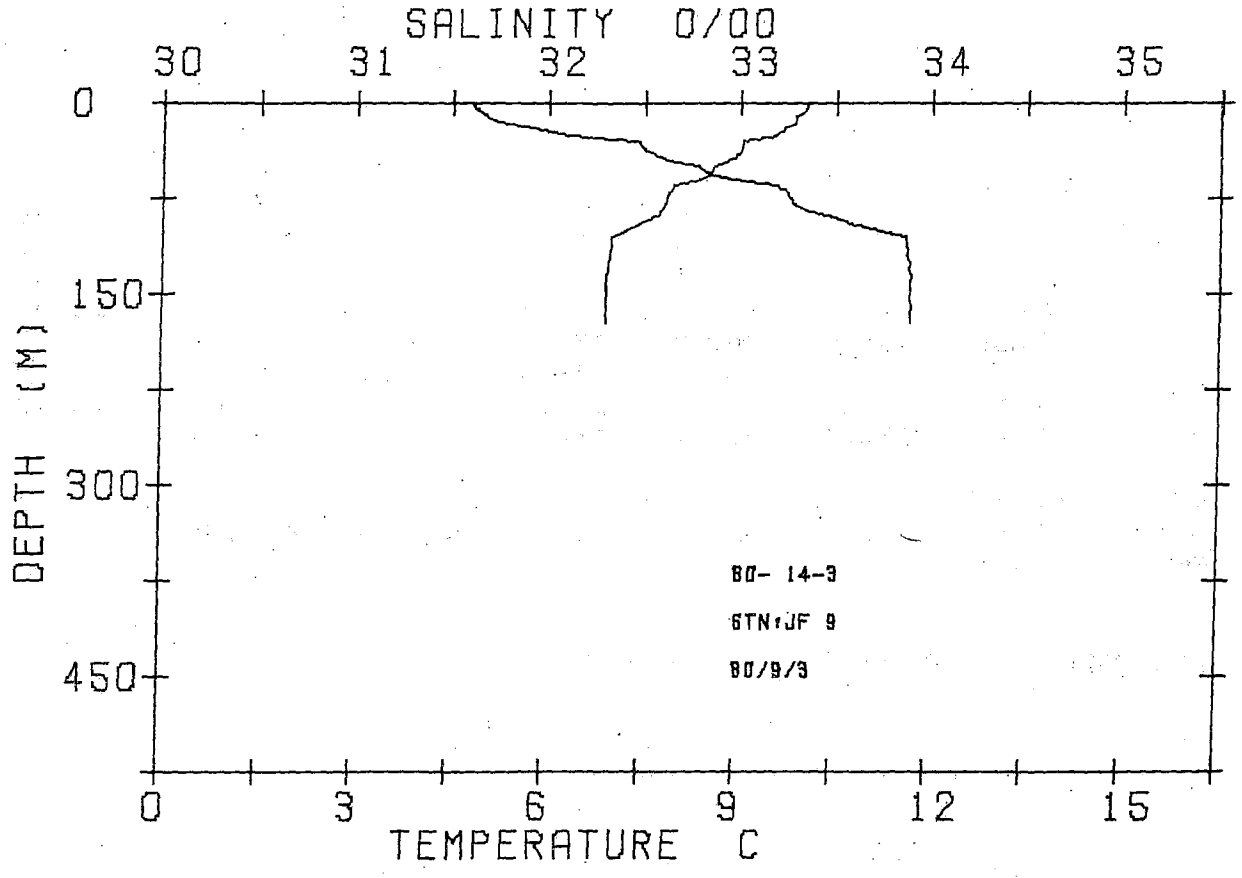
CRUISE : C.O.D.E. 80-14.
STATION: JF10 CONS #002
LAT N 48 13.5 LONG W 123 35.0
DATE 80/09/03 TIME (PST) 2240

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.01	31.51	24.26	367.5	.00	.00	1486.0
10	9.64	31.82	24.56	338.9	.36	.02	1485.1
20	9.21	32.16	24.89	307.8	.68	.07	1484.1
30	8.93	32.41	25.13	285.0	.98	.14	1483.6
50	8.47	32.90	25.58	242.5	1.50	.35	1482.8
75	7.59	33.55	26.22	182.1	2.01	.66	1480.7
100	7.18	33.78	26.46	159.4	2.43	1.03	1479.8
125	7.11	33.82	26.50	156.3	2.83	1.47	1480.0
150	7.06	33.84	26.52	154.5	3.21	2.01	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
160.2	7.05	33.84	26.52	154.6	3.37	2.25	1480.3

WIND MIXED LAYER DEPTH = 3.4 METRES


SALINITY O/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-3
STN:JF 9
80/9/3
0
3
6
9
12
15
TEMPERATURE C

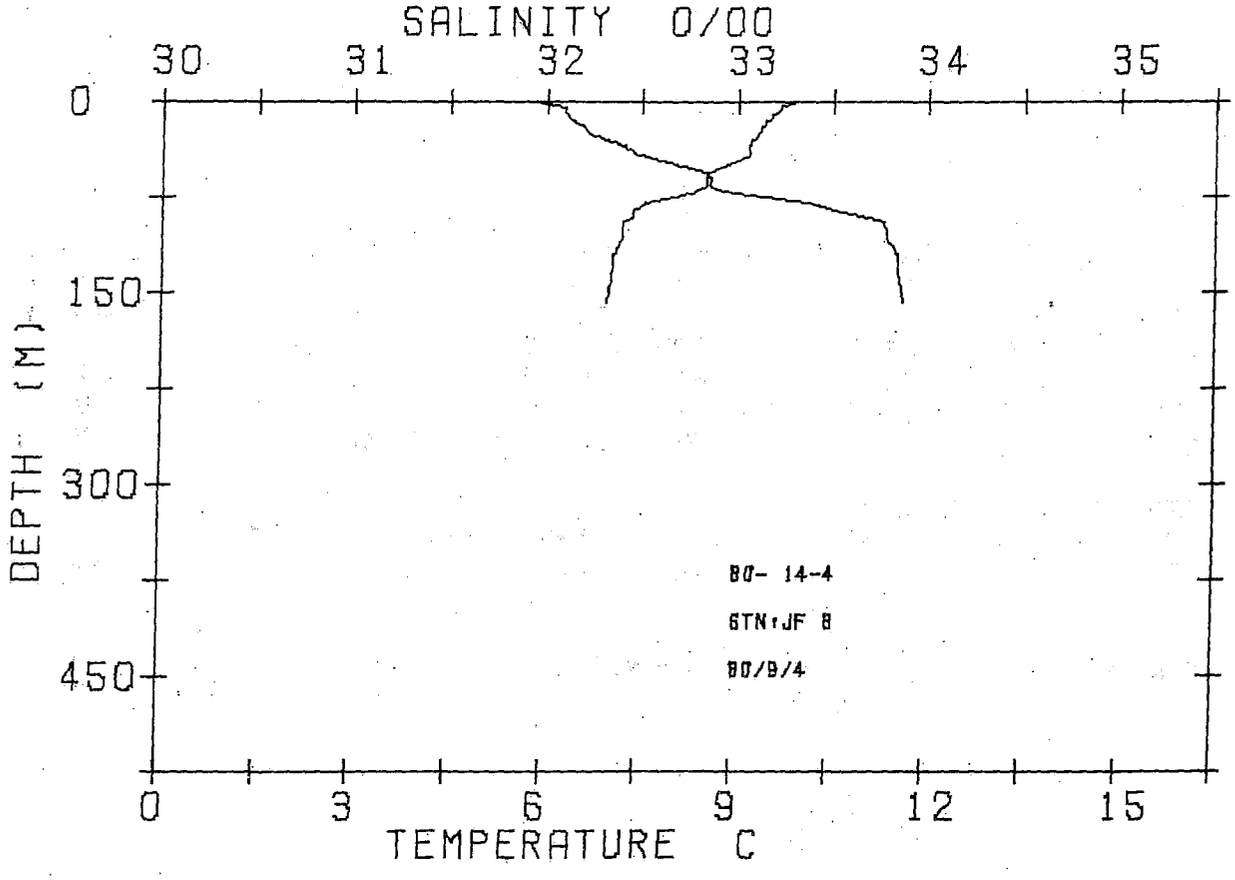
CRUISE : C.O.D.E. 80-14.
STATION: JF 9 CONS #003
LAT N 48 14.5 LONG W 123 40.8
DATE 80/09/03 TIME (PST) 2343

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.04	31.61	24.32	361.0	.00	.00	1486.2
10	9.87	31.68	24.41	353.1	.36	.02	1485.8
20	9.69	31.93	24.63	332.2	.70	.07	1485.6
30	9.08	32.44	25.13	284.8	1.02	.15	1484.2
50	8.58	32.78	25.47	253.1	1.56	.36	1483.1
75	7.82	33.27	25.97	205.7	2.13	.72	1481.2
100	7.18	33.73	26.42	163.7	2.61	1.13	1479.7
125	6.92	33.89	26.58	148.5	2.99	1.56	1479.3
150	6.91	33.89	26.58	148.7	3.36	2.07	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
173.2	6.90	33.89	26.58	148.6	3.70	2.62	1480.0

WIND MIXED LAYER DEPTH = 8.2 METRES

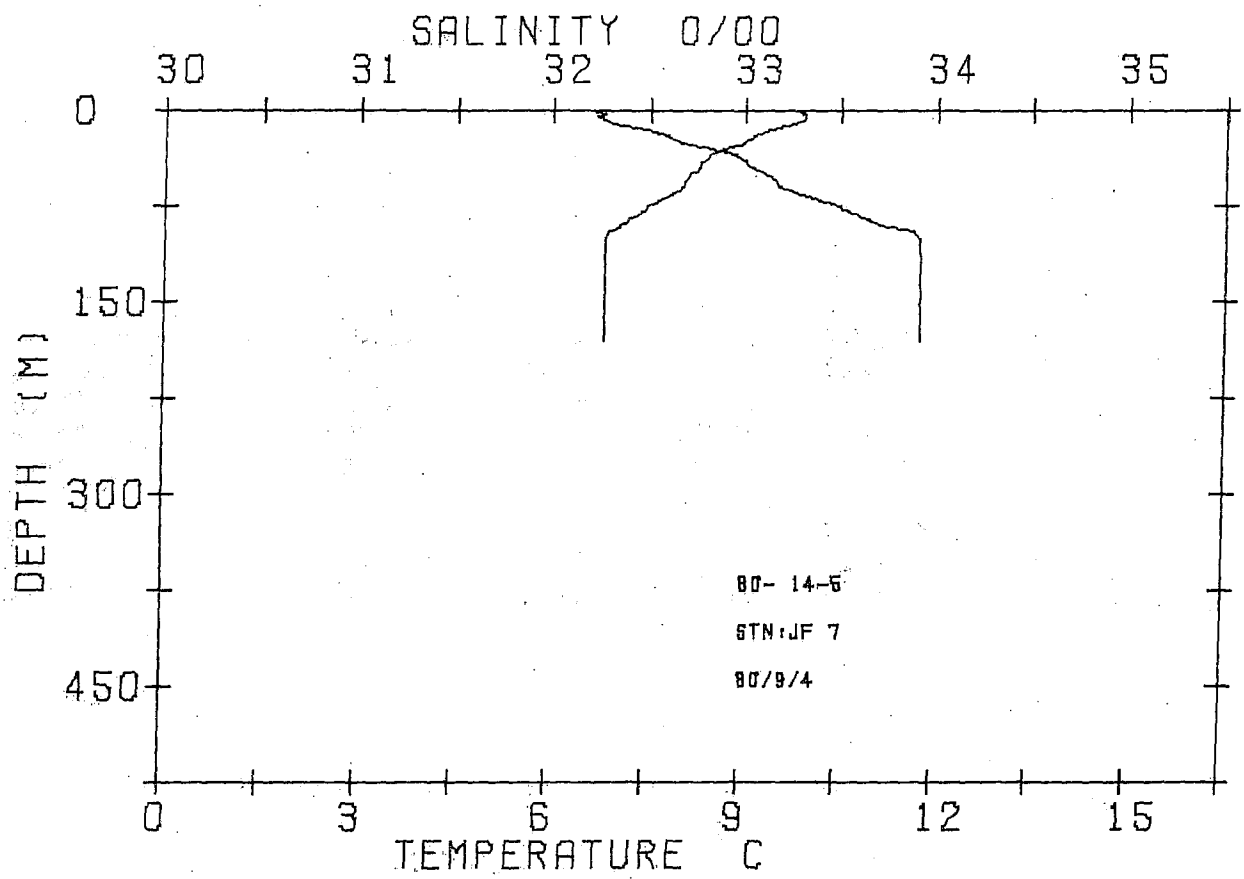

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-4
GTN:JF 8
80/8/4
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: JF 8 CONS #004
LAT N 48 16.0 LONG W 123 49.0
DATE 80/09/04 TIME (PST) 0029

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.88	31.94	24.61	333.6	.00	.00	1486.0
10	9.55	32.11	24.79	316.7	.32	.02	1485.2
20	9.35	32.20	24.90	306.9	.63	.06	1484.7
30	9.21	32.31	25.01	296.3	.94	.14	1484.5
50	8.82	32.67	25.35	264.1	1.50	.36	1483.8
75	7.99	33.13	25.83	218.5	2.11	.74	1481.7
100	7.19	33.78	26.46	159.5	2.56	1.13	1479.8
125	7.04	33.85	26.53	152.9	2.95	1.57	1479.8
150	6.98	33.87	26.56	150.9	3.33	2.10	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
157.0	6.95	33.88	26.57	150.2	3.44	2.26	1480.0


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-6
STN:JF 7
80/9/4
0
3
6
9
12
15
TEMPERATURE C

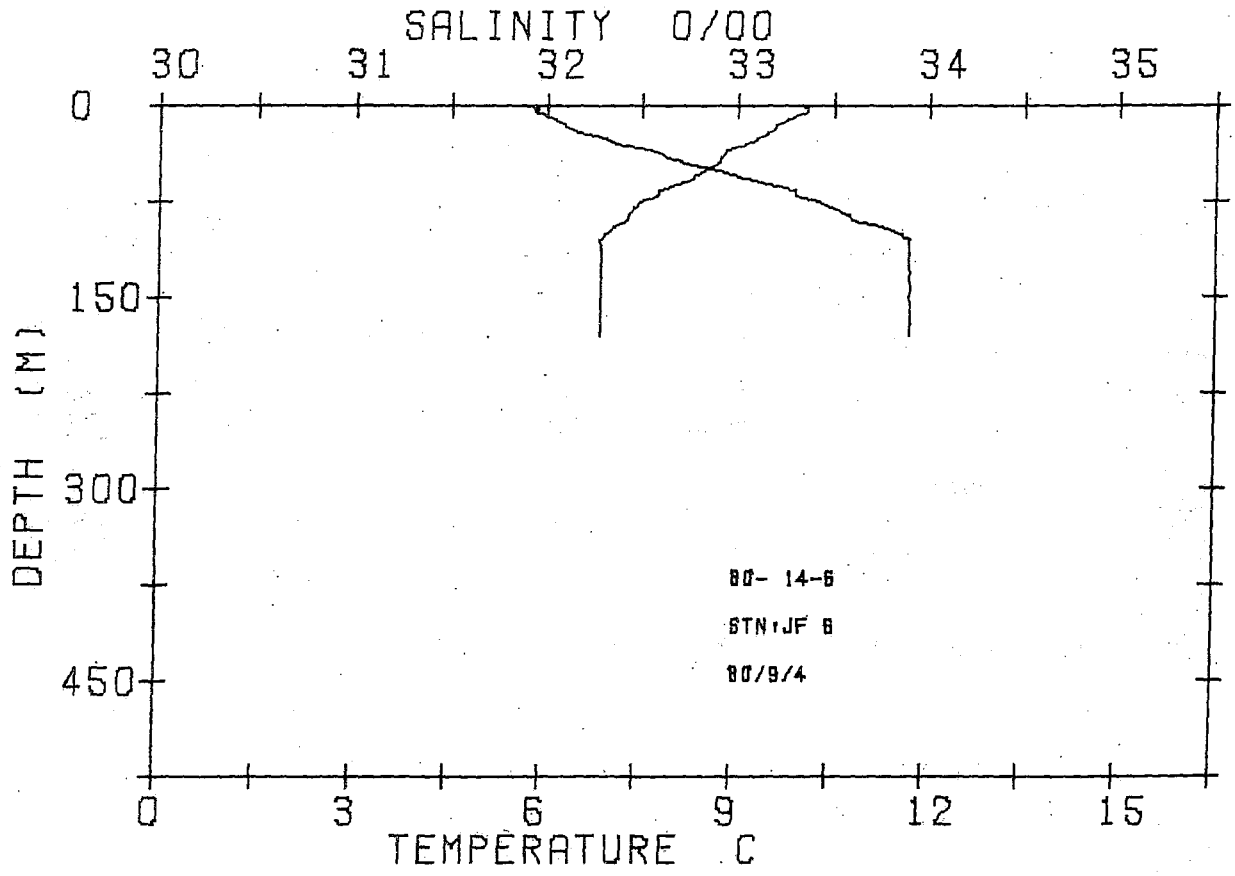
CRUISE : C.O.D.E. 80-14.
STATION: JF 7 CONS #005
LAT N 48 17.0 LONG W 123 57.5
DATE 80/09/04 TIME (PST) 0116

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.85	32.24	24.85	311.3	.00	.00	1486.3
10	9.75	32.31	24.92	304.6	.31	.02	1486.2
20	9.12	32.59	25.24	274.4	.60	.06	1484.4
30	8.67	32.82	25.48	251.0	.86	.12	1483.1
50	8.14	33.11	25.79	222.1	1.33	.31	1481.8
75	7.46	33.50	26.20	184.2	1.85	.63	1480.1
100	6.82	33.91	26.61	145.5	2.26	.99	1478.5
125	6.80	33.92	26.62	144.8	2.62	1.40	1478.9
150	6.81	33.91	26.61	145.4	2.98	1.90	1479.3
175	6.81	33.92	26.62	145.4	3.35	2.49	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
180.3	6.81	33.92	26.62	145.5	3.43	2.62	1479.8

WIND MIXED LAYER DEPTH = 5.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-6
STN:JF 6
80/9/4
0
3
6
9
12
15
TEMPERATURE C

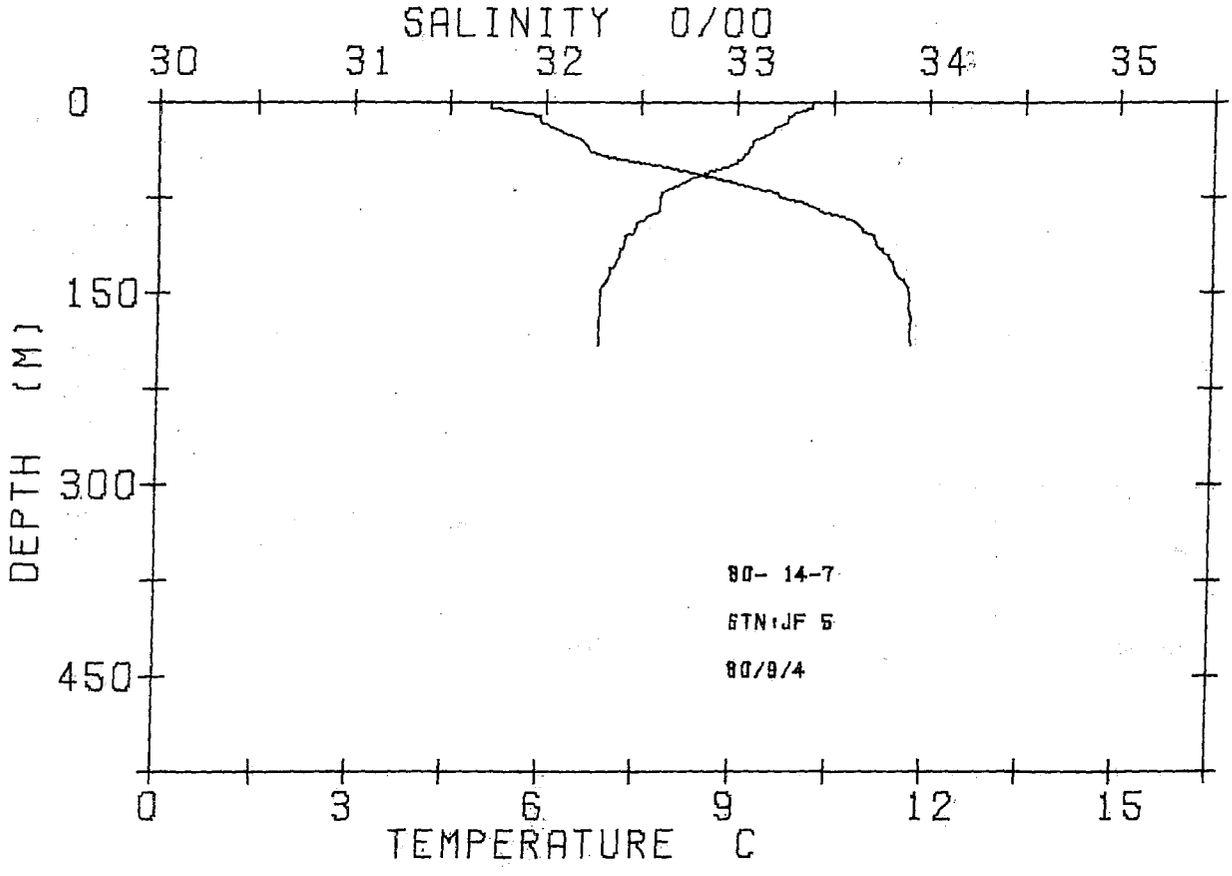
CRUISE : C.O.D.E. 80-14.
STATION: JF 6 CONS #006
LAT N 48 18.8 LONG W 124 05.5
DATE 80/09/04 TIME (PST) 0149

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.02	31.93	24.58	336.7	.00	.00	1486.6
10	9.79	32.04	24.70	325.3	.33	.02	1486.0
20	9.49	32.16	24.84	312.1	.65	.06	1485.2
30	9.13	32.37	25.06	291.0	.95	.14	1484.3
50	8.50	32.86	25.55	245.3	1.49	.35	1482.9
75	7.48	33.42	26.13	190.4	2.03	.68	1480.1
100	6.93	33.85	26.55	150.9	2.46	1.06	1478.9
125	6.86	33.90	26.60	146.7	2.82	1.47	1479.1
150	6.86	33.90	26.60	147.2	3.19	1.98	1479.5
175	6.88	33.91	26.60	147.3	3.56	2.57	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
180.4	6.88	33.91	26.61	146.7	3.64	2.72	1480.1

WIND MIXED LAYER DEPTH = 4.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-7
GTN:JF 5
80/9/4
0
3
6
9
12
15
TEMPERATURE C

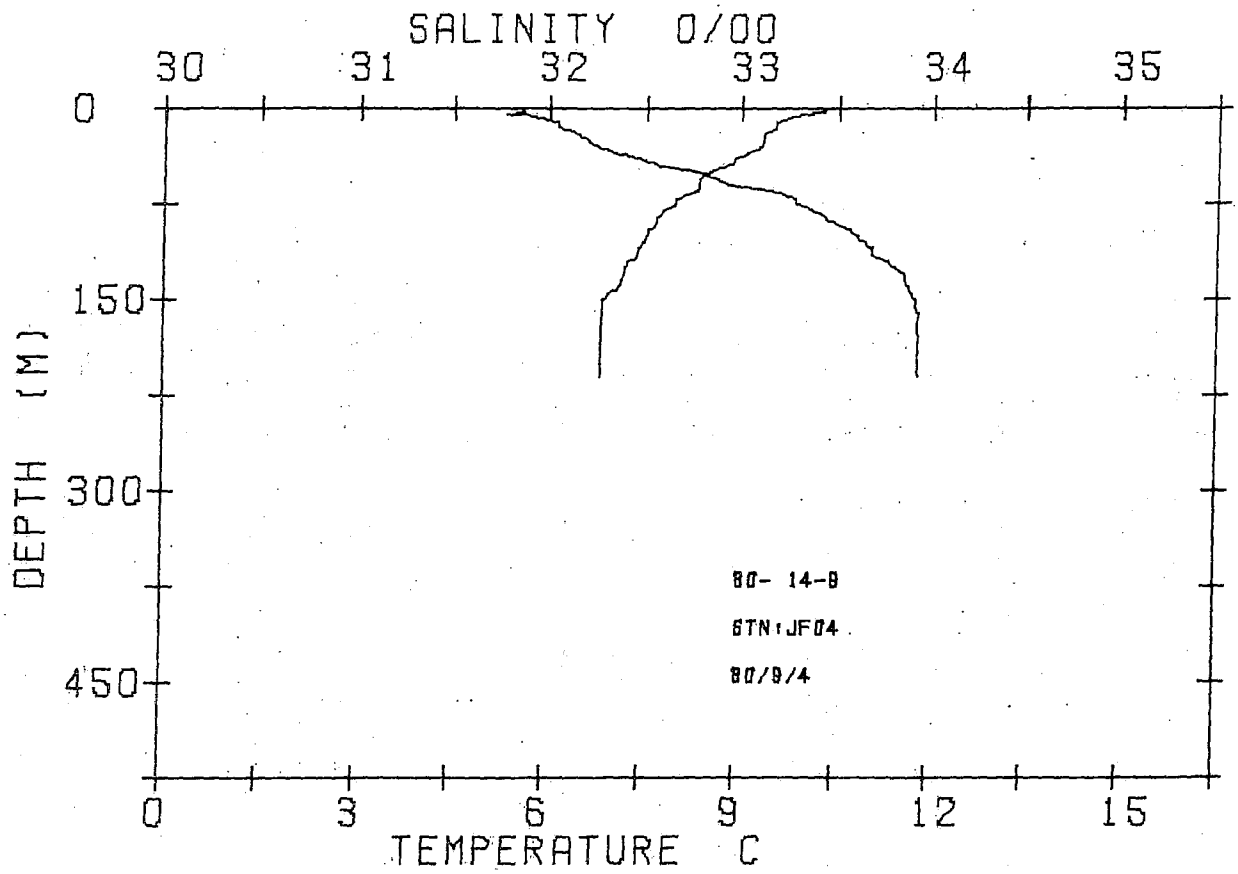
CRUISE : C.O.D.E. 80-14.
STATION: JF 5 CONS #007
LAT N 48 21.0 LONG W 124 14.2
DATE 80/09/04 TIME (PST) 0232

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.16	31.71	24.38	355.6	.00	.00	1486.8
10	9.77	31.97	24.65	330.3	.35	.02	1485.8
20	9.58	32.04	24.73	322.4	.68	.07	1485.4
30	9.25	32.20	24.91	305.4	.99	.14	1484.5
50	8.92	32.59	25.27	272.2	1.58	.38	1484.1
75	7.81	33.24	25.95	207.7	2.16	.74	1481.1
100	7.41	33.66	26.33	171.5	2.63	1.15	1480.5
125	7.14	33.82	26.49	156.8	3.04	1.61	1480.1
150	6.89	33.91	26.60	146.6	3.42	2.13	1479.6
175	6.88	33.91	26.60	146.8	3.79	2.72	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
190.1	6.88	33.92	26.61	146.9	4.01	3.13	1480.3

WIND MIXED LAYER DEPTH = 3.2 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-9
STN:JF04
80/9/4
0
3
6
9
12
15
TEMPERATURE C

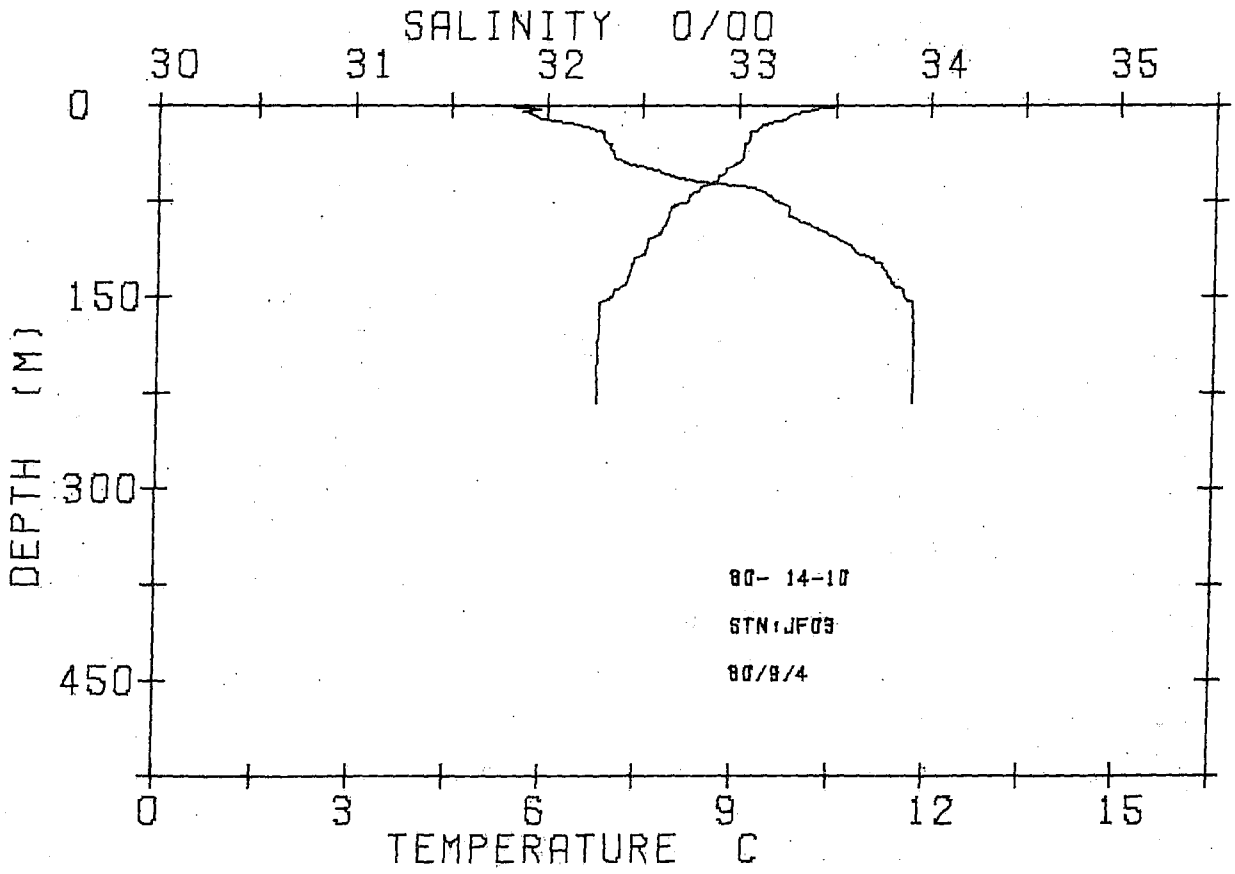
CRUISE : C.O.D.E. 80-14.
STATION: JF04 CONS #009
LAT N 48 24.5 LONG W 124 23.0
DATE 80/09/04 TIME (PST) 0409

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.27	31.86	24.49	345.6	.00	.00	1487.4
10	9.54	32.04	24.74	321.2	.34	.02	1485.1
20	9.36	32.15	24.86	310.6	.66	.06	1484.7
30	9.27	32.25	24.95	302.2	.96	.14	1484.6
50	8.49	32.77	25.47	252.4	1.52	.36	1482.7
75	7.94	33.30	25.97	205.6	2.09	.72	1481.7
100	7.51	33.60	26.27	177.7	2.57	1.13	1480.8
125	7.17	33.79	26.47	158.9	2.99	1.60	1480.2
150	6.86	33.91	26.61	146.3	3.37	2.13	1479.5
175	6.82	33.92	26.62	145.6	3.73	2.72	1479.7
200	6.81	33.92	26.62	145.6	4.10	3.40	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
210.0	6.81	33.93	26.63	145.1	4.24	3.70	1480.3

WIND MIXED LAYER DEPTH = 4.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-10
STN:JF03
80/9/4
0
3
6
9
12
15
TEMPERATURE C

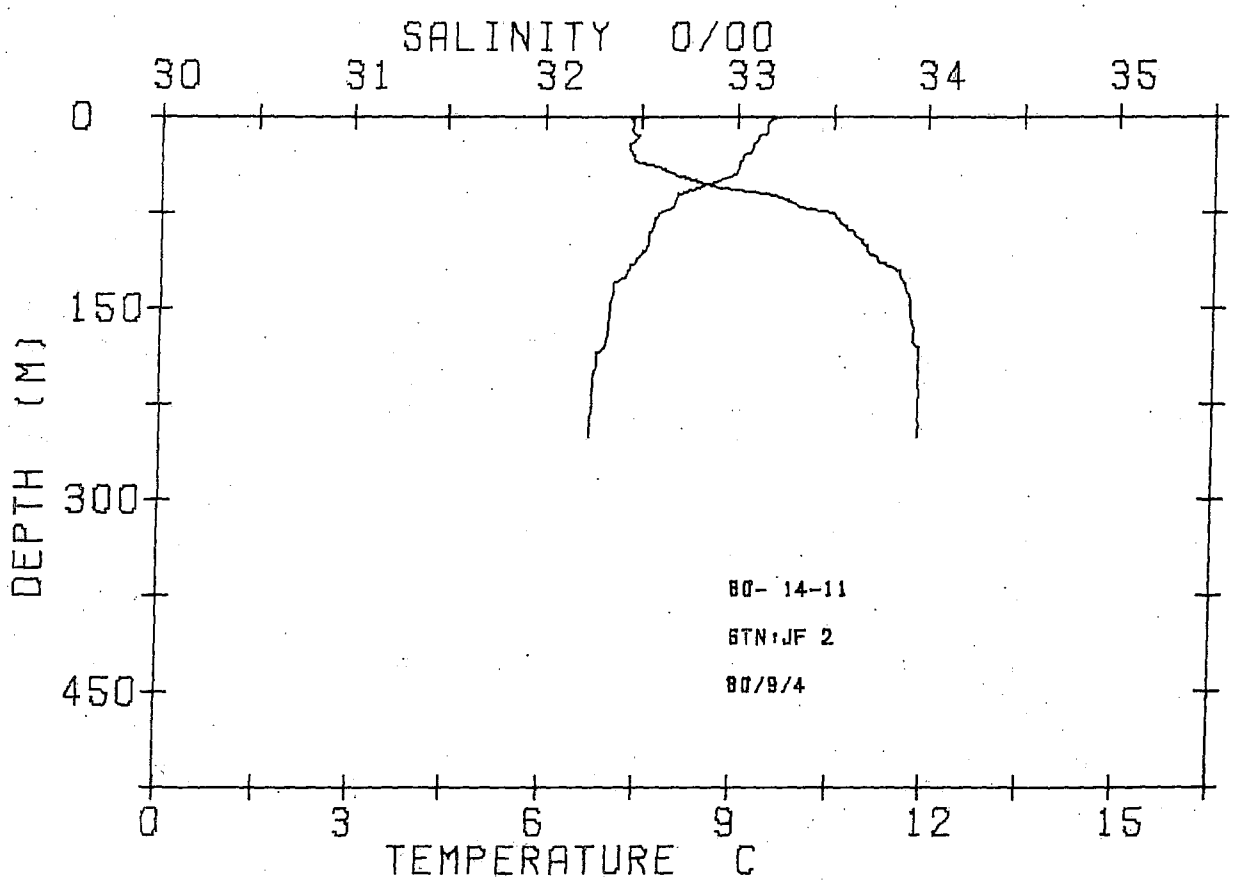
CRUISE : C.O.D.E. 80-14.
STATION: JF03 CONS #010
LAT N 48 26.0 LONG W 124 31.0
DATE 80/09/04 TIME (PST) 0452

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.45	31.83	24.43	350.7	.00	.00	1488.0
10	9.65	31.98	24.68	327.3	.34	.02	1485.4
20	9.20	32.29	24.99	298.1	.65	.06	1484.3
30	9.10	32.33	25.04	293.6	.95	.14	1484.1
50	8.82	32.55	25.25	273.5	1.52	.37	1483.7
75	8.21	33.20	25.85	216.9	2.13	.74	1482.6
100	7.78	33.46	26.12	191.9	2.64	1.19	1481.7
125	7.36	33.75	26.41	164.6	3.08	1.68	1480.8
150	7.02	33.88	26.55	151.2	3.48	2.23	1480.1
175	6.85	33.92	26.62	145.6	3.84	2.82	1479.9
200	6.83	33.93	26.62	145.2	4.21	3.50	1480.2
225	6.83	33.93	26.63	145.4	4.57	4.27	1480.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
232.0	6.83	33.93	26.63	145.6	4.67	4.51	1480.8

WIND MIXED LAYER DEPTH = 4.1 METRES

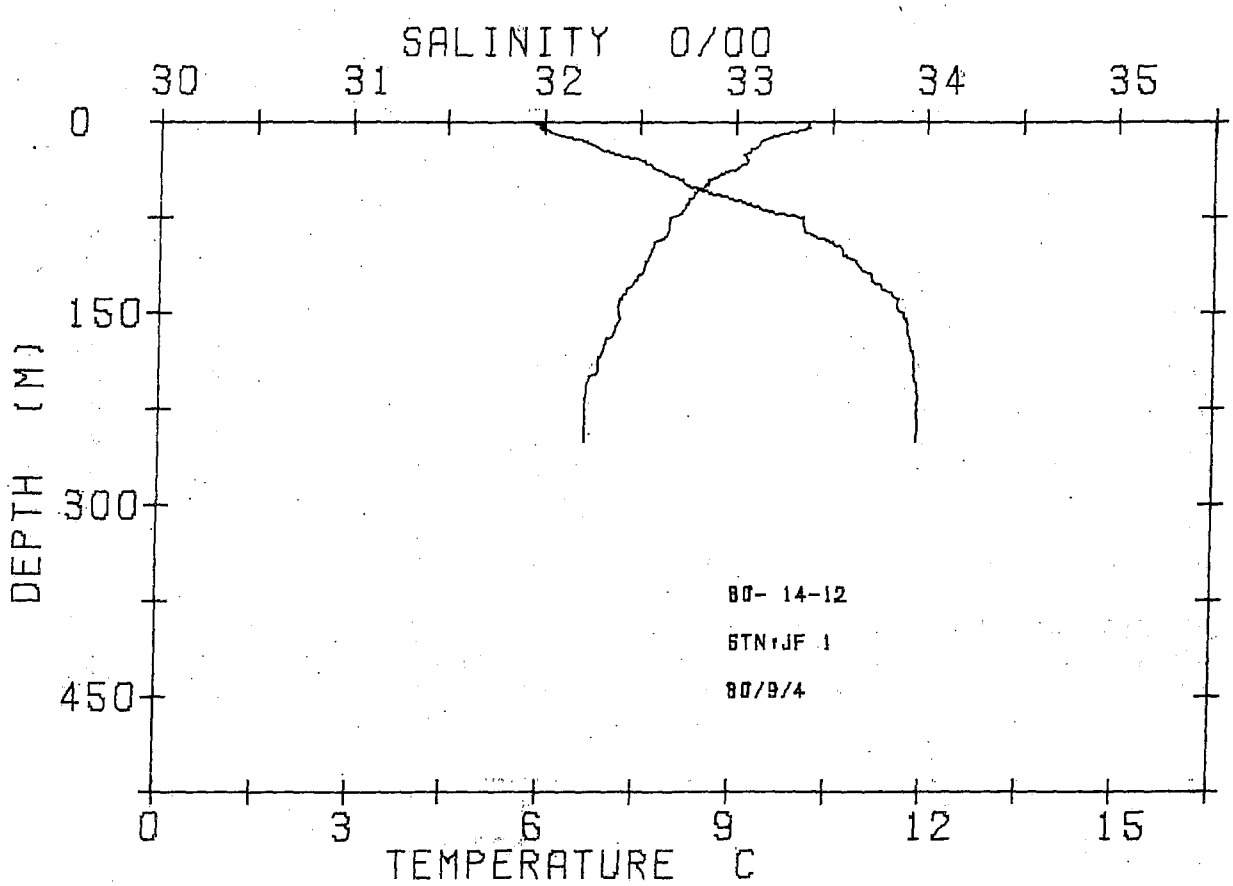

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-11
STN:JF 2
80/9/4
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: JF 2 CONS #011
LAT N 48 28.5 LONG W 124 39.0
DATE 80/09/04 TIME (PST) 1336

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.56	32.44	25.05	292.0	.00	.00	1485.5
10	9.46	32.45	25.07	289.7	.29	.01	1485.3
20	9.24	32.44	25.11	287.0	.58	.06	1484.6
30	9.10	32.46	25.14	283.6	.86	.13	1484.3
50	8.65	32.81	25.48	251.9	1.41	.35	1483.4
75	7.80	33.49	26.15	188.9	1.95	.68	1481.4
100	7.59	33.68	26.32	172.9	2.40	1.08	1481.2
125	7.27	33.86	26.51	155.4	2.81	1.54	1480.7
150	7.02	33.92	26.59	147.8	3.19	2.05	1480.2
175	6.97	33.93	26.61	146.5	3.56	2.65	1480.4
200	6.79	33.96	26.65	142.5	3.91	3.32	1480.1
225	6.74	33.96	26.66	141.9	4.27	4.08	1480.3
250	6.73	33.96	26.66	142.2	4.62	4.92	1480.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
250.1	6.73	33.96	26.66	142.2	4.63	4.92	1480.7


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-12
STN JF 1
80/9/4
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: JF 1 CONS #012
LAT N 48 30.5 LONG W 124 46.5
DATE 80/09/04 TIME (PST) 1414

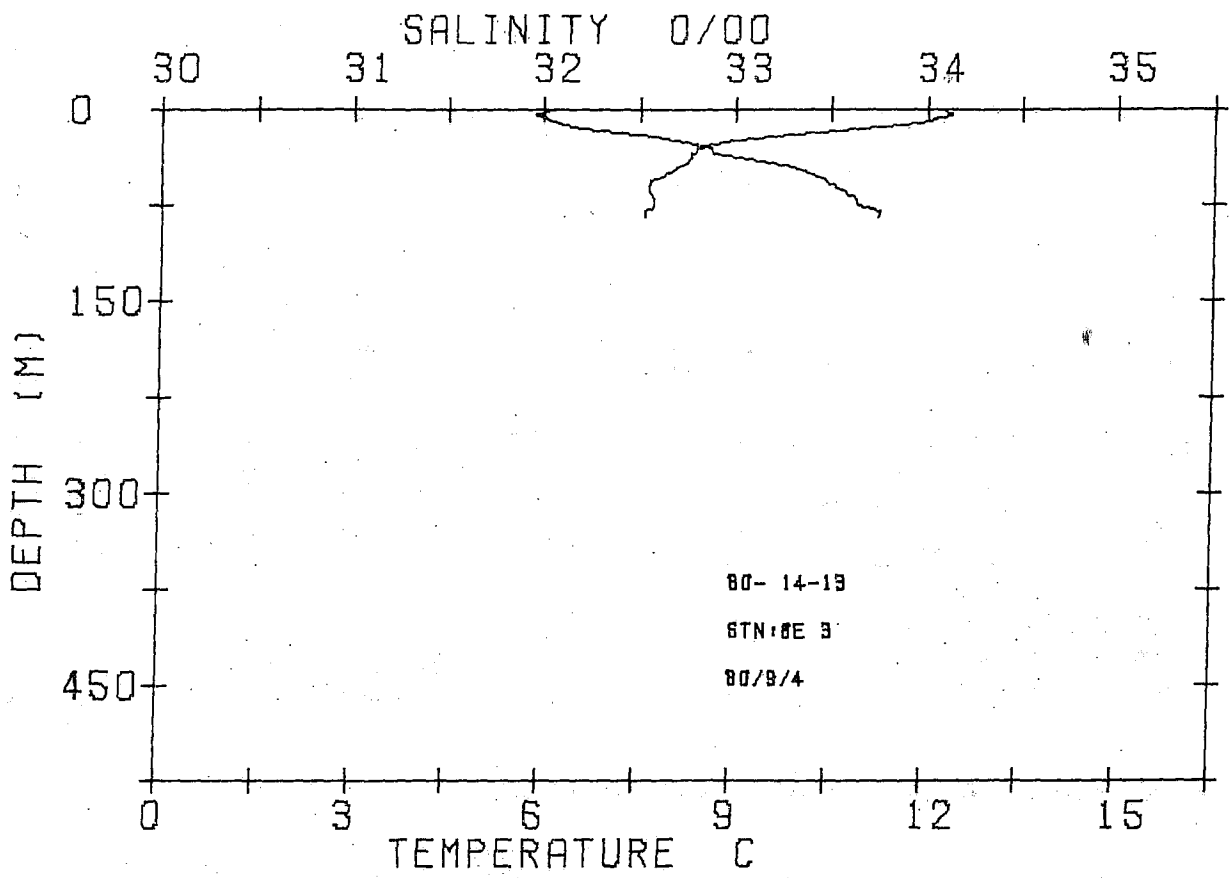
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.09	31.95	24.58	336.4	.00	.00	1486.8
10	9.59	32.08	24.77	319.2	.33	.02	1485.3
20	9.24	32.28	24.98	298.9	.64	.06	1484.4
30	9.18	32.52	25.18	280.5	.93	.13	1484.7
50	8.53	32.75	25.45	254.7	1.46	.35	1482.8
75	7.97	33.35	26.01	202.0	2.04	.70	1481.9
100	7.68	33.56	26.21	183.0	2.53	1.13	1481.5
125	7.44	33.72	26.37	167.9	2.96	1.62	1481.1
150	7.20	33.87	26.53	153.7	3.36	2.17	1480.8
175	6.97	33.92	26.60	147.4	3.74	2.78	1480.4
200	6.76	33.94	26.64	143.4	4.10	3.46	1480.0
225	6.67	33.96	26.67	141.1	4.45	4.21	1480.0
250	6.67	33.96	26.67	141.3	4.80	5.04	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
250.1	6.67	33.96	26.67	141.3	4.81	5.05	1480.4

WIND MIXED LAYER DEPTH = 4.7 METRES

22


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-19
STN:8E 3
80/9/4
0
3
6
9
12
15
TEMPERATURE C

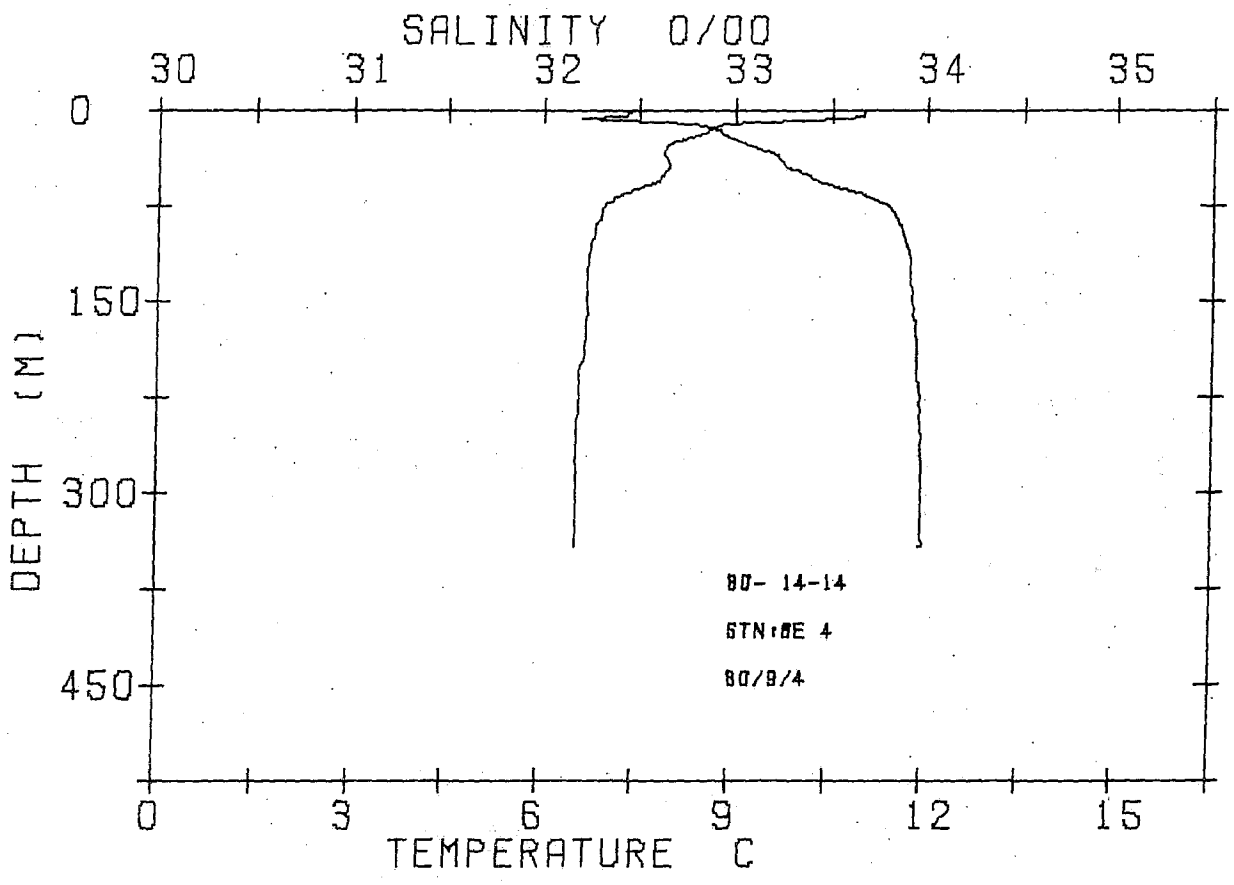
CRUISE : C.O.D.E. 80-14.
STATION: OE 3 CONS #013
LAT N 48 15.0 LONG W 124 54.0
DATE 80/09/04 TIME (PST) 1621

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.27	32.02	24.25	368.2	.00	.00	1494.6
10	11.89	32.07	24.36	357.4	.37	.02	1493.6
20	9.63	32.56	25.14	284.1	.69	.07	1486.2
30	8.41	32.88	25.57	242.7	.95	.13	1482.2
50	7.90	33.40	26.06	196.8	1.40	.31	1481.3
75	7.70	33.65	26.28	175.8	1.86	.59	1481.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
83.7	7.59	33.74	26.37	168.2	2.01	.71	1481.1

WIND MIXED LAYER DEPTH = 8.2 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-14
STN:8E 4
80/9/4
0
3
6
9
12
15
TEMPERATURE C

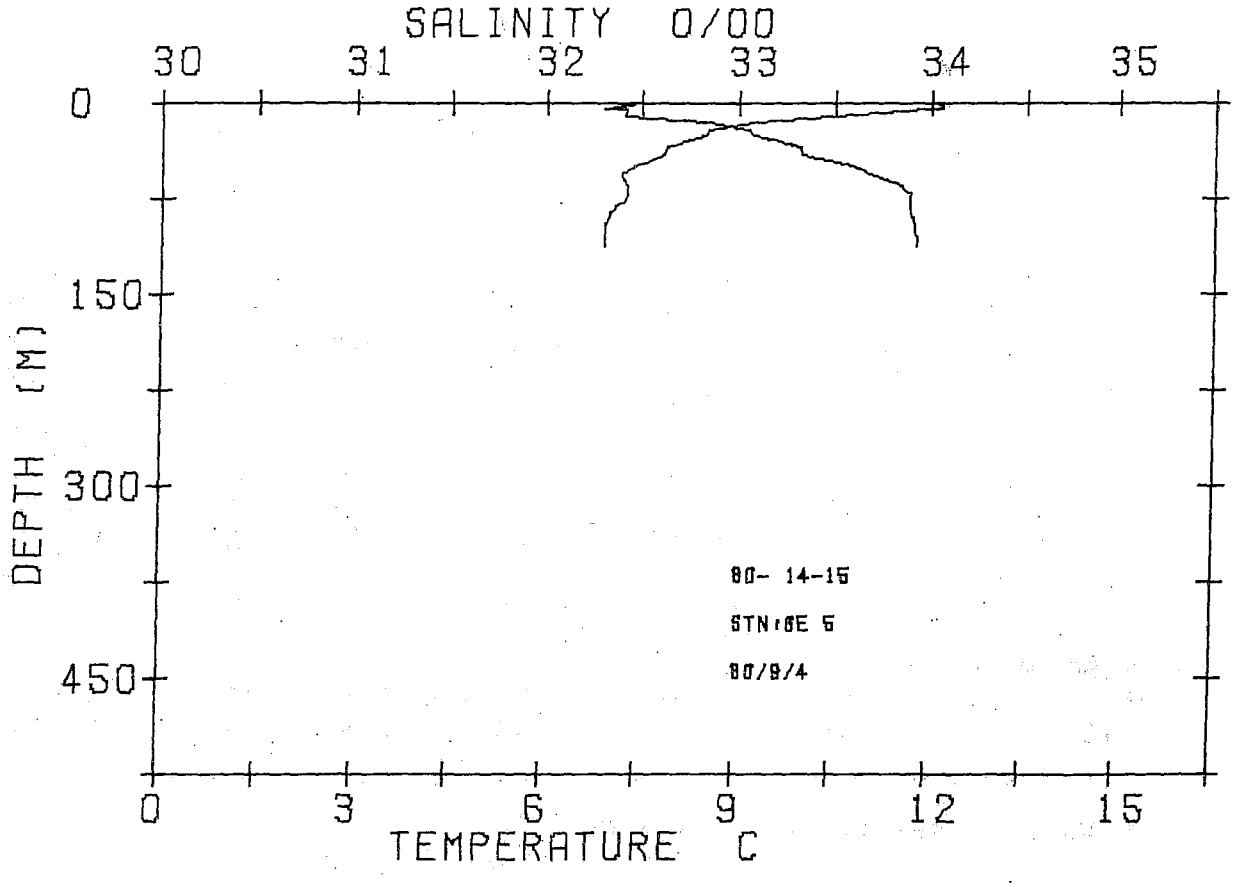
CRUISE : C.O.D.E. 80-14.
STATION: OE 4 CONS #014
LAT N 48 15.0 LONG W 125 01.0
DATE 80/09/04 TIME (PST) 1724

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.03	32.46	24.82	313.7	.00	.00	1490.9
10	8.85	32.78	25.43	256.2	.30	.01	1483.4
20	8.43	32.95	25.62	237.9	.55	.05	1482.2
30	7.93	33.13	25.84	217.4	.78	.11	1480.7
50	7.89	33.38	26.04	198.4	1.19	.27	1481.2
75	7.00	33.81	26.50	155.0	1.63	.55	1478.7
100	6.83	33.89	26.59	147.0	2.01	.88	1478.5
125	6.73	33.92	26.63	143.4	2.37	1.28	1478.6
150	6.73	33.93	26.64	143.1	2.73	1.77	1479.0
175	6.72	33.95	26.66	141.6	3.09	2.35	1479.4
200	6.63	33.96	26.67	140.8	3.44	3.01	1479.5
225	6.59	33.98	26.69	139.0	3.79	3.76	1479.7
250	6.57	33.98	26.70	139.1	4.14	4.58	1480.1
300	6.56	33.99	26.71	138.8	4.83	6.49	1480.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
342.3	6.56	33.98	26.70	140.1	5.42	8.38	1481.5

WIND MIXED LAYER DEPTH = 4.6 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-15
STN:6E 5
80/9/4
0
3
6
9
12
15
TEMPERATURE C

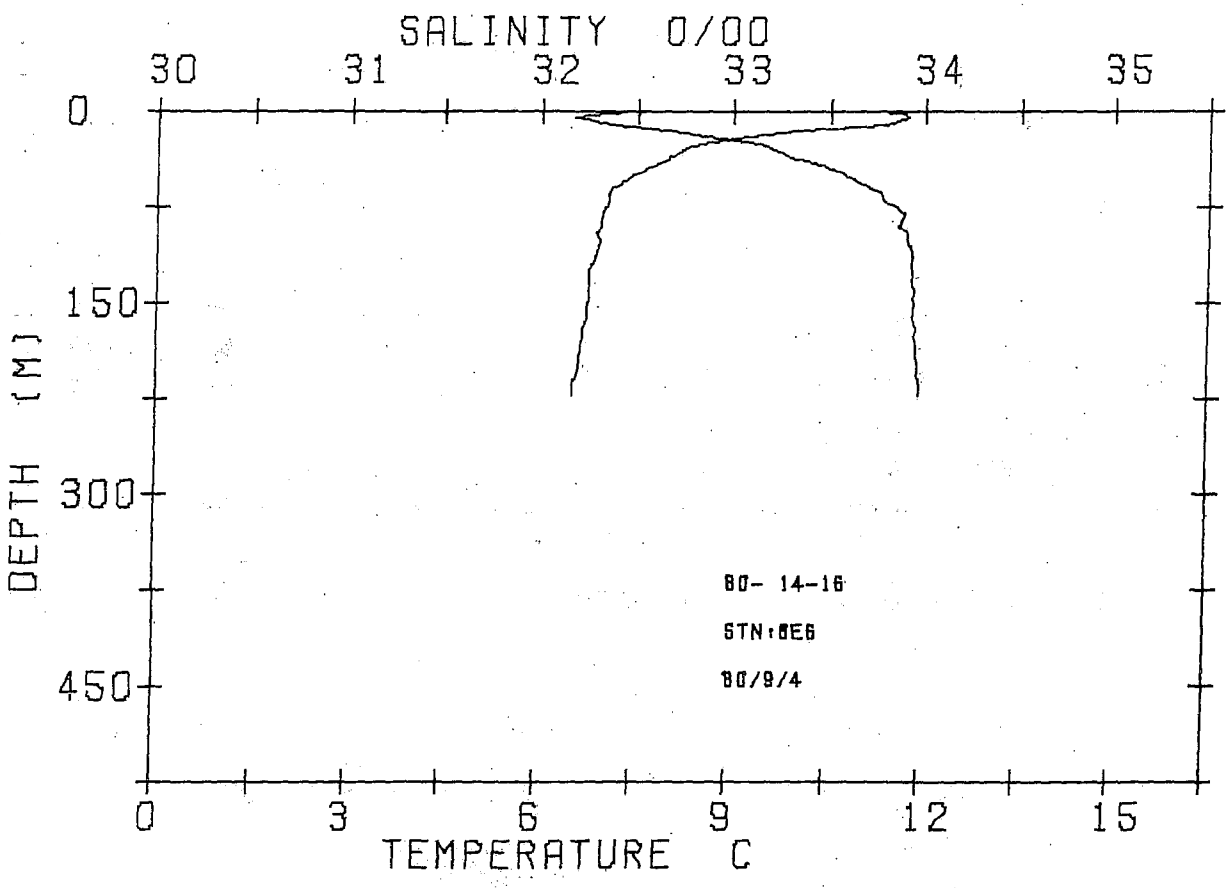
CRUISE : C.O.D.E. 80-14.
STATION: OE 5 CONS #015
LAT N 48 15.0 LONG W 125 06.0
DATE 80/09/04 TIME (PST) 1811

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.08	32.38	24.56	338.4	.00	.00	1494.5
10	10.45	32.41	24.88	308.4	.33	.02	1488.9
20	8.57	33.04	25.67	232.9	.59	.05	1482.9
30	8.13	33.22	25.88	213.4	.82	.11	1481.6
50	7.38	33.60	26.29	175.1	1.21	.27	1479.5
75	7.26	33.89	26.53	152.4	1.61	.52	1479.8
100	6.92	33.92	26.60	145.8	1.98	.84	1479.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
112.9	6.92	33.93	26.61	145.1	2.17	1.04	1479.2

WIND MIXED LAYER DEPTH = 3.6 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-16
STN:BE6
80/9/4
0
3
6
9
12
15
TEMPERATURE C

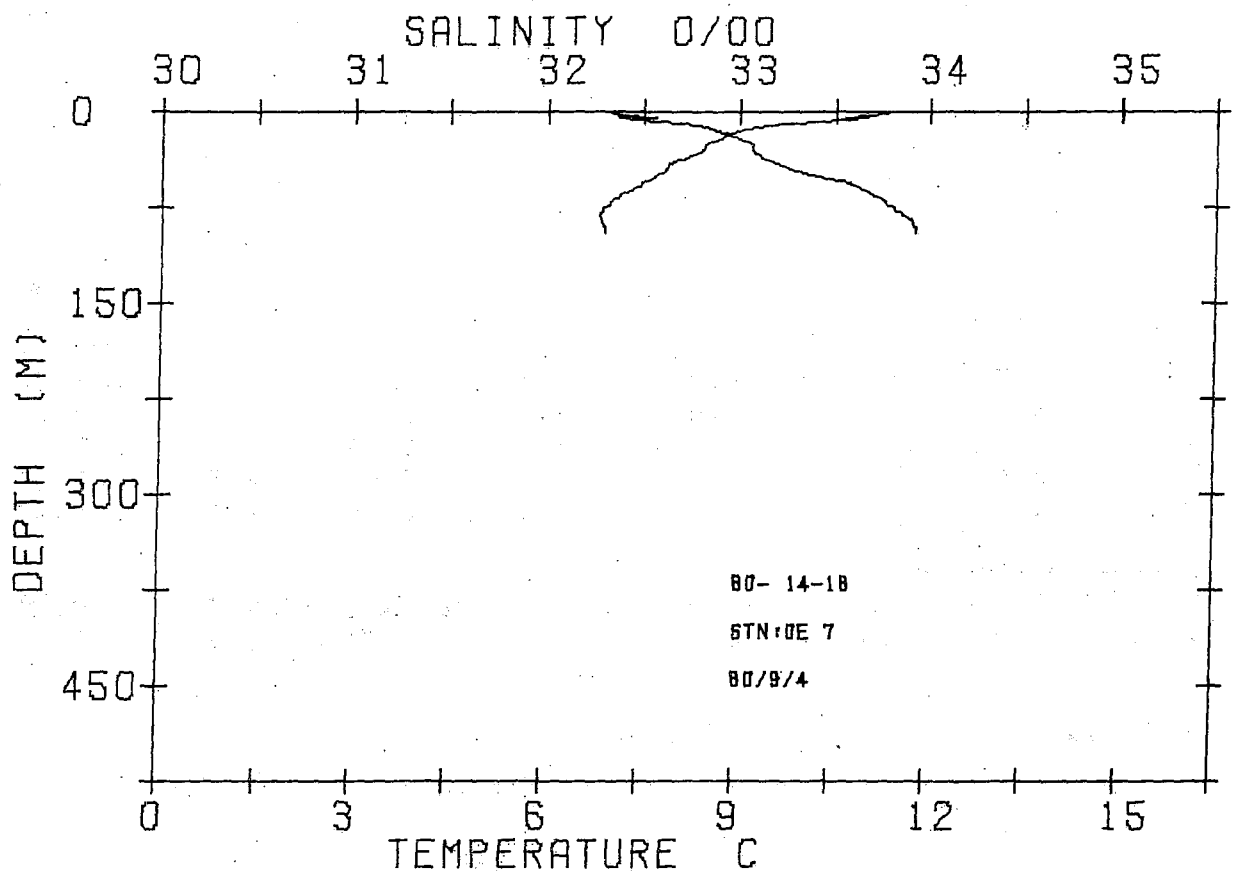
CRUISE : C.O.D.E. 80-14.
STATION: OE6 CONS #016
LAT N 48 15.0 LONG W 125 12.5
DATE 80/09/04 TIME (PST) 1902

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.40	32.41	24.72	323.7	.00	.00	1492.1
10	11.37	32.37	24.69	326.5	.34	.02	1492.1
20	9.22	32.86	25.43	256.2	.62	.06	1485.1
30	8.20	33.21	25.87	214.8	.85	.12	1481.9
50	7.45	33.58	26.26	177.7	1.24	.27	1479.8
75	7.00	33.85	26.54	151.5	1.65	.52	1478.8
100	6.92	33.91	26.60	146.3	2.02	.85	1478.9
125	6.76	33.94	26.64	142.6	2.38	1.25	1478.7
150	6.73	33.95	26.65	142.1	2.74	1.74	1479.1
175	6.66	33.95	26.66	141.1	3.09	2.32	1479.2
200	6.59	33.97	26.69	139.2	3.44	2.97	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
221.8	6.51	33.98	26.71	137.6	3.74	3.61	1479.4

WIND MIXED LAYER DEPTH = 7.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-18
STN:OE 7
80/9/4
0
3
6
9
12
15
TEMPERATURE C

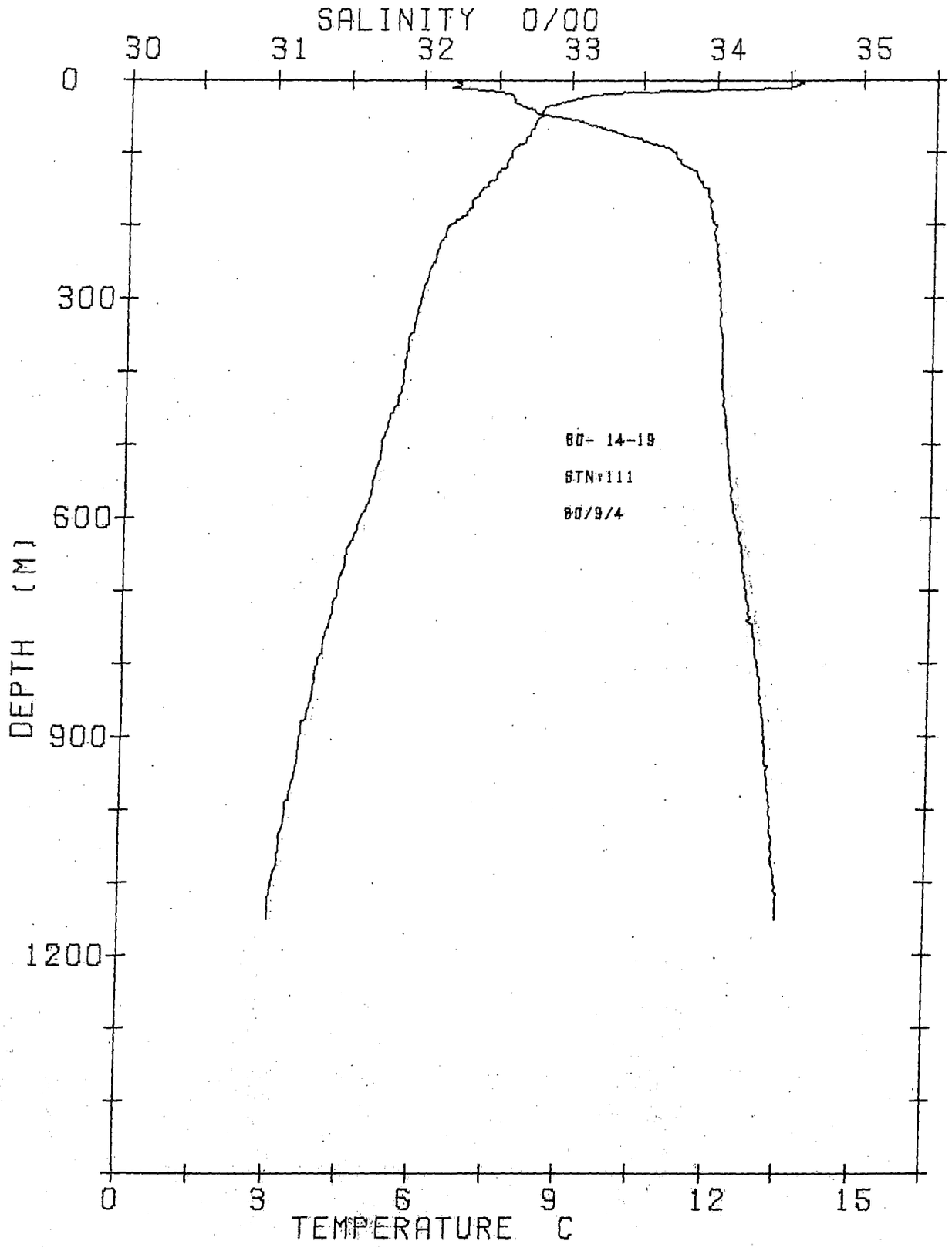
CRUISE : C.O.D.E. 80-14.
STATION: 0E 7 CONS #018
LAT N 48 15.0 LONG W 125 20.0
DATE 80/09/04 TIME (PST) 2001

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.32	32.29	24.63	331.6	.00	.00	1491.7
10	9.41	32.79	25.34	264.2	.31	.01	1485.6
20	8.70	32.99	25.62	238.3	.56	.05	1483.3
30	8.41	33.07	25.72	228.5	.79	.11	1482.5
50	7.69	33.40	26.09	194.3	1.21	.28	1480.5
75	6.89	33.80	26.52	153.7	1.64	.54	1478.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
95.1	6.89	33.93	26.61	144.8	1.93	.79	1478.7

WIND MIXED LAYER DEPTH = 4.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-19
STN:111
80/9/4
0
3
6
9
12
15
TEMPERATURE C

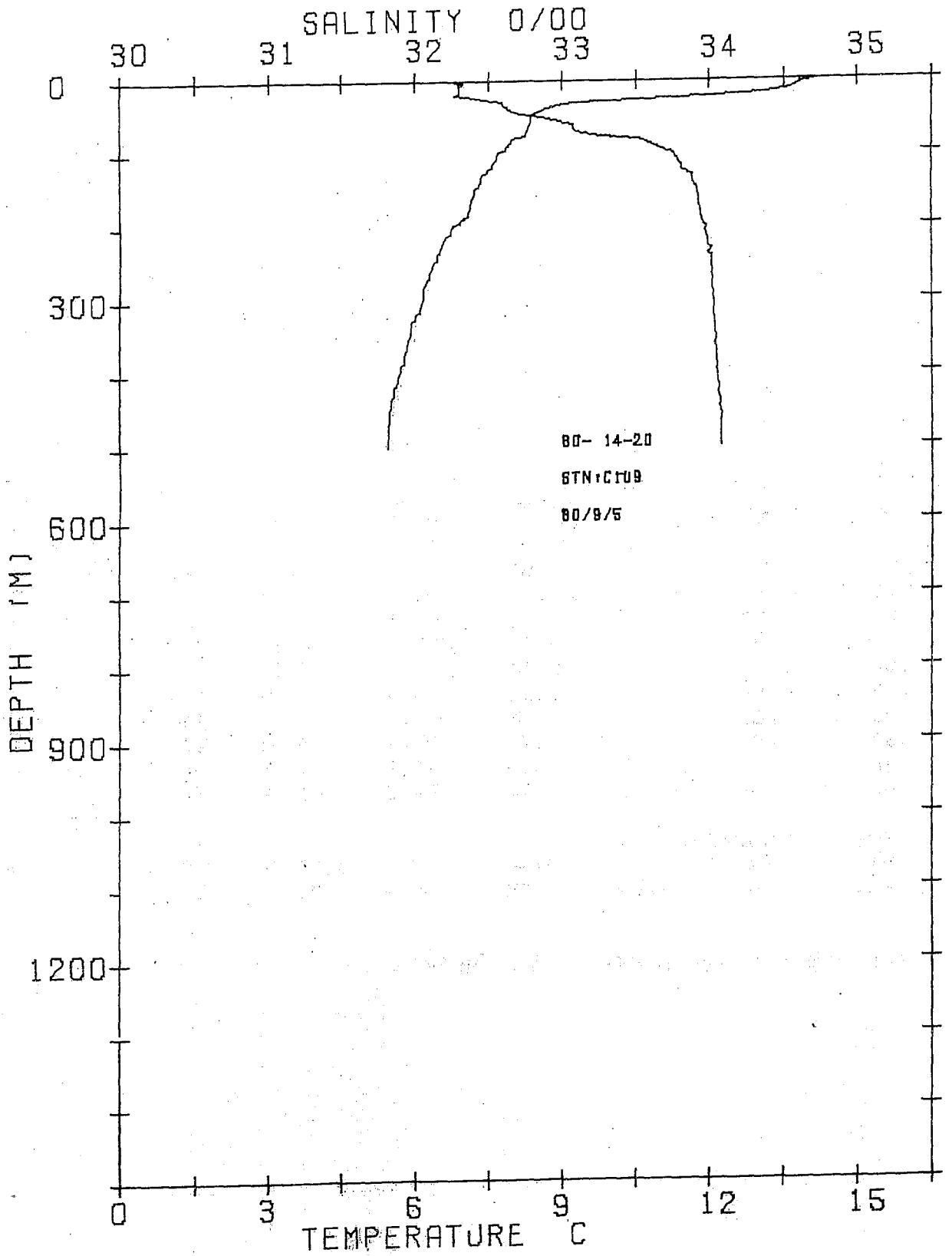
CRUISE : C.O.D.E. 80-14.
STATION: 111 CONS #019
LAT N 48 08.5 LONG W 126 00.0
DATE 80/09/04 TIME (PST) 2308

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.70	32.24	24.14	378.2	.00	.00	1499.8
10	13.46	32.19	24.15	377.7	.38	.02	1499.1
20	9.45	32.59	25.18	279.5	.69	.06	1485.6
30	8.87	32.60	25.29	269.7	.96	.13	1483.6
50	8.37	32.89	25.59	241.5	1.48	.34	1482.4
75	8.13	33.37	26.00	203.2	2.02	.68	1482.5
100	7.77	33.72	26.32	172.6	2.49	1.08	1482.0
125	7.53	33.86	26.47	158.9	2.90	1.55	1481.6
150	7.19	33.94	26.58	148.9	3.29	2.08	1480.8
175	6.98	33.96	26.63	144.6	3.66	2.68	1480.5
200	6.58	34.01	26.72	136.3	4.01	3.34	1479.3
225	6.37	34.01	26.75	133.3	4.35	4.06	1478.9
250	6.26	34.02	26.77	131.9	4.68	4.85	1478.9
300	6.01	34.04	26.82	128.0	5.33	6.63	1478.7
400	5.68	34.06	26.88	123.4	6.58	11.01	1479.1
500	5.26	34.10	26.96	116.3	7.78	16.41	1479.0
600	4.83	34.17	27.06	107.2	8.91	22.60	1479.0
800	4.00	34.33	27.28	87.3	10.85	36.11	1479.0
1000	3.36	34.43	27.42	74.2	12.46	50.56	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1150.0	3.03	34.49	27.50	66.8	13.51	61.83	1480.9

WIND MIXED LAYER DEPTH = 9.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
BO- 14-20
STN:CTD9
80/9/5
0
3
6
9
12
15
TEMPERATURE C

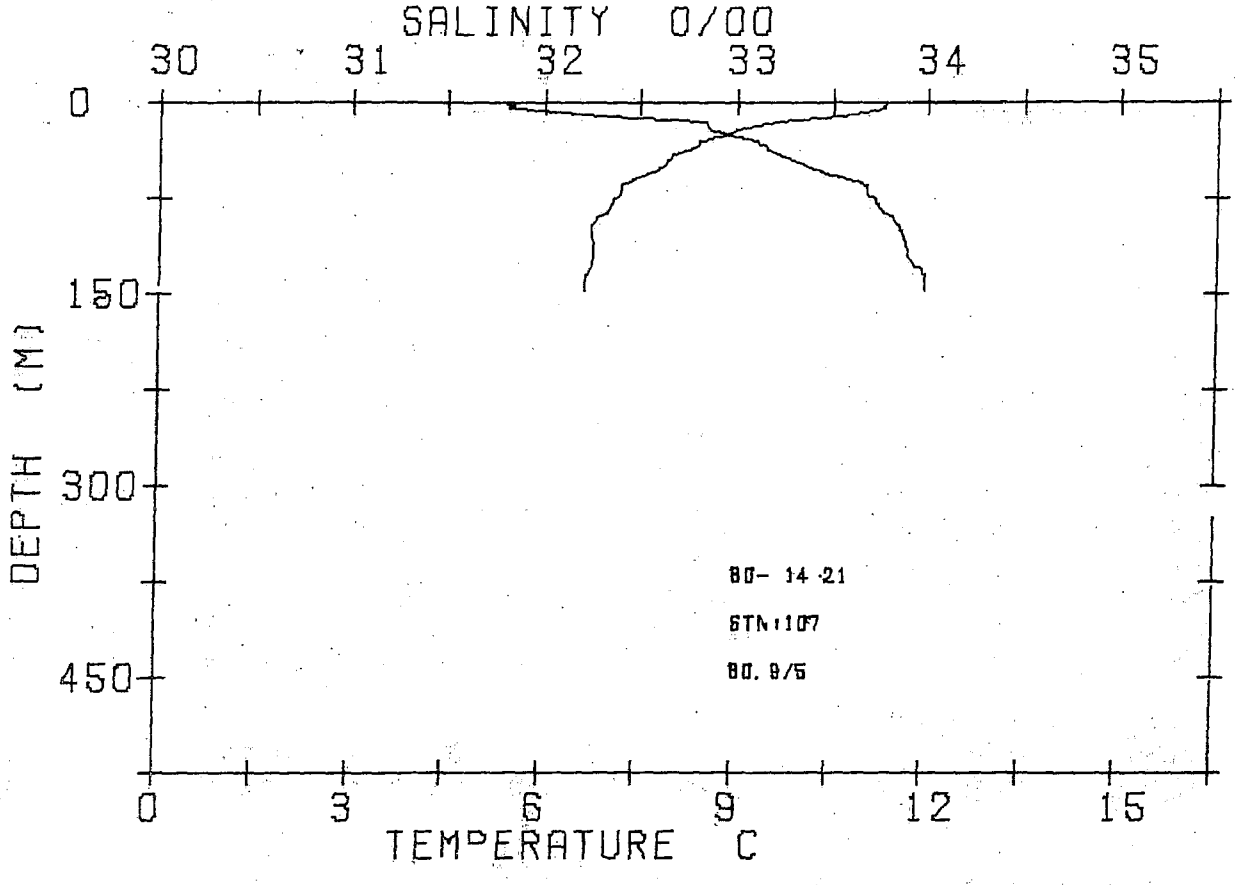
CRUISE : C.O.D.E. 80-14.
STATION: C109 CONS #020
LAT N 48 12.9 LONG W 125 52.0
DATE 80/09/05 TIME (PST) 0101

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.15	32.27	24.07	385.0	.00	.00	1501.3
10	13.75	32.30	24.18	375.4	.38	.02	1500.2
20	12.75	32.28	24.36	358.4	.75	.07	1497.0
30	9.24	32.58	25.22	276.7	1.06	.15	1485.0
50	8.38	32.86	25.56	244.0	1.58	.36	1482.4
75	8.24	33.25	25.89	213.3	2.15	.71	1482.8
100	7.72	33.76	26.36	168.6	2.61	1.12	1481.9
125	7.48	33.85	26.47	159.0	3.02	1.58	1481.5
150	7.24	33.92	26.56	151.0	3.41	2.11	1481.0
175	7.13	33.94	26.59	148.2	3.78	2.71	1481.0
200	6.79	33.98	26.67	141.3	4.15	3.40	1480.1
225	6.58	33.99	26.70	138.0	4.50	4.14	1479.7
250	6.39	34.01	26.74	134.4	4.84	4.94	1479.4
300	6.17	34.03	26.79	130.7	5.50	6.76	1479.4
400	5.70	34.06	26.87	123.7	6.77	11.20	1479.2
500	5.45	34.08	26.92	120.4	7.98	16.65	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
500.2	5.45	34.08	26.92	120.4	7.98	16.66	1479.8

WIND MIXED LAYER DEPTH = 15.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-21
STN:107
80. 9/5
0
3
6
9
12
15
TEMPERATURE C

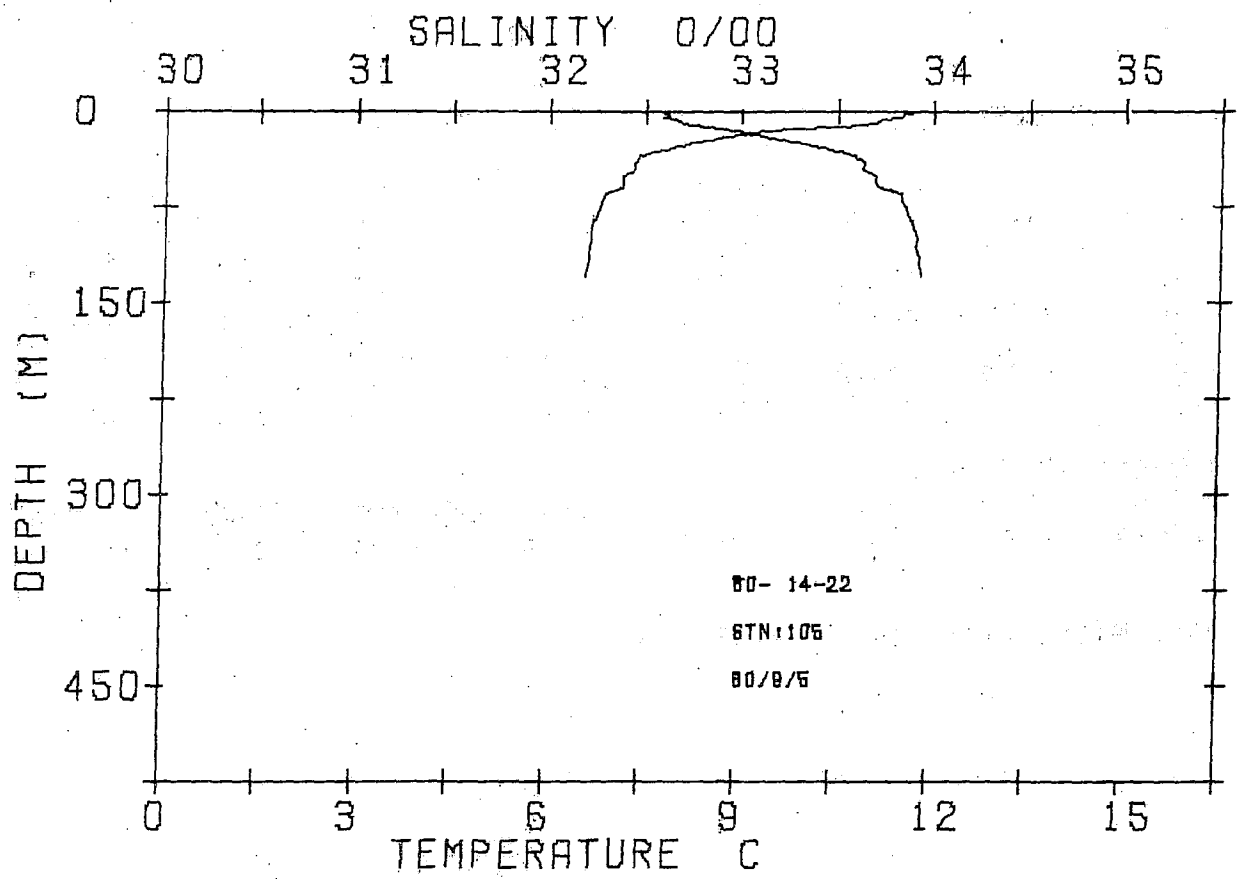
CRUISE : C.O.D.E. 80-14.
STATION: 107 CONS #021
LAT N 48 18.6 LONG W 125 41.2
DATE 80/09/05 TIME (PST) 0230

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.32	31.79	24.25	368.5	.00	.00	1491.1
10	10.61	32.32	24.79	317.2	.35	.02	1489.3
20	9.00	32.86	25.47	252.5	.63	.06	1484.3
30	8.43	33.10	25.74	226.5	.87	.12	1482.6
50	7.80	33.38	26.05	197.2	1.29	.29	1480.9
75	7.12	33.72	26.42	162.9	1.73	.56	1479.1
100	6.75	33.86	26.58	147.6	2.12	.90	1478.2
125	6.74	33.93	26.63	143.4	2.49	1.31	1478.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
146.4	6.62	33.99	26.70	137.5	2.78	1.71	1478.6

WIND MIXED LAYER DEPTH = 4.2 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-22
STN:105
80/8/5
0
3
6
9
12
15
TEMPERATURE C

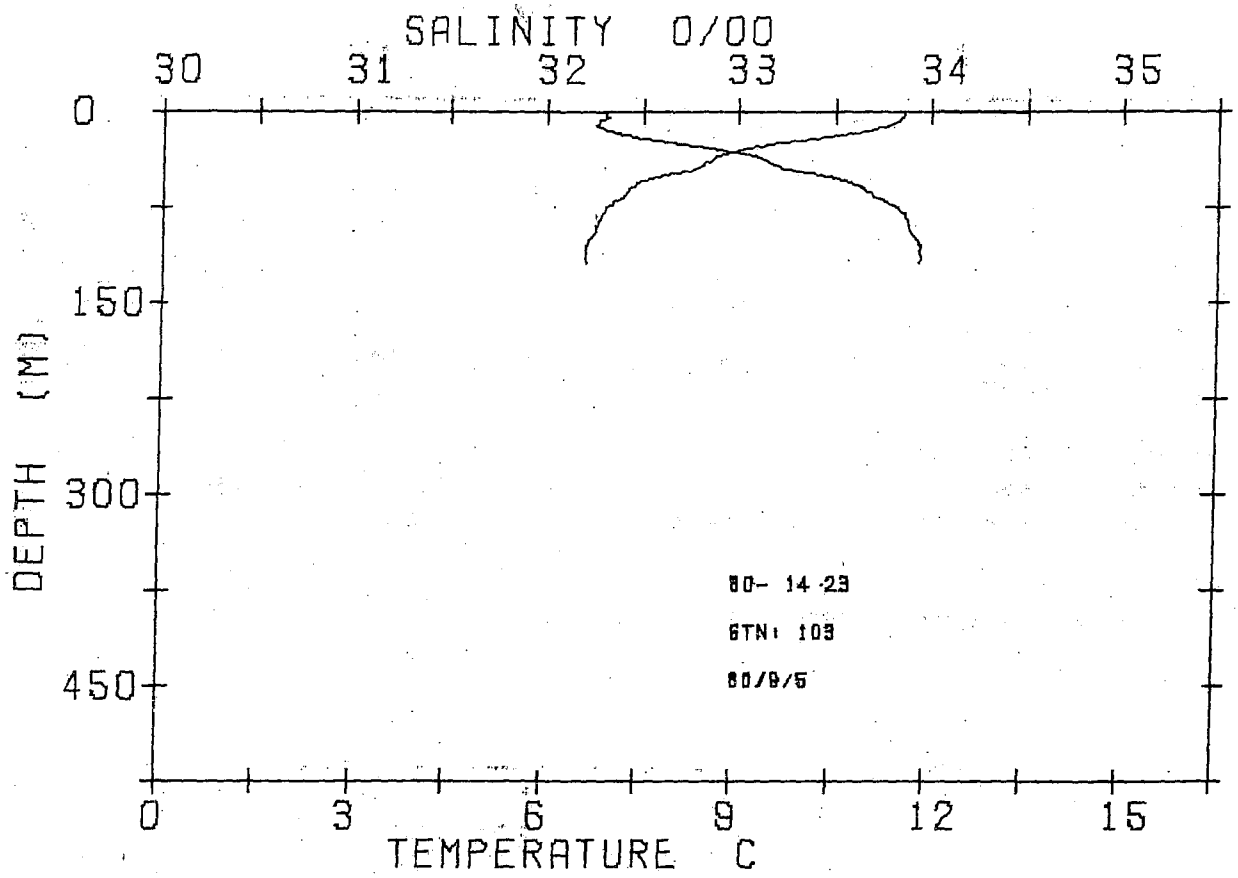
CRUISE : C.O.D.E. 80-14.
STATION: 105 CONS #022
LAT N 48 25.5 LONG W 125 28.3
DATE 80/09/05 TIME (PST) 0404

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.65	32.59	24.81	314.8	.00	.00	1493.2
10	10.92	32.73	25.05	292.5	.31	.02	1491.0
20	8.65	33.15	25.75	225.9	.56	.05	1483.3
30	7.75	33.46	26.13	190.1	.77	.10	1480.5
50	7.18	33.70	26.39	165.1	1.12	.24	1478.9
75	6.78	33.86	26.57	148.3	1.51	.49	1477.9
100	6.65	33.92	26.64	142.5	1.87	.80	1477.9
125	6.57	33.94	26.67	140.2	2.22	1.20	1478.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
129.4	6.56	33.94	26.66	140.3	2.29	1.28	1478.0

WIND MIXED LAYER DEPTH = 4.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-23
STN: 103
80/9/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 103 CONS #023
LAT N 48 32.2 LONG W 125 15.5
DATE 80/09/05 TIME (PST) 0539

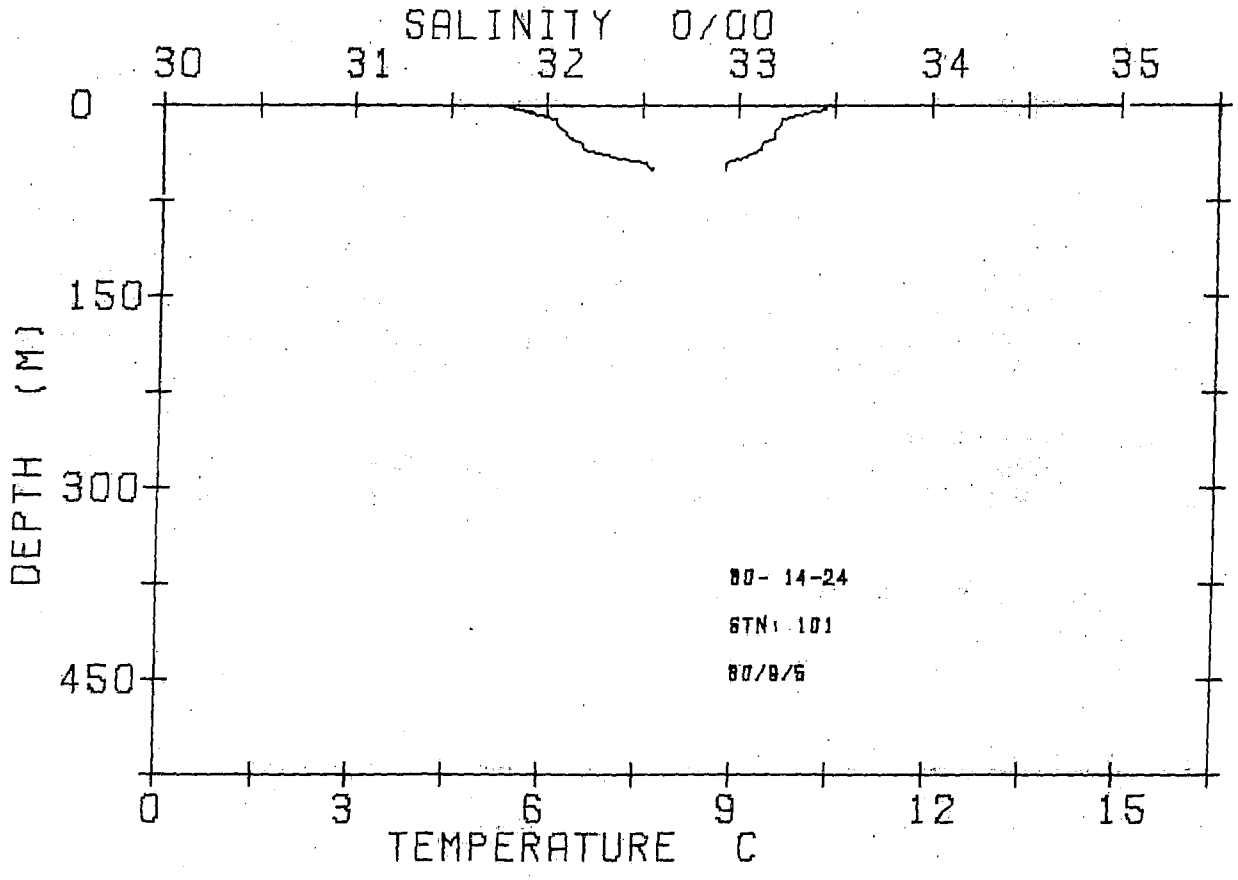
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.54	32.30	24.60	334.3	.00	.00	1492.5
10	11.31	32.25	24.61	334.4	.33	.02	1491.7
20	10.21	32.49	24.98	298.7	.65	.06	1488.3
30	9.03	32.91	25.50	249.6	.93	.13	1484.6
50	7.81	33.43	26.09	193.7	1.37	.31	1481.0
75	6.93	33.83	26.53	152.3	1.79	.57	1478.5
100	6.65	33.93	26.65	141.3	2.16	.89	1477.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
118.9	6.62	33.94	26.66	140.9	2.43	1.18	1478.1

WIND MIXED LAYER DEPTH = 4.7 METRES

42

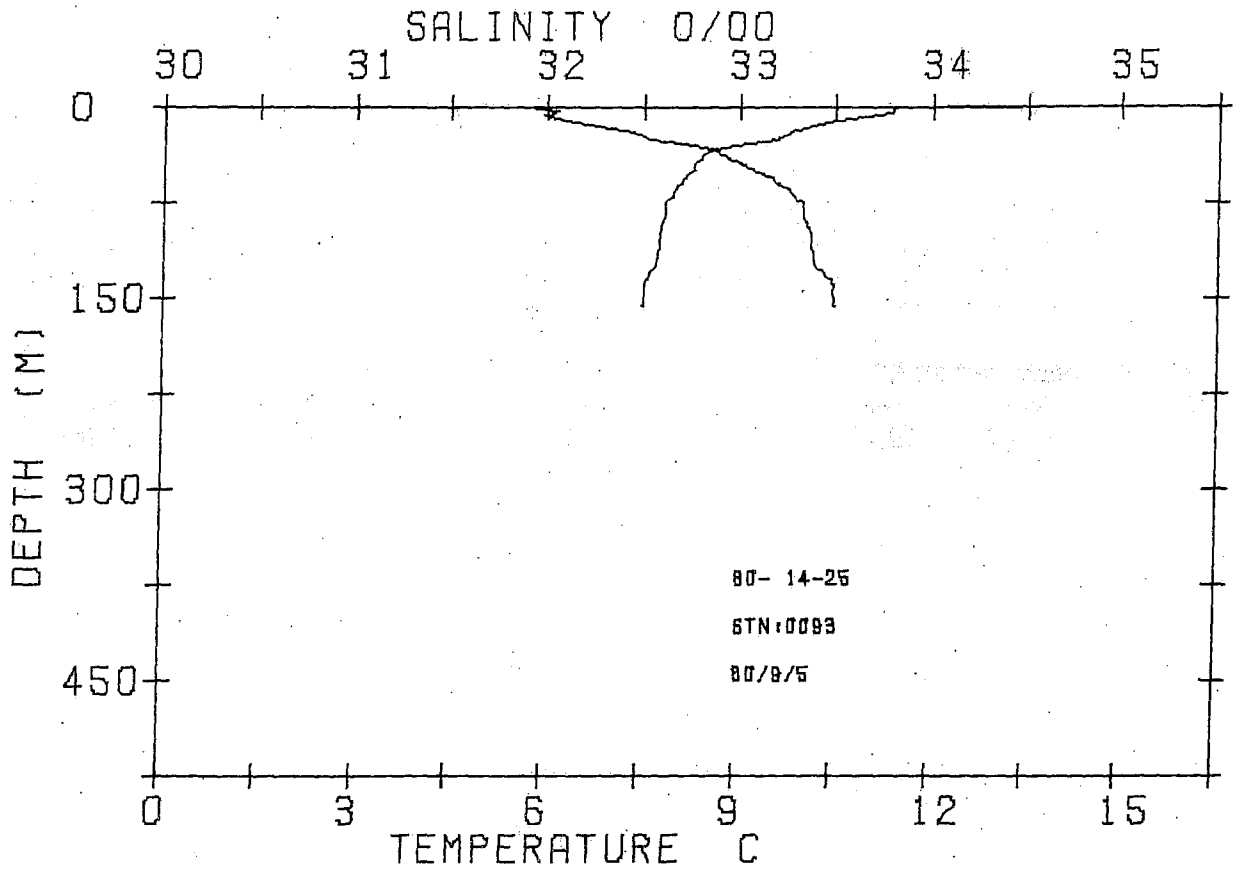

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-24
STN: 101
80/8/6
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 101 CONS #024
LAT N 48 39.0 LONG W 125 02.5
DATE 80/09/05 TIME (PST) 0701

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.44	31.78	24.40	354.1	.00	.00	1487.9
10	9.73	32.04	24.71	324.3	.34	.02	1485.8
20	9.59	32.10	24.78	317.8	.66	.07	1485.5
30	9.39	32.18	24.88	308.7	.98	.14	1485.0
50	8.80	32.55	25.26	272.8	1.56	.37	1483.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
50.9	8.80	32.55	25.26	273.1	1.58	.39	1483.6


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-25
STN:0093
80/9/5
0
3
6
9
12
15
TEMPERATURE C

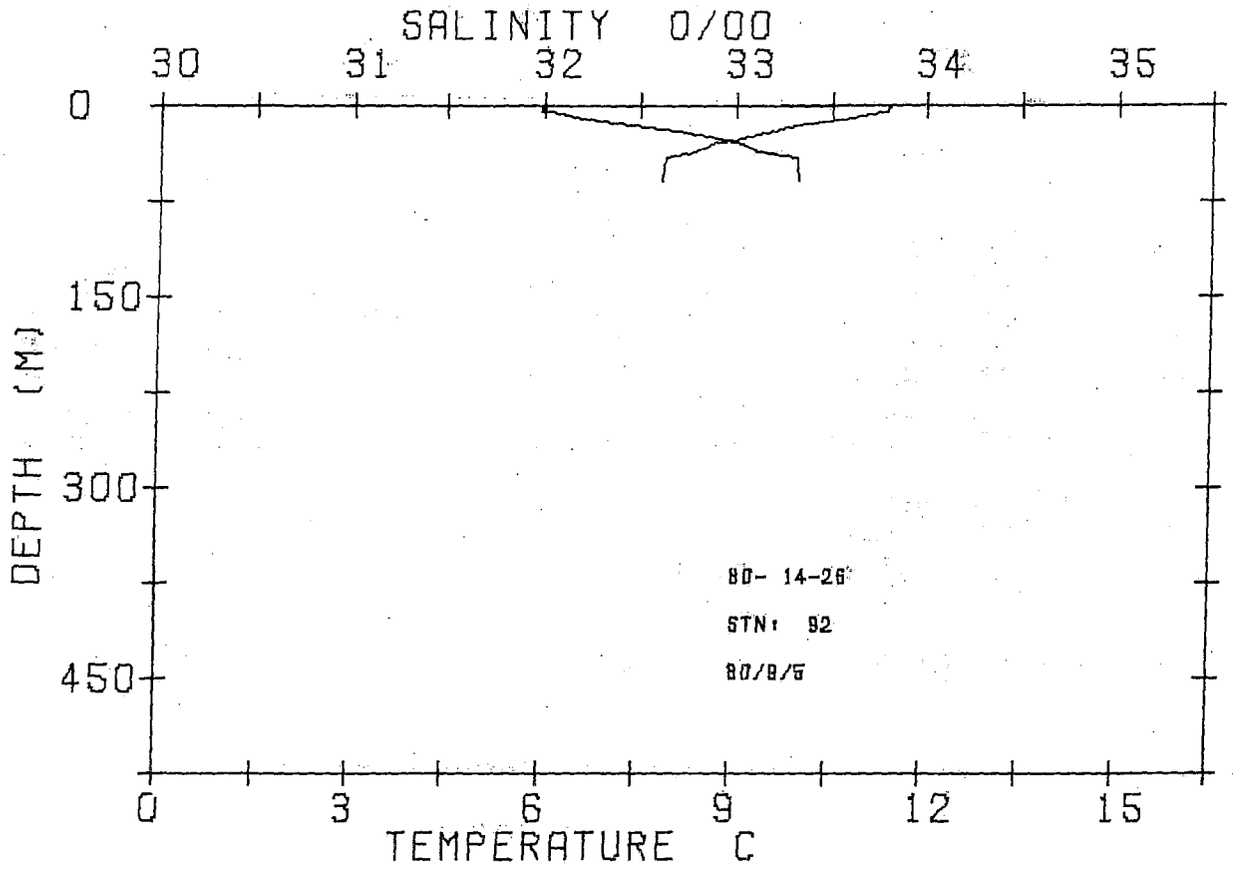
CRUISE : C.O.D.E. 80-14.
STATION: 0093 CONS #025
LAT N 48 41.0 LONG W 125 27.5
DATE 80/09/05 TIME (PST) 0917

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.42	31.94	24.35	359.1	.00	.00	1491.6
10	10.54	32.09	24.61	333.7	.35	.02	1488.8
20	9.83	32.44	25.01	296.1	.66	.06	1486.8
30	8.98	32.76	25.39	259.8	.94	.13	1484.2
50	8.28	33.07	25.74	227.0	1.42	.32	1482.3
75	7.87	33.33	26.01	202.2	1.95	.65	1481.5
100	7.77	33.37	26.06	197.9	2.46	1.09	1481.6
125	7.72	33.40	26.09	195.3	2.95	1.65	1481.8
150	7.53	33.50	26.19	186.0	3.42	2.29	1481.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
156.5	7.51	33.51	26.20	185.0	3.54	2.48	1481.6

WIND MIXED LAYER DEPTH = 3.6 METRES

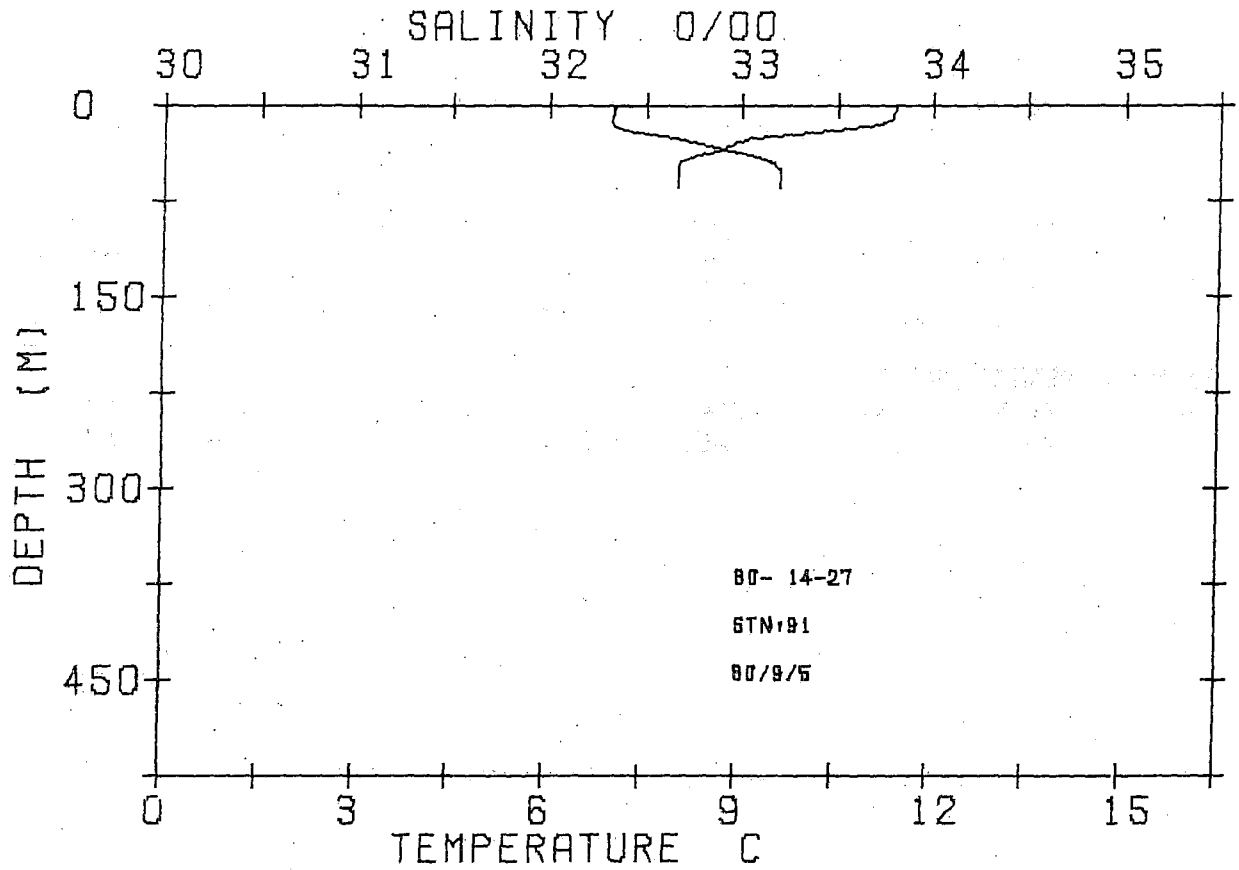

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-26
STN: 92
80/8/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 92 CONS #026
LAT N 48 39.5 LONG W 125 39.0
DATE 80/09/05 TIME (PST) 1011

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.42	31.98	24.37	356.3	.00	.00	1491.6
10	10.67	32.20	24.68	327.3	.35	.02	1489.4
20	9.56	32.70	25.25	272.9	.65	.06	1486.2
30	8.58	33.04	25.67	233.1	.90	.12	1483.1
50	7.85	33.32	26.01	201.9	1.32	.29	1481.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
58.3	7.82	33.33	26.01	201.2	1.49	.38	1481.0

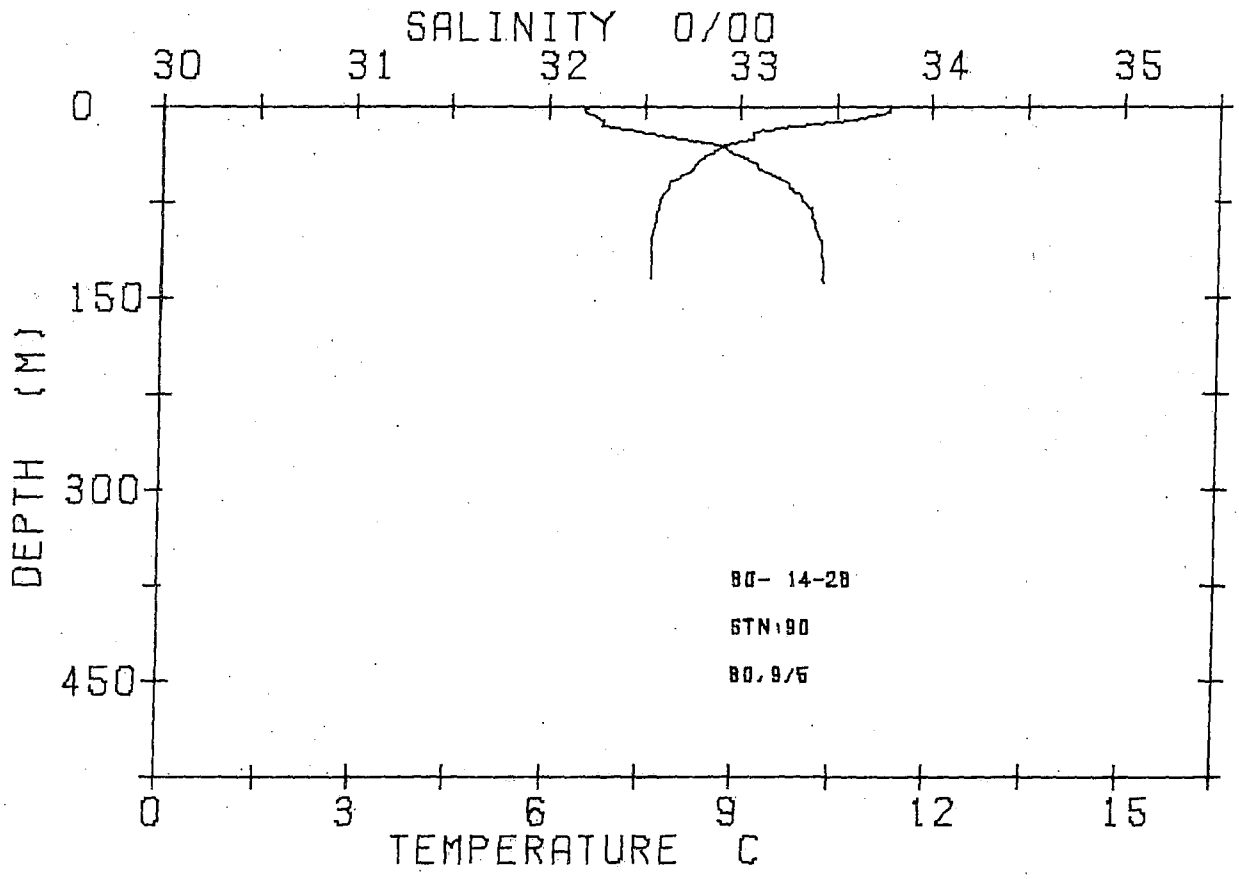

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-27
STN:91
80/9/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 91 CONS #027
LAT N 48 37.0 LONG W 125 47.0
DATE 80/09/05 TIME (PST) 1102

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.39	32.32	24.65	330.2	.00	.00	1492.0
10	11.36	32.32	24.66	329.7	.33	.02	1492.0
20	10.45	32.39	24.87	309.8	.65	.06	1489.0
30	8.90	32.80	25.44	255.8	.93	.13	1484.0
50	8.00	33.20	25.88	213.5	1.39	.32	1481.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
65.1	8.01	33.20	25.88	213.6	1.71	.50	1481.7


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-28
STN:90
80,9/5
0
3
6
9
12
15
TEMPERATURE C

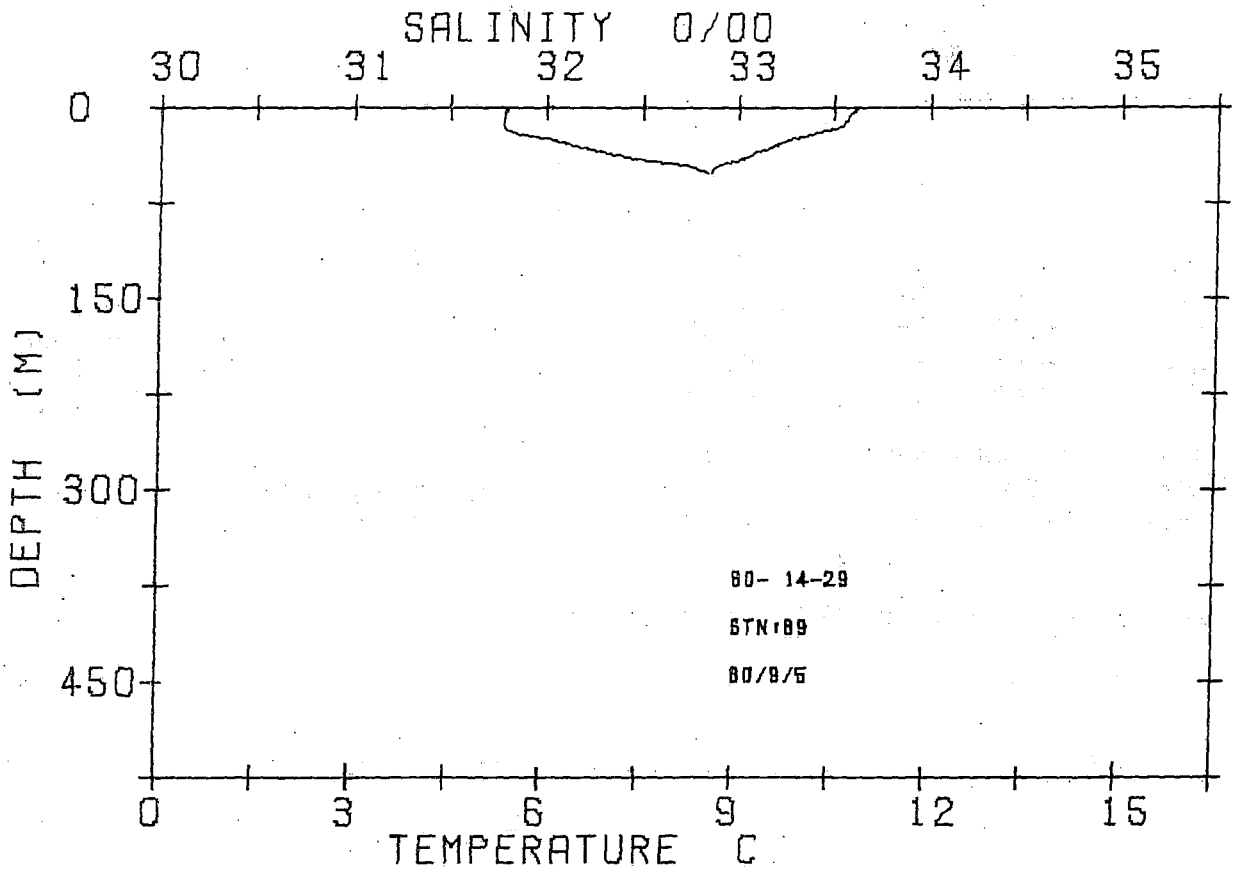
CRUISE : C.O.D.E. 80-14.
STATION: 90 CONS #028
LAT N 48 42.5 LONG W 125 47.0
DATE 80/09/05 TIME (PST) 1150

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.35	32.19	24.56	339.0	.00	.00	1491.7
10	10.80	32.27	24.71	324.2	.34	.02	1490.0
20	9.24	32.47	25.12	285.3	.64	.06	1484.6
30	8.77	32.89	25.53	246.7	.91	.13	1483.6
50	8.29	33.11	25.77	224.0	1.38	.31	1482.4
75	7.79	33.34	26.03	200.3	1.90	.64	1481.2
100	7.66	33.41	26.10	193.5	2.39	1.07	1481.2
125	7.62	33.44	26.13	191.6	2.87	1.61	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
137.6	7.63	33.44	26.13	191.6	3.11	1.93	1481.7

WIND MIXED LAYER DEPTH = 3.7 METRES

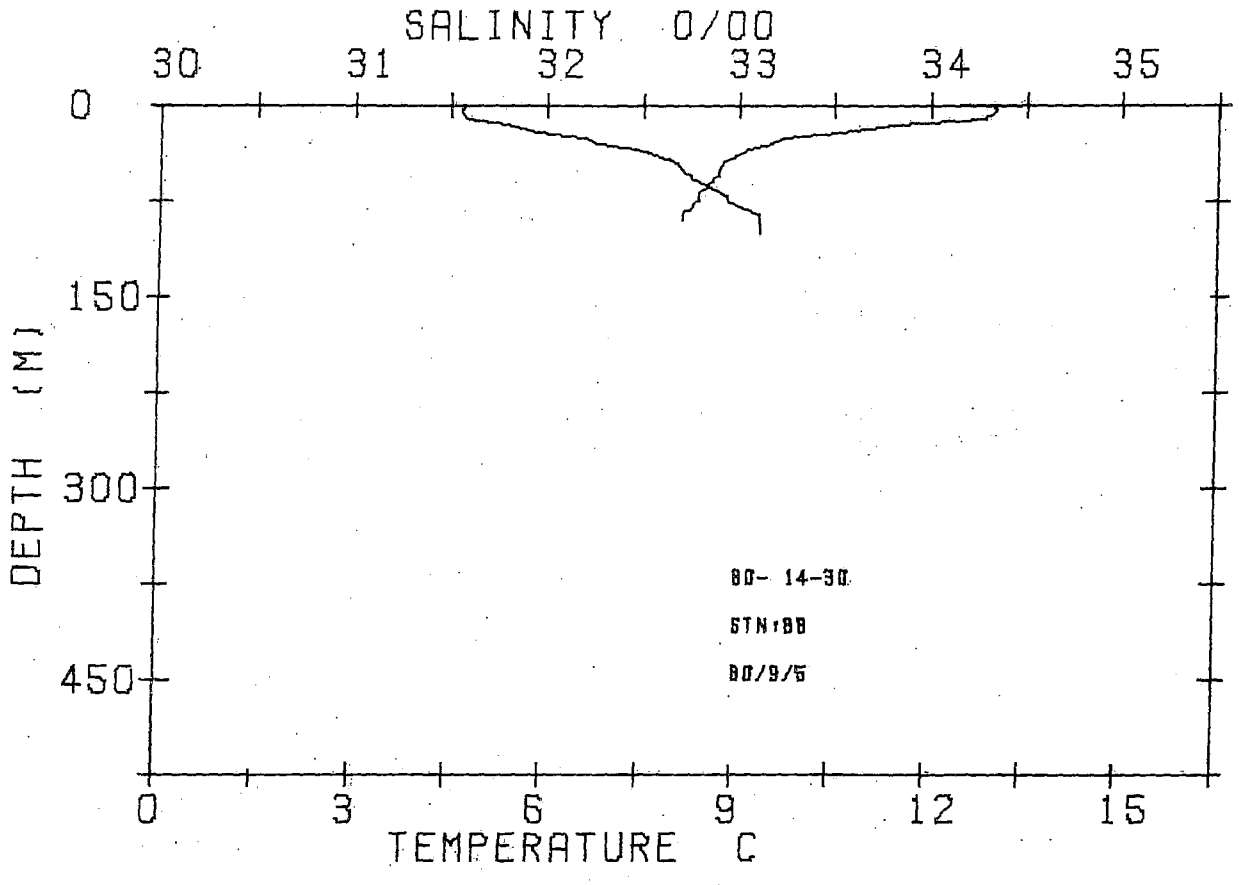

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-29
STN:89
80/9/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 89 CONS #029
LAT N 48 48.0 LONG W 125 46.5
DATE 80/09/05 TIME (PST) 1238

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.89	31.79	24.33	360.9	.00	.00	1489.5
10	10.72	31.77	24.34	359.8	.36	.02	1489.0
20	10.31	31.81	24.44	350.3	.72	.07	1487.8
30	9.61	32.15	24.82	314.8	1.05	.15	1485.8
50	8.58	32.83	25.51	249.1	1.61	.38	1483.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
50.5	8.57	32.84	25.52	248.1	1.62	.38	1483.1


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-30
STN:88
80/9/5
0
3
6
9
12
15
TEMPERATURE C

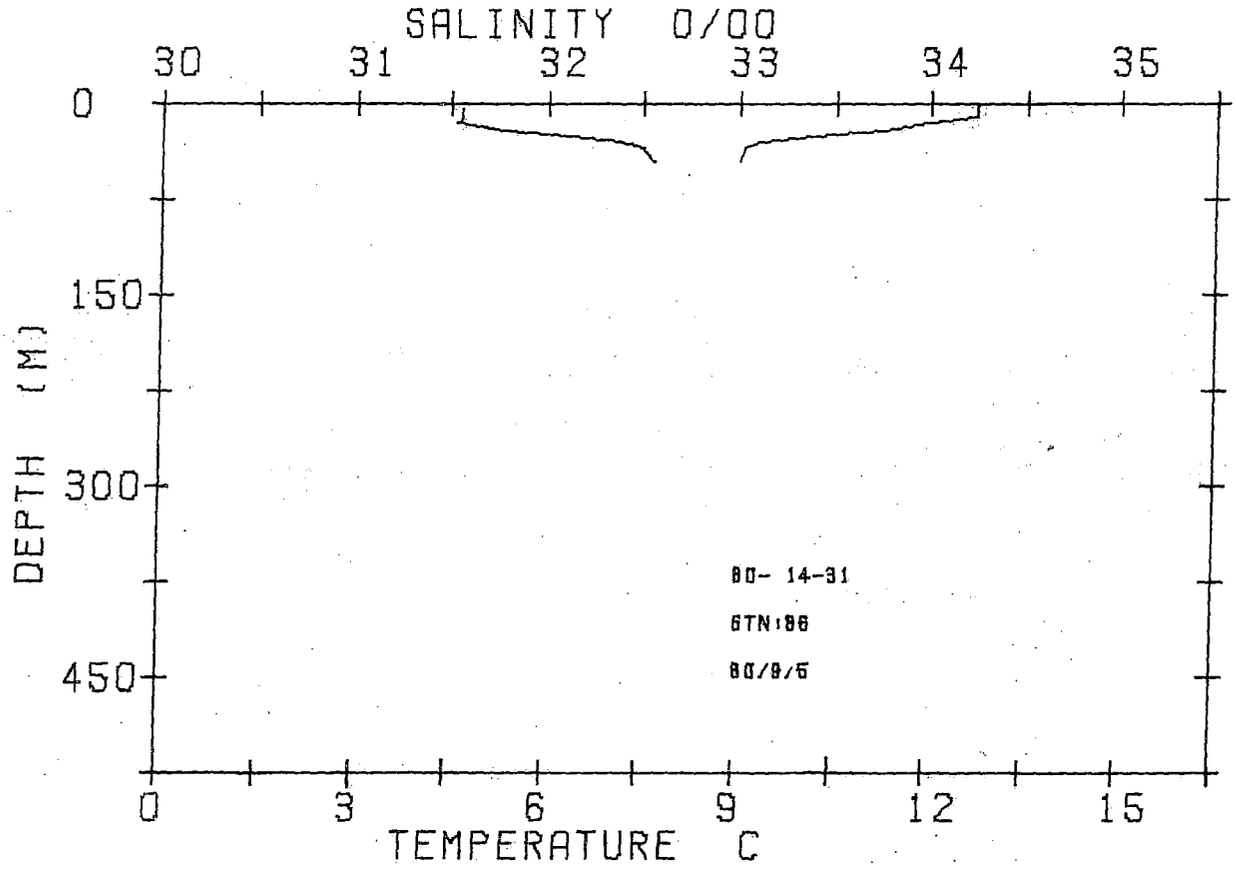
CRUISE : C.O.D.E. 80-14.
STATION: 88 CONS #030
LAT N 48 54.0 LONG W 125 46.0
DATE 80/09/05 TIME (PST) 1317

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.95	31.57	23.77	413.8	.00	.00	1496.4
10	12.86	31.58	23.80	411.7	.41	.02	1496.3
20	10.66	31.94	24.48	346.6	.79	.08	1489.2
30	9.54	32.27	24.92	304.5	1.11	.16	1485.7
50	8.72	32.71	25.39	259.9	1.66	.37	1483.5
75	8.36	32.95	25.63	237.6	2.28	.76	1482.8
100	8.10	33.12	25.81	221.1	2.85	1.25	1482.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
100.1	8.10	33.12	25.81	221.1	2.85	1.26	1482.5

WIND MIXED LAYER DEPTH = 8.9 METRES

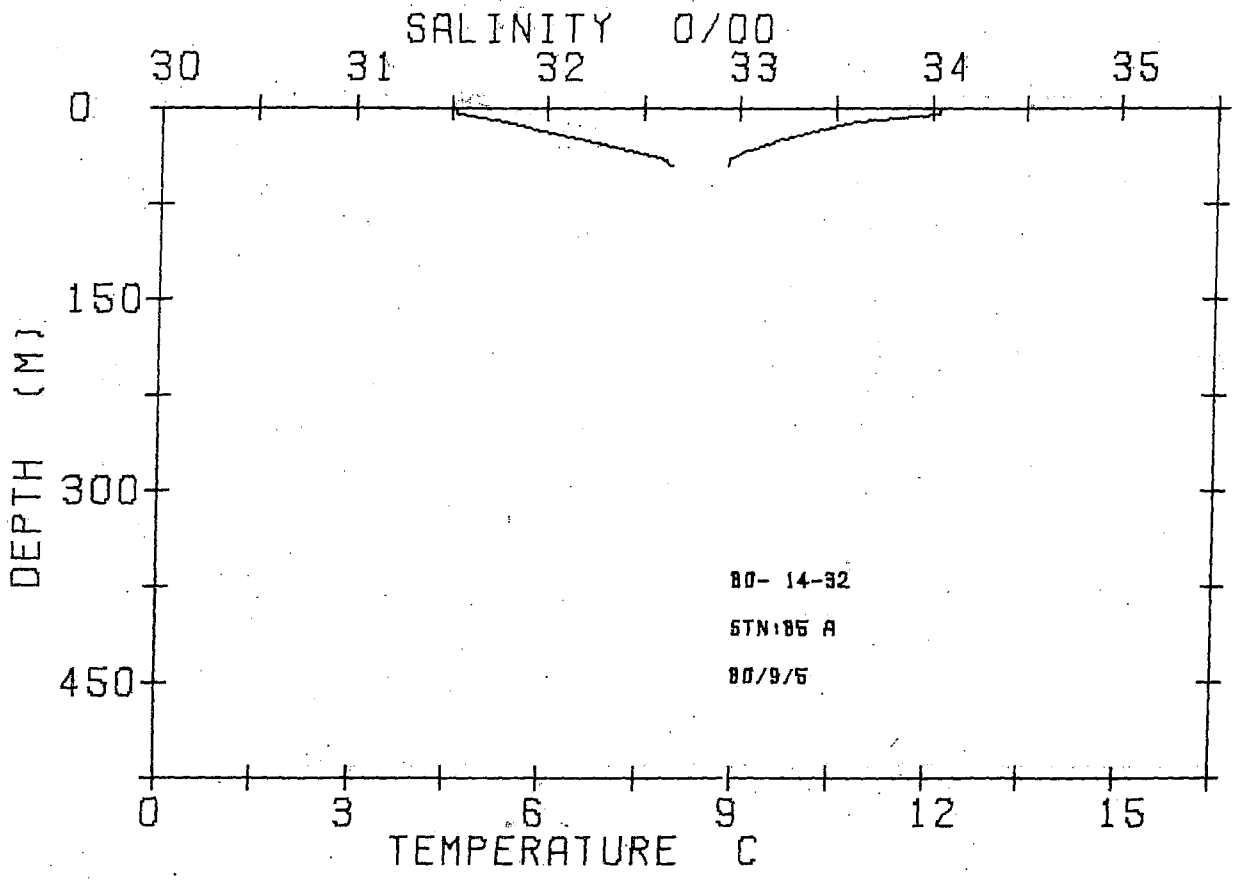

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-31
STN:86
80/8/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 86 CONS #031
LAT N 49 00.5 LONG W 125 55.0
DATE 80/09/05 TIME (PST) 1417

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.73	31.56	23.81	410.3	.00	.00	1495.7
10	12.71	31.56	23.81	410.3	.41	.02	1495.8
20	11.36	31.75	24.21	372.2	.81	.08	1491.5
30	9.34	32.38	25.04	293.0	1.14	.16	1485.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
45.5	8.99	32.56	25.24	274.9	1.57	.33	1484.3

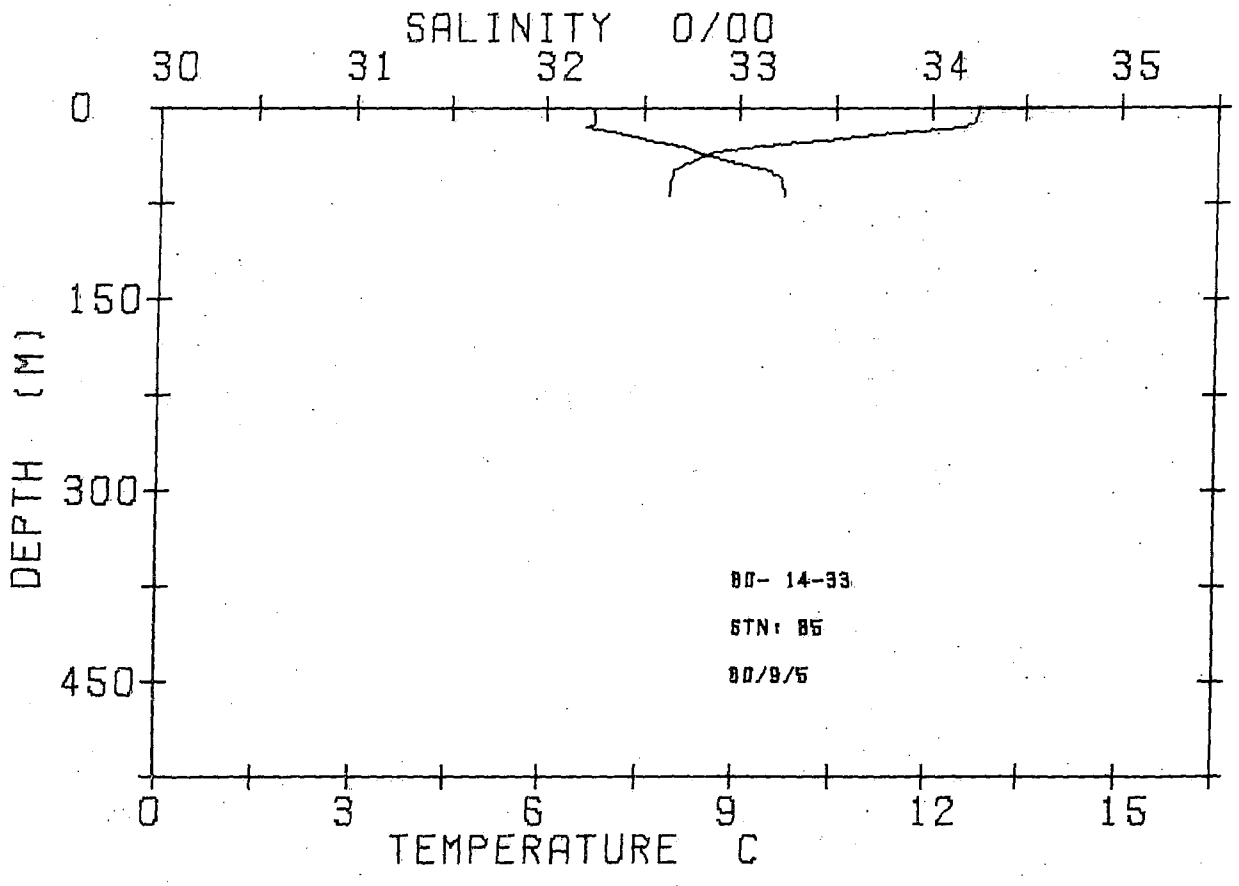

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-32
STN:85 A
80/9/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 85 A CONS #032
LAT N 48 58.0 LONG W 125 59.0
DATE 80/09/05 TIME (PST) 1442

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.13	31.52	23.89	402.3	.00	.00	1493.6
10	10.89	31.78	24.32	361.7	.39	.02	1489.6
20	10.06	32.03	24.65	330.7	.74	.07	1487.1
30	9.37	32.34	25.00	296.8	1.05	.15	1485.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
45.1	8.83	32.65	25.33	266.2	1.47	.30	1483.8

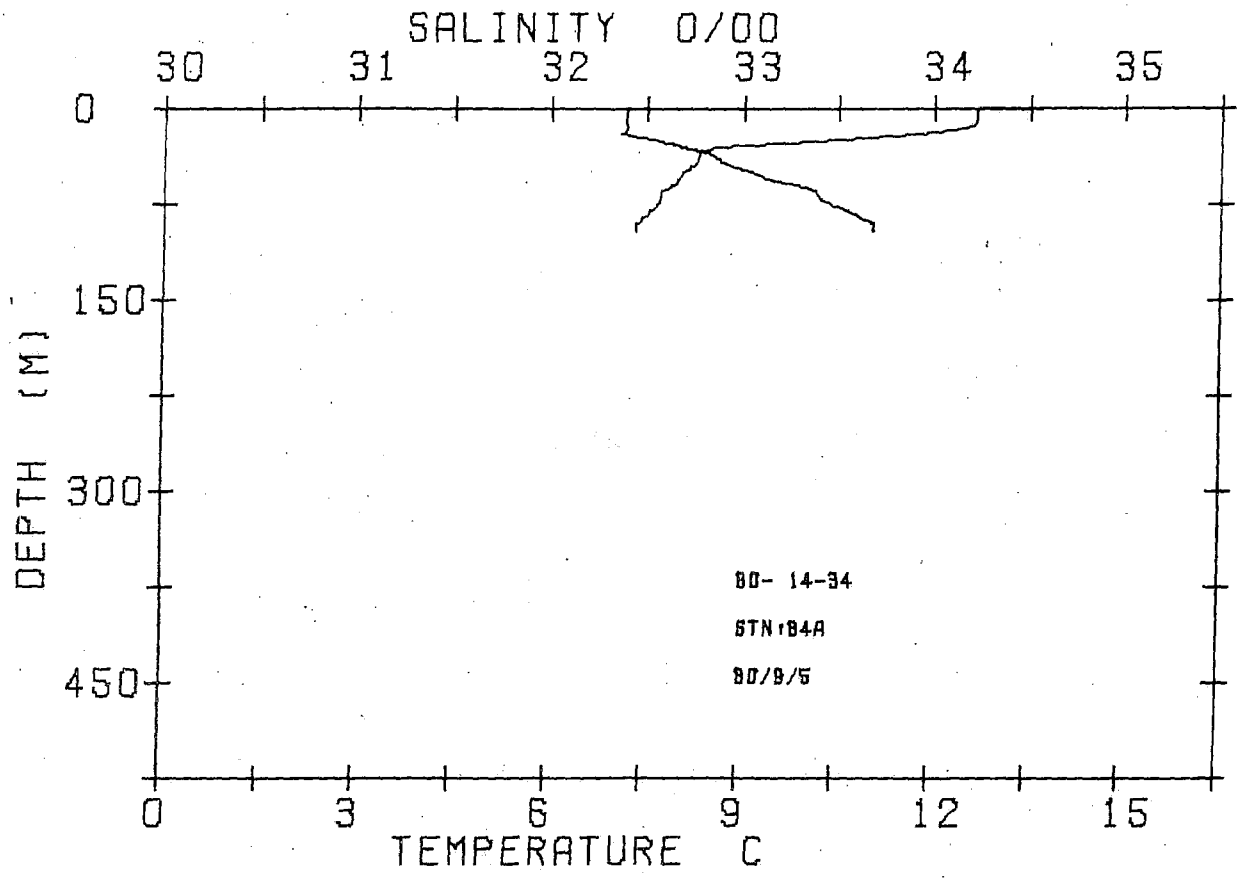

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-33
STN: 85
80/9/5
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 85 CONS #033
LAT N 48 55.0 LONG W 126 03.2
DATE 80/09/05 TIME (PST) 1517

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.74	32.25	24.34	359.7	.00	.00	1496.5
10	12.70	32.25	24.35	358.9	.36	.02	1496.6
20	11.44	32.37	24.68	327.9	.71	.07	1492.5
30	9.39	32.70	25.28	270.2	1.01	.14	1485.7
50	7.97	33.17	25.87	215.0	1.49	.34	1481.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
68.8	7.92	33.24	25.93	209.5	1.89	.57	1481.4


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-34
STN:84A
80/9/5
0
3
6
9
12
15
TEMPERATURE C

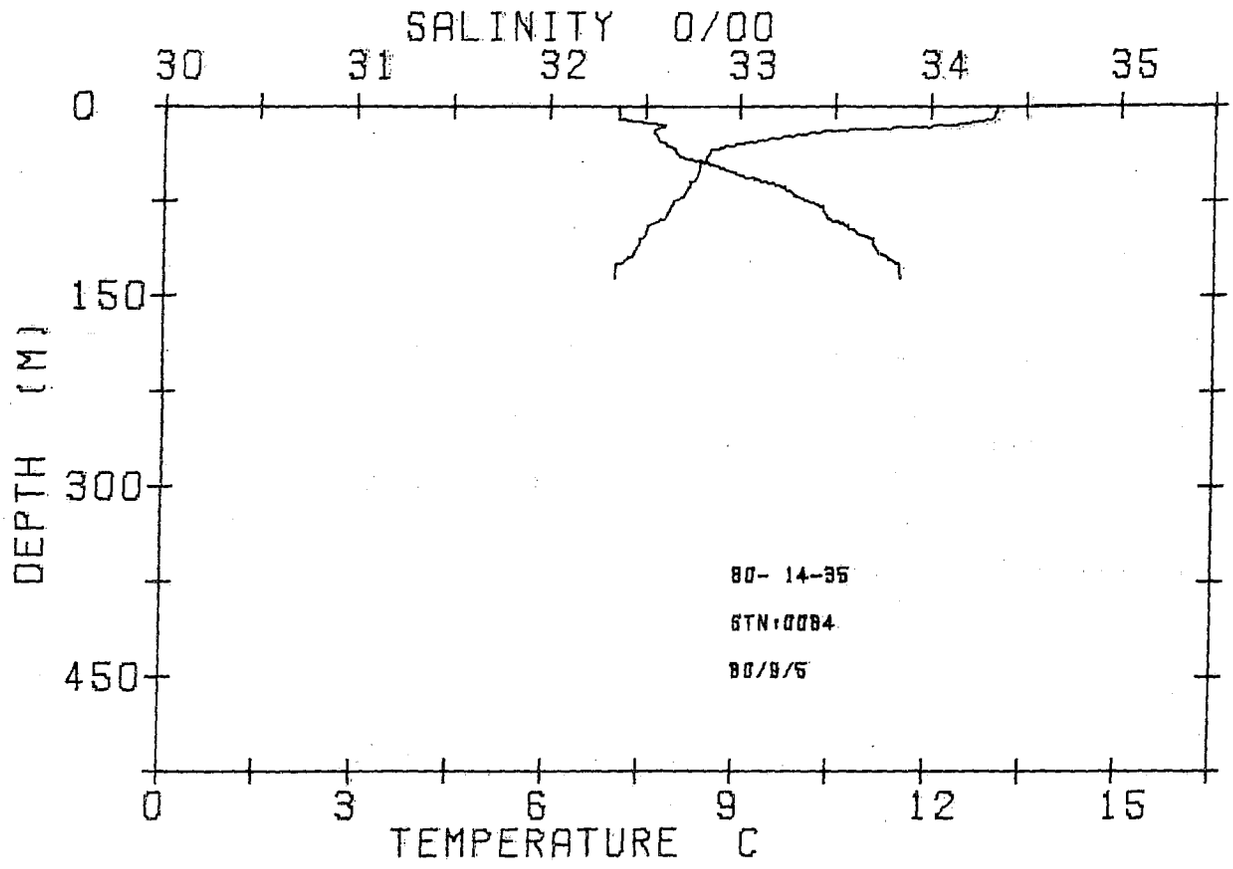
CRUISE : C.O.D.E. 80-14.
STATION: 84A CONS #034
LAT N 48 52.0 LONG W 126 08.1
DATE 80/09/05 TIME (PST) 1558

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.65	32.40	24.47	347.3	.00	.00	1496.4
10	12.62	32.39	24.47	347.2	.35	.02	1496.5
20	11.74	32.37	24.62	333.0	.69	.07	1493.6
30	8.58	32.69	25.40	259.1	.98	.14	1482.6
50	8.06	33.04	25.75	226.0	1.47	.33	1481.4
75	7.64	33.46	26.14	189.6	1.98	.65	1480.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
96.3	7.34	33.69	26.36	168.6	2.35	.97	1480.2

WIND MIXED LAYER DEPTH = 17.2 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-35
STN:0084
80/9/5
0
3
6
9
12
15
TEMPERATURE C

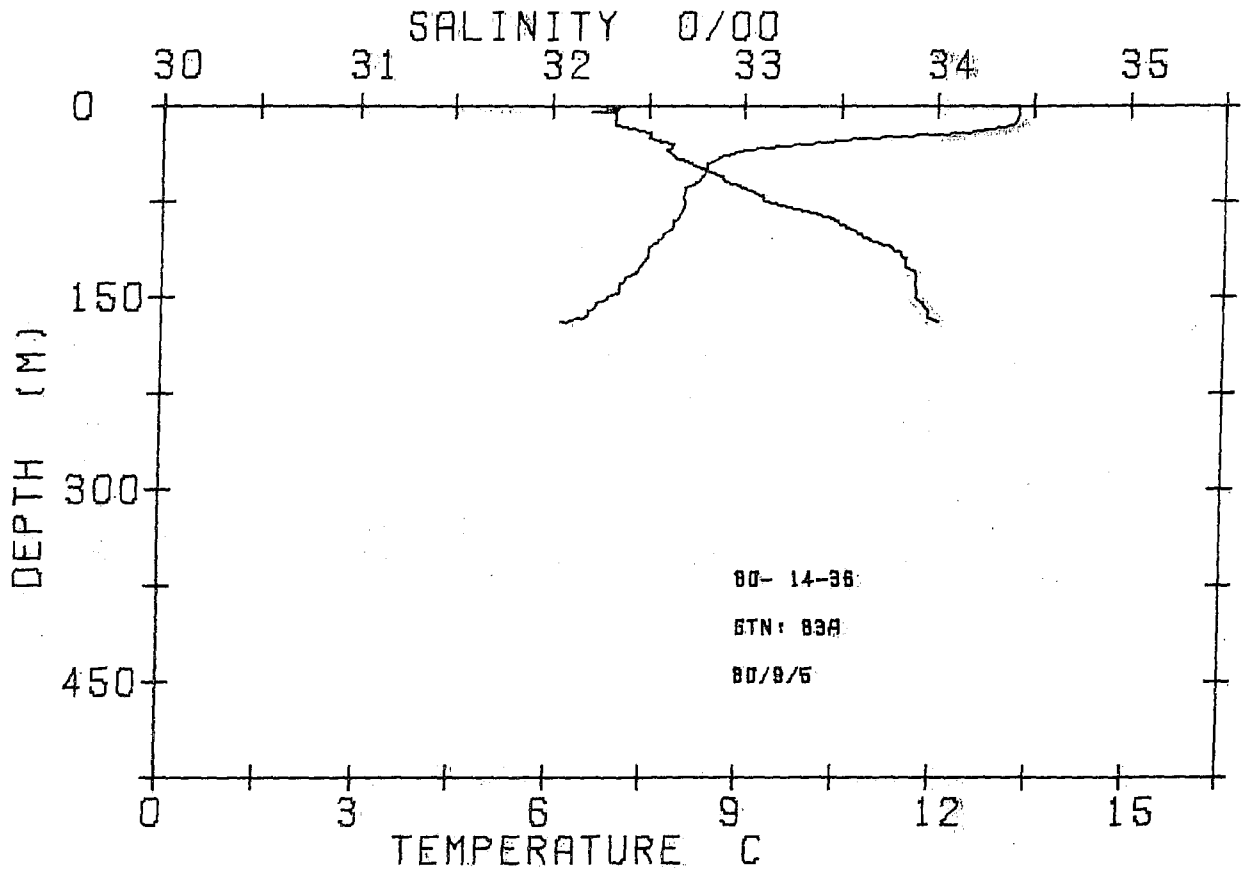
CRUISE : C.O.D.E. 80-14.
STATION: 0084 CONS #035
LAT N 48 49.0 LONG W 126 13.0
DATE 80/09/05 TIME (PST) 1644

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.02	32.36	24.37	356.6	.00	.00	1497.6
10	12.92	32.37	24.40	354.1	.36	.02	1497.5
20	10.41	32.54	24.99	298.4	.68	.07	1489.1
30	8.97	32.60	25.27	271.1	.97	.14	1484.0
50	8.37	32.92	25.61	239.2	1.48	.34	1482.5
75	7.98	33.36	26.01	201.4	2.02	.68	1481.9
100	7.53	33.62	26.29	176.1	2.50	1.09	1481.0
125	7.08	33.84	26.52	154.2	2.91	1.56	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
135.8	7.05	33.85	26.53	153.5	3.08	1.77	1480.0

WIND MIXED LAYER DEPTH = 10.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-36
STN: 83A
80/9/5
0
3
6
9
12
15
TEMPERATURE C

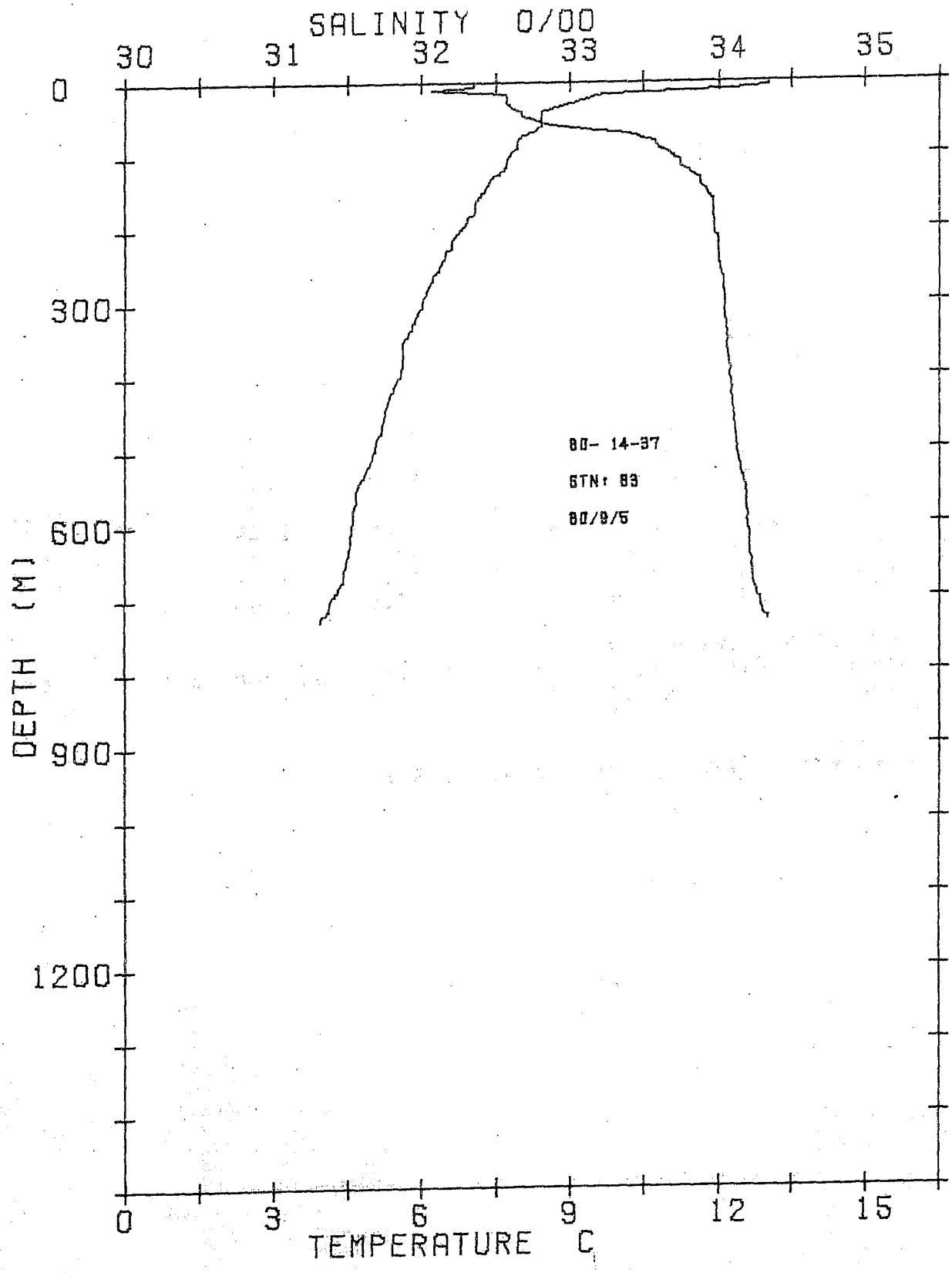
CRUISE : C.O.D.E. 80-14.
STATION: 83A CONS #036
LAT N 48 46.1 LONG W 126 17.7
DATE 80/09/05 TIME (PST) 1724

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.27	32.34	24.30	362.9	.00	.00	1498.5
10	13.26	32.33	24.30	363.4	.36	.02	1498.6
20	12.47	32.50	24.58	336.7	.72	.07	1496.3
30	9.95	32.63	25.13	284.7	1.03	.15	1487.7
50	8.42	32.79	25.50	249.7	1.56	.36	1482.5
75	8.10	33.12	25.81	220.9	2.14	.72	1482.1
100	7.76	33.61	26.24	180.4	2.64	1.15	1481.8
125	7.38	33.84	26.47	158.5	3.05	1.62	1481.0
150	6.91	33.90	26.59	147.5	3.43	2.14	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
170.1	6.18	34.02	26.78	129.7	3.72	2.59	1477.3

WIND MIXED LAYER DEPTH = 15.6 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-37
STN: 83
80/9/5
0
3
6
9
12
15
TEMPERATURE C

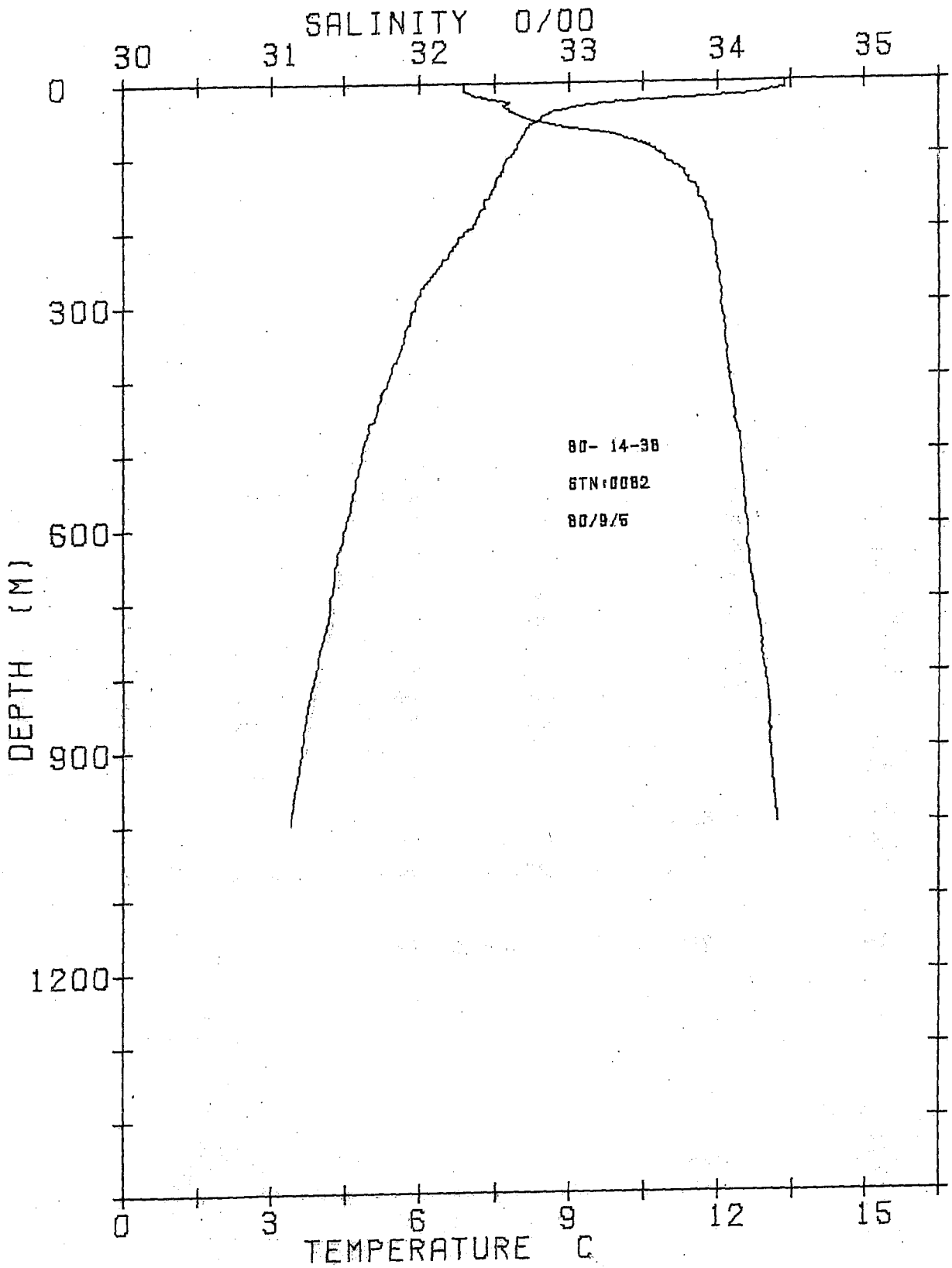
CRUISE : C.O.D.E. 80-14.
STATION: 83 CONS #037
LAT N 48 43.2 LONG W 126 22.5
DATE 80/09/05 TIME (PST) 1810

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.04	32.35	24.35	358.2	.00	.00	1497.7
10	12.25	32.07	24.30	363.8	.36	.02	1494.8
20	9.48	32.58	25.17	280.7	.66	.06	1485.7
30	8.95	32.59	25.26	272.0	.94	.13	1483.9
50	8.39	32.75	25.47	252.5	1.46	.34	1482.3
75	8.03	33.50	26.12	191.8	2.03	.69	1482.3
100	7.80	33.70	26.31	174.1	2.48	1.08	1482.1
125	7.58	33.83	26.44	161.9	2.90	1.56	1481.8
150	7.26	33.92	26.55	151.4	3.29	2.09	1481.1
175	7.07	33.96	26.62	145.6	3.66	2.69	1480.8
200	6.81	33.97	26.66	142.0	4.02	3.36	1480.2
225	6.59	34.00	26.71	137.4	4.37	4.10	1479.8
250	6.38	34.01	26.75	134.0	4.71	4.91	1479.4
300	6.03	34.04	26.82	128.1	5.36	6.71	1478.8
400	5.57	34.07	26.90	121.1	6.60	11.04	1478.6
500	5.06	34.12	27.00	112.4	7.76	16.26	1478.3
600	4.59	34.20	27.11	102.0	8.82	22.07	1478.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
730.1	3.93	34.33	27.28	86.1	10.08	30.44	1477.6

WIND MIXED LAYER DEPTH = 7.9 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-38
STN:0082
80/9/5
0
3
6
9
12
15
TEMPERATURE C

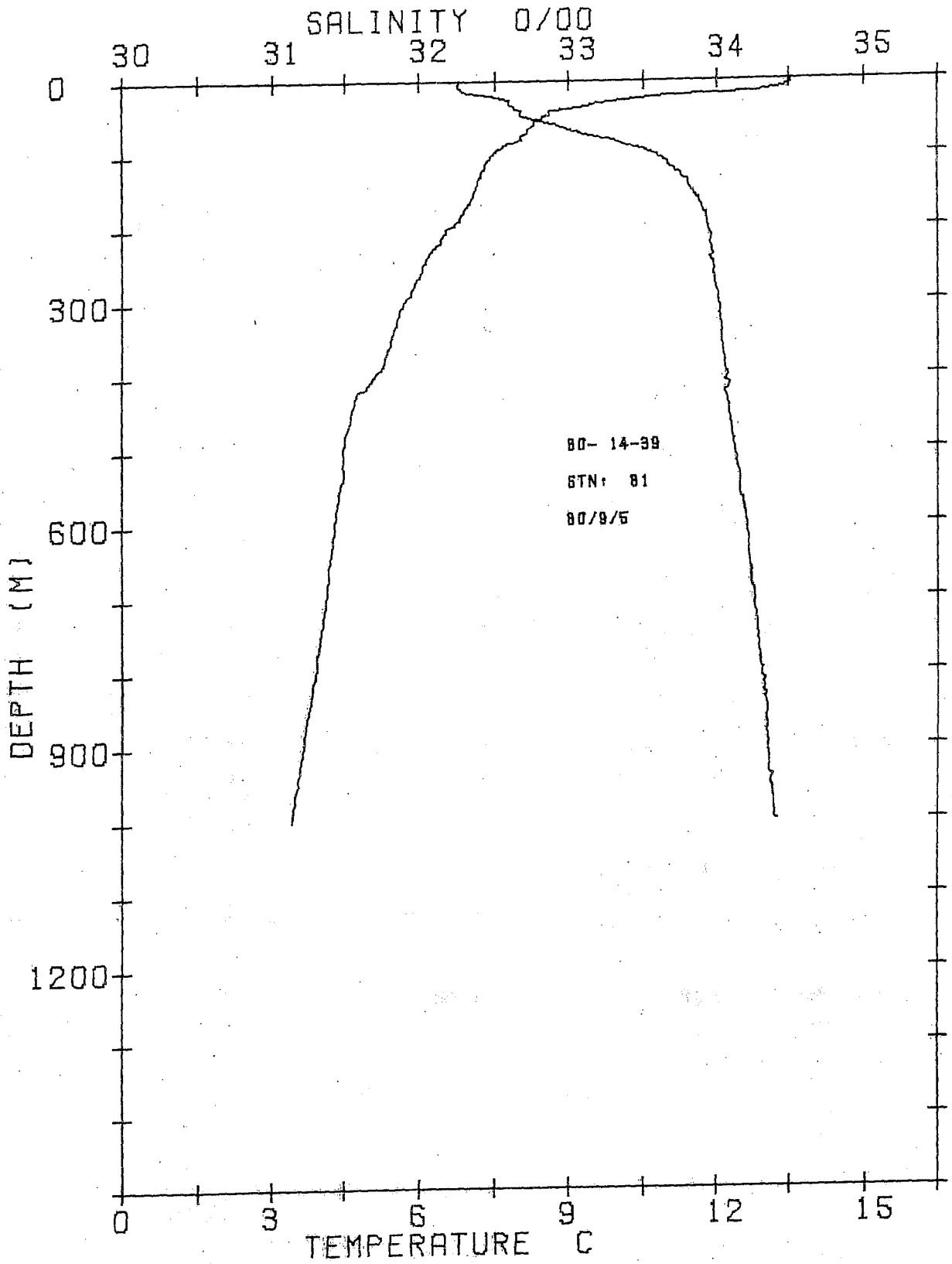
CRUISE : C.O.D.E. 80-14.
STATION: 0082 CONS #038
LAT N 48 37.2 LONG W 126 32.0
DATE 80/09/05 TIME (PST) 1945

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.39	32.29	24.25	368.5	.00	.00	1498.8
10	13.38	32.29	24.25	368.4	.37	.02	1498.9
20	11.89	32.43	24.64	331.5	.72	.07	1494.2
30	9.43	32.56	25.17	281.1	1.02	.14	1485.7
50	8.43	32.75	25.47	252.6	1.55	.36	1482.5
75	8.05	33.39	26.02	200.6	2.11	.70	1482.2
100	7.82	33.64	26.25	179.0	2.58	1.11	1482.1
125	7.63	33.78	26.39	166.4	3.01	1.60	1482.0
150	7.45	33.87	26.49	157.5	3.41	2.15	1481.8
175	7.21	33.93	26.57	150.3	3.80	2.77	1481.3
200	6.97	33.96	26.63	144.7	4.17	3.47	1480.8
225	6.66	33.99	26.69	139.2	4.52	4.22	1480.0
250	6.40	34.00	26.74	135.2	4.86	5.03	1479.4
300	5.94	34.02	26.81	128.2	5.52	6.83	1478.4
400	5.41	34.08	26.92	118.5	6.75	11.12	1478.0
500	4.87	34.16	27.05	107.3	7.87	16.17	1477.5
600	4.54	34.21	27.12	100.9	8.92	21.91	1477.8
800	3.93	34.33	27.28	86.6	10.80	35.05	1478.7
1000	3.41	34.41	27.40	76.4	12.42	49.62	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.2	3.41	34.41	27.40	76.3	12.42	49.63	1480.0

WIND MIXED LAYER DEPTH = 13.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-39
STN: 81
80/9/5
0
3
6
9
12
15
TEMPERATURE C

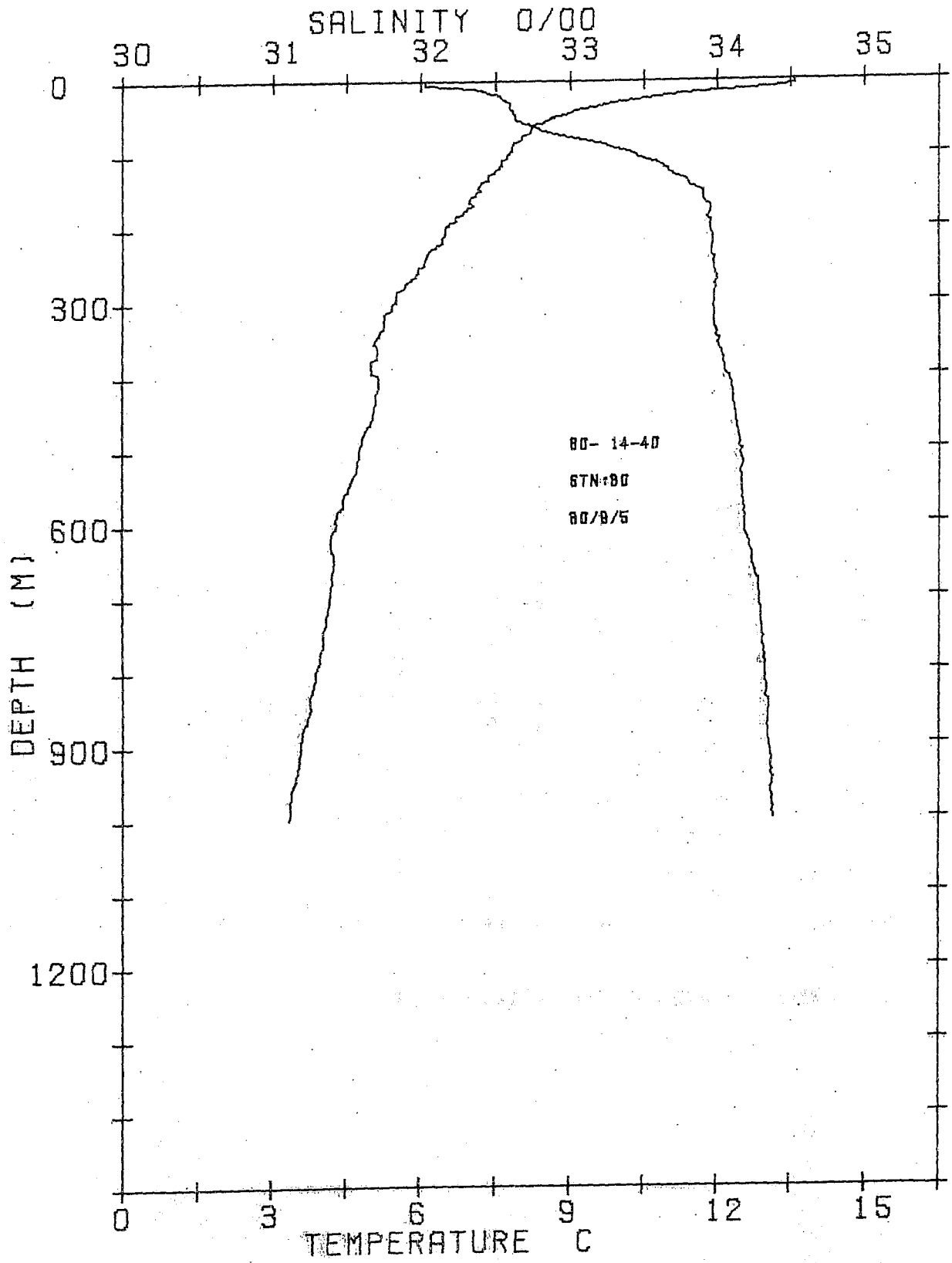
CRUISE : C.O.D.E. 80-14.
STATION: 81 CONS #039
LAT N 48 31.2 LONG W 126 41.5
DATE 80/09/05 TIME (PST) 2121

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.51	32.26	24.20	373.3	.00	.00	1499.2
10	13.40	32.27	24.22	371.0	.37	.02	1499.0
20	11.20	32.47	24.79	316.9	.72	.07	1491.8
30	9.67	32.59	25.15	282.6	1.02	.14	1486.6
50	8.46	32.74	25.46	254.0	1.55	.36	1482.5
75	8.01	33.20	25.89	213.7	2.14	.72	1481.8
100	7.49	33.59	26.26	178.2	2.62	1.14	1480.7
125	7.23	33.75	26.42	163.1	3.05	1.62	1480.4
150	7.11	33.84	26.51	155.1	3.44	2.17	1480.4
175	6.91	33.91	26.60	147.2	3.82	2.78	1480.1
200	6.56	33.95	26.68	140.2	4.18	3.45	1479.2
225	6.34	33.97	26.72	136.6	4.53	4.19	1478.8
250	6.08	33.98	26.76	132.7	4.87	4.99	1478.1
300	5.72	34.02	26.84	125.8	5.51	6.77	1477.5
400	5.13	34.08	26.95	115.5	6.73	11.01	1476.8
500	4.50	34.13	27.07	105.1	7.82	15.94	1475.9
600	4.32	34.22	27.16	97.5	8.84	21.52	1477.0
800	3.94	34.32	27.28	87.1	10.69	34.45	1478.8
1000	3.41	34.42	27.40	75.9	12.32	49.10	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.2	3.41	34.42	27.40	75.9	12.33	49.12	1480.0

WIND MIXED LAYER DEPTH = 12.6 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-40
STN:80
80/8/5
0
3
6
9
12
15
TEMPERATURE C

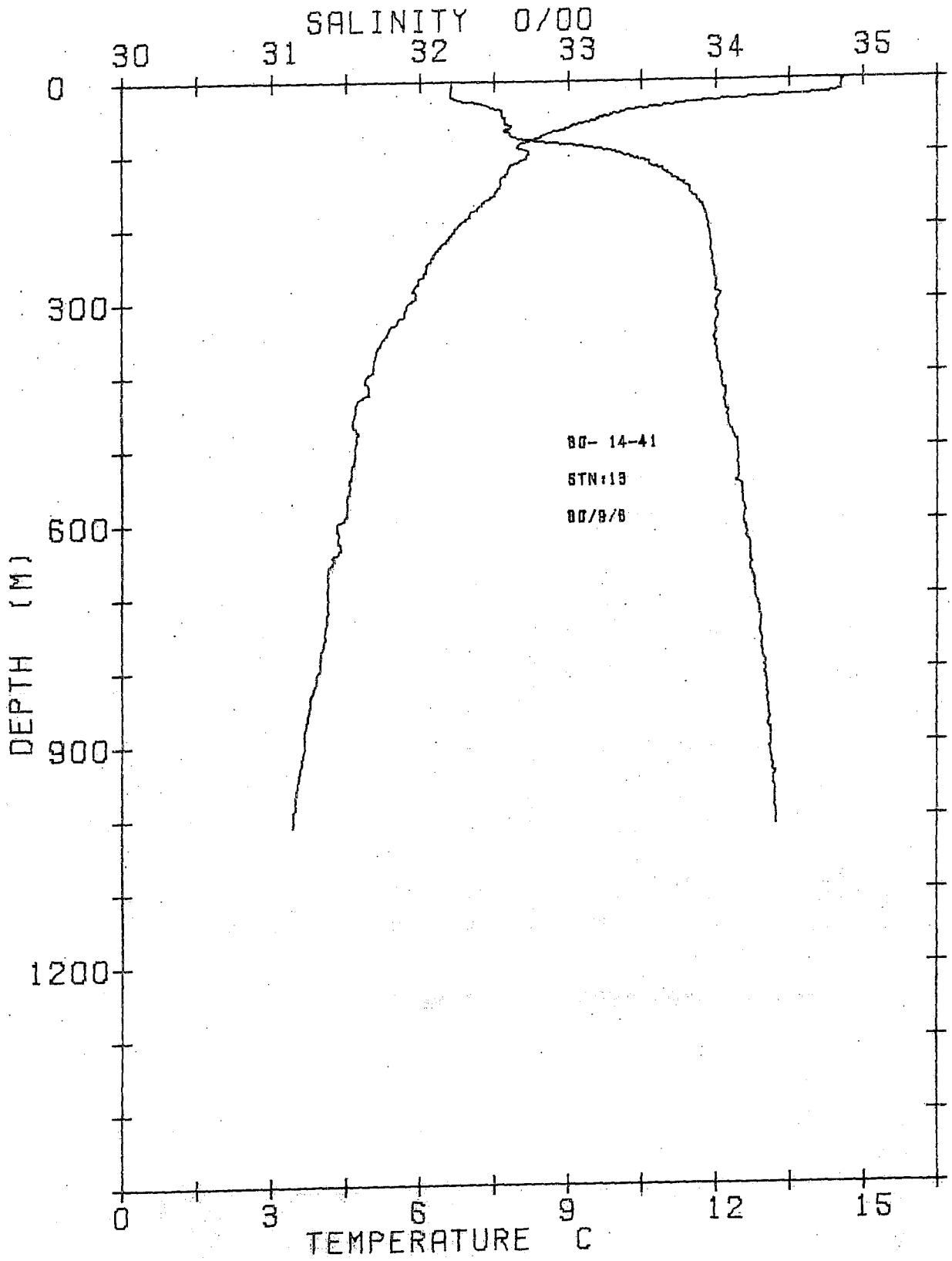
CRUISE : C.O.D.E. 80-14.
STATION: 80 CONS #040
LAT N 48 26.0 LONG W 126 50.0
DATE 80/09/05 TIME (PST) 2305

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.58	32.03	24.01	391.2	.00	.00	1499.1
10	13.09	32.36	24.36	357.8	.38	.02	1498.0
20	11.04	32.53	24.87	309.5	.71	.07	1491.3
30	9.89	32.59	25.11	286.3	1.01	.14	1487.4
50	8.67	32.63	25.34	265.1	1.56	.36	1483.2
75	8.05	33.00	25.72	229.4	2.18	.75	1481.7
100	7.78	33.45	26.11	192.4	2.71	1.20	1481.7
125	7.48	33.69	26.35	170.6	3.16	1.71	1481.2
150	7.20	33.89	26.54	152.2	3.56	2.26	1480.8
175	6.93	33.95	26.63	144.7	3.93	2.86	1480.2
200	6.52	33.95	26.68	139.5	4.29	3.53	1479.0
225	6.30	33.96	26.72	136.3	4.63	4.26	1478.6
250	6.06	33.98	26.76	132.5	4.97	5.06	1478.0
300	5.49	33.98	26.83	126.0	5.61	6.82	1476.6
400	5.13	34.08	26.95	115.4	6.81	11.03	1476.9
500	4.77	34.17	27.07	105.4	7.92	16.01	1477.1
600	4.31	34.19	27.14	99.4	8.95	21.67	1476.9
800	3.92	34.33	27.29	86.2	10.79	34.52	1478.7
1000	3.37	34.39	27.39	77.5	12.42	49.16	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.2	3.37	34.39	27.39	77.5	12.42	49.18	1479.7

WIND MIXED LAYER DEPTH = 5.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-41
STN:15
80/9/6
0
3
6
9
12
15
TEMPERATURE C

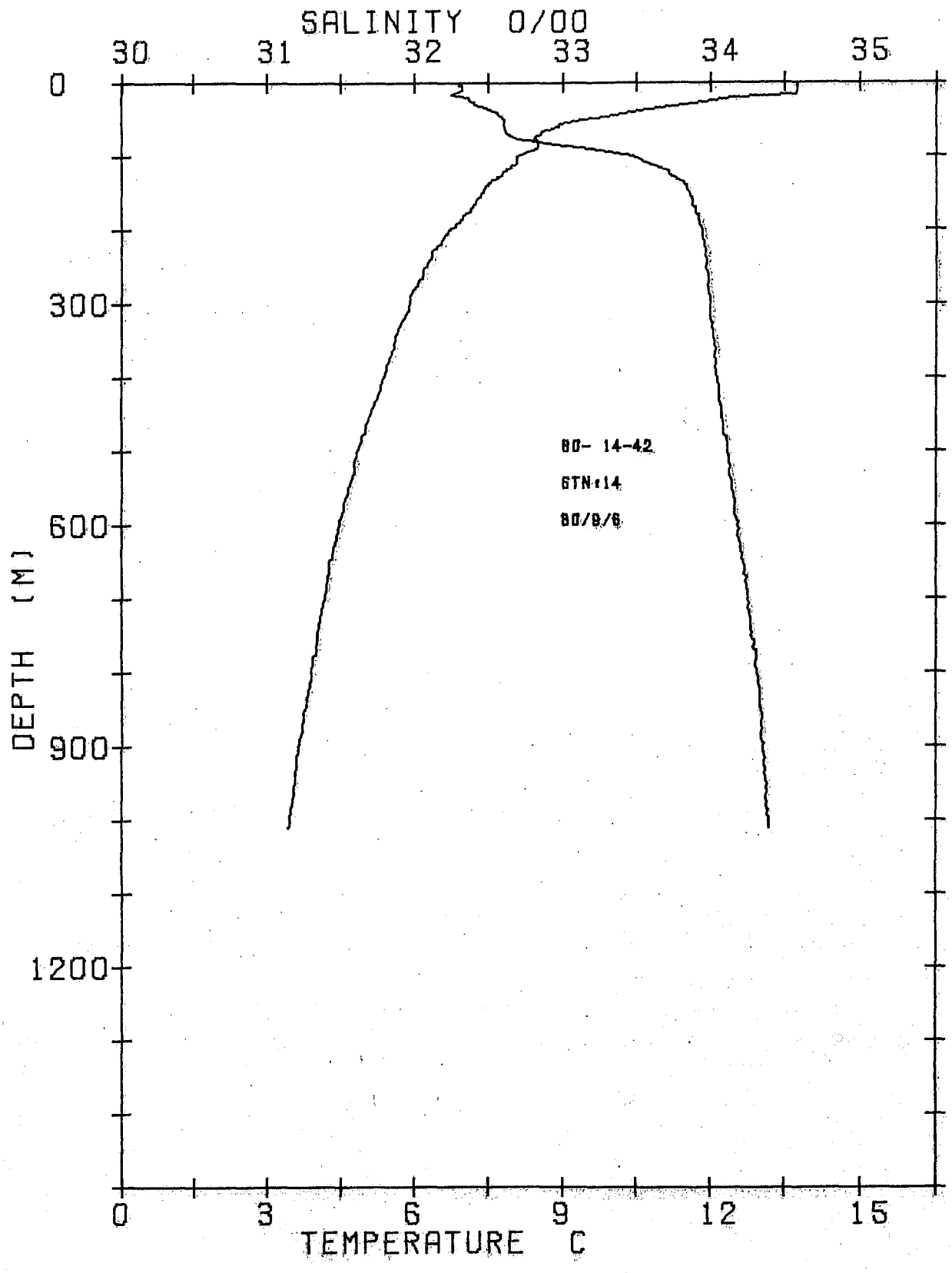
CRUISE : C.O.D.E. 80-14.
STATION: 13 CONS #041
LAT N 48 20.0 LONG W 126 59.0
DATE 80/09/06 TIME (PST) 0035

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.60	32.21	23.94	398.1	.00	.00	1502.7
10	14.55	32.21	23.95	397.4	.40	.02	1502.7
20	14.32	32.20	23.98	394.2	.79	.08	1502.1
30	11.57	32.40	24.68	328.2	1.15	.17	1493.2
50	9.69	32.57	25.13	285.4	1.75	.41	1486.9
75	8.43	32.63	25.37	262.3	2.44	.83	1482.7
100	8.18	33.36	25.99	204.4	3.01	1.33	1483.1
125	7.76	33.66	26.28	176.7	3.48	1.86	1482.3
150	7.57	33.83	26.44	162.2	3.90	2.44	1482.2
175	7.15	33.92	26.57	149.9	4.29	3.07	1481.1
200	6.74	33.95	26.65	142.6	4.66	3.75	1479.9
225	6.43	33.97	26.71	137.6	5.01	4.50	1479.1
250	6.15	33.97	26.75	133.8	5.34	5.30	1478.4
300	5.82	34.00	26.81	128.3	6.00	7.09	1477.9
400	4.94	34.04	26.94	116.3	7.23	11.39	1476.0
500	4.70	34.15	27.06	106.5	8.34	16.40	1476.8
600	4.32	34.19	27.14	99.5	9.38	22.08	1476.9
800	3.98	34.34	27.29	86.5	11.23	34.99	1479.0
1000	3.44	34.41	27.40	76.3	12.85	49.57	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1010.2	3.44	34.41	27.40	76.4	12.93	50.36	1480.3

WIND MIXED LAYER DEPTH = 17.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-42
GTN-14
80/9/6
0
3
6
9
12
15
TEMPERATURE C

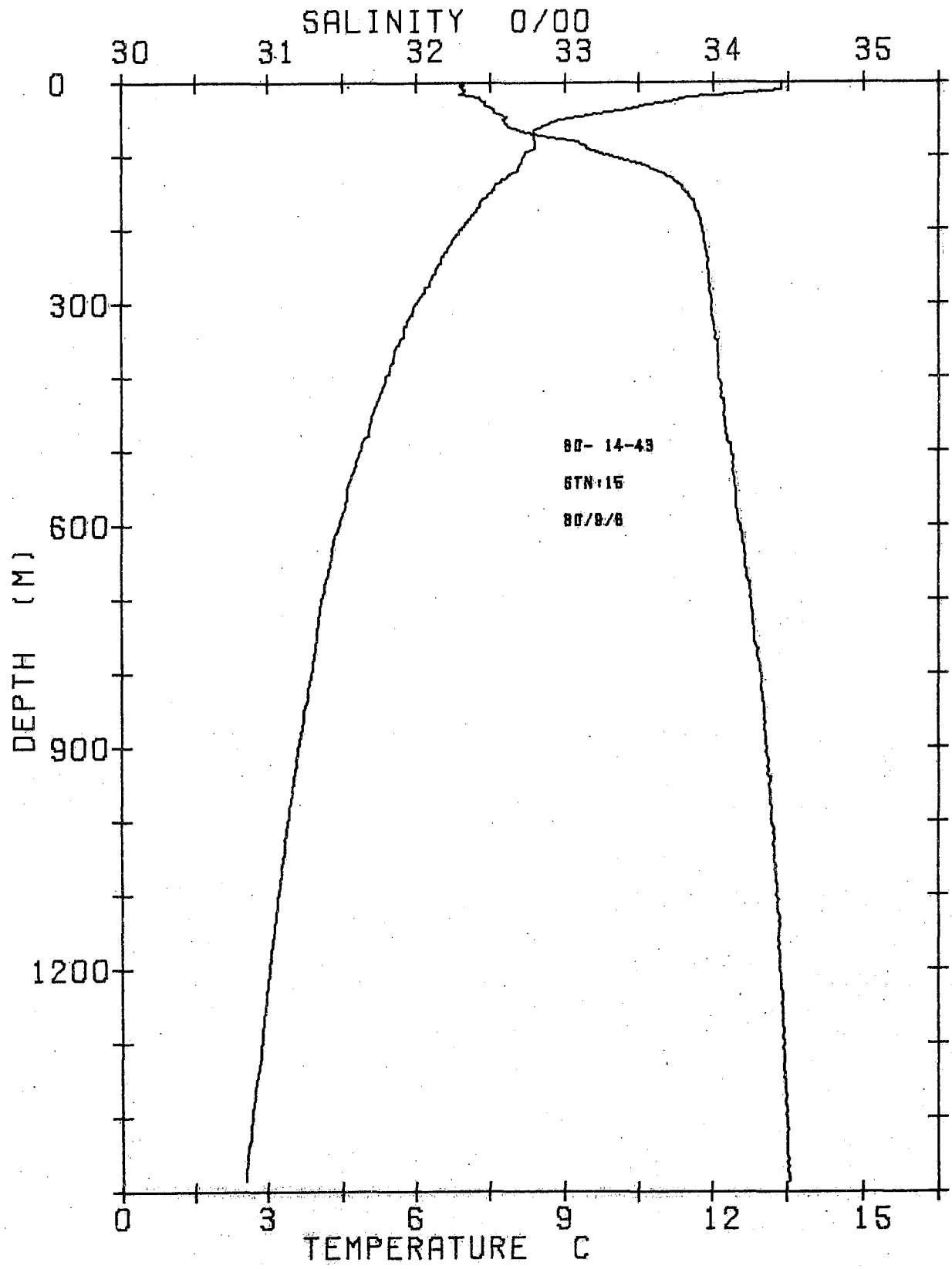
CRUISE : C.O.D.E. 80-14.
STATION: 14 CONS #042
LAT N 48 25.0 LONG W 127 09.0
DATE 80/09/06 TIME (PST) 0212

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.75	32.31	24.19	374.0	.00	.00	1500.0
10	13.76	32.32	24.19	373.8	.37	.02	1500.2
20	12.54	32.37	24.47	347.6	.74	.07	1496.3
30	11.53	32.41	24.69	326.5	1.08	.16	1493.1
50	9.42	32.61	25.20	278.1	1.68	.39	1486.0
75	8.43	32.69	25.42	257.5	2.35	.81	1482.8
100	8.11	33.48	26.09	194.8	2.91	1.31	1483.0
125	7.78	33.74	26.34	171.1	3.37	1.82	1482.5
150	7.40	33.86	26.49	157.6	3.78	2.38	1481.5
175	7.14	33.90	26.56	151.0	4.16	3.00	1481.0
200	6.75	33.95	26.65	142.8	4.53	3.69	1480.0
225	6.46	33.97	26.70	138.2	4.88	4.43	1479.2
250	6.26	33.97	26.73	135.4	5.22	5.25	1478.8
300	5.93	34.00	26.79	130.1	5.88	7.06	1478.4
400	5.41	34.05	26.90	120.8	7.14	11.44	1478.0
500	4.87	34.12	27.02	110.3	8.29	16.64	1477.5
600	4.50	34.19	27.11	101.9	9.35	22.46	1477.6
800	3.94	34.32	27.27	87.7	11.23	35.58	1478.8
1000	3.48	34.40	27.39	77.7	12.88	50.35	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1010.0	3.46	34.40	27.39	77.6	12.96	51.13	1480.3

WIND MIXED LAYER DEPTH = 10.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-43
STN:15
80/9/6
0
3
6
9
12
15
TEMPERATURE C

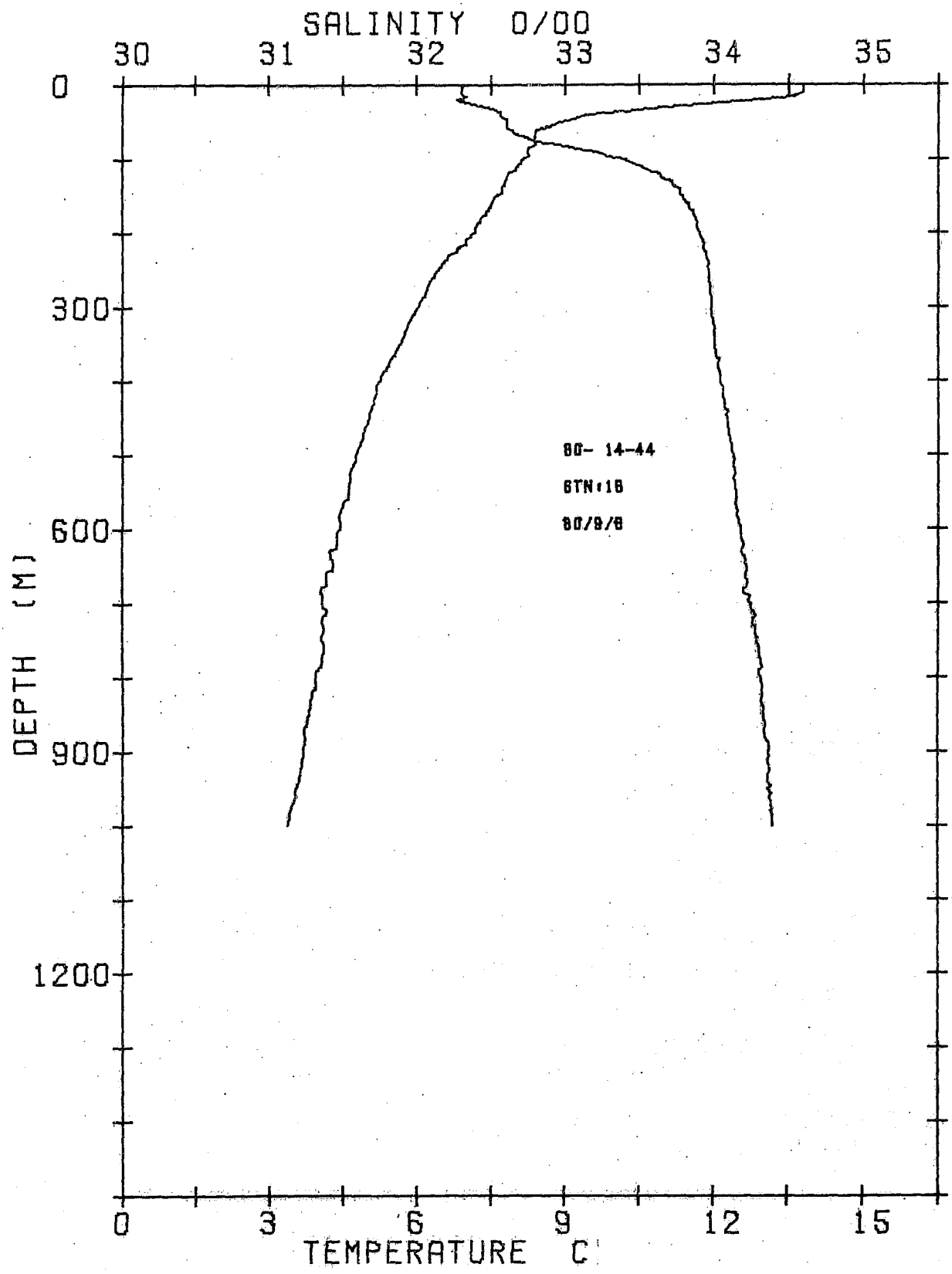
CRUISE : C.O.D.E. 80-14.
STATION: 15 CONS #043
LAT N 48 29.0 LONG W 127 19.0
DATE 80/09/06 TIME (PST) 0347

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.38	32.31	24.26	367.4	.00	.00	1498.8
10	13.36	32.33	24.28	365.2	.37	.02	1498.9
20	11.57	32.43	24.70	326.0	.72	.07	1493.1
30	10.72	32.46	24.88	309.1	1.03	.15	1490.2
50	8.91	32.59	25.27	271.8	1.61	.38	1484.1
75	8.36	32.96	25.64	236.8	2.26	.78	1482.9
100	8.18	33.31	25.95	208.1	2.81	1.26	1483.0
125	7.88	33.69	26.29	176.2	3.29	1.80	1482.8
150	7.52	33.83	26.45	161.2	3.71	2.38	1482.0
175	7.24	33.89	26.54	153.1	4.10	3.01	1481.4
200	6.93	33.93	26.61	146.4	4.47	3.71	1480.6
225	6.65	33.95	26.67	141.5	4.83	4.48	1480.0
250	6.46	33.96	26.70	138.8	5.18	5.31	1479.6
300	6.03	33.99	26.78	131.7	5.86	7.17	1478.7
400	5.41	34.04	26.89	121.6	7.12	11.57	1478.0
500	4.90	34.12	27.01	110.7	8.28	16.79	1477.6
600	4.46	34.19	27.12	101.5	9.34	22.60	1477.5
800	3.90	34.32	27.28	86.6	11.21	35.68	1478.6
1000	3.43	34.40	27.39	77.1	12.84	50.31	1480.0
1200	3.06	34.46	27.48	69.6	14.30	66.33	1481.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1485.1	2.54	34.52	27.57	61.3	16.16	91.25	1484.4

WIND MIXED LAYER DEPTH = 6.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-44
STN:16
80/9/6
0
3
6
9
12
15
TEMPERATURE C

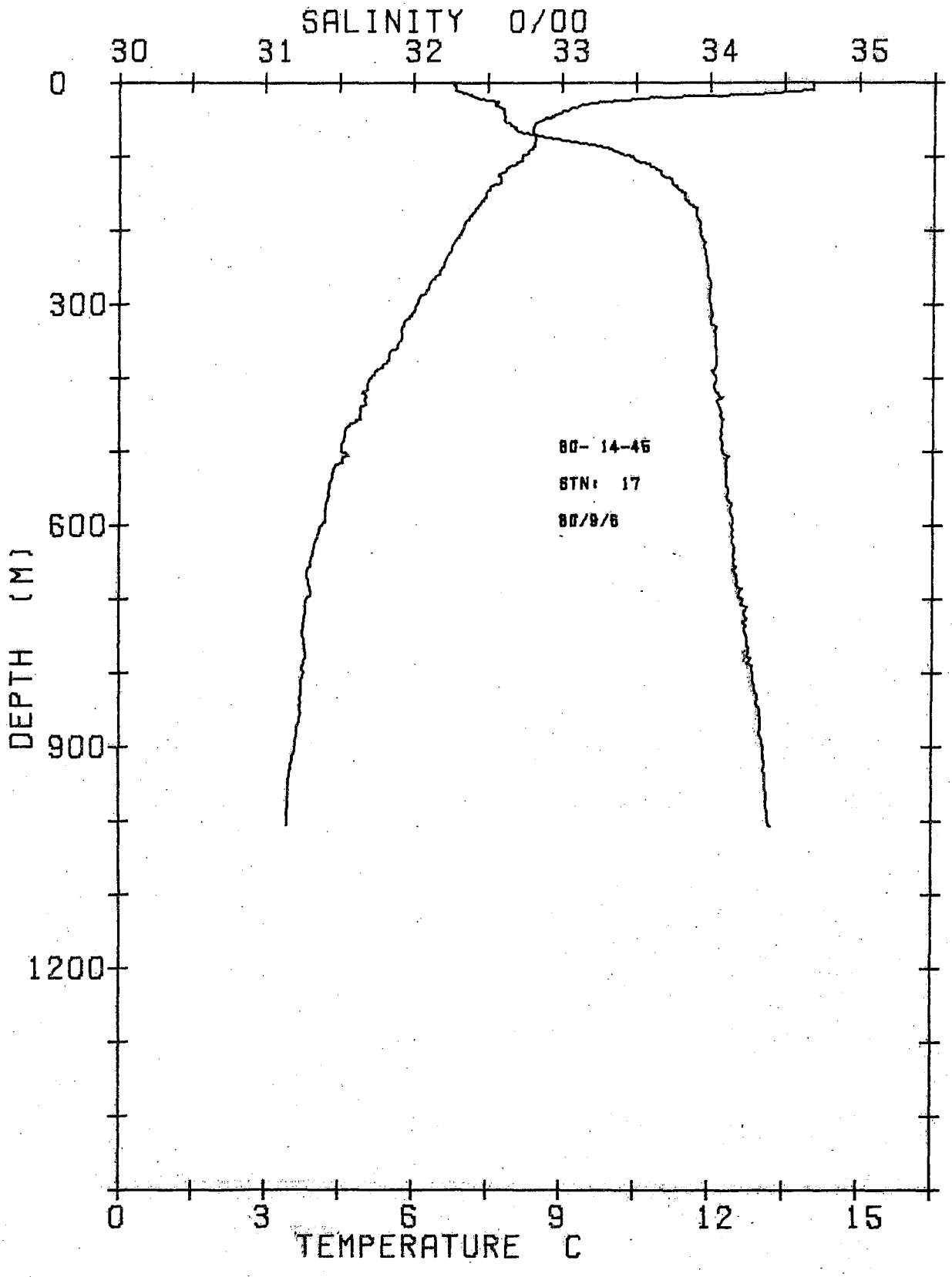
CRUISE : C.O.D.E. 80-14.
STATION: 16 CONS #044
LAT N 48 34.0 LONG W 127 28.0
DATE 80/09/06 TIME (PST) 0634

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.80	32.31	24.17	375.5	.00	.00	1500.2
10	13.79	32.30	24.17	376.2	.38	.02	1500.3
20	12.99	32.27	24.30	363.5	.75	.07	1497.8
30	11.08	32.47	24.82	314.8	1.08	.16	1491.5
50	8.90	32.61	25.29	269.8	1.65	.38	1484.1
75	8.38	32.81	25.52	248.1	2.31	.79	1482.8
100	8.16	33.41	26.03	200.7	2.86	1.27	1483.1
125	7.84	33.66	26.27	178.0	3.33	1.80	1482.6
150	7.62	33.79	26.40	165.6	3.76	2.39	1482.3
175	7.37	33.87	26.50	156.4	4.16	3.04	1481.9
200	7.17	33.91	26.56	151.2	4.55	3.77	1481.5
225	6.80	33.95	26.64	143.8	4.92	4.55	1480.5
250	6.45	33.97	26.71	138.0	5.27	5.38	1479.6
300	6.05	33.99	26.77	132.1	5.94	7.24	1478.8
400	5.27	34.05	26.92	119.0	7.20	11.63	1477.4
500	4.81	34.14	27.04	108.0	8.34	16.74	1477.3
600	4.46	34.19	27.12	101.5	9.39	22.51	1477.5
800	3.96	34.32	27.27	88.0	11.27	35.65	1478.9
1000	3.39	34.40	27.40	76.5	12.92	50.42	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.39	34.40	27.40	76.5	12.92	50.42	1479.9

WIND MIXED LAYER DEPTH = 14.1 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-45
STN: 17
80/9/6
0
3
6
9
12
15
TEMPERATURE C

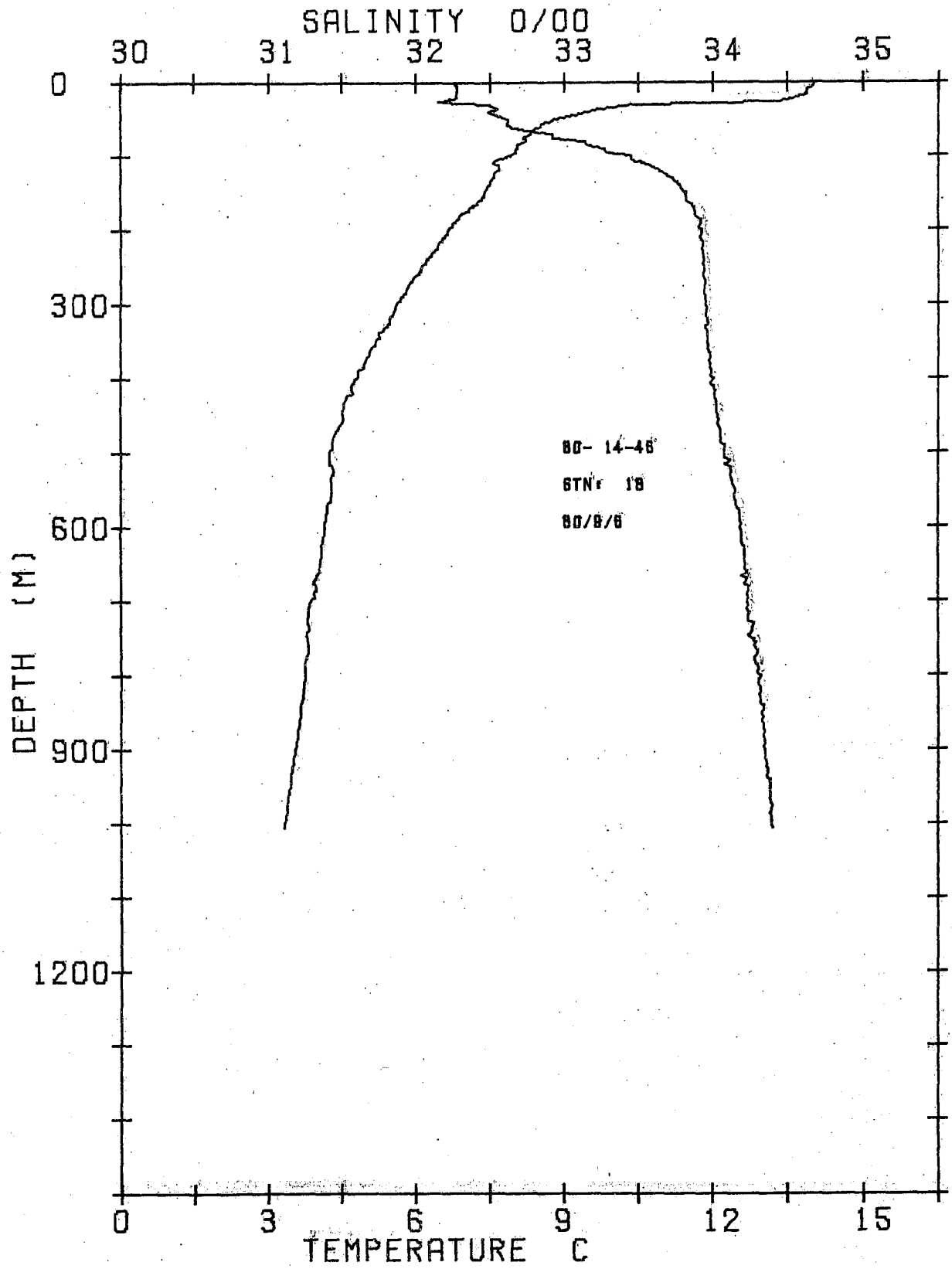
CRUISE : C.O.D.E. 80-14.
STATION: 17 CONS #045
LAT N 48 37.5 LONG W 127 37.0
DATE 80/09/06 TIME (PST) 0812

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.07	32.26	24.08	384.1	.00	.00	1501.0
10	14.07	32.28	24.10	383.0	.38	.02	1501.2
20	11.01	32.41	24.78	317.6	.74	.07	1491.0
30	9.48	32.55	25.15	282.8	1.03	.14	1485.8
50	8.63	32.61	25.33	265.9	1.57	.36	1483.0
75	8.49	32.95	25.62	239.0	2.21	.76	1483.3
100	8.23	33.48	26.07	196.8	2.75	1.23	1483.5
125	7.72	33.68	26.30	174.8	3.21	1.75	1482.2
150	7.48	33.83	26.45	161.0	3.63	2.32	1481.8
175	7.24	33.91	26.55	152.1	4.02	2.96	1481.4
200	6.98	33.94	26.61	146.6	4.40	3.66	1480.8
225	6.77	33.97	26.66	141.9	4.76	4.42	1480.5
250	6.59	33.99	26.70	138.5	5.11	5.25	1480.2
300	6.10	34.01	26.78	131.1	5.78	7.10	1479.1
400	5.18	34.05	26.93	118.2	7.03	11.47	1477.0
500	4.57	34.10	27.04	108.0	8.16	16.54	1476.2
600	4.17	34.16	27.13	99.8	9.20	22.23	1476.3
800	3.79	34.30	27.28	87.1	11.06	35.26	1478.1
1000	3.46	34.40	27.39	77.5	12.69	49.90	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1005.7	3.44	34.42	27.40	76.3	12.74	50.34	1480.2

WIND MIXED LAYER DEPTH = 10.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-46
STN: 18
80/8/6
0
3
6
9
12
15
TEMPERATURE C

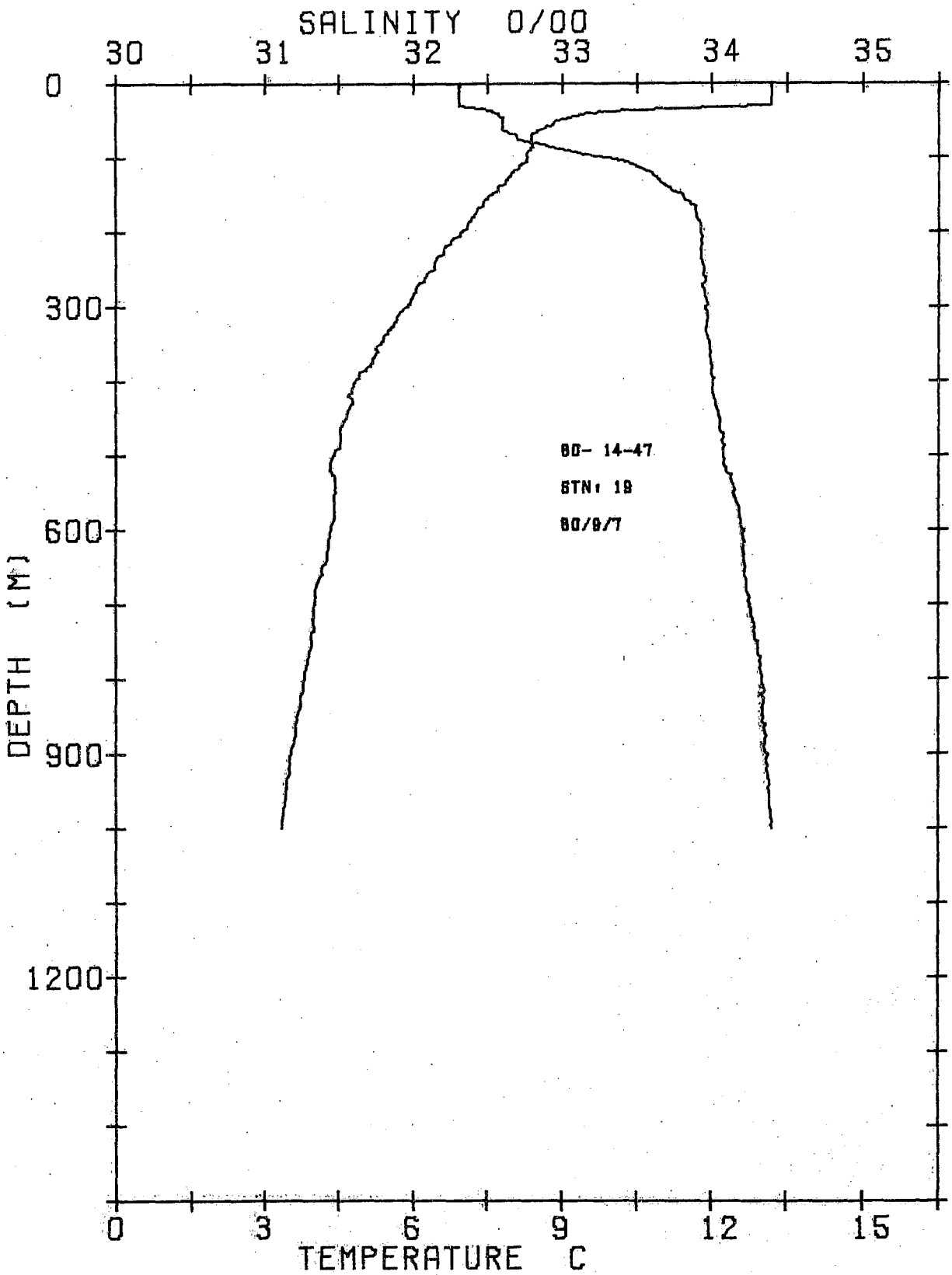
CRUISE : C.O.D.E. 80-14.
STATION: 18 CONS #046
LAT N 48 42.0 LONG W 127 46.0
DATE 80/09/06 TIME (PST) 1032

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.06	32.26	24.09	383.7	.00	.00	1501.0
10	13.93	32.28	24.13	379.9	.38	.02	1500.8
20	13.73	32.28	24.17	376.7	.76	.08	1500.3
30	10.57	32.48	24.91	305.4	1.12	.16	1489.7
50	8.86	32.62	25.30	268.7	1.69	.39	1483.9
75	8.19	32.92	25.64	236.9	2.33	.79	1482.2
100	7.92	33.44	26.09	195.1	2.86	1.25	1482.2
125	7.58	33.69	26.33	172.4	3.32	1.77	1481.6
150	7.42	33.81	26.45	161.1	3.73	2.34	1481.6
175	7.05	33.89	26.57	150.6	4.13	2.97	1480.6
200	6.70	33.93	26.64	143.9	4.49	3.66	1479.7
225	6.46	33.93	26.67	140.7	4.85	4.41	1479.2
250	6.15	33.95	26.73	135.9	5.19	5.23	1478.3
300	5.65	33.96	26.80	129.1	5.86	7.06	1477.2
400	4.84	34.01	26.93	117.1	7.09	11.37	1475.5
500	4.28	34.08	27.05	106.7	8.21	16.39	1475.0
600	4.18	34.19	27.15	98.0	9.23	21.99	1476.3
800	3.77	34.33	27.30	85.0	11.06	34.78	1478.1
1000	3.34	34.40	27.40	75.9	12.68	49.29	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1005.3	3.33	34.41	27.40	75.7	12.72	49.69	1479.7

WIND MIXED LAYER DEPTH = 22.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-47
STN: 19
80/9/7
0
3
6
9
12
15
TEMPERATURE C

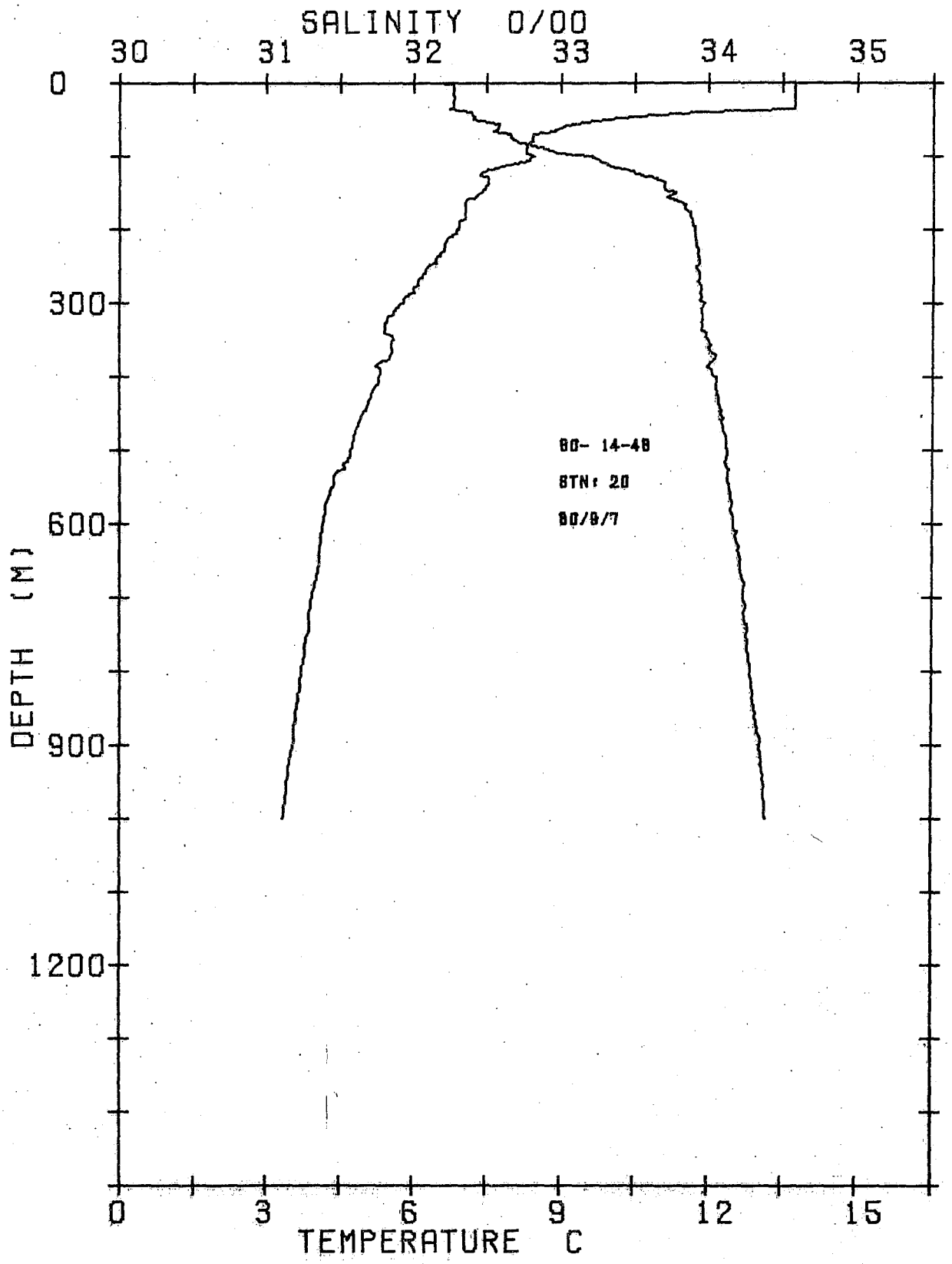
CRUISE : C.O.D.E. 80-14.
STATION: 19 CONS #047
LAT N 48 48.0 LONG W 127 37.5
DATE 80/09/07 TIME (PST) 0422

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.20	32.31	24.29	363.9	.00	.00	1498.2
10	13.21	32.31	24.30	363.8	.36	.02	1498.4
20	13.21	32.31	24.29	364.5	.73	.07	1498.5
30	13.21	32.31	24.29	364.5	1.09	.16	1498.7
50	8.93	32.60	25.28	271.2	1.68	.40	1484.2
75	8.39	32.71	25.45	255.2	2.34	.81	1482.7
100	8.32	33.30	25.92	211.2	2.93	1.32	1483.6
125	7.98	33.63	26.22	182.3	3.41	1.86	1483.1
150	7.60	33.81	26.42	164.0	3.85	2.46	1482.3
175	7.29	33.90	26.53	153.7	4.24	3.10	1481.6
200	7.01	33.93	26.60	147.4	4.62	3.81	1480.9
225	6.63	33.93	26.65	143.1	4.98	4.57	1479.9
250	6.41	33.95	26.70	138.9	5.33	5.41	1479.4
300	5.88	33.96	26.77	132.2	6.01	7.27	1478.1
400	4.88	34.01	26.93	117.4	7.25	11.61	1475.7
500	4.43	34.08	27.04	108.1	8.38	16.67	1475.6
600	4.37	34.22	27.15	97.8	9.41	22.33	1477.1
800	3.84	34.34	27.30	84.9	11.25	35.18	1478.4
1000	3.36	34.41	27.40	75.8	12.86	49.61	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.36	34.41	27.40	75.8	12.86	49.62	1479.8

WIND MIXED LAYER DEPTH = 29.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-48
STN: 20
80/9/7
0
3
6
9
12
15
TEMPERATURE C

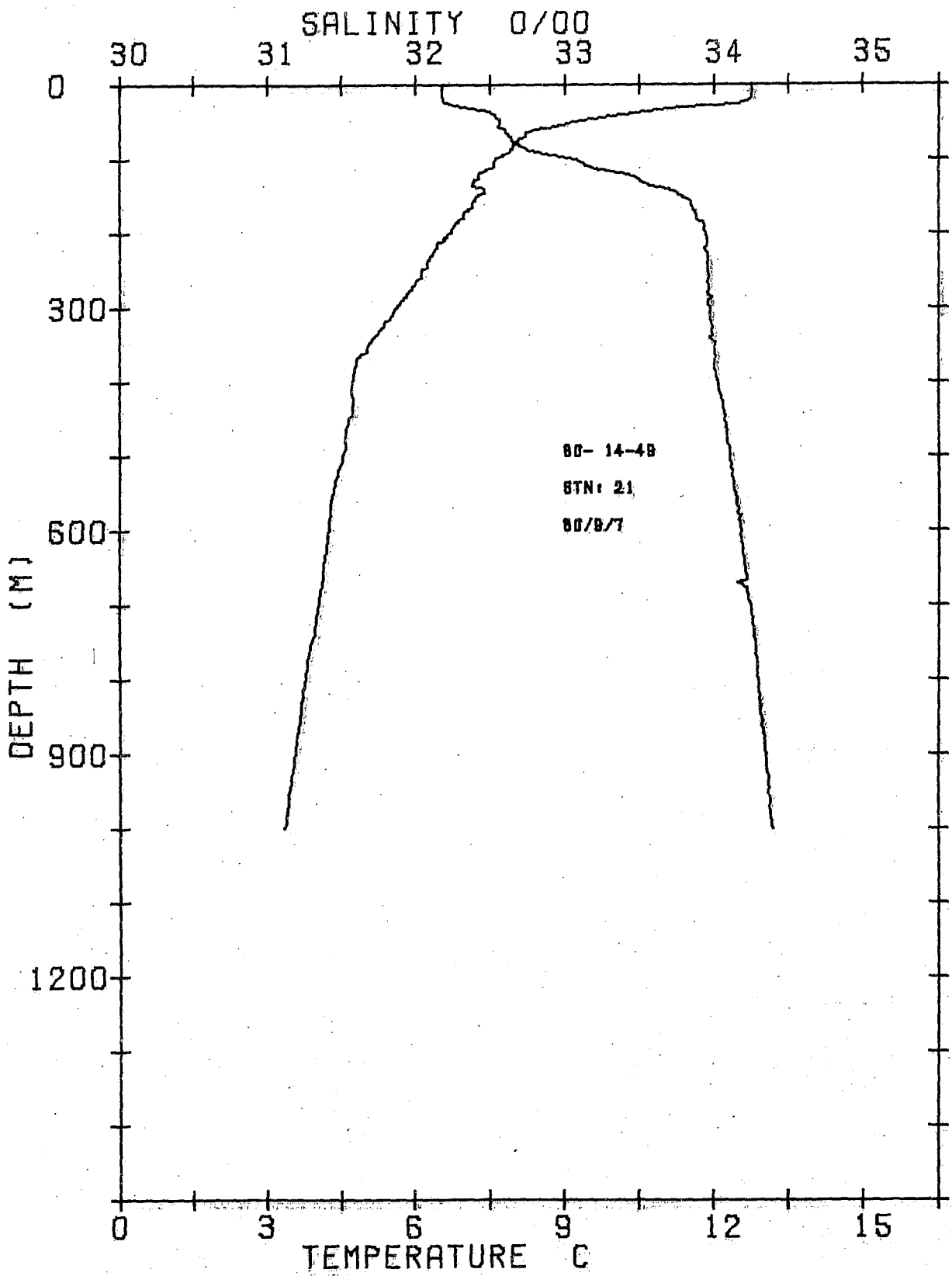
CRUISE : C.O.D.E. 80-14.
STATION: 20 CONS #048
LAT N 48 53.5 LONG W 127 29.0
DATE 80/09/07 TIME (PST) 0601

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.78	32.26	24.14	378.5	.00	.00	1500.1
10	13.78	32.28	24.16	377.2	.38	.02	1500.2
20	13.78	32.28	24.16	377.5	.76	.08	1500.4
30	13.78	32.27	24.15	378.2	1.13	.17	1500.6
50	9.97	32.41	24.96	301.4	1.82	.44	1487.8
75	8.44	32.68	25.41	258.6	2.50	.87	1482.8
100	8.45	33.20	25.82	220.3	3.11	1.40	1483.9
125	7.38	33.54	26.24	180.6	3.61	1.96	1480.7
150	7.40	33.77	26.42	163.8	4.04	2.55	1481.5
175	7.08	33.87	26.54	153.0	4.44	3.19	1480.7
200	6.93	33.91	26.59	148.2	4.82	3.90	1480.6
225	6.67	33.93	26.64	143.6	5.18	4.67	1480.0
250	6.34	33.92	26.68	140.0	5.53	5.51	1479.1
300	5.78	33.97	26.79	130.5	6.21	7.37	1477.7
400	5.32	34.05	26.91	119.8	7.47	11.77	1477.6
500	4.75	34.13	27.04	108.1	8.61	16.88	1477.0
600	4.17	34.17	27.13	99.8	9.64	22.57	1476.3
800	3.74	34.29	27.27	87.3	11.50	35.52	1477.9
1000	3.36	34.40	27.40	76.3	13.13	50.19	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.5	3.36	34.40	27.39	76.6	13.14	50.23	1479.7

WIND MIXED LAYER DEPTH = 33.8 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-4B
STN: 21
80/8/7
0
3
6
9
12
15
TEMPERATURE C

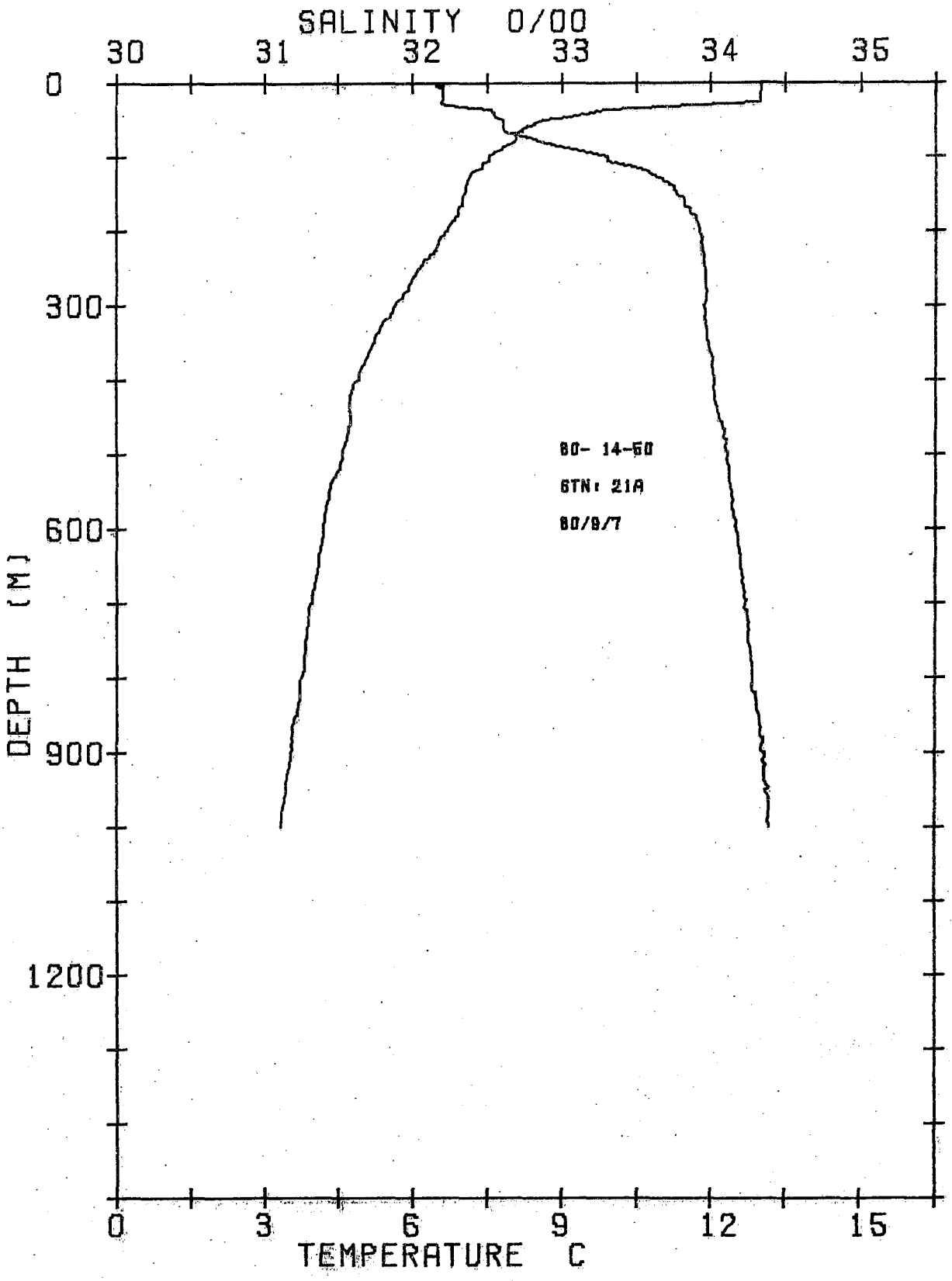
CRUISE : C.O.D.E. 80-14.
STATION: 21 CONS #049
LAT N 48 59.0 LONG W 127 19.5
DATE 80/09/07 TIME (PST) 0802

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.78	32.19	24.28	365.0	.00	.00	1496.6
10	12.77	32.18	24.28	365.3	.37	.02	1496.7
20	12.76	32.19	24.29	364.9	.73	.07	1496.9
30	11.34	32.33	24.66	329.3	1.08	.16	1492.3
50	9.24	32.57	25.20	278.2	1.68	.40	1485.3
75	8.09	32.66	25.45	255.1	2.34	.81	1481.4
100	7.64	33.07	25.84	218.5	2.94	1.33	1480.6
125	7.26	33.49	26.22	182.3	3.45	1.90	1480.1
150	7.26	33.78	26.45	161.4	3.88	2.49	1480.9
175	6.97	33.88	26.56	150.8	4.27	3.12	1480.3
200	6.73	33.94	26.64	143.6	4.64	3.81	1479.9
225	6.39	33.95	26.70	138.1	4.99	4.56	1478.9
250	6.16	33.95	26.73	135.4	5.33	5.37	1478.4
300	5.65	33.97	26.81	128.7	5.99	7.19	1477.2
400	4.75	34.03	26.96	114.8	7.20	11.42	1475.2
500	4.56	34.11	27.05	107.2	8.31	16.41	1476.2
600	4.28	34.19	27.14	99.2	9.34	22.07	1476.8
800	3.80	34.31	27.28	86.6	11.21	35.06	1478.2
1000	3.36	34.41	27.40	76.0	12.84	49.71	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.36	34.41	27.40	76.0	12.84	49.73	1479.8

WIND MIXED LAYER DEPTH = 19.9 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-60
STN: 21A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

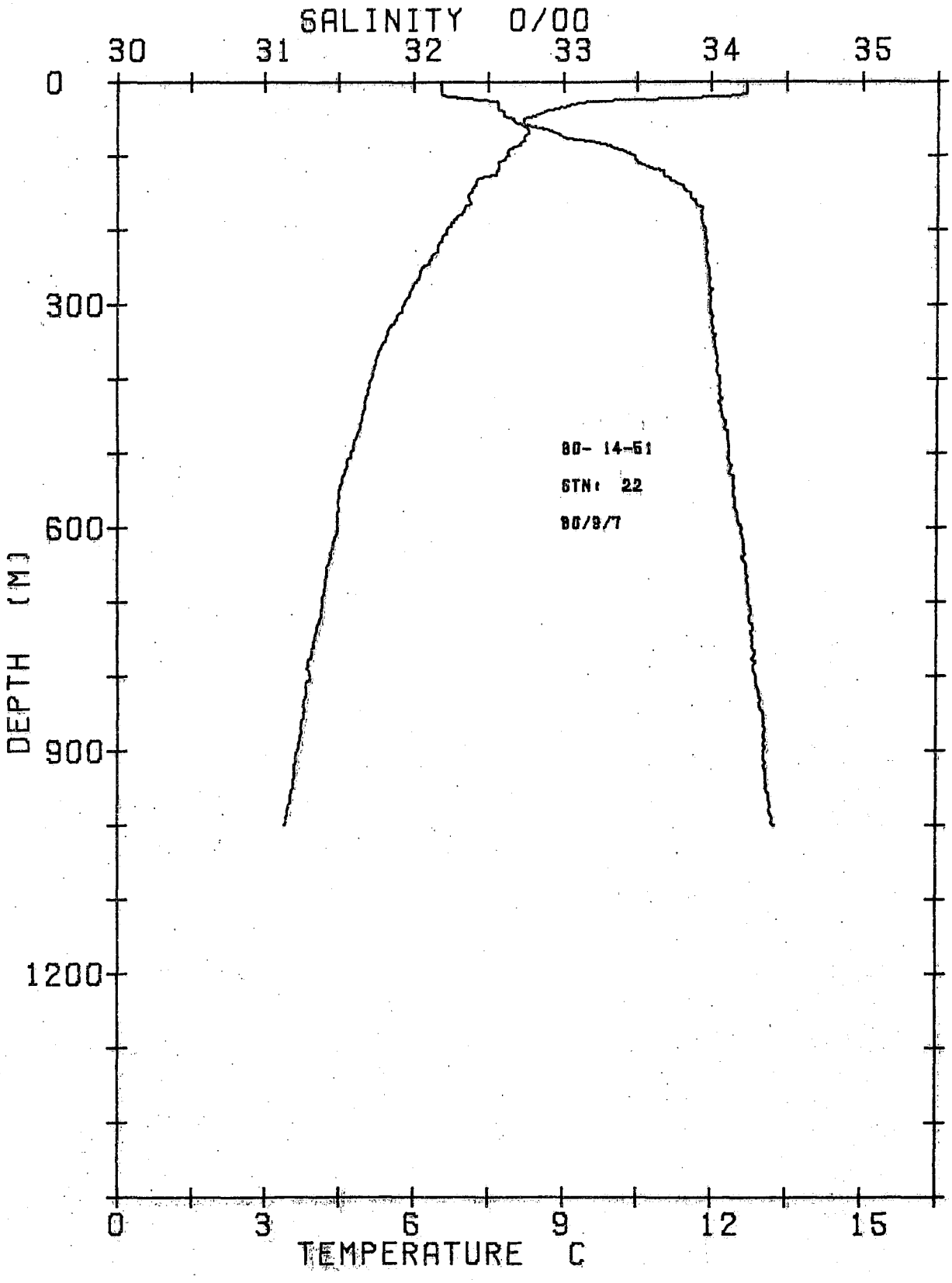
CRUISE : C.O.D.E. 80-14.
STATION: 21A CONS #050
LAT N 49 01.8 LONG W 127 15.2
DATE 80/09/07 TIME (PST) 0936

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.04	32.21	24.25	368.1	.00	.00	1497.5
10	13.04	32.20	24.24	369.0	.37	.02	1497.7
20	13.03	32.20	24.24	369.3	.74	.07	1497.8
30	11.84	32.23	24.49	345.8	1.10	.16	1493.9
50	8.62	32.61	25.33	266.1	1.68	.39	1483.0
75	8.09	32.82	25.57	243.2	2.33	.80	1481.6
100	7.54	33.30	26.03	200.1	2.89	1.28	1480.6
125	7.18	33.63	26.34	171.4	3.35	1.80	1480.0
150	7.06	33.78	26.48	158.6	3.76	2.37	1480.1
175	6.92	33.87	26.56	150.5	4.15	2.99	1480.1
200	6.68	33.93	26.65	143.1	4.51	3.68	1479.7
225	6.48	33.95	26.69	139.4	4.86	4.42	1479.3
250	6.15	33.97	26.74	134.2	5.21	5.24	1478.4
300	5.66	33.96	26.80	129.5	5.86	7.05	1477.2
400	4.91	34.03	26.94	116.6	7.09	11.33	1475.9
500	4.61	34.12	27.05	107.3	8.21	16.37	1476.4
600	4.22	34.18	27.13	99.6	9.25	22.04	1476.5
800	3.77	34.29	27.27	88.0	11.11	35.04	1478.0
1000	3.32	34.40	27.40	75.9	12.73	49.60	1479.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.2	3.32	34.40	27.40	75.9	12.73	49.62	1479.6

WIND MIXED LAYER DEPTH = 30.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-61
STN: 22
80/9/7
0
3
6
9
12
15
TEMPERATURE C

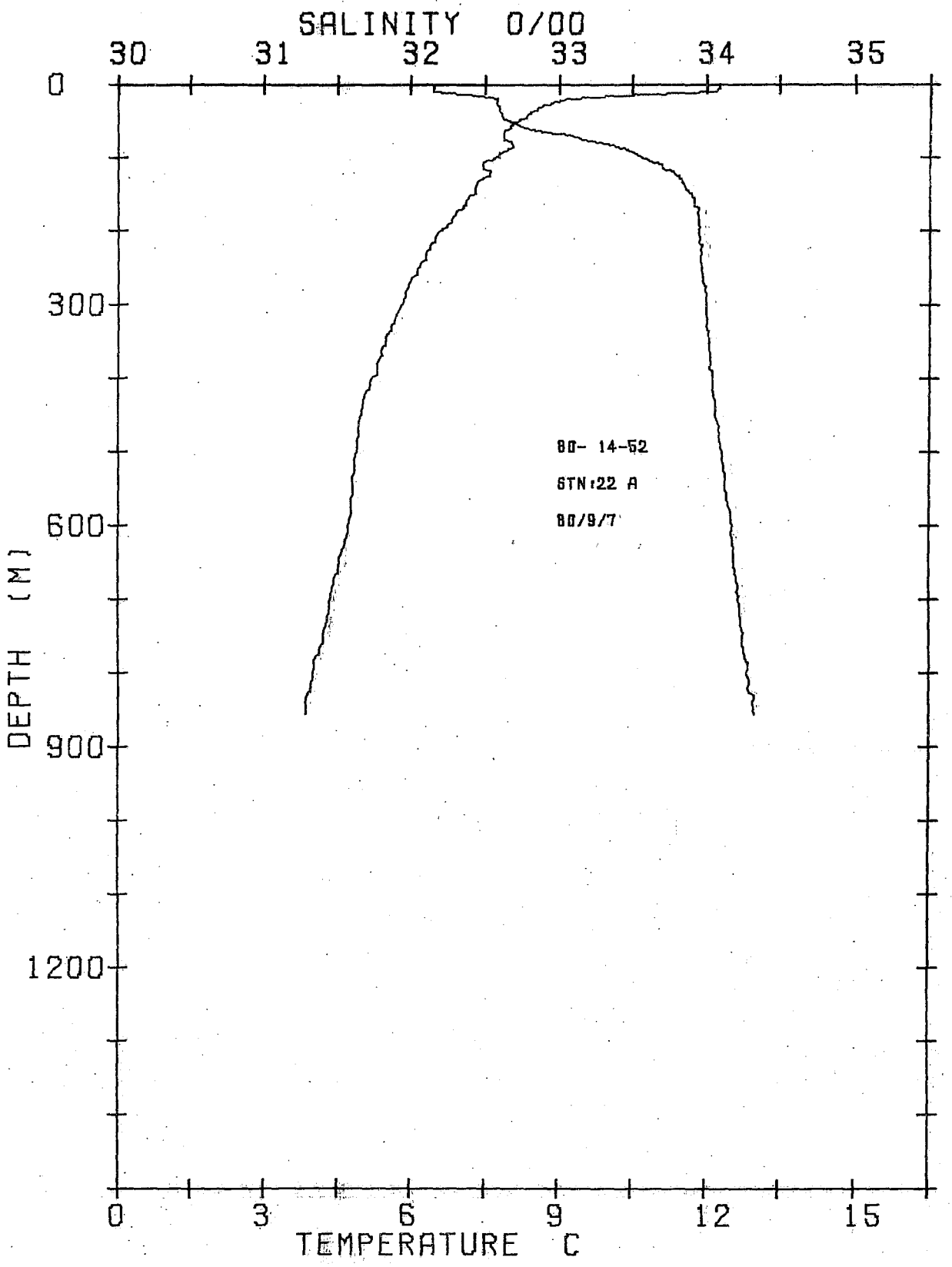
CRUISE : C.O.D.E. 80-14.
STATION: 22 CONS #051
LAT N 49 04.5 LONG W 127 11.0
DATE 80/09/07 TIME (PST) 1056

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.72	32.19	24.30	363.6	.00	.00	1496.4
10	12.72	32.19	24.29	364.1	.36	.02	1496.6
20	12.36	32.23	24.40	354.6	.73	.07	1495.5
30	9.28	32.57	25.20	278.5	1.03	.15	1485.1
50	8.22	32.67	25.44	255.8	1.56	.36	1481.5
75	8.21	33.02	25.72	229.9	2.17	.74	1482.4
100	7.90	33.48	26.12	192.0	2.69	1.19	1482.2
125	7.65	33.69	26.32	172.9	3.15	1.70	1481.9
150	7.17	33.86	26.53	153.9	3.55	2.26	1480.7
175	7.02	33.93	26.60	147.1	3.93	2.87	1480.6
200	6.70	33.97	26.67	140.9	4.29	3.54	1479.8
225	6.49	33.97	26.70	138.2	4.64	4.28	1479.3
250	6.22	33.99	26.75	133.8	4.98	5.09	1478.7
300	5.82	34.00	26.81	128.3	5.63	6.89	1477.9
400	5.16	34.06	26.93	117.4	6.85	11.16	1476.9
500	4.74	34.12	27.04	108.4	7.99	16.26	1476.9
600	4.50	34.21	27.13	100.5	9.04	22.02	1477.7
800	3.93	34.31	27.27	88.2	10.92	35.15	1478.7
1000	3.43	34.43	27.41	75.3	12.56	49.87	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.6	3.43	34.43	27.41	75.1	12.56	49.92	1480.1

WIND MIXED LAYER DEPTH = 20.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-52
STN:22 A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

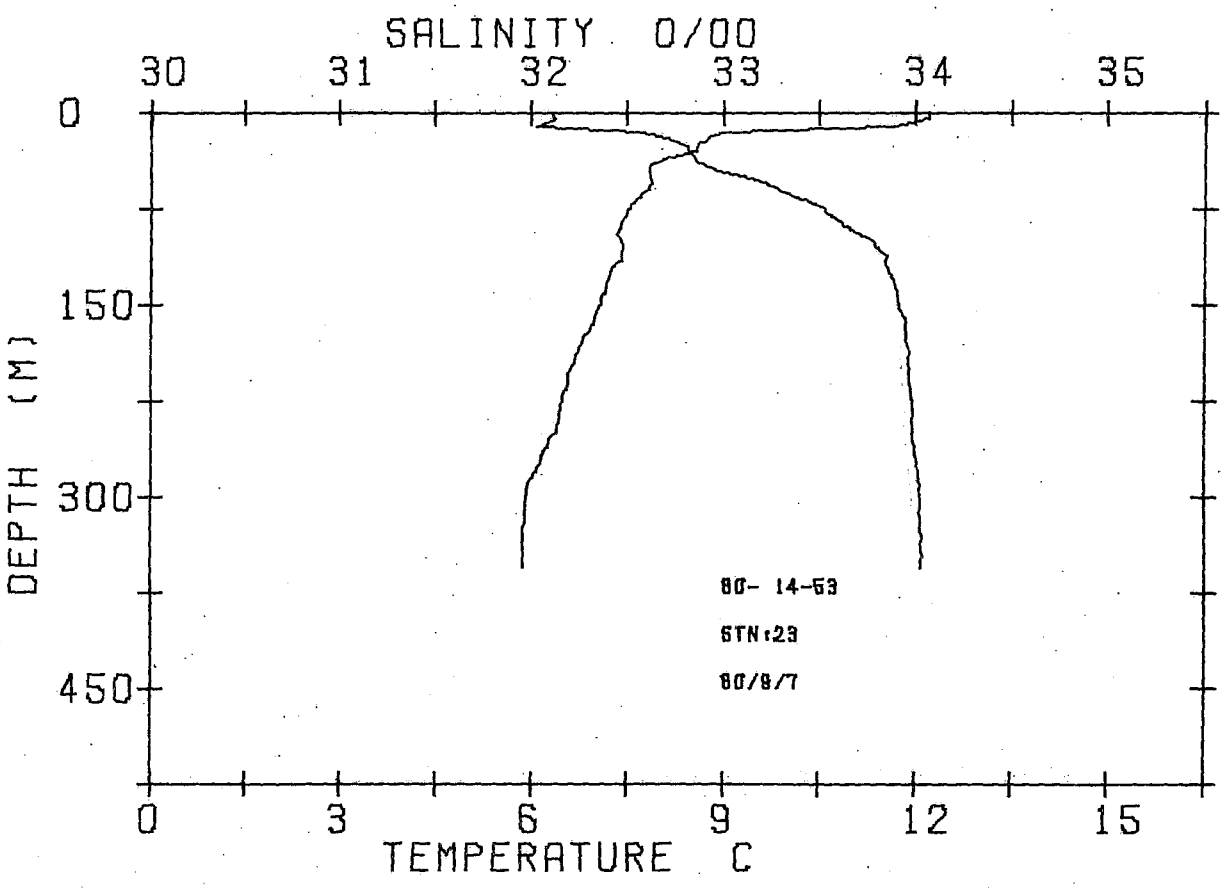
CRUISE : C.O.D.E. 80-14.
STATION: 22 A CONS #052
LAT N 49 07.3 LONG W 127 06.5
DATE 80/09/07 TIME (PST) 1206

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.27	32.16	24.36	357.7	.00	.00	1494.8
10	12.22	32.15	24.36	357.4	.36	.02	1494.8
20	9.25	32.57	25.20	277.6	.67	.06	1484.8
30	8.66	32.59	25.31	268.1	.94	.13	1482.8
50	8.17	32.65	25.43	256.1	1.46	.34	1481.3
75	7.90	33.17	25.87	214.8	2.06	.71	1481.4
100	7.77	33.56	26.20	184.1	2.55	1.14	1481.8
125	7.55	33.81	26.43	162.7	2.98	1.62	1481.7
150	7.28	33.90	26.54	153.1	3.37	2.16	1481.1
175	6.93	33.94	26.62	145.7	3.74	2.76	1480.2
200	6.64	33.95	26.66	141.4	4.10	3.43	1479.5
225	6.39	33.96	26.70	137.9	4.45	4.17	1478.9
250	6.19	33.97	26.74	134.9	4.79	4.98	1478.5
300	5.84	34.00	26.80	129.0	5.45	6.78	1478.0
400	5.23	34.04	26.91	119.9	6.69	11.12	1477.2
500	4.91	34.11	27.00	111.8	7.84	16.30	1477.6
600	4.75	34.18	27.07	105.8	8.93	22.29	1478.7
800	4.03	34.28	27.24	91.1	10.91	36.08	1479.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
855.0	3.86	34.34	27.30	85.7	11.39	40.10	1479.4

WIND MIXED LAYER DEPTH = 9.3 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-53
STN:23
80/8/7
0
3
6
9
12
15
TEMPERATURE C

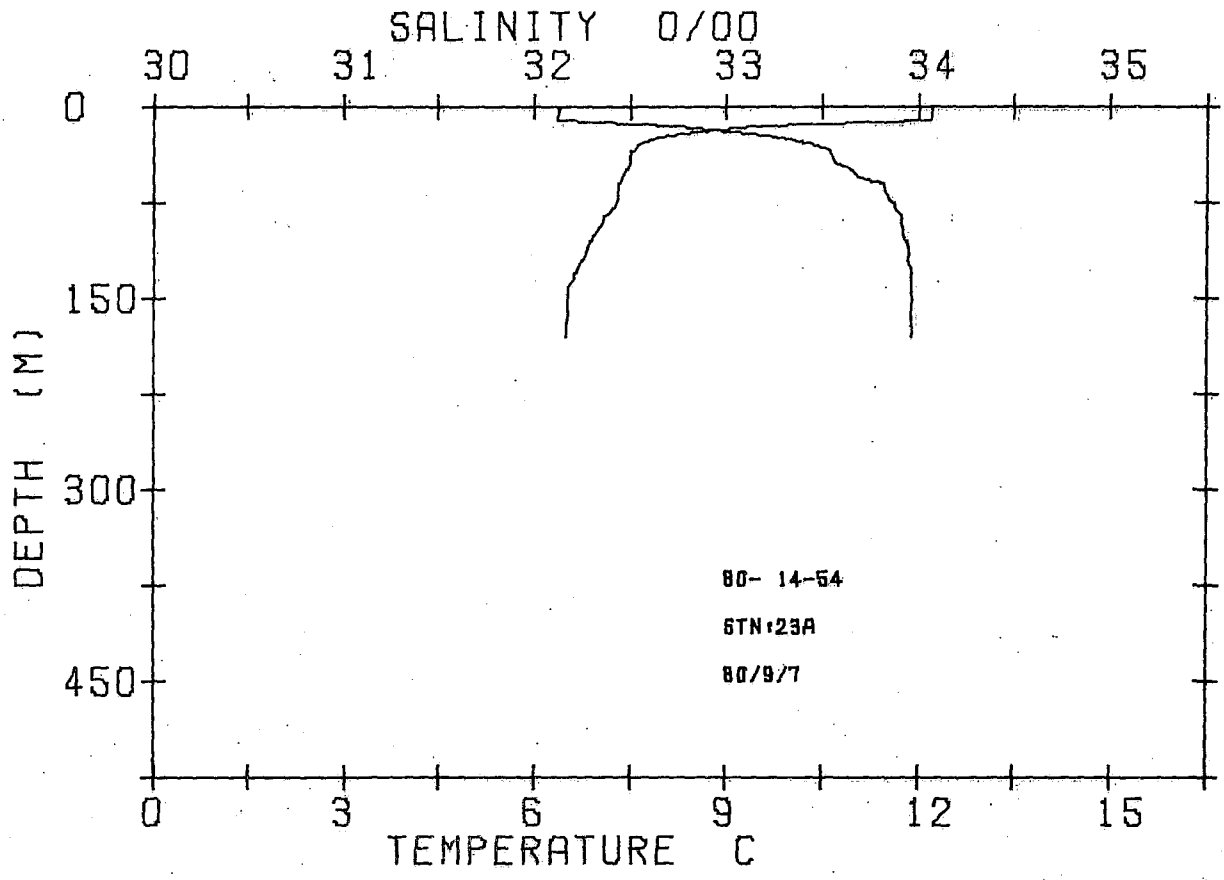
CRUISE : C.O.D.E. 80-14.
STATION: 23 CONS #053
LAT N 49 10.0 LONG W 127 02.1
DATE 80/09/07 TIME (PST) 1302

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.21	32.11	24.33	360.6	.00	.00	1494.6
10	11.70	32.03	24.36	357.6	.36	.02	1492.9
20	8.76	32.71	25.38	260.5	.65	.06	1483.2
30	8.59	32.83	25.51	249.1	.90	.12	1482.8
50	7.87	33.11	25.83	218.3	1.37	.31	1480.8
75	7.56	33.53	26.20	183.3	1.87	.62	1480.5
100	7.41	33.79	26.43	162.1	2.30	1.00	1480.7
125	7.26	33.87	26.52	154.2	2.70	1.44	1480.6
150	7.10	33.92	26.58	148.6	3.08	1.96	1480.5
175	6.85	33.95	26.64	143.5	3.44	2.55	1479.9
200	6.65	33.97	26.68	140.2	3.80	3.22	1479.5
225	6.51	33.99	26.71	137.3	4.14	3.95	1479.4
250	6.40	33.99	26.73	135.9	4.48	4.76	1479.4
300	5.93	34.03	26.82	127.5	5.14	6.57	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
355.1	5.89	34.03	26.83	127.4	5.84	8.87	1479.1

WIND MIXED LAYER DEPTH = 6.8 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-54
STN:23A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

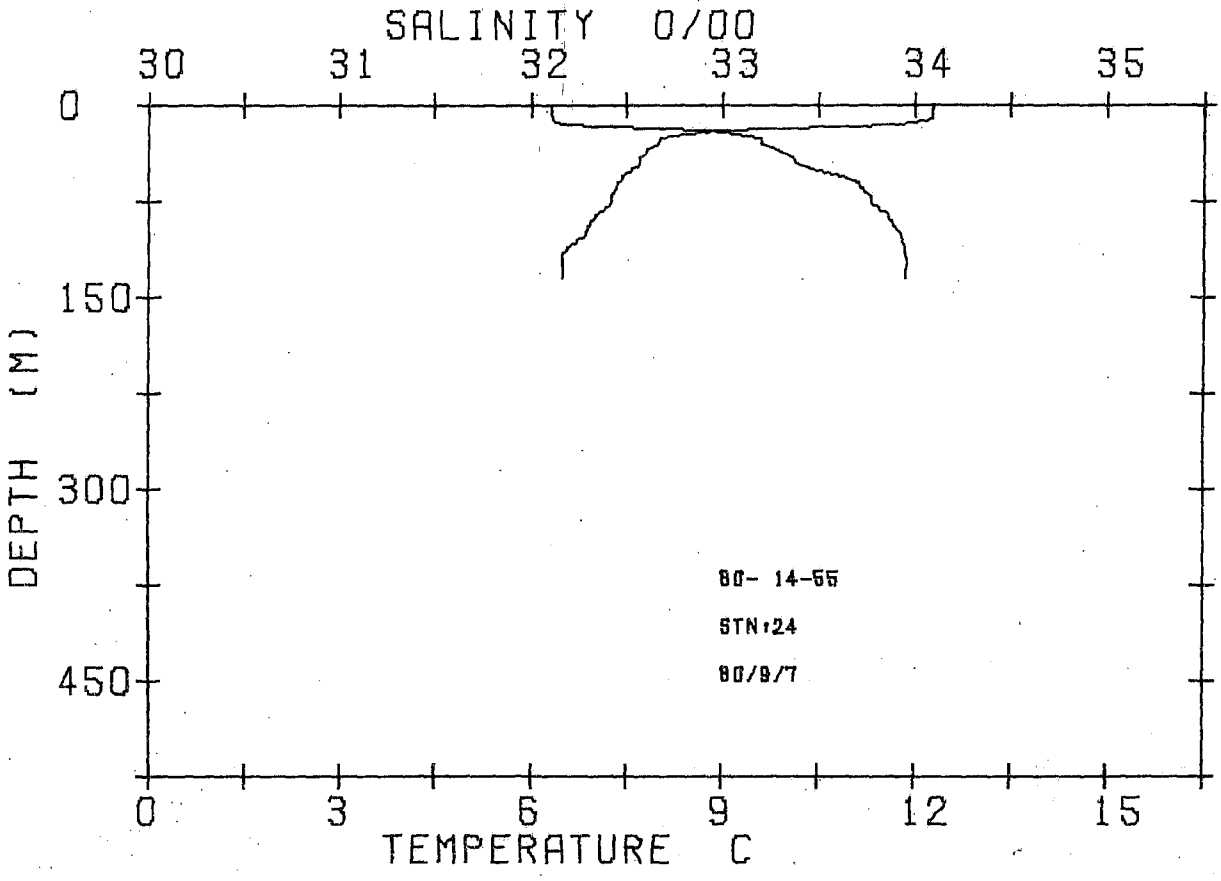
CRUISE : C.O.D.E. 80-14.
STATION: 23A CONS #054
LAT N 49 10.0 LONG W 127 02.0
DATE 80/09/07 TIME (PST) 1350

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.21	32.13	24.35	358.7	.00	.00	1494.6
10	12.19	32.12	24.34	359.7	.36	.02	1494.7
20	8.36	33.09	25.75	226.1	.64	.06	1482.1
30	7.61	33.47	26.16	187.3	.84	.11	1479.9
50	7.40	33.66	26.33	170.7	1.20	.25	1479.7
75	7.26	33.87	26.52	153.4	1.60	.50	1479.8
100	6.91	33.92	26.61	145.4	1.97	.83	1478.9
125	6.67	33.96	26.67	140.1	2.33	1.23	1478.4
150	6.51	33.97	26.70	137.4	2.68	1.70	1478.2
175	6.49	33.97	26.70	137.9	3.02	2.26	1478.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
180.2	6.49	33.96	26.69	138.1	3.09	2.39	1478.6

WIND MIXED LAYER DEPTH = 9.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-55
STN:24
80/9/7
0
3
6
9
12
15
TEMPERATURE C

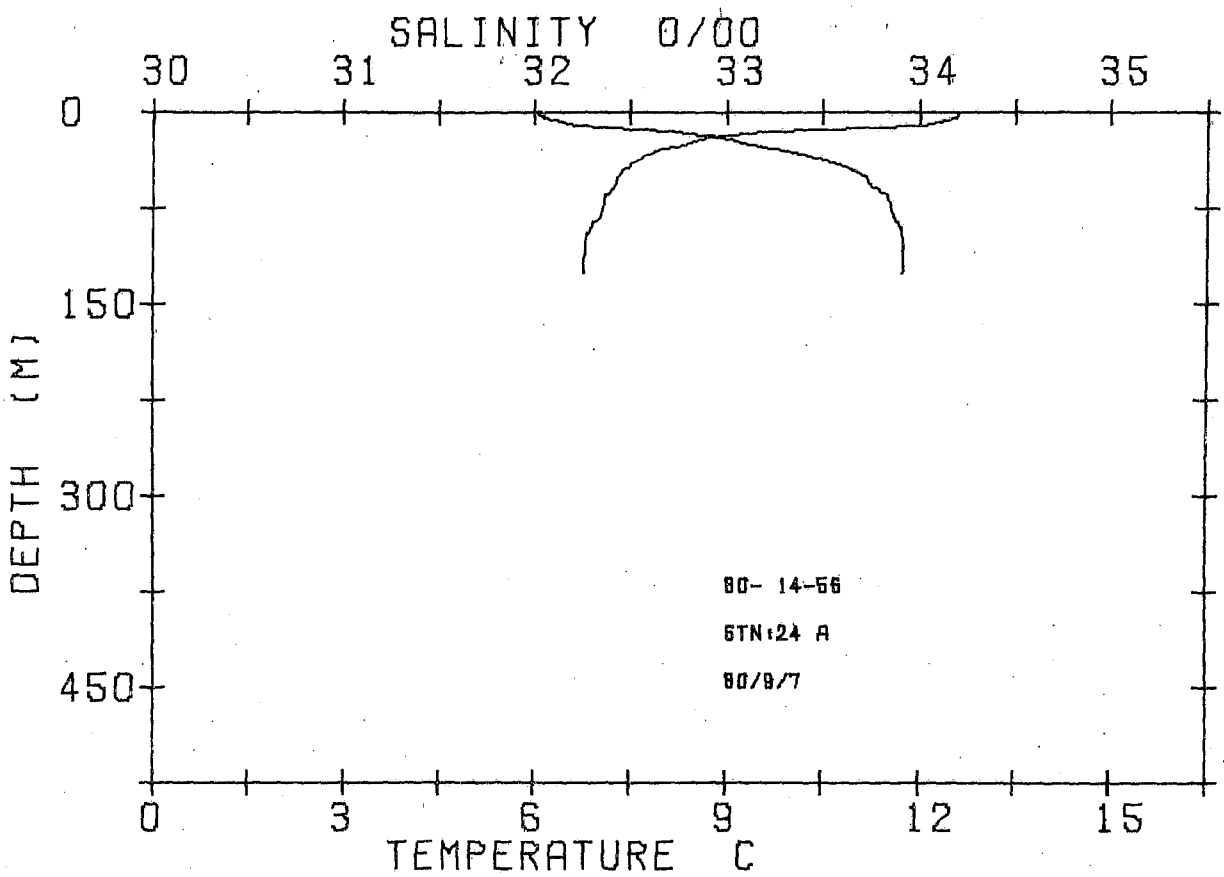
CRUISE : C.O.D.E. 80-14.
STATION: 24 CONS #055
LAT N 49 15.5 LONG W 126 53.0
DATE 80/09/07 TIME (PST) 1429

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.29	32.10	24.31	362.4	.00	.00	1494.8
10	12.26	32.11	24.32	361.8	.36	.02	1494.9
20	8.91	32.92	25.52	247.1	.69	.07	1484.0
30	7.99	33.21	25.90	211.8	.91	.12	1481.1
50	7.59	33.47	26.16	187.3	1.31	.28	1480.2
75	7.25	33.77	26.44	160.9	1.73	.54	1479.6
100	6.84	33.92	26.62	144.4	2.11	.87	1478.6
125	6.47	33.96	26.69	137.7	2.46	1.26	1477.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
135.1	6.47	33.95	26.69	138.0	2.60	1.44	1477.8

WIND MIXED LAYER DEPTH = 14.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-56
STN:24 A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

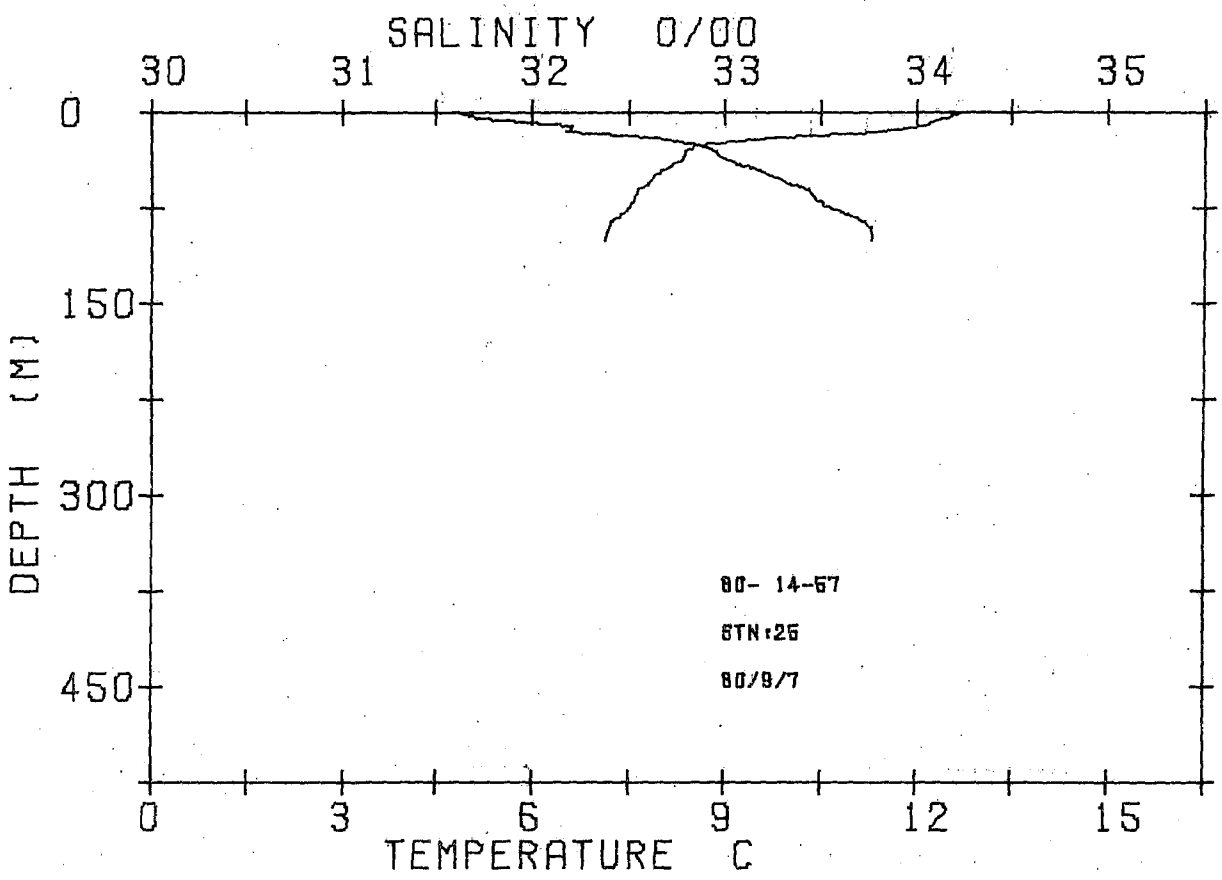
CRUISE : C.O.D.E. 80-14.
STATION: 24 A CONS #056
LAT N 49 18.2 LONG W 126 48.8
DATE 80/09/07 TIME (PST) 1503

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.60	32.02	24.19	374.0	.00	.00	1495.8
10	12.08	32.20	24.43	351.2	.37	.02	1494.4
20	8.70	32.97	25.60	239.8	.65	.06	1483.3
30	7.86	33.31	25.99	202.9	.87	.11	1480.7
50	7.30	33.73	26.40	164.3	1.24	.26	1479.4
75	7.06	33.86	26.54	151.6	1.63	.50	1479.0
100	6.78	33.92	26.62	144.0	2.00	.82	1478.4
125	6.77	33.92	26.62	144.4	2.36	1.23	1478.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
125.6	6.77	33.91	26.62	144.6	2.37	1.24	1478.7

WIND MIXED LAYER DEPTH = 8.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-67
STN:25
80/9/7
0
3
6
9
12
15
TEMPERATURE C

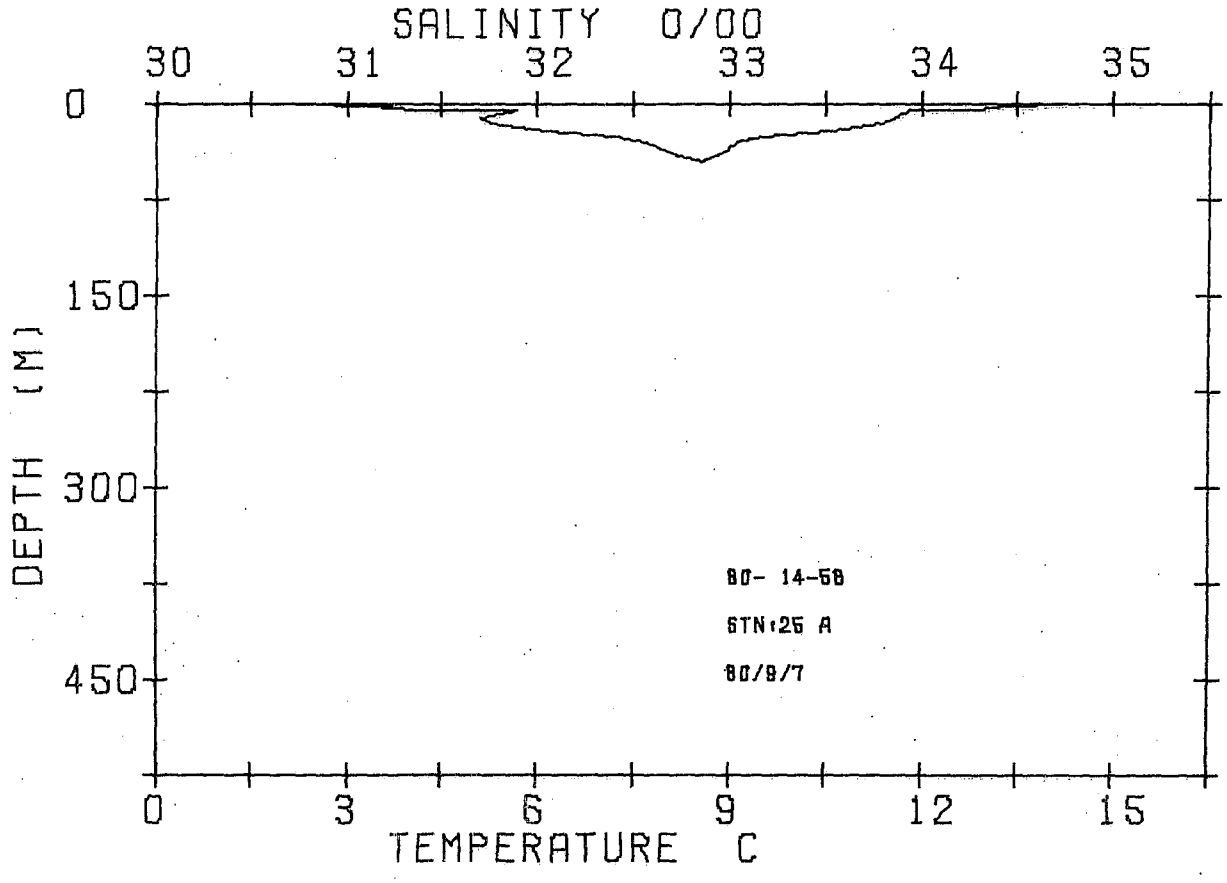
CRUISE : C.O.D.E. 80-14.
STATION: 25 CONS #057
LAT N 49 21.5 LONG W 126 44.5
DATE 80/09/07 TIME (PST) 1543

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.72	31.62	23.86	405.6	.00	.00	1495.7
10	12.11	32.20	24.42	351.7	.38	.02	1494.5
20	9.88	32.62	25.14	283.8	.71	.07	1487.2
30	8.41	32.96	25.64	236.5	.97	.13	1482.3
50	7.89	33.25	25.94	208.3	1.41	.31	1481.0
75	7.46	33.55	26.23	180.4	1.89	.61	1480.2
100	7.12	33.77	26.46	159.5	2.31	.97	1479.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
100.1	7.12	33.77	26.46	159.5	2.31	.97	1479.5

WIND MIXED LAYER DEPTH = 8.0 METRES

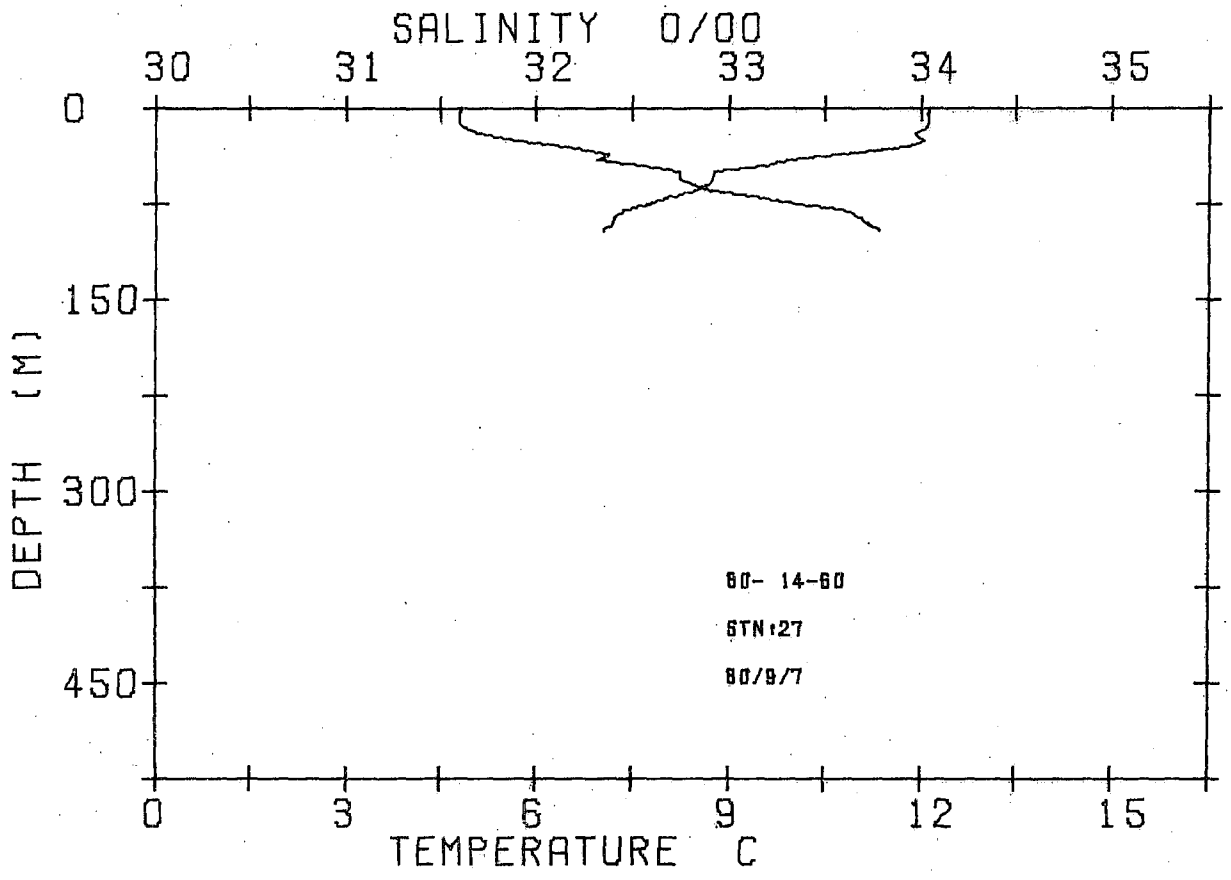

SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-58
STN:25 A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 25 A CONS #058
LAT N 49 23.0 LONG W 126 40.0
DATE 80/09/07 TIME (PST) 1624

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.48	30.63	22.76	510.5	.00	.00	1500.4
10	11.64	31.71	24.13	379.7	.41	.02	1492.2
20	10.64	32.04	24.56	339.0	.78	.07	1489.2
30	9.13	32.57	25.22	276.1	1.08	.15	1484.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
45.1	8.58	32.87	25.54	245.9	1.47	.30	1483.1


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-60
STN:27
80/9/7
0
3
6
9
12
15
TEMPERATURE C

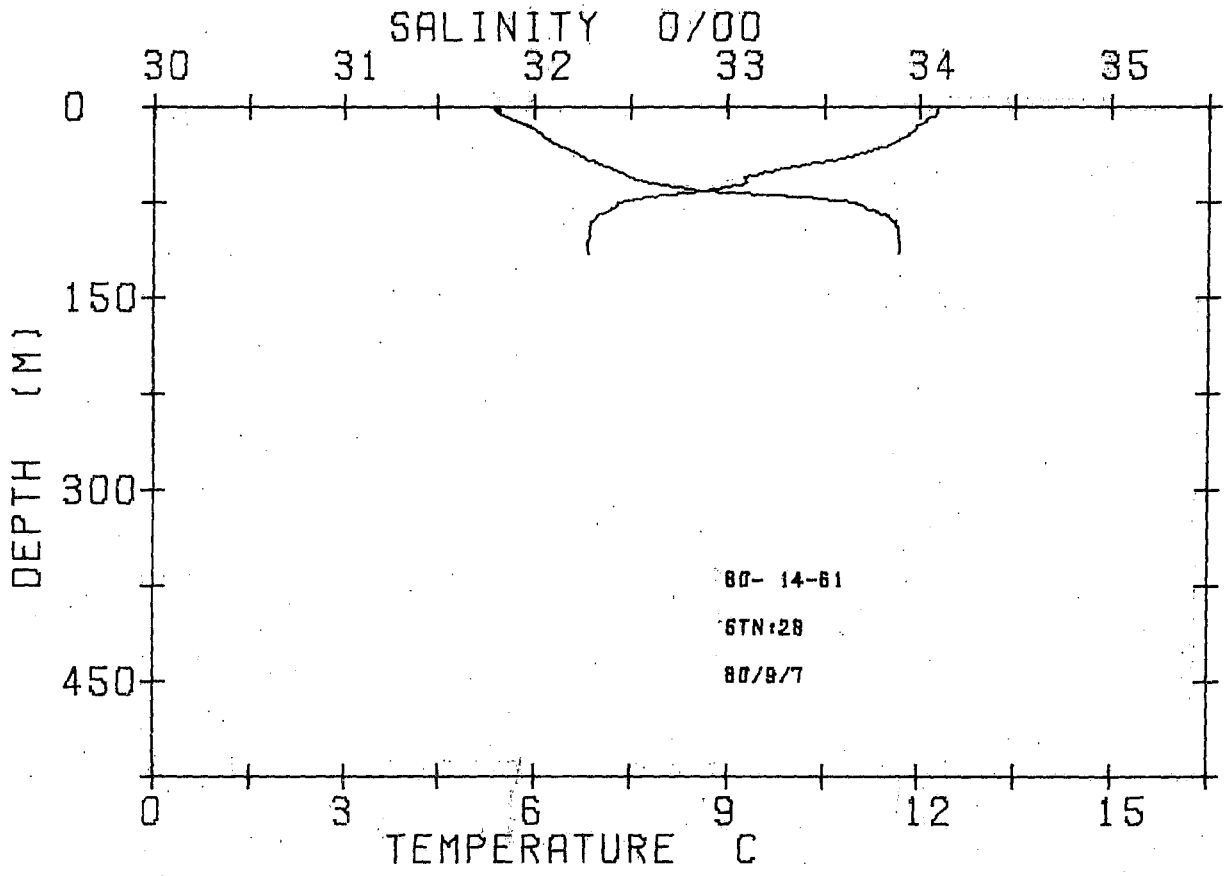
CRUISE : C.O.D.E. 80-14.
STATION: 27 CONS #060
LAT N 49 36.0 LONG W 127 01.0
DATE 80/09/07 TIME (PST) 1845

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.11	31.61	23.96	395.5	.00	.00	1493.6
10	12.11	31.60	23.96	395.9	.40	.02	1493.7
20	11.92	31.71	24.07	385.3	.79	.08	1493.4
30	11.78	32.17	24.46	348.9	1.16	.17	1493.6
50	8.80	32.74	25.41	258.9	1.76	.41	1483.8
75	7.74	33.35	26.04	198.7	2.36	.78	1481.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
96.0	7.08	33.79	26.48	157.6	2.72	1.08	1479.3

WIND MIXED LAYER DEPTH = 27.1 METRES

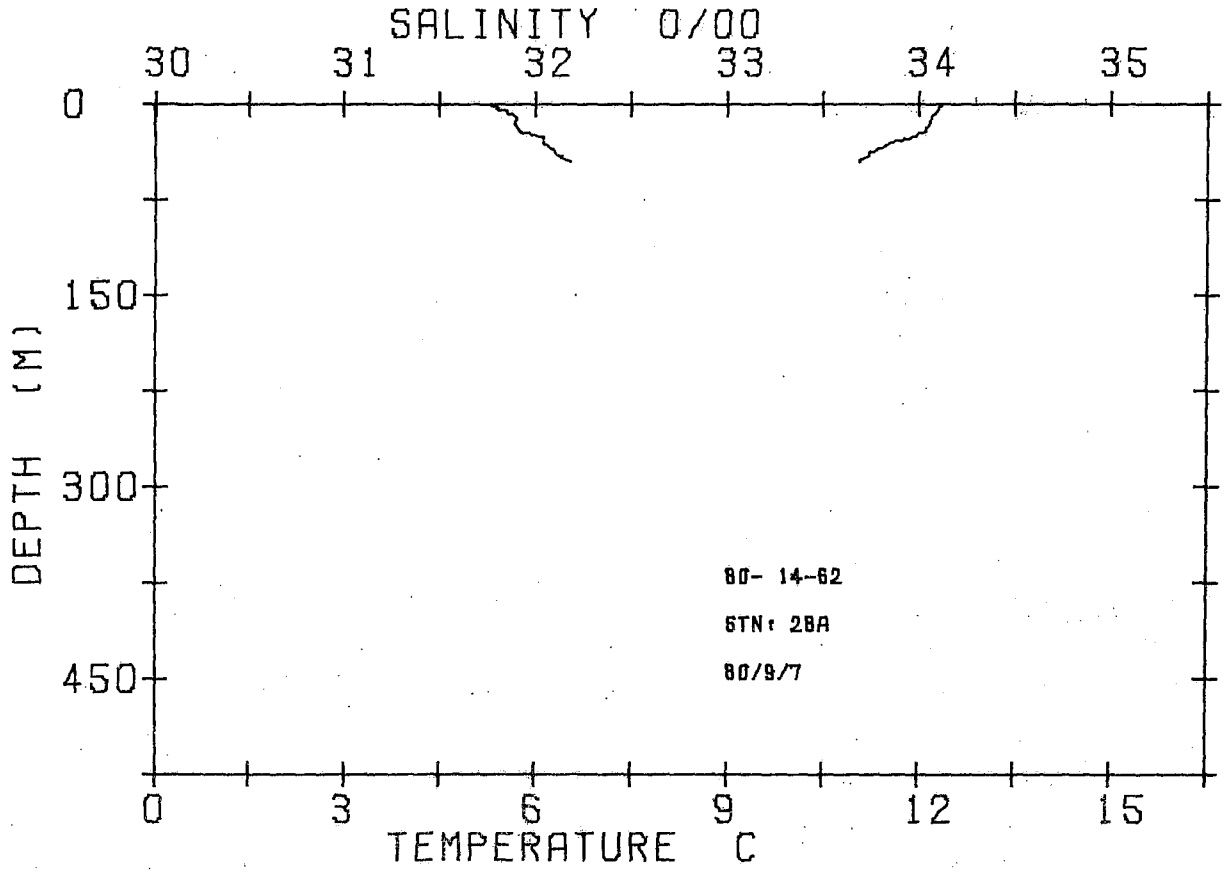

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-61
STN:28
80/9/7
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 28 CONS #061
LAT N 49 40.5 LONG W 127 11.0
DATE 80/09/07 TIME (PST) 1952

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.31	31.79	24.07	385.3	.00	.00	1494.5
10	12.13	31.89	24.18	374.8	.38	.02	1494.2
20	11.85	32.04	24.34	359.5	.75	.07	1493.5
30	11.54	32.12	24.46	348.5	1.10	.16	1492.7
50	9.71	32.42	25.01	296.4	1.75	.42	1486.8
75	7.33	33.65	26.33	171.2	2.37	.80	1479.8
100	6.83	33.89	26.59	146.6	2.76	1.14	1478.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
115.0	6.83	33.89	26.59	146.8	2.98	1.37	1478.8

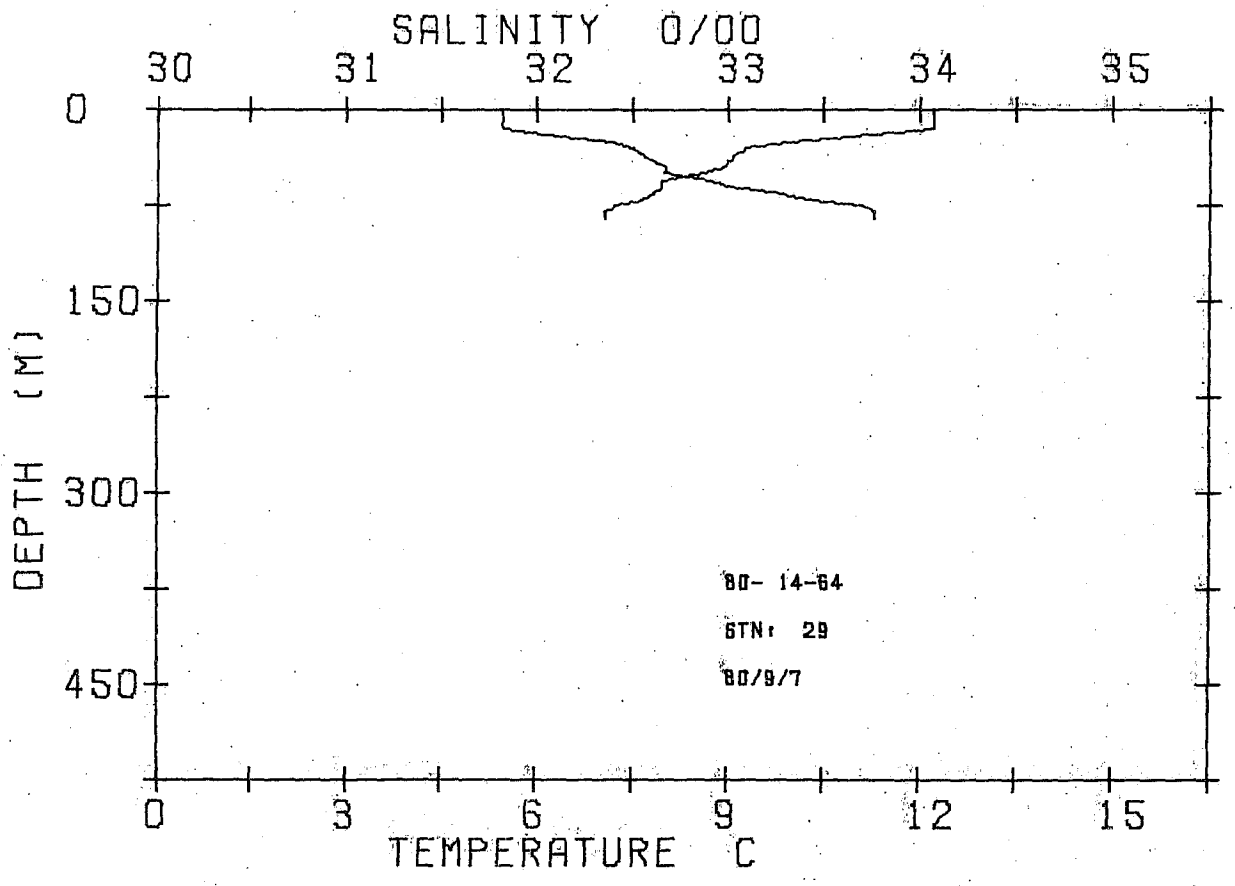

SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-62
STN: 28A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: 28A CONS #062
LAT N 49 49.0 LONG W 127 15.0
DATE 80/09/07 TIME (PST) 2105

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.40	31.76	24.03	389.4	.00	.00	1494.8
10	12.22	31.90	24.17	376.4	.38	.02	1494.5
20	12.09	31.92	24.21	372.4	.76	.08	1494.2
30	11.60	32.04	24.39	355.3	1.12	.17	1492.8
50	9.83	32.45	25.02	295.9	1.80	.43	1487.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
50.1	9.80	32.46	25.03	295.0	1.80	.44	1487.2


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-64
STN: 29
80/9/7
0
3
6
9
12
15
TEMPERATURE C

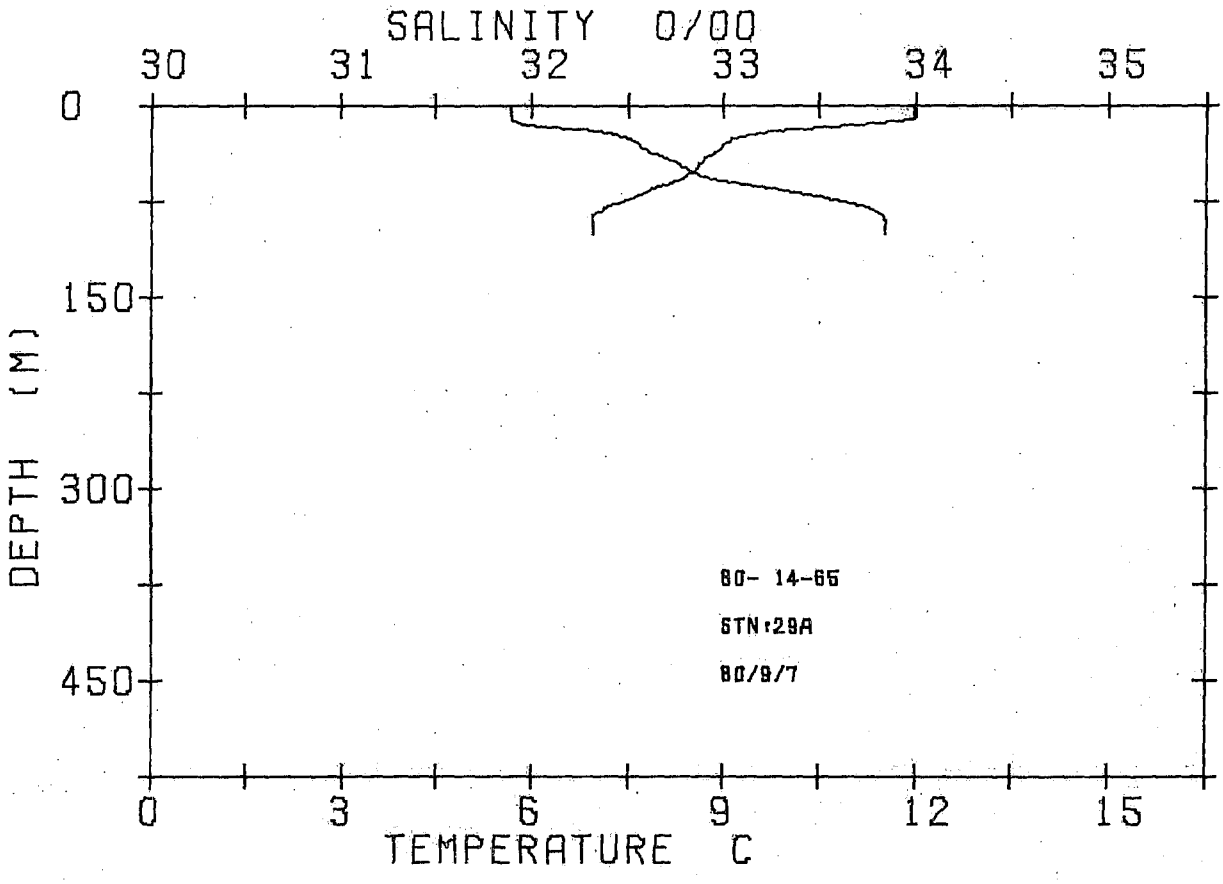
CRUISE : C.O.D.E. 80-14.
STATION: 29 CONS #064
LAT N 49 46.1 LONG W 127 20.0
DATE 80/09/07 TIME (PST) 2155

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.20	31.82	24.11	381.3	.00	.00	1494.2
10	12.20	31.82	24.11	381.9	.38	.02	1494.3
20	11.30	32.03	24.44	350.6	.75	.07	1491.6
30	9.25	32.50	25.15	283.4	1.06	.15	1484.9
50	8.59	32.66	25.38	261.6	1.61	.37	1482.9
75	7.20	33.70	26.39	165.6	2.15	.70	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
85.4	7.08	33.77	26.46	159.2	2.31	.83	1479.2

WIND MIXED LAYER DEPTH = 15.7 METRES


SALINITY O/OO
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-65
STN:29A
80/9/7
0
3
6
9
12
15
TEMPERATURE C

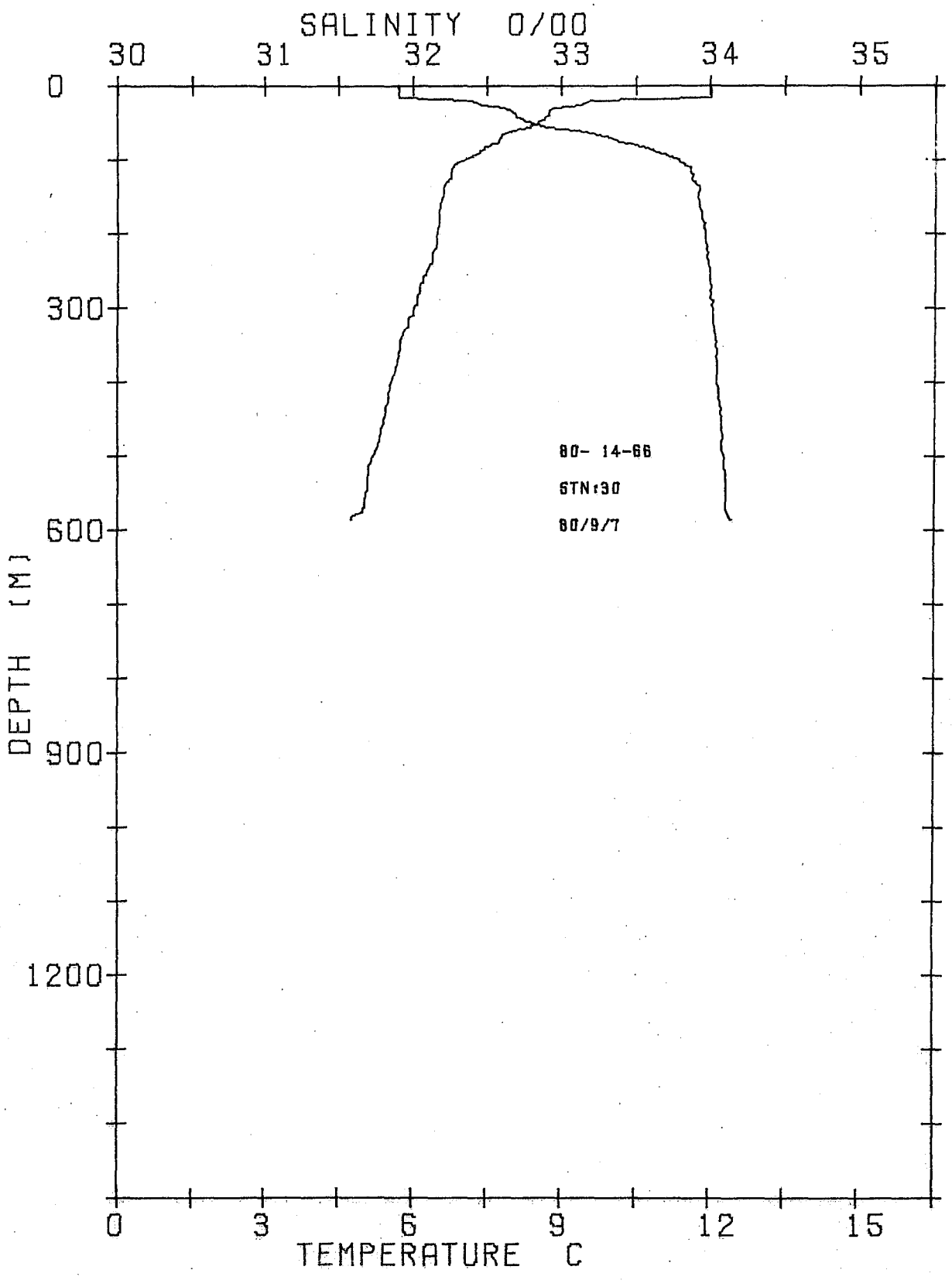
CRUISE : C.O.D.E. 80-14.
STATION: 29A CONS #065
LAT N 49 43.3 LONG W 127 24.5
DATE 80/09/07 TIME (PST) 2242

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.97	31.89	24.21	372.0	.00	.00	1493.5
10	11.98	31.90	24.21	372.1	.37	.02	1493.6
20	9.77	32.35	24.95	302.2	.72	.07	1486.5
30	9.00	32.55	25.23	275.4	1.00	.14	1484.0
50	8.54	32.81	25.50	249.9	1.53	.35	1483.0
75	7.39	33.63	26.31	172.9	2.06	.68	1480.0
100	6.95	33.84	26.54	151.8	2.45	1.02	1479.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
100.4	6.95	33.84	26.54	151.8	2.46	1.03	1479.0

WIND MIXED LAYER DEPTH = 11.9 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-66
STN:30
80/9/7
0
3
6
9
12
15
TEMPERATURE C

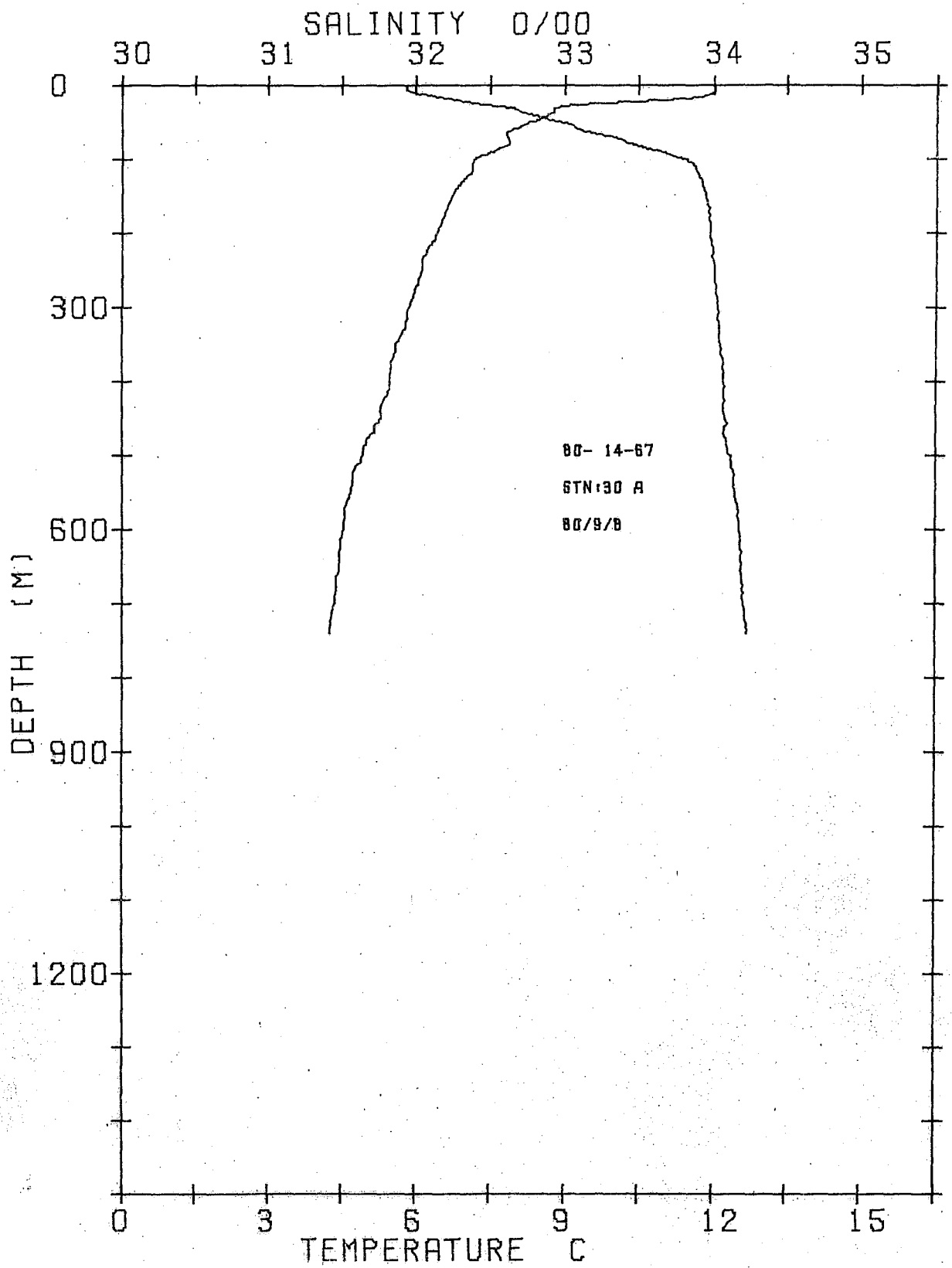
CRUISE : C.O.D.E. 80-14.
STATION: 30 CONS #066
LAT N 49 40.5 LONG W 127 29.0
DATE 80/09/07 TIME (PST) 2321

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.00	31.90	24.21	371.9	.00	.00	1493.6
10	12.02	31.90	24.21	372.2	.37	.02	1493.8
20	9.64	32.38	24.99	297.6	.72	.07	1486.0
30	8.90	32.61	25.29	269.6	1.01	.14	1483.7
50	8.54	32.81	25.50	249.9	1.53	.35	1482.9
75	7.76	33.40	26.08	195.5	2.08	.69	1481.2
100	7.07	33.79	26.48	157.7	2.51	1.07	1479.4
125	6.78	33.88	26.59	147.2	2.89	1.49	1478.7
150	6.64	33.92	26.64	142.5	3.25	1.98	1478.6
175	6.54	33.95	26.68	139.4	3.60	2.55	1478.7
200	6.51	33.97	26.70	138.3	3.94	3.20	1479.0
225	6.44	33.99	26.72	136.4	4.29	3.93	1479.1
250	6.31	34.00	26.74	134.3	4.63	4.74	1479.1
300	6.04	34.02	26.80	129.5	5.29	6.55	1478.8
400	5.59	34.05	26.88	122.8	6.54	10.95	1478.7
500	5.23	34.10	26.96	116.5	7.74	16.33	1478.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
585.6	4.76	34.14	27.05	108.2	8.72	21.62	1478.5

WIND MIXED LAYER DEPTH = 15.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-67
STN:30 A
80/9/8
0
3
6
9
12
15
TEMPERATURE C

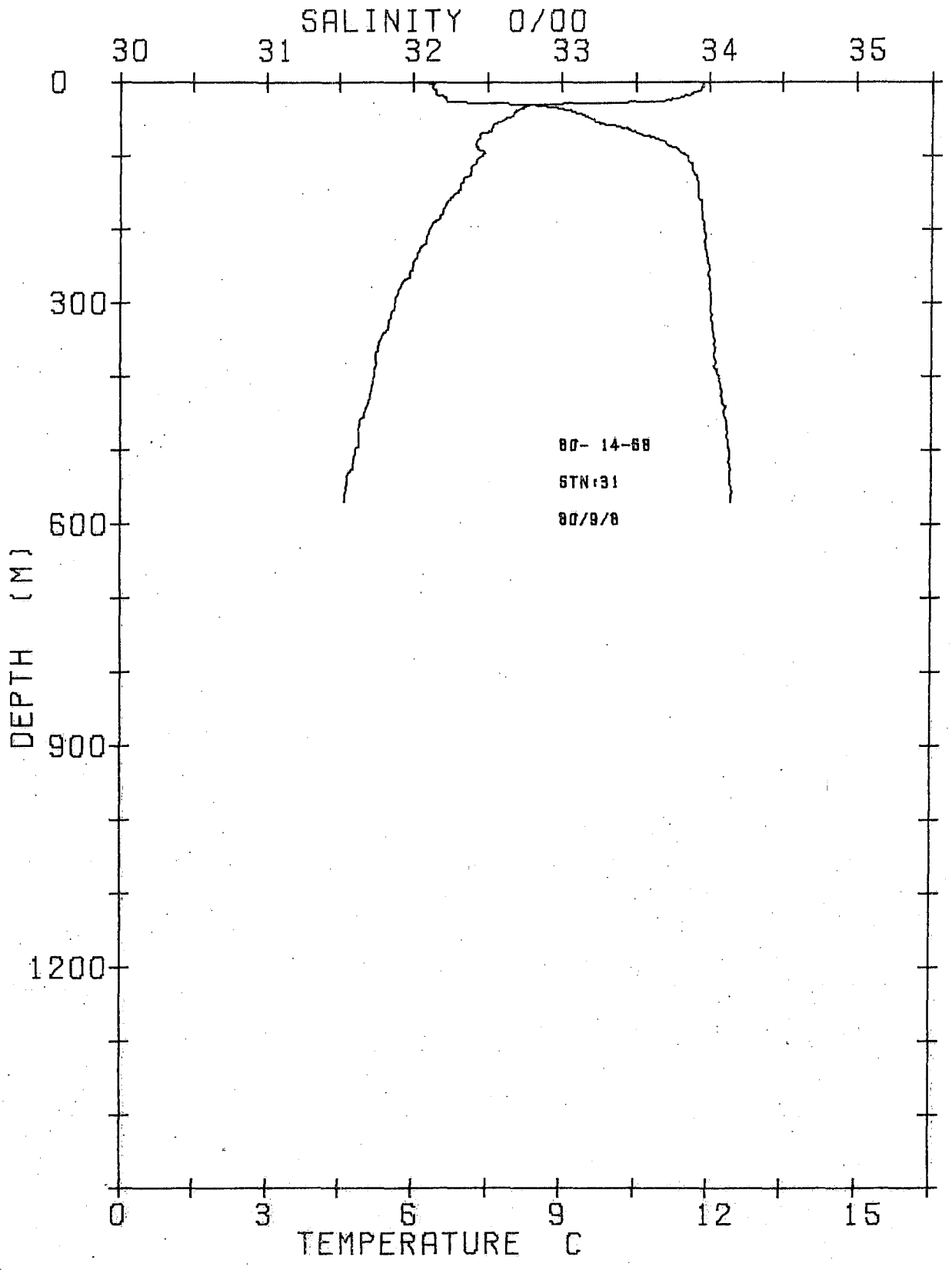
CRUISE : C.O.D.E. 80-14.
STATION: 30 A CONS #067
LAT N 49 37.5 LONG W 127 33.5
DATE 80/09/08 TIME (PST) 0016

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.04	31.94	24.24	369.4	.00	.00	1493.8
10	12.03	31.99	24.27	366.4	.37	.02	1494.0
20	11.10	32.26	24.65	330.4	.72	.07	1491.2
30	8.79	32.66	25.35	264.2	1.01	.14	1483.4
50	8.24	33.01	25.70	230.8	1.51	.34	1482.1
75	7.88	33.40	26.06	197.0	2.04	.67	1481.6
100	7.19	33.82	26.49	156.9	2.49	1.06	1479.9
125	7.02	33.92	26.59	147.6	2.87	1.48	1479.7
150	6.75	33.95	26.65	141.9	3.23	1.98	1479.1
175	6.60	33.98	26.69	138.5	3.58	2.55	1479.0
200	6.46	33.98	26.71	136.8	3.92	3.19	1478.8
225	6.24	34.00	26.75	133.1	4.26	3.91	1478.4
250	6.14	34.01	26.78	131.2	4.59	4.69	1478.4
300	5.88	34.03	26.82	127.1	5.23	6.47	1478.2
400	5.49	34.07	26.91	120.2	6.47	10.78	1478.3
500	4.95	34.11	27.00	111.7	7.64	16.04	1477.8
600	4.55	34.18	27.10	103.0	8.70	21.88	1477.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
740.1	4.26	34.23	27.17	97.2	10.11	31.28	1479.0

WIND MIXED LAYER DEPTH = 15.9 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-68
STN:31
80/9/8
0
3
6
9
12
15
TEMPERATURE C

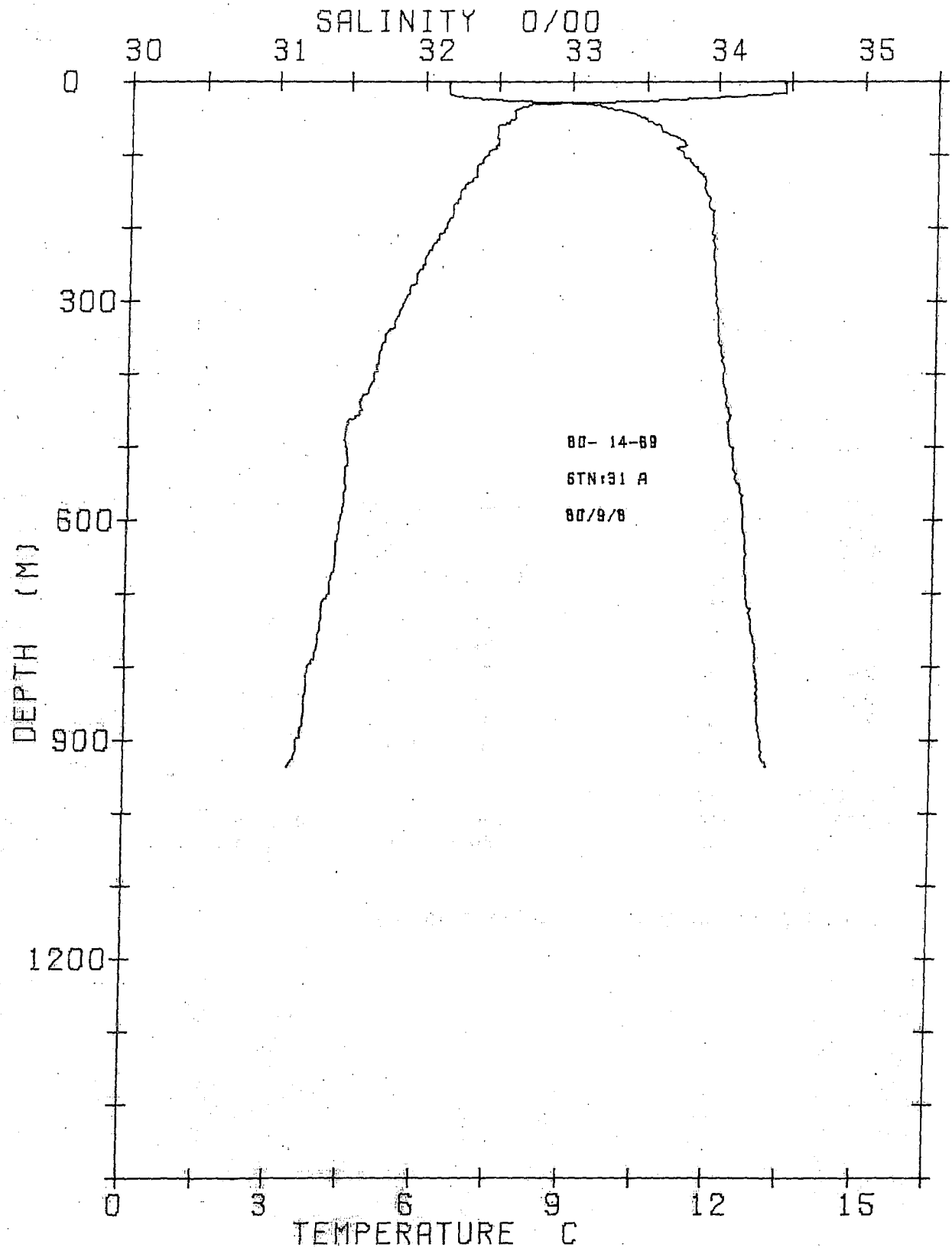
CRUISE : C.O.D.E. 80-14.
STATION: 31 CONS #068
LAT N 49 34.5 LONG W 127 38.0
DATE 80/09/08 TIME (PST) 0116

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.88	32.13	24.41	353.1	.00	.00	1493.5
10	11.83	32.15	24.43	350.9	.35	.02	1493.5
20	11.47	32.21	24.55	340.3	.70	.07	1492.4
30	8.50	32.76	25.47	252.9	1.01	.15	1482.4
50	7.90	33.21	25.91	210.8	1.46	.33	1481.0
75	7.35	33.64	26.32	172.1	1.94	.62	1479.9
100	7.38	33.84	26.48	157.5	2.35	.98	1480.7
125	7.13	33.91	26.57	149.8	2.73	1.41	1480.2
150	6.91	33.93	26.61	145.6	3.10	1.91	1479.7
175	6.64	33.96	26.67	140.2	3.46	2.49	1479.1
200	6.37	33.97	26.71	136.5	3.80	3.14	1478.4
225	6.19	33.98	26.75	133.8	4.14	3.86	1478.2
250	6.04	34.01	26.79	129.5	4.47	4.64	1478.0
300	5.66	34.02	26.84	125.1	5.10	6.39	1477.3
400	5.24	34.08	26.94	116.9	6.32	10.62	1477.3
500	4.87	34.15	27.04	108.5	7.44	15.66	1477.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
570.0	4.62	34.16	27.08	105.1	8.18	19.65	1477.6

WIND MIXED LAYER DEPTH = 23.2 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-69
STN:31 A
80/9/6
0
3
6
9
12
15
TEMPERATURE C

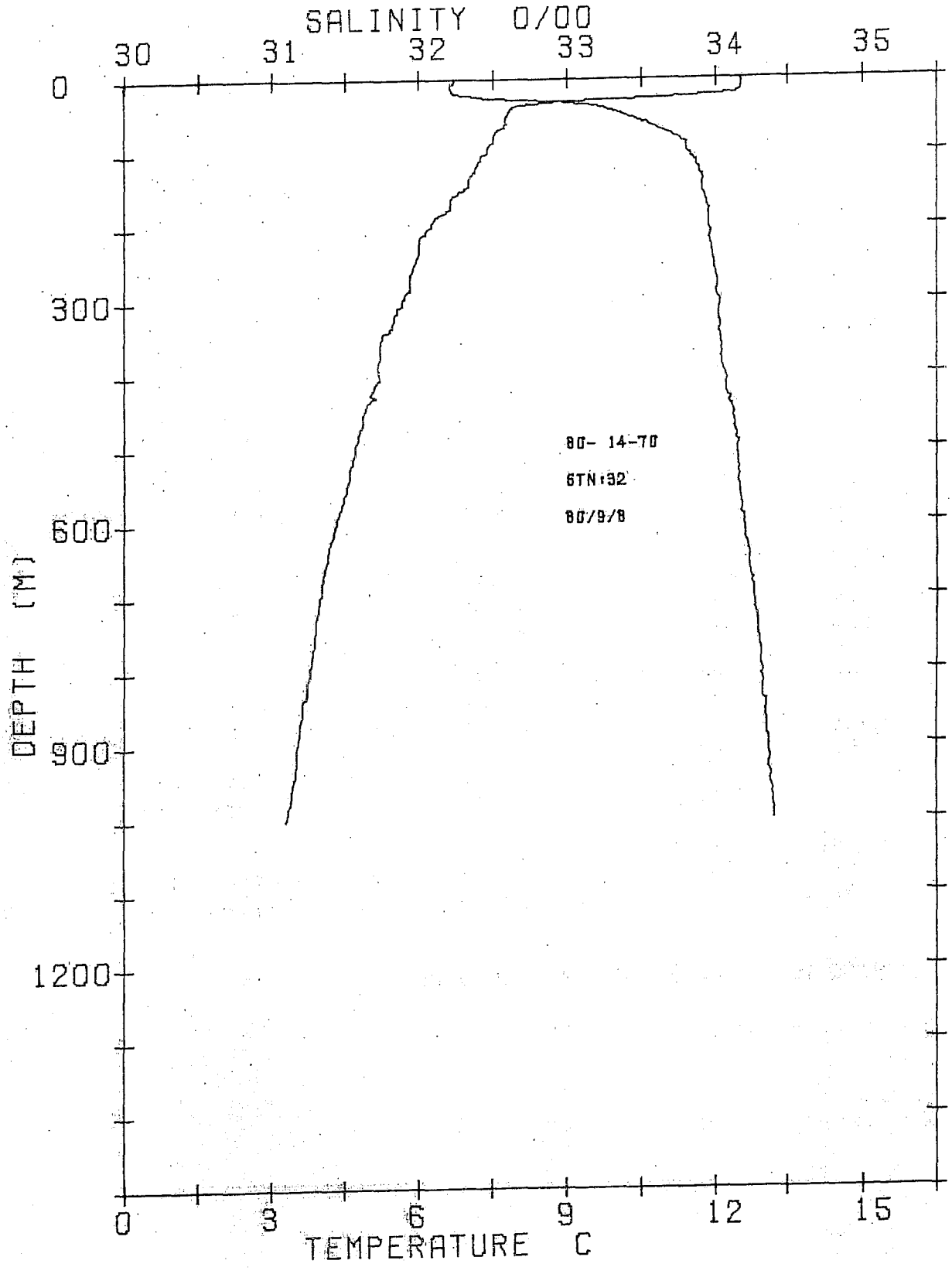
CRUISE : C.O.D.E. 80-14.
STATION: 31 A CONS #069
LAT N 49 31.7 LONG W 127 42.3
DATE 80/09/08 TIME (PST) 0210

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.36	32.16	24.15	378.0	.00	.00	1498.5
10	13.37	32.16	24.14	378.6	.38	.02	1498.7
20	12.40	32.19	24.36	358.2	.75	.07	1495.6
30	8.30	33.11	25.77	223.9	1.05	.15	1482.1
50	7.84	33.49	26.14	189.1	1.45	.31	1481.2
75	7.47	33.73	26.38	167.1	1.90	.58	1480.4
100	7.28	33.76	26.43	162.4	2.31	.94	1480.2
125	7.05	33.89	26.56	150.4	2.70	1.38	1479.8
150	6.75	33.92	26.62	144.5	3.06	1.89	1479.1
175	6.61	33.97	26.68	139.1	3.42	2.46	1479.0
200	6.44	33.97	26.71	136.9	3.76	3.11	1478.7
225	6.18	33.99	26.75	133.0	4.10	3.83	1478.1
250	6.03	33.99	26.77	131.5	4.43	4.61	1477.9
300	5.64	34.00	26.84	125.9	5.07	6.38	1477.2
400	5.05	34.06	26.95	116.1	6.28	10.58	1476.5
500	4.47	34.13	27.07	105.1	7.38	15.53	1475.8
600	4.40	34.21	27.14	98.9	8.40	21.15	1477.3
800	3.79	34.31	27.28	86.5	10.28	34.22	1478.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
936.6	3.40	34.39	27.39	76.9	11.41	44.09	1478.8

WIND MIXED LAYER DEPTH = 18.0 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-70
6TN:32
80/9/8
0
3
6
9
12
15
TEMPERATURE C

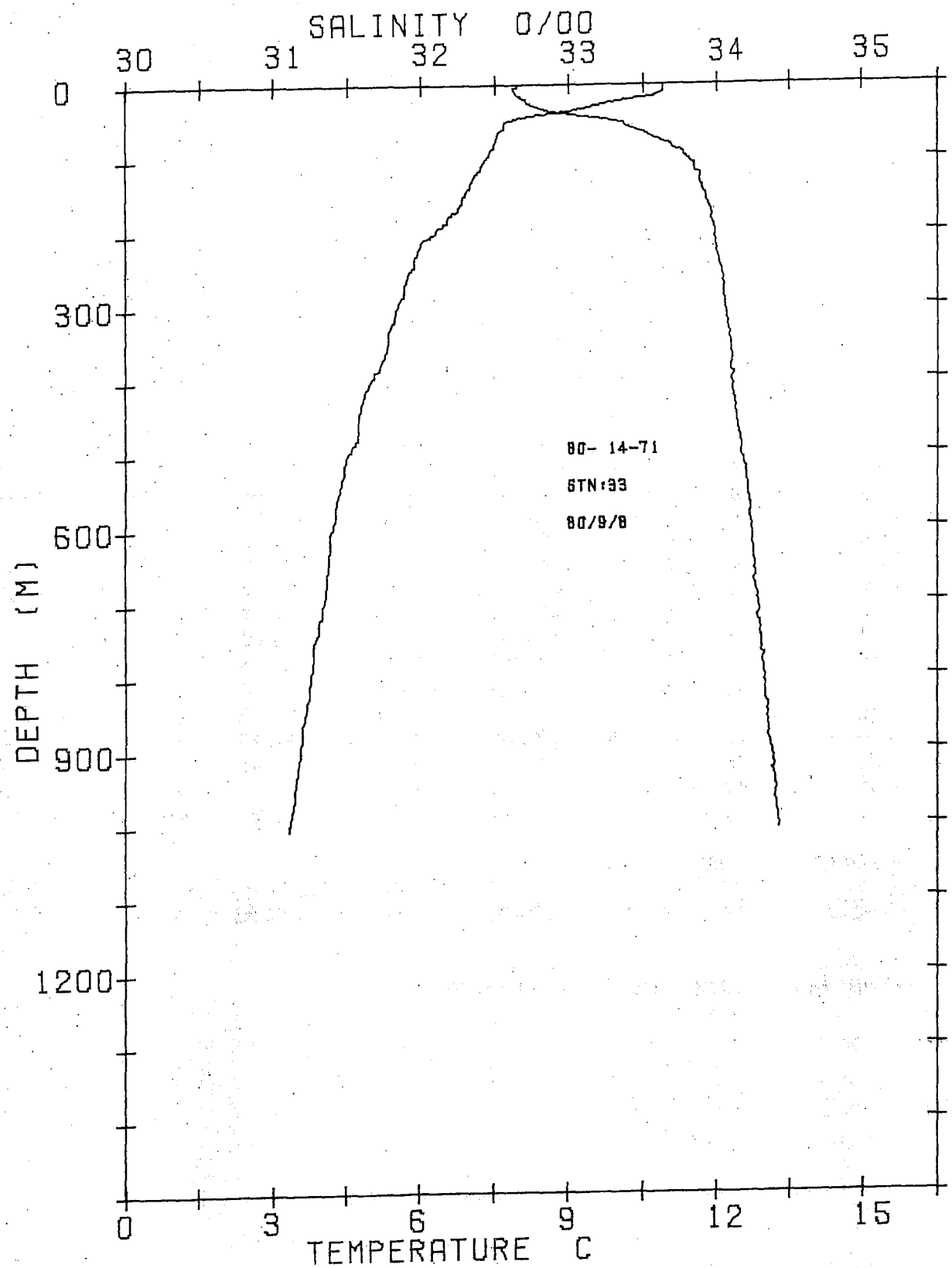
CRUISE : C.O.D.E. 80-14.
STATION: 32 CONS #070
LAT N 49 29.0 LONG W 127 46.5
DATE 80/09/08 TIME (PST) 0315

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.52	32.23	24.37	356.7	.00	.00	1495.8
10	12.53	32.21	24.35	358.5	.36	.02	1495.9
20	12.43	32.24	24.39	355.1	.72	.07	1495.8
30	9.14	32.87	25.45	254.4	1.02	.15	1484.9
50	7.79	33.40	26.07	195.6	1.45	.31	1480.8
75	7.52	33.72	26.36	168.7	1.90	.60	1480.6
100	7.38	33.83	26.47	158.7	2.31	.95	1480.6
125	7.14	33.89	26.55	151.1	2.69	1.39	1480.2
150	6.90	33.91	26.60	146.8	3.06	1.89	1479.7
175	6.64	33.96	26.67	140.5	3.42	2.48	1479.1
200	6.24	33.95	26.72	135.9	3.77	3.12	1477.9
225	6.03	33.97	26.76	132.7	4.10	3.83	1477.5
250	5.94	33.99	26.79	129.8	4.43	4.61	1477.6
300	5.68	34.03	26.85	124.9	5.07	6.37	1477.4
400	5.19	34.07	26.94	116.6	6.28	10.60	1477.1
500	4.74	34.15	27.06	106.4	7.39	15.60	1477.0
600	4.34	34.20	27.14	99.1	8.42	21.27	1477.0
800	3.80	34.34	27.31	84.3	10.25	33.99	1478.2
1000	3.31	34.41	27.41	75.1	11.85	48.41	1479.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.31	34.41	27.41	75.1	11.85	48.41	1479.5

WIND MIXED LAYER DEPTH = 20.2 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-71
STN:33
80/9/8
0
3
6
9
12
15
TEMPERATURE C

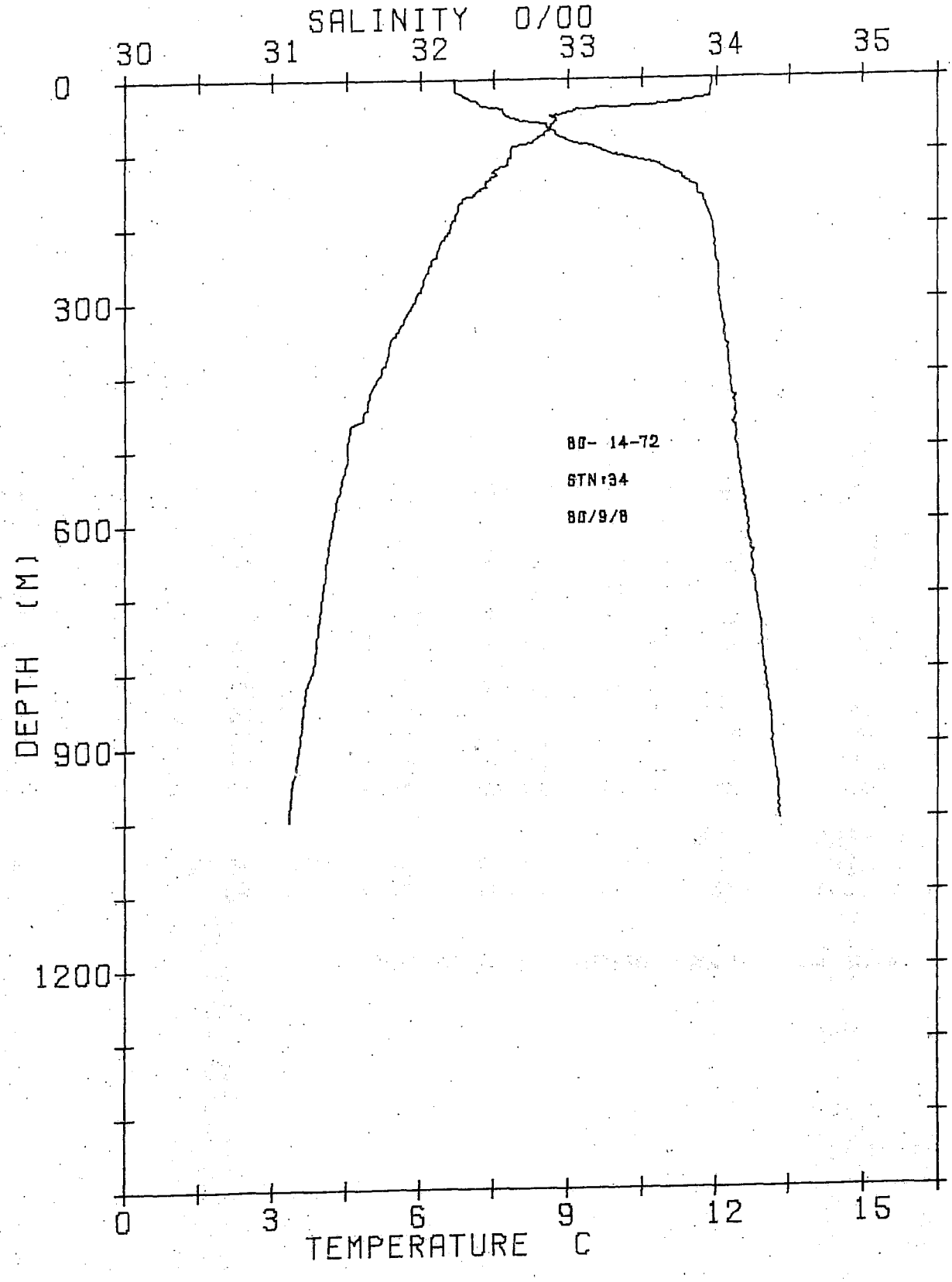
CRUISE : C.O.D.E. 80-14.
STATION: 33 CONS #071
LAT N 49 23.5 LONG W 127 55.0
DATE 80/09/08 TIME (PST) 0521

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.91	32.65	24.99	297.8	.00	.00	1490.7
10	10.90	32.63	24.98	299.1	.30	.02	1490.8
20	10.18	32.70	25.15	282.9	.59	.06	1488.4
30	9.43	32.78	25.34	264.8	.87	.13	1485.9
50	7.74	33.36	26.05	198.0	1.33	.31	1480.6
75	7.52	33.63	26.29	175.2	1.79	.60	1480.5
100	7.32	33.81	26.46	159.4	2.21	.96	1480.4
125	7.10	33.88	26.55	151.6	2.60	1.40	1480.0
150	6.90	33.93	26.61	145.8	2.97	1.91	1479.7
175	6.63	33.96	26.68	139.7	3.33	2.49	1479.1
200	6.30	33.99	26.74	134.1	3.67	3.13	1478.2
225	5.96	34.00	26.80	128.9	4.00	3.83	1477.3
250	5.82	34.04	26.84	125.1	4.32	4.58	1477.1
300	5.56	34.06	26.89	120.8	4.93	6.27	1476.9
400	5.01	34.10	26.99	112.4	6.09	10.33	1476.4
500	4.52	34.17	27.10	102.3	7.16	15.14	1476.1
600	4.22	34.24	27.18	94.9	8.14	20.50	1476.6
800	3.78	34.34	27.31	84.4	9.93	33.03	1478.1
1000	3.34	34.44	27.43	73.5	11.52	47.23	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1005.1	3.32	34.43	27.42	73.8	11.55	47.61	1479.7

WIND MIXED LAYER DEPTH = 12.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-72
STN:34
80/9/8
0
3
6
9
12
15
TEMPERATURE C

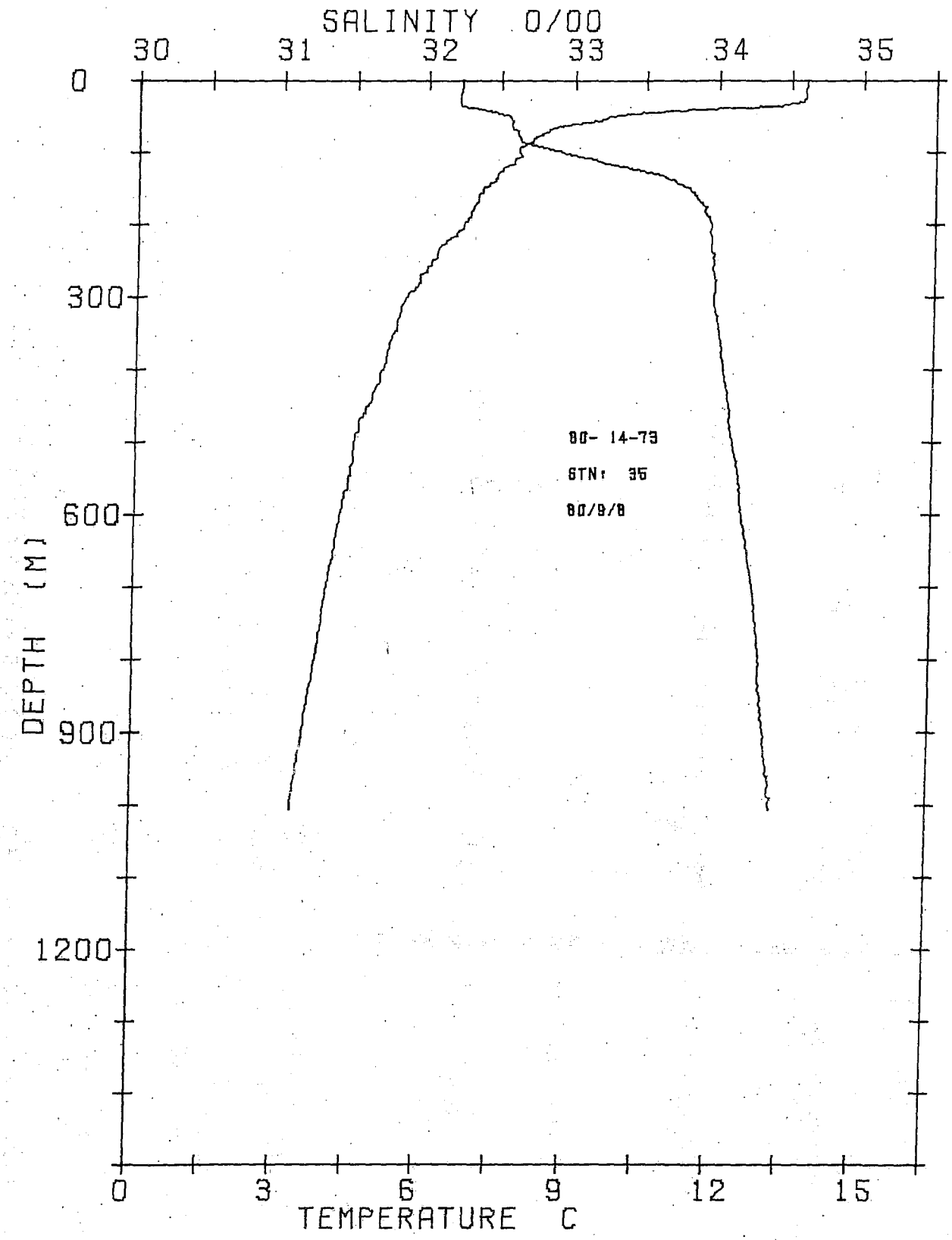
CRUISE : C.O.D.E. 80-14.
STATION: 34 CONS #072
LAT N 49 18.0 LONG W 128 04.0
DATE 80/09/08 TIME (PST) 0659

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.91	32.23	24.48	346.0	.00	.00	1493.7
10	11.90	32.23	24.48	346.2	.35	.02	1493.8
20	11.89	32.28	24.52	342.5	.69	.07	1494.0
30	11.44	32.39	24.69	326.8	1.03	.15	1492.7
50	8.66	32.59	25.31	267.9	1.61	.38	1483.1
75	8.49	32.93	25.60	240.6	2.24	.77	1483.3
100	7.84	33.27	25.96	206.9	2.80	1.26	1481.7
125	7.48	33.70	26.35	170.3	3.26	1.78	1481.2
150	7.22	33.86	26.52	154.8	3.66	2.34	1480.9
175	6.77	33.93	26.63	144.4	4.04	2.94	1479.6
200	6.62	33.97	26.68	139.4	4.39	3.60	1479.5
225	6.40	33.98	26.72	135.9	4.73	4.33	1479.0
250	6.21	34.01	26.76	132.4	5.07	5.13	1478.7
300	5.89	34.02	26.82	127.7	5.72	6.92	1478.2
400	5.18	34.09	26.96	114.9	6.92	11.12	1477.1
500	4.54	34.15	27.08	104.2	8.02	16.02	1476.1
600	4.23	34.22	27.16	96.7	9.02	21.57	1476.6
800	3.82	34.34	27.30	84.9	10.84	34.21	1478.3
1000	3.32	34.44	27.43	73.1	12.40	48.24	1479.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.32	34.44	27.43	73.1	12.40	48.25	1479.6

WIND MIXED LAYER DEPTH = 28.2 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-73
STN: 35
80/9/8
0
3
6
9
12
15
TEMPERATURE C

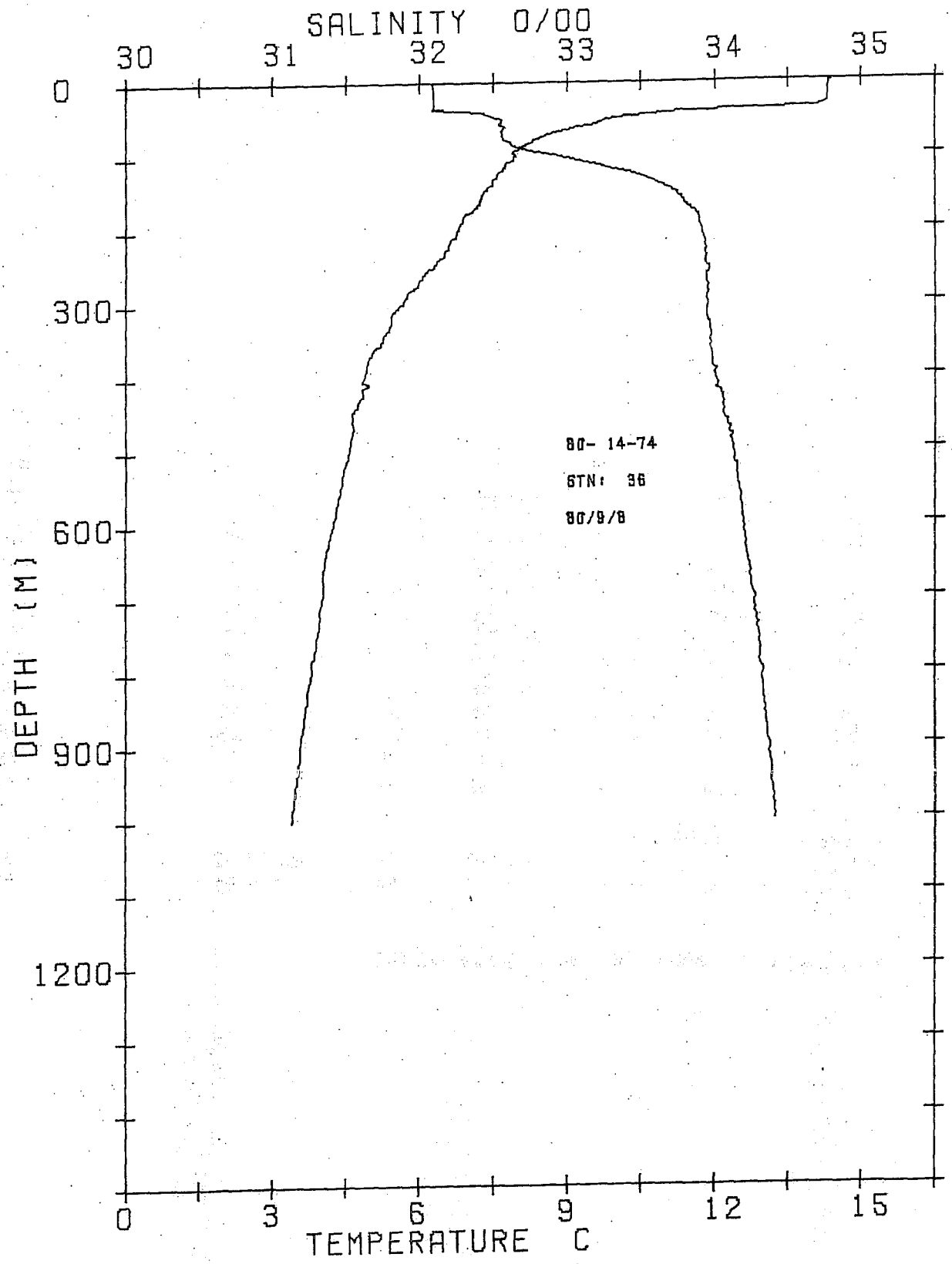
CRUISE : C.O.D.E. 80-14.
STATION: 35 CONS #073
LAT N 49 12.0 LONG W 128 12.5
DATE 80/09/08 TIME (PST) 0834

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.83	32.23	24.11	381.4	.00	.00	1500.2
10	13.82	32.23	24.11	381.5	.38	.02	1500.3
20	13.79	32.22	24.11	382.1	.76	.08	1500.4
30	13.73	32.22	24.12	381.4	1.14	.17	1500.3
50	9.76	32.56	25.11	287.1	1.81	.43	1487.2
75	8.32	32.62	25.38	261.5	2.49	.86	1482.3
100	7.86	32.92	25.68	233.2	3.12	1.40	1481.3
125	7.53	33.47	26.17	187.6	3.65	2.00	1481.2
150	7.19	33.80	26.47	158.9	4.08	2.59	1480.6
175	6.98	33.91	26.59	148.1	4.46	3.21	1480.4
200	6.79	33.96	26.65	142.5	4.83	3.89	1480.1
225	6.40	33.96	26.71	137.7	5.18	4.64	1479.0
250	6.13	33.98	26.75	133.4	5.52	5.44	1478.3
300	5.61	33.98	26.82	127.5	6.17	7.23	1477.0
400	5.12	34.05	26.94	117.1	7.39	11.49	1476.8
500	4.54	34.12	27.05	106.6	8.50	16.51	1476.1
600	4.27	34.20	27.15	98.4	9.53	22.13	1476.7
800	3.81	34.33	27.30	85.4	11.35	34.84	1478.3
1000	3.34	34.42	27.42	74.7	12.95	49.21	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1005.1	3.33	34.43	27.42	74.0	12.99	49.59	1479.7

WIND MIXED LAYER DEPTH = 33.4 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-74
STN: 36
80/9/8
0
3
6
9
12
15
TEMPERATURE C

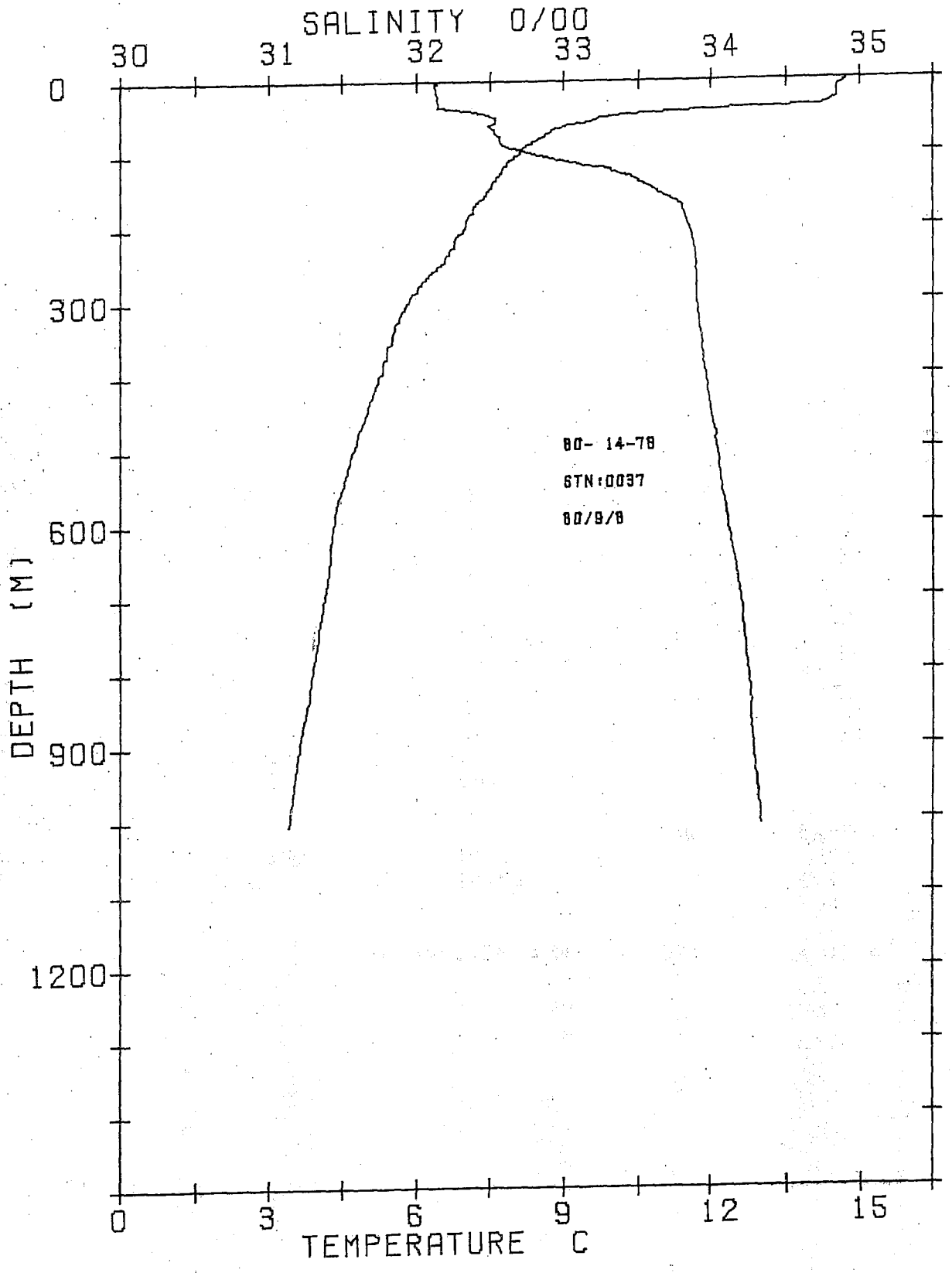
CRUISE : C.O.D.E. 80-14.
STATION: 36 CONS #074
LAT N 49 06.5 LONG W 128 21.0
DATE 80/09/08 TIME (PST) 0957

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.40	32.09	23.88	403.3	.00	.00	1501.9
10	14.34	32.10	23.90	401.8	.40	.02	1501.9
20	14.33	32.10	23.91	401.2	.80	.08	1502.0
30	14.33	32.10	23.91	401.7	1.21	.18	1502.2
50	9.83	32.56	25.10	288.1	1.89	.45	1487.5
75	8.41	32.57	25.33	266.0	2.58	.88	1482.5
100	7.94	32.95	25.70	231.7	3.21	1.43	1481.7
125	7.60	33.49	26.17	187.5	3.74	2.02	1481.4
150	7.32	33.74	26.41	165.3	4.17	2.62	1481.1
175	7.09	33.87	26.54	153.2	4.57	3.27	1480.8
200	6.80	33.92	26.62	145.7	4.95	3.96	1480.1
225	6.60	33.95	26.67	141.5	5.31	4.73	1479.7
250	6.29	33.96	26.72	137.0	5.66	5.56	1478.9
300	5.68	33.96	26.80	129.4	6.32	7.39	1477.3
400	4.89	34.01	26.93	117.4	7.56	11.70	1475.8
500	4.59	34.13	27.06	106.2	8.67	16.71	1476.3
600	4.25	34.20	27.15	97.8	9.69	22.32	1476.6
800	3.81	34.33	27.30	85.4	11.52	35.07	1478.2
1000	3.41	34.41	27.40	76.2	13.13	49.53	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1002.2	3.39	34.41	27.41	75.7	13.15	49.70	1479.9

WIND MIXED LAYER DEPTH = 33.3 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-78
STN:0037
80/9/8
0
3
6
9
12
15
TEMPERATURE C

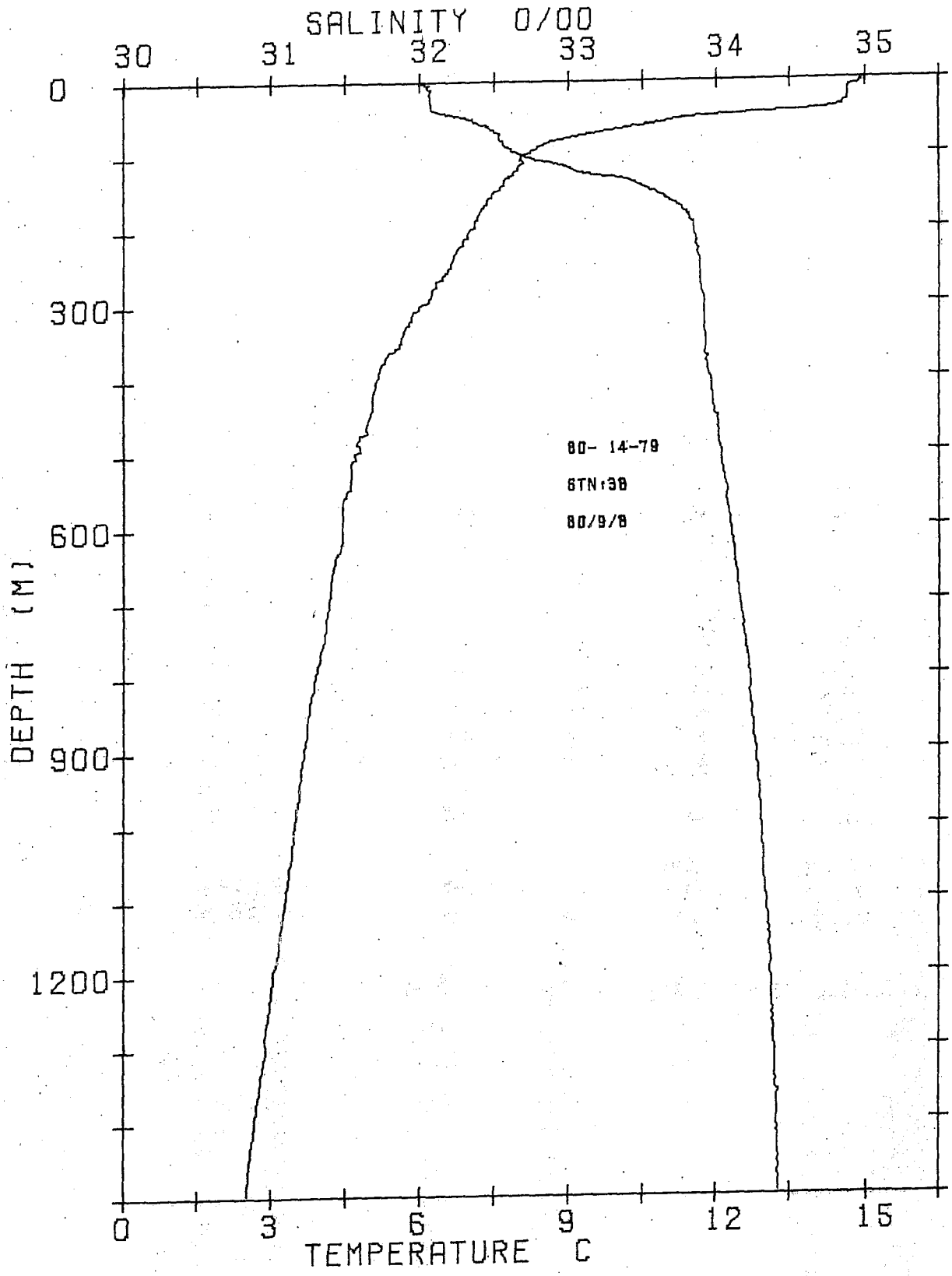
CRUISE : C.O.D.E. 80-14.
STATION: 0037 CONS #078
LAT N 49 12.5 LONG W 128 29.0
DATE 80/09/08 TIME (PST) 1345

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.74	32.12	23.84	407.7	.00	.00	1503.0
10	14.54	32.13	23.88	403.2	.41	.02	1502.6
20	14.51	32.14	23.90	402.4	.81	.08	1502.6
30	14.44	32.15	23.92	400.4	1.21	.18	1502.6
50	9.76	32.53	25.09	289.2	1.90	.45	1487.2
75	8.61	32.56	25.29	270.3	2.60	.89	1483.3
100	8.10	32.81	25.56	244.7	3.25	1.46	1482.1
125	7.74	33.35	26.04	199.8	3.80	2.07	1481.8
150	7.46	33.62	26.29	176.2	4.27	2.71	1481.5
175	7.15	33.80	26.48	158.9	4.68	3.39	1480.9
200	6.98	33.85	26.54	153.3	5.07	4.12	1480.7
225	6.75	33.88	26.59	148.4	5.45	4.92	1480.2
250	6.49	33.90	26.65	143.7	5.81	5.78	1479.7
300	5.84	33.90	26.73	136.0	6.51	7.70	1477.9
400	5.26	33.97	26.85	125.1	7.81	12.24	1477.3
500	4.74	34.05	26.97	114.2	9.01	17.61	1476.8
600	4.36	34.12	27.08	105.0	10.10	23.62	1477.0
800	3.92	34.26	27.23	91.8	12.06	37.30	1478.6
1000	3.45	34.33	27.33	82.5	13.81	52.97	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1005.0	3.43	34.34	27.34	82.0	13.85	53.38	1480.0

WIND MIXED LAYER DEPTH = 33.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-79
6TN138
80/9/8
0
3
6
9
12
15
TEMPERATURE C

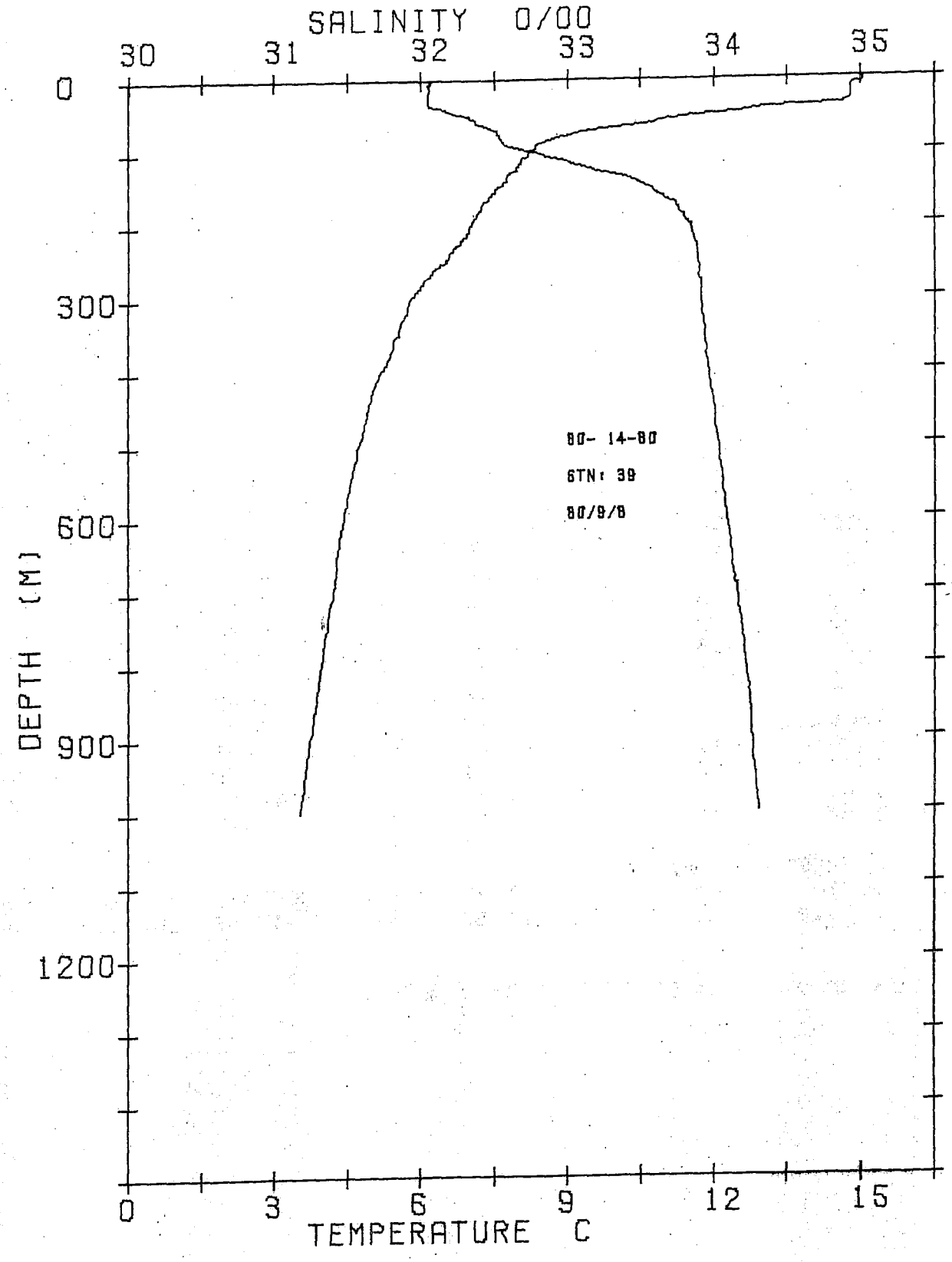
CRUISE : C.O.D.E. 80-14.
STATION: 38 CONS #079
LAT N 49 18.5 LONG W 128 36.5
DATE 80/09/08 TIME (PST) 1511

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.94	32.01	23.71	419.4	.00	.00	1503.5
10	14.71	32.07	23.80	411.3	.42	.02	1503.0
20	14.67	32.07	23.81	410.7	.83	.08	1503.1
30	14.64	32.08	23.82	409.7	1.24	.18	1503.1
50	11.42	32.35	24.66	329.8	2.00	.49	1492.9
75	9.01	32.53	25.21	277.9	2.76	.96	1484.8
100	8.09	32.69	25.48	253.0	3.42	1.54	1481.9
125	7.86	33.17	25.89	214.4	4.01	2.19	1482.1
150	7.51	33.60	26.27	178.7	4.49	2.85	1481.6
175	7.24	33.79	26.46	160.9	4.91	3.54	1481.3
200	7.03	33.85	26.53	154.0	5.30	4.27	1480.9
225	6.79	33.88	26.59	149.2	5.68	5.08	1480.4
250	6.63	33.89	26.62	146.6	6.05	5.95	1480.2
300	6.02	33.92	26.72	136.9	6.76	7.91	1478.6
400	5.16	33.97	26.86	124.2	8.07	12.49	1476.8
500	4.69	34.04	26.97	114.2	9.27	17.87	1476.6
600	4.45	34.11	27.05	107.3	10.38	23.96	1477.4
800	3.93	34.24	27.21	93.6	12.39	37.97	1478.6
1000	3.51	34.32	27.32	84.3	14.16	53.91	1480.2
1200	3.07	34.37	27.40	76.3	15.77	71.56	1481.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1500.2	2.51	34.44	27.50	67.1	17.93	100.60	1484.4

WIND MIXED LAYER DEPTH = 35.2 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-80
STN: 39
80/9/8
0
3
6
9
12
15
TEMPERATURE C

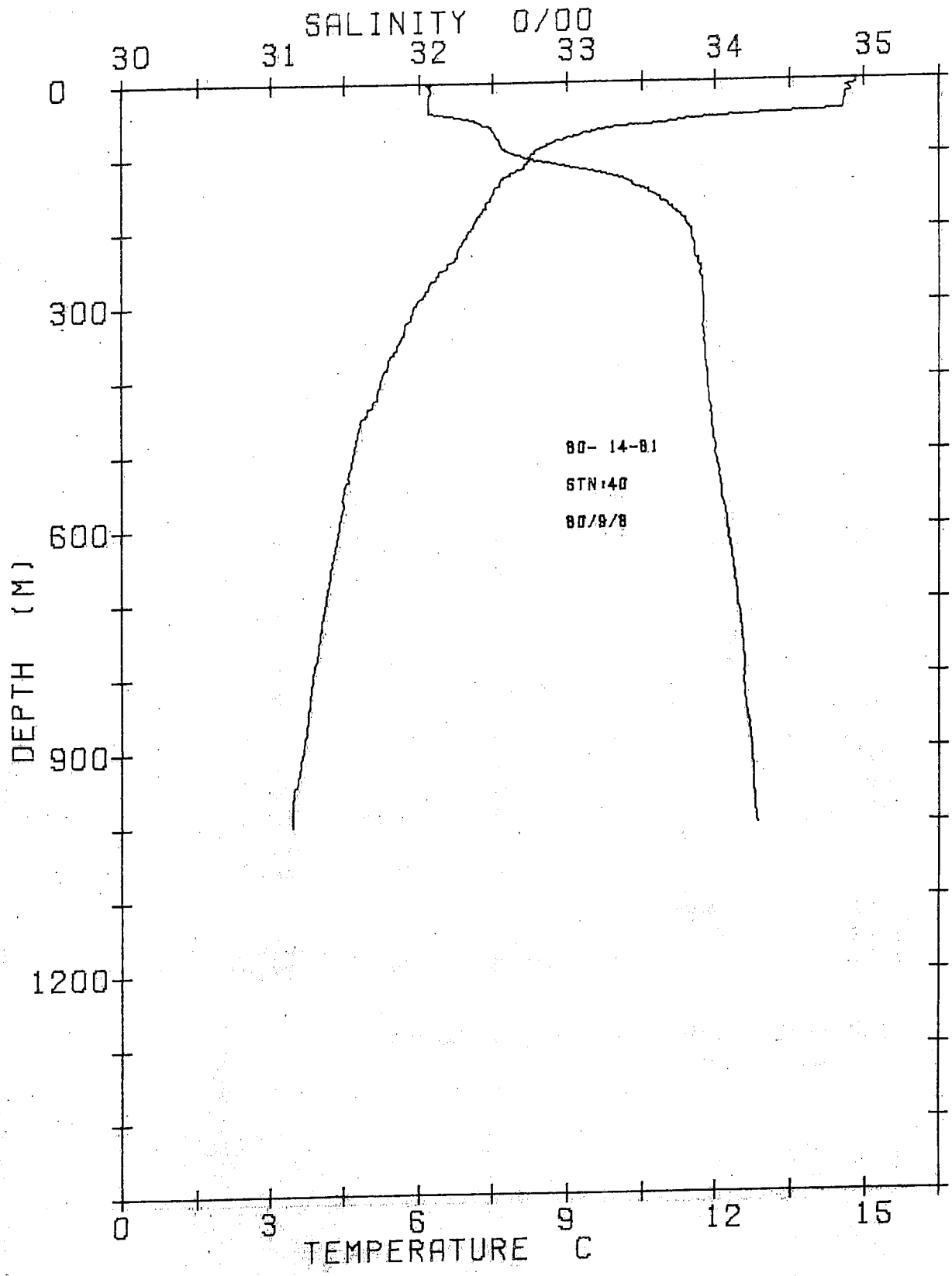
CRUISE : C.O.D.E. 80-14.
STATION: 39 CONS #080
LAT N 49 25.0 LONG W 128 44.5
DATE 80/09/08 TIME (PST) 1713

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	15.06	32.07	23.73	418.1	.00	.00	1504.0
10	14.85	32.06	23.77	414.5	.42	.02	1503.5
20	14.81	32.05	23.77	414.7	.83	.08	1503.5
30	14.80	32.05	23.77	414.8	1.25	.19	1503.6
50	11.61	32.32	24.61	334.9	2.01	.49	1493.5
75	9.03	32.53	25.21	278.2	2.77	.96	1484.8
100	8.23	32.78	25.52	248.4	3.44	1.54	1482.5
125	7.92	33.21	25.90	212.6	4.01	2.19	1482.3
150	7.57	33.57	26.24	181.2	4.50	2.85	1481.9
175	7.25	33.76	26.43	163.3	4.93	3.55	1481.2
200	7.04	33.84	26.52	154.9	5.33	4.30	1480.9
225	6.81	33.88	26.58	149.4	5.71	5.11	1480.5
250	6.51	33.89	26.64	144.7	6.07	5.98	1479.7
300	5.82	33.91	26.74	135.0	6.77	7.89	1477.8
400	5.21	33.97	26.86	124.7	8.07	12.44	1477.0
500	4.75	34.04	26.96	115.1	9.27	17.81	1476.9
600	4.44	34.09	27.04	108.3	10.38	23.95	1477.3
800	3.98	34.22	27.20	95.1	12.41	38.10	1478.8
1000	3.53	34.31	27.31	84.8	14.21	54.27	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.0	3.53	34.31	27.31	84.8	14.21	54.27	1480.3

WIND MIXED LAYER DEPTH = 28.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-81
STN:40
80/9/8
0
3
6
9
12
15
TEMPERATURE C

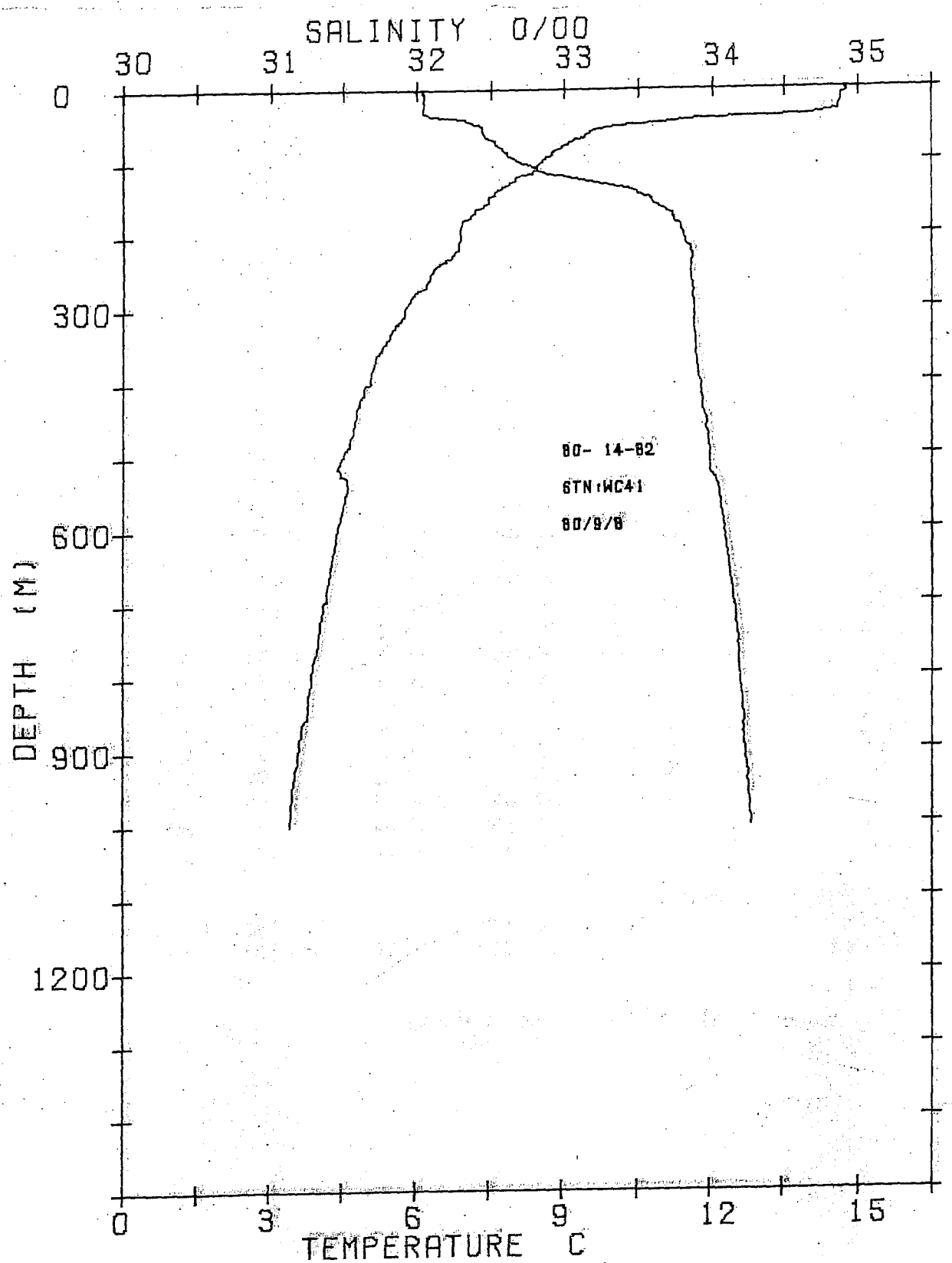
CRUISE : C.O.D.E. 80-14.
STATION: 40 CONS #081
LAT N 49 31.5 LONG W 128 52.5
DATE 80/09/08 TIME (PST) 1841

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.83	32.08	23.78	412.7	.00	.00	1503.3
10	14.65	32.08	23.82	409.1	.41	.02	1502.8
20	14.64	32.06	23.81	410.8	.82	.08	1503.0
30	14.62	32.06	23.81	410.7	1.23	.18	1503.1
50	11.52	32.36	24.66	330.4	2.01	.49	1493.3
75	8.97	32.54	25.22	276.7	2.75	.95	1484.6
100	8.29	32.70	25.45	255.6	3.42	1.54	1482.7
125	7.83	33.28	25.98	205.9	4.00	2.19	1482.0
150	7.52	33.55	26.23	182.0	4.48	2.84	1481.6
175	7.30	33.73	26.40	166.1	4.91	3.55	1481.4
200	7.04	33.84	26.52	155.2	5.31	4.30	1480.9
225	6.81	33.86	26.57	150.5	5.70	5.11	1480.5
250	6.57	33.90	26.63	145.1	6.07	5.99	1480.0
300	5.94	33.92	26.73	135.9	6.77	7.91	1478.3
400	5.26	33.95	26.84	126.5	8.08	12.52	1477.2
500	4.72	34.00	26.94	117.2	9.30	17.97	1476.7
600	4.43	34.09	27.04	108.2	10.42	24.13	1477.3
800	3.90	34.21	27.19	95.4	12.44	38.22	1478.4
1000	3.47	34.30	27.31	85.0	14.24	54.43	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.48	34.30	27.31	85.0	14.25	54.44	1480.1

WIND MIXED LAYER DEPTH = 36.8 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-82
6TN:WC41
80/9/8
0
3
6
9
12
15
TEMPERATURE C

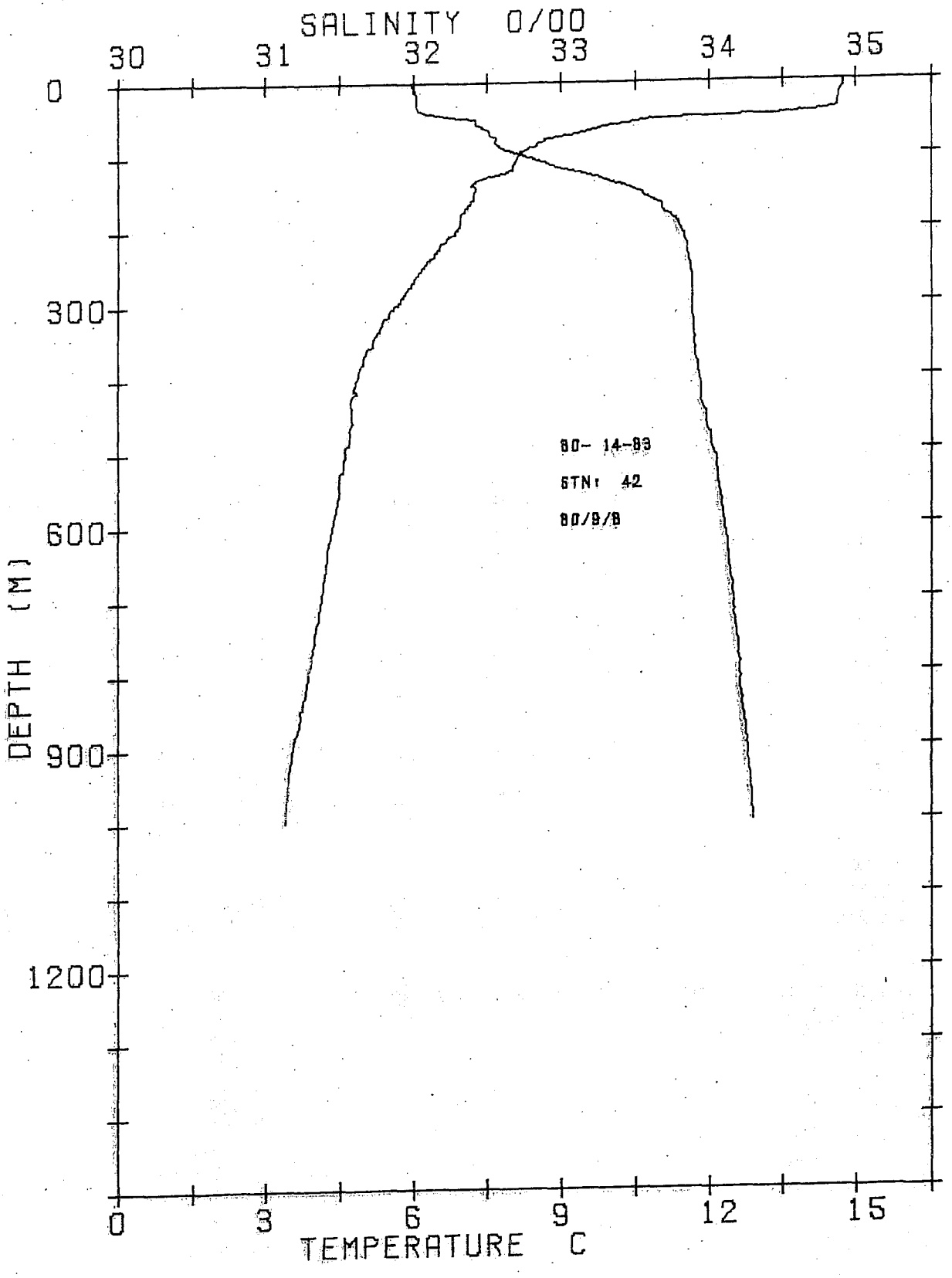
CRUISE : C.O.D.E. 80-14.
STATION: WC41 CONS #082
LAT N 49 36.5 LONG W 128 44.5
DATE 80/09/08 TIME (PST) 2006

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.74	32.04	23.77	413.4	.00	.00	1502.9
10	14.69	32.05	23.79	412.1	.41	.02	1502.9
20	14.65	32.05	23.80	411.9	.83	.08	1503.0
30	14.58	32.04	23.81	411.1	1.24	.19	1502.9
50	10.08	32.44	24.96	301.0	1.94	.46	1488.2
75	9.06	32.54	25.21	278.1	2.67	.91	1485.0
100	8.56	32.70	25.41	259.3	3.34	1.50	1483.7
125	7.98	33.18	25.87	215.7	3.94	2.18	1482.5
150	7.45	33.59	26.27	178.2	4.43	2.84	1481.4
175	7.08	33.74	26.44	162.7	4.85	3.54	1480.6
200	6.90	33.80	26.52	155.5	5.25	4.28	1480.3
225	6.76	33.87	26.58	149.3	5.63	5.09	1480.3
250	6.32	33.86	26.64	144.4	6.00	5.96	1478.9
300	5.80	33.88	26.71	137.4	6.70	7.89	1477.7
400	5.06	33.93	26.84	125.7	8.02	12.49	1476.3
500	4.53	33.99	26.95	116.2	9.22	17.91	1475.9
600	4.40	34.09	27.05	107.6	10.34	24.06	1477.1
800	3.87	34.21	27.20	94.9	12.35	38.09	1478.3
1000	3.41	34.29	27.30	85.3	14.15	54.21	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1001.0	3.41	34.29	27.30	85.3	14.16	54.29	1479.8

WIND MIXED LAYER DEPTH = 31.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-83
STN: 42
80/9/8
0
3
6
9
12
15
TEMPERATURE C

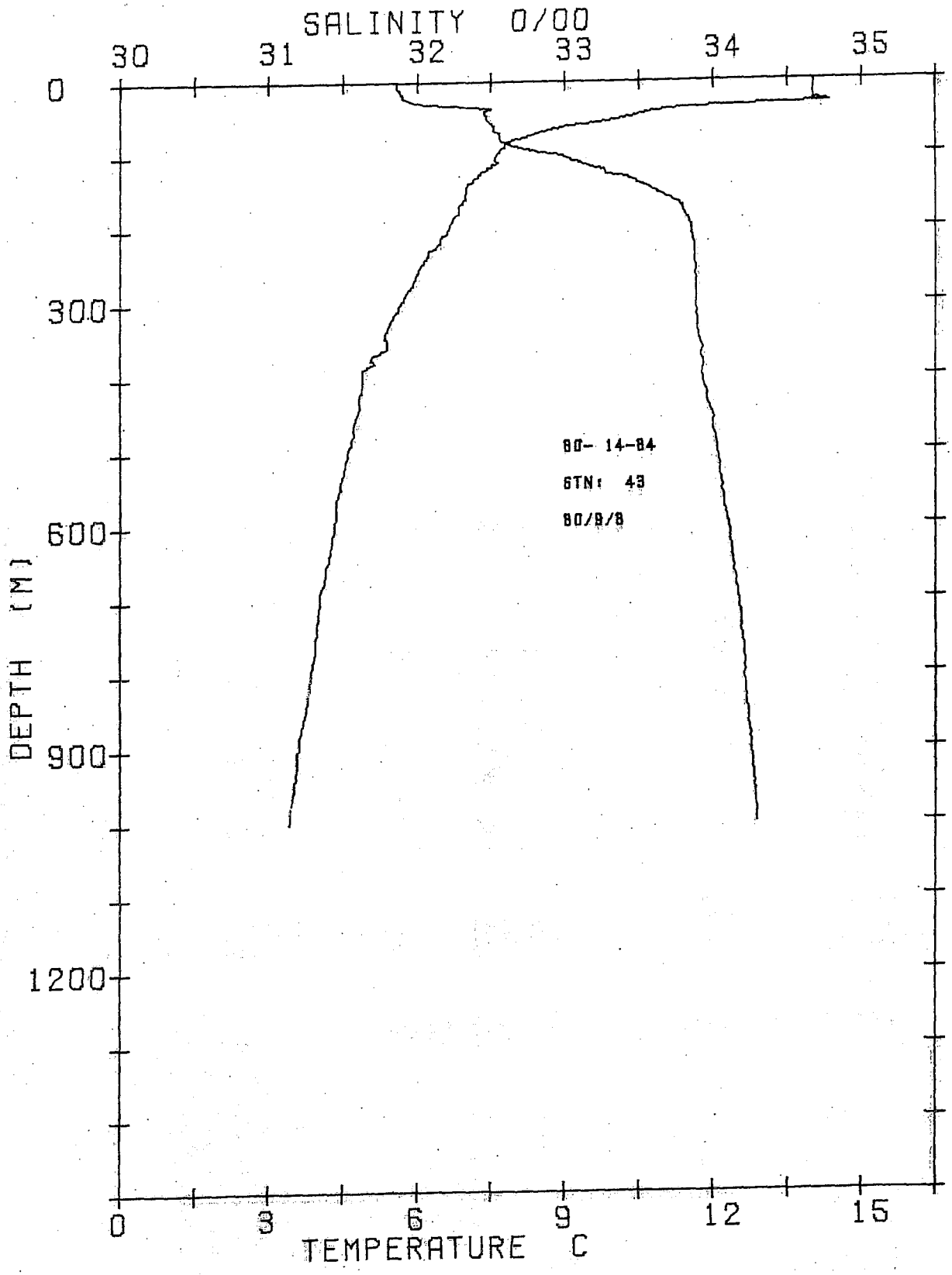
CRUISE : C.O.D.E. 80-14.
STATION: 42 CONS #083
LAT N 49 42.0 LONG W 128 36.5
DATE 80/09/08 TIME (PST) 2128

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.75	31.98	23.73	418.0	.00	.00	1502.9
10	14.76	32.01	23.75	416.3	.42	.02	1503.1
20	14.67	32.02	23.77	414.5	.83	.08	1503.0
30	14.64	32.02	23.78	413.6	1.25	.19	1503.1
50	11.03	32.42	24.79	318.1	2.03	.49	1491.6
75	8.77	32.56	25.27	272.3	2.76	.95	1483.9
100	8.15	32.76	25.52	248.6	3.42	1.53	1482.2
125	7.75	33.20	25.92	210.9	4.00	2.18	1481.7
150	7.25	33.55	26.27	178.6	4.48	2.84	1480.6
175	7.05	33.70	26.41	165.1	4.91	3.53	1480.4
200	6.91	33.81	26.52	155.1	5.30	4.27	1480.4
225	6.53	33.85	26.60	147.6	5.68	5.07	1479.3
250	6.22	33.87	26.66	142.4	6.04	5.94	1478.5
300	5.66	33.88	26.74	135.4	6.74	7.84	1477.1
400	4.86	33.93	26.87	123.3	8.03	12.35	1475.5
500	4.61	34.03	26.98	113.8	9.22	17.70	1476.3
600	4.36	34.11	27.07	106.0	10.32	23.73	1477.0
800	3.86	34.21	27.20	94.6	12.32	37.69	1478.3
1000	3.38	34.30	27.32	83.8	14.09	53.65	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.0	3.38	34.30	27.32	83.8	14.09	53.65	1479.7

WIND MIXED LAYER DEPTH = 39.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-84
STN: 43
80/8/8
0
3
6
9
12
15
TEMPERATURE C

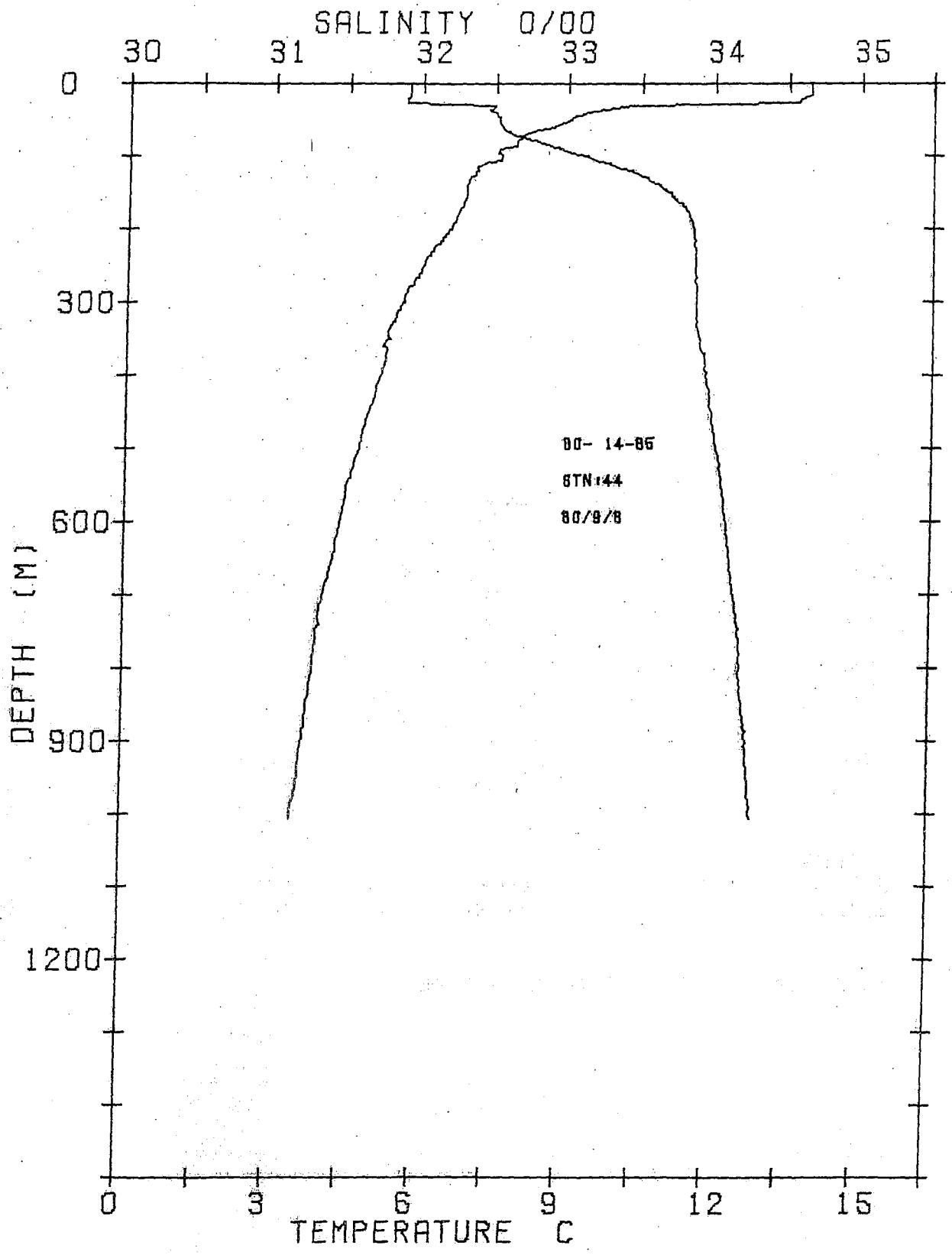
CRUISE : C.O.D.E. 80-14.
STATION: 43 CONS #084
LAT N 49 47.0 LONG W 128 28.5
DATE 80/09/08 TIME (PST) 2235

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	14.03	31.86	23.78	412.7	.00	.00	1500.4
10	14.04	31.88	23.79	411.8	.41	.02	1500.6
20	14.00	31.90	23.82	409.5	.82	.08	1500.7
30	14.36	32.06	23.87	405.0	1.23	.18	1502.2
50	10.22	32.47	24.97	300.6	1.87	.44	1488.8
75	8.21	32.56	25.35	264.6	2.57	.87	1481.8
100	7.62	32.99	25.78	224.2	3.19	1.41	1480.5
125	7.28	33.29	26.06	197.5	3.72	2.01	1479.9
150	7.03	33.62	26.35	170.4	4.17	2.63	1479.8
175	6.87	33.80	26.52	155.2	4.58	3.28	1479.8
200	6.66	33.85	26.58	148.9	4.95	3.99	1479.4
225	6.35	33.87	26.64	144.1	5.32	4.77	1478.6
250	6.07	33.88	26.68	140.1	5.68	5.61	1478.0
300	5.67	33.88	26.74	135.3	6.36	7.50	1477.2
400	4.88	33.93	26.86	123.7	7.66	12.04	1475.6
500	4.62	34.03	26.98	113.8	8.85	17.37	1476.3
600	4.36	34.11	27.07	106.0	9.95	23.40	1477.0
800	3.87	34.21	27.20	94.5	11.93	37.26	1478.3
1000	3.43	34.30	27.31	84.3	13.72	53.28	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.43	34.30	27.31	84.3	13.72	53.28	1479.9

WIND MIXED LAYER DEPTH = 30.4 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
00- 14-85
STN:44
80/9/8
0
3
6
9
12
15
TEMPERATURE C

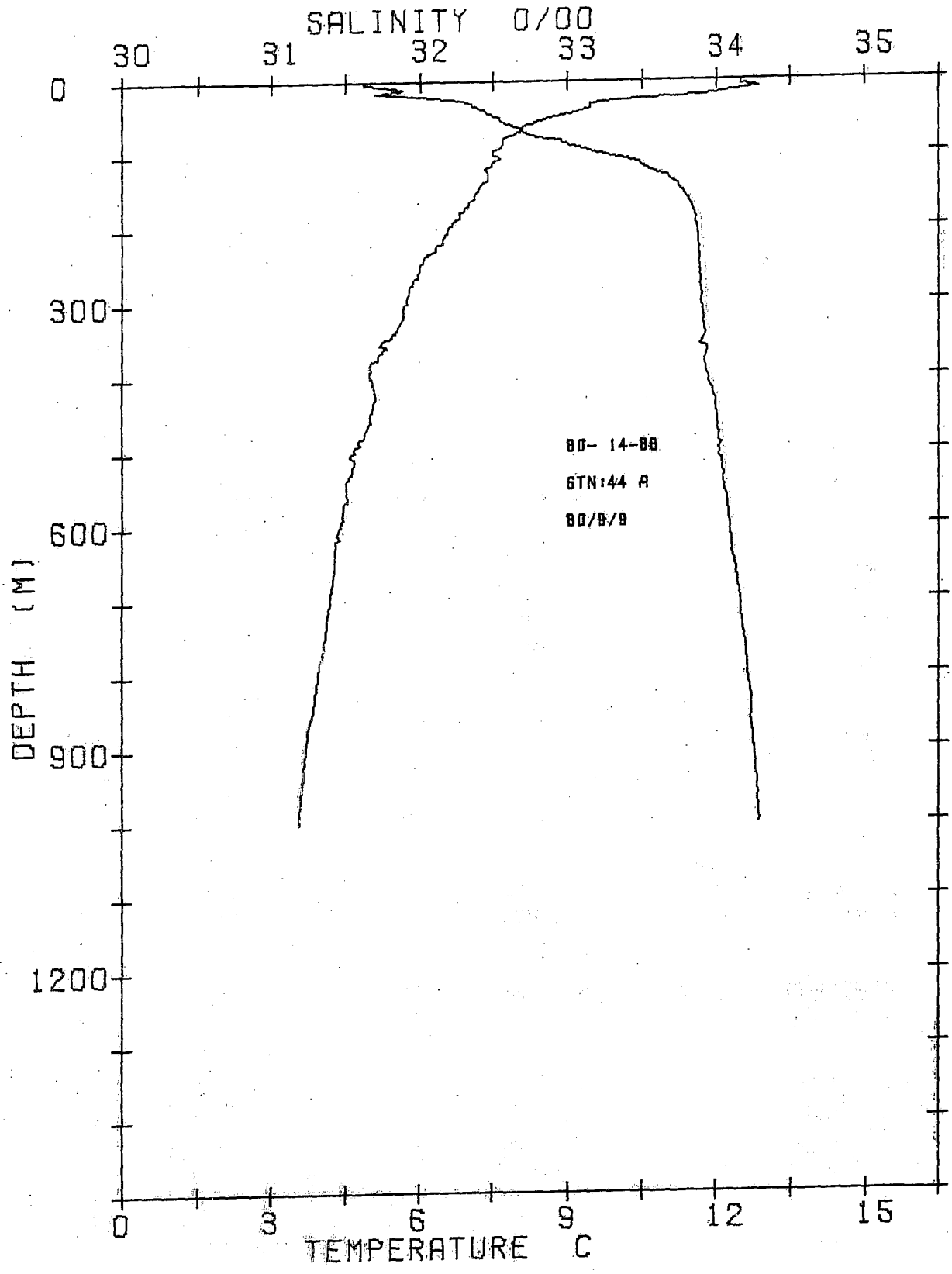
CRUISE : C.O.D.E. 80-14.
STATION: 44 CONS #085
LAT N 49 51.5 LONG W 128 20.5
DATE 80/09/08 TIME (PST) 2350

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.96	31.91	23.83	407.8	.00	.00	1500.2
10	13.96	31.91	23.83	407.9	.41	.02	1500.4
20	13.80	31.89	23.85	406.5	.82	.08	1500.0
30	10.34	32.49	24.96	300.6	1.20	.18	1488.9
50	9.05	32.52	25.20	278.8	1.77	.40	1484.5
75	8.02	32.72	25.50	250.0	2.44	.82	1481.3
100	7.65	33.13	25.88	214.6	3.02	1.32	1480.8
125	7.09	33.49	26.25	180.1	3.51	1.88	1479.5
150	6.92	33.70	26.43	162.8	3.94	2.46	1479.5
175	6.79	33.82	26.54	152.7	4.33	3.10	1479.5
200	6.60	33.86	26.60	147.7	4.71	3.81	1479.2
225	6.27	33.87	26.65	143.2	5.07	4.58	1478.3
250	6.06	33.87	26.68	140.4	5.42	5.42	1477.9
300	5.67	33.88	26.73	135.4	6.11	7.31	1477.1
400	5.23	33.95	26.84	125.9	7.42	11.86	1477.1
500	4.79	34.03	26.95	116.2	8.62	17.28	1477.0
600	4.42	34.11	27.06	106.8	9.73	23.38	1477.2
800	3.89	34.22	27.20	94.5	11.73	37.31	1478.4
1000	3.48	34.30	27.31	84.8	13.52	53.43	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1005.1	3.48	34.31	27.31	84.8	13.57	53.87	1480.2

WIND MIXED LAYER DEPTH = 24.9 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-88
STN:44 A
80/9/9
0
3
6
9
12
15
TEMPERATURE C

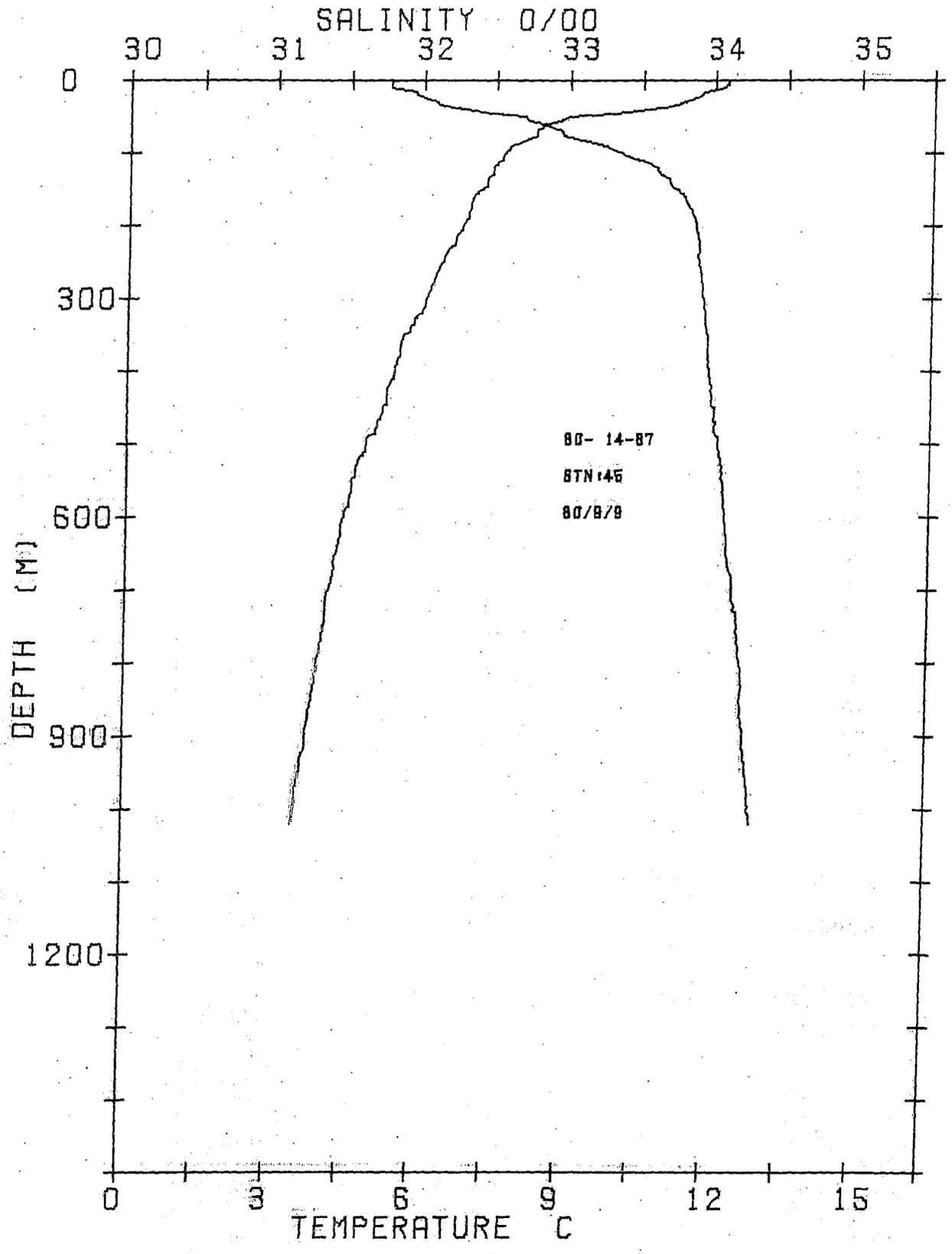
CRUISE : C.O.D.E. 80-14.
STATION: 44 A CONS #086
LAT N 49 54.3 LONG W 128 16.5
DATE 80/09/09 TIME (PST) 0052

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.55	31.64	23.90	401.3	.00	.00	1495.1
10	12.88	31.88	24.02	389.9	.40	.02	1496.7
20	11.75	31.98	24.31	362.6	.78	.08	1493.1
30	9.46	32.35	25.00	297.1	1.10	.16	1485.5
50	8.66	32.54	25.27	271.6	1.67	.38	1483.0
75	7.78	32.80	25.60	240.4	2.31	.78	1480.4
100	7.50	33.26	26.01	202.6	2.86	1.26	1480.4
125	7.39	33.62	26.30	175.0	3.33	1.79	1480.8
150	7.19	33.78	26.45	160.7	3.75	2.36	1480.6
175	6.91	33.85	26.55	151.6	4.14	2.99	1480.0
200	6.61	33.87	26.61	146.6	4.51	3.69	1479.3
225	6.33	33.89	26.66	142.4	4.87	4.46	1478.6
250	6.01	33.89	26.70	138.4	5.22	5.29	1477.7
300	5.73	33.90	26.75	134.5	5.90	7.17	1477.4
400	4.97	33.95	26.87	123.2	7.20	11.67	1476.0
500	4.68	34.03	26.97	114.5	8.39	17.04	1476.6
600	4.40	34.10	27.06	106.9	9.50	23.14	1477.1
800	3.96	34.21	27.19	95.6	11.52	37.27	1478.7
1000	3.56	34.29	27.29	86.6	13.33	53.52	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.0	3.56	34.29	27.29	86.6	13.33	53.52	1480.4

WIND MIXED LAYER DEPTH = 14.4 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-87
STN:46
80/8/8
0
3
6
9
12
15
TEMPERATURE C

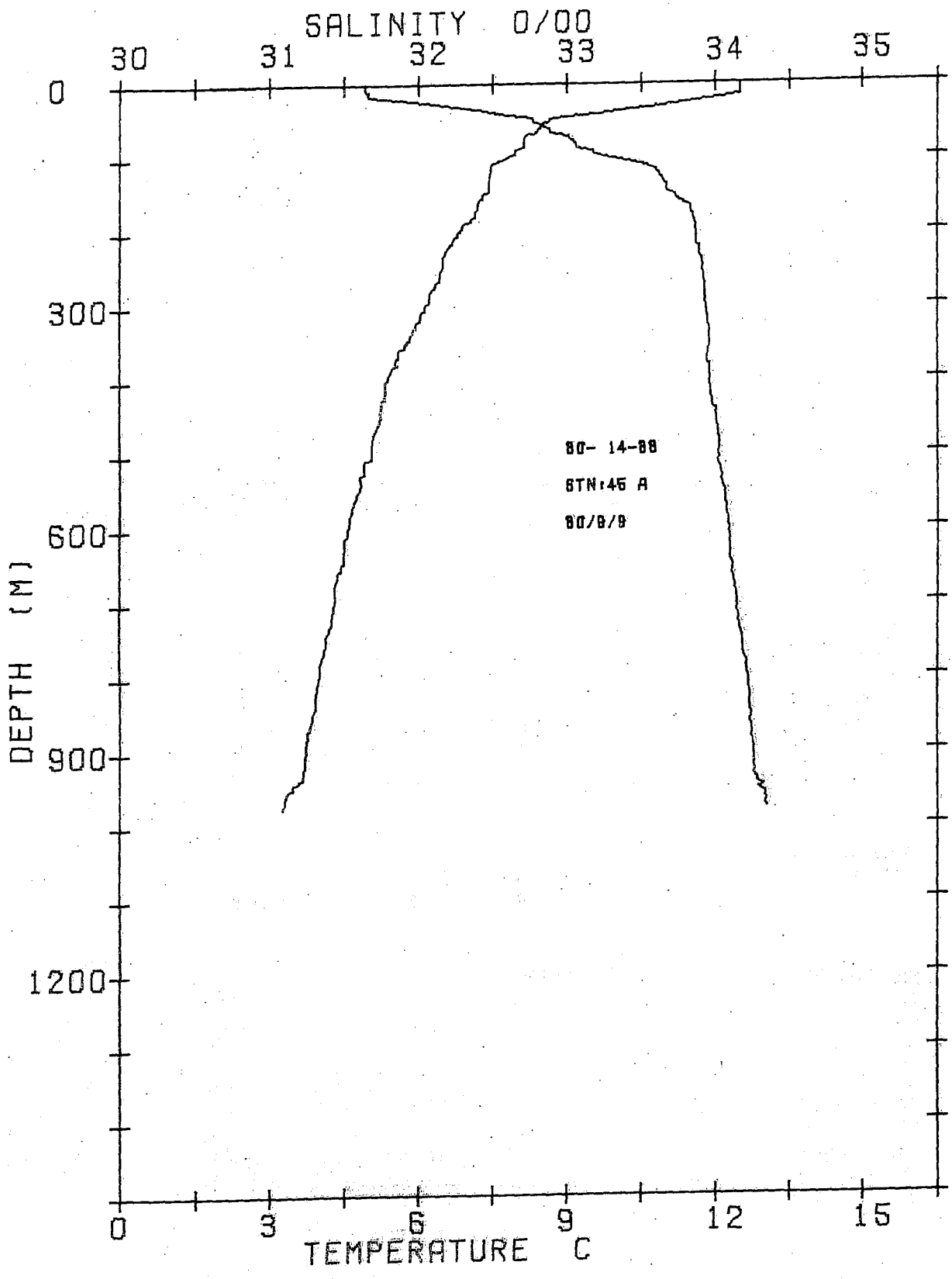
CRUISE : C.O.D.E. 80-14.
STATION: 45 CONS #087
LAT N 49 57.0 LONG W 128 12.5
DATE 80/09/09 TIME (PST) 0154

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.28	31.77	24.05	386.7	.00	.00	1494.4
10	12.21	31.77	24.07	385.3	.39	.02	1494.3
20	11.74	31.95	24.30	364.0	.76	.07	1493.1
30	11.38	32.09	24.47	348.2	1.11	.16	1492.1
50	8.99	32.70	25.34	265.1	1.74	.41	1484.5
75	8.33	32.97	25.65	235.6	2.36	.80	1482.7
100	7.70	33.36	26.06	197.9	2.90	1.27	1481.3
125	7.47	33.61	26.29	176.2	3.36	1.78	1481.1
150	7.22	33.75	26.43	163.1	3.79	2.37	1480.7
175	7.01	33.84	26.53	154.3	4.18	3.01	1480.4
200	6.87	33.88	26.58	149.3	4.56	3.72	1480.3
225	6.69	33.90	26.62	146.1	4.93	4.50	1480.1
250	6.45	33.90	26.65	143.2	5.29	5.36	1479.5
300	6.12	33.94	26.72	136.9	5.99	7.28	1479.0
400	5.48	33.98	26.84	126.7	7.30	11.86	1478.1
500	4.93	34.05	26.95	116.5	8.52	17.35	1477.6
600	4.47	34.10	27.05	107.8	9.64	23.48	1477.4
800	3.97	34.22	27.19	95.1	11.66	37.61	1478.8
1000	3.54	34.29	27.30	86.3	13.48	53.95	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1020.1	3.49	34.31	27.31	84.8	13.65	55.68	1480.5

WIND MIXED LAYER DEPTH = 15.5 METRES


SALINITY O/OO
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-88
STN:45 A
80/9/9
0
3
6
9
12
15
TEMPERATURE C

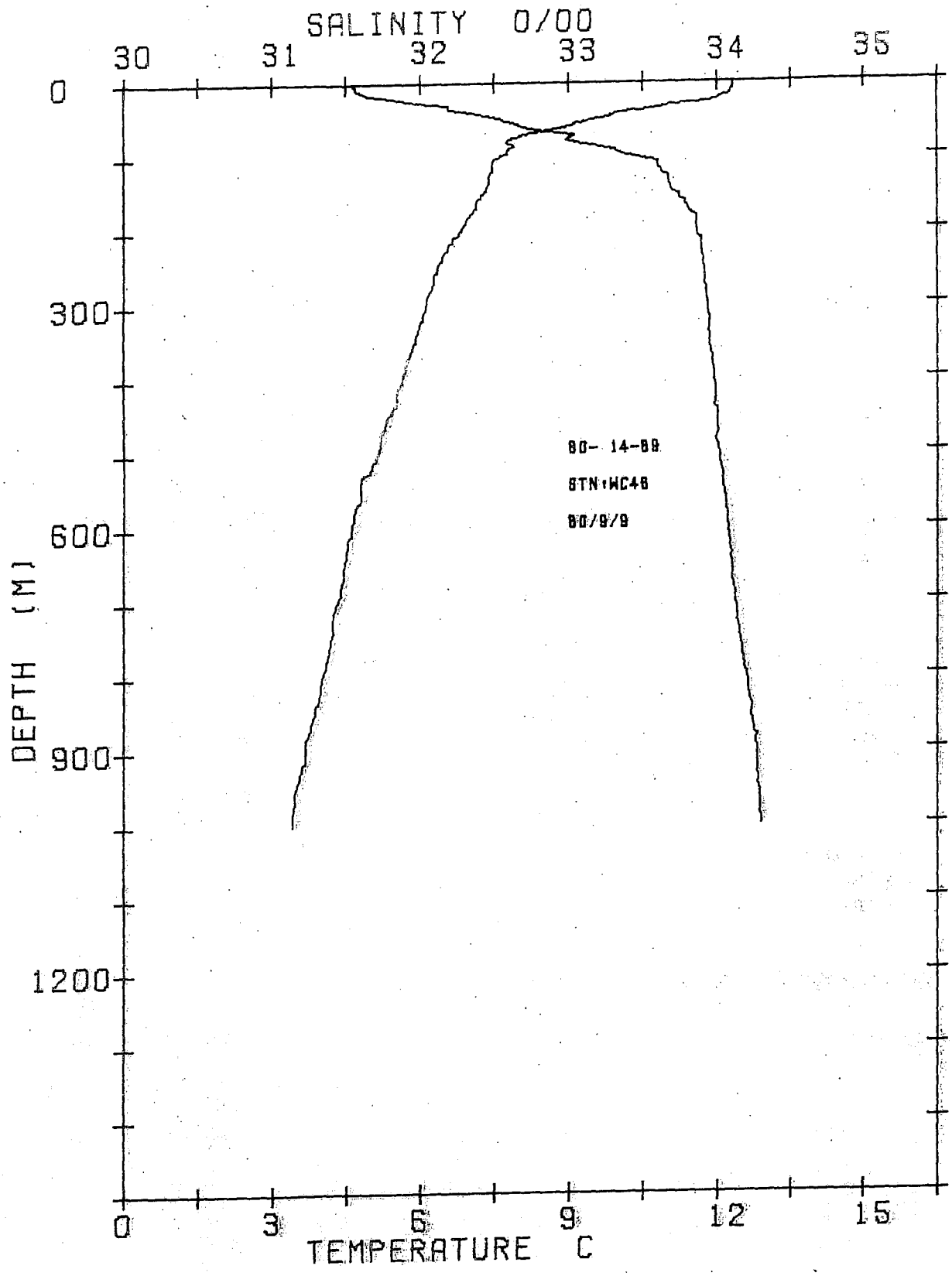
CRUISE : C.O.D.E. 80-14.
STATION: 45 A CONS #088
LAT N 49 59.1 LONG W 128 08.5
DATE 80/09/09 TIME (PST) 0303

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.50	31.64	23.92	399.9	.00	.00	1495.0
10	12.51	31.66	23.93	398.9	.40	.02	1495.2
20	12.13	31.88	24.17	376.5	.79	.08	1494.3
30	10.93	32.25	24.67	328.4	1.14	.17	1490.7
50	8.65	32.78	25.46	253.8	1.71	.39	1483.3
75	8.17	33.03	25.73	228.3	2.31	.76	1482.2
100	7.80	33.31	26.00	203.2	2.86	1.24	1481.6
125	7.45	33.64	26.31	174.4	3.32	1.75	1481.1
150	7.31	33.73	26.40	166.1	3.74	2.34	1481.0
175	7.17	33.85	26.51	155.7	4.14	2.99	1481.0
200	6.84	33.87	26.57	150.1	4.53	3.71	1480.2
225	6.57	33.89	26.63	144.9	4.90	4.49	1479.5
250	6.49	33.91	26.65	143.0	5.25	5.35	1479.7
300	6.17	33.94	26.72	137.4	5.95	7.27	1479.2
400	5.36	33.96	26.84	126.8	7.27	11.88	1477.6
500	5.06	34.02	26.92	119.7	8.50	17.39	1478.1
600	4.60	34.10	27.03	109.9	9.64	23.66	1477.9
800	3.99	34.22	27.19	95.6	11.71	38.12	1478.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
975.6	3.28	34.35	27.37	79.0	13.29	52.11	1478.9

WIND MIXED LAYER DEPTH = 16.9 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-88
STN:WC46
80/9/9
0
3
6
9
12
15
TEMPERATURE C

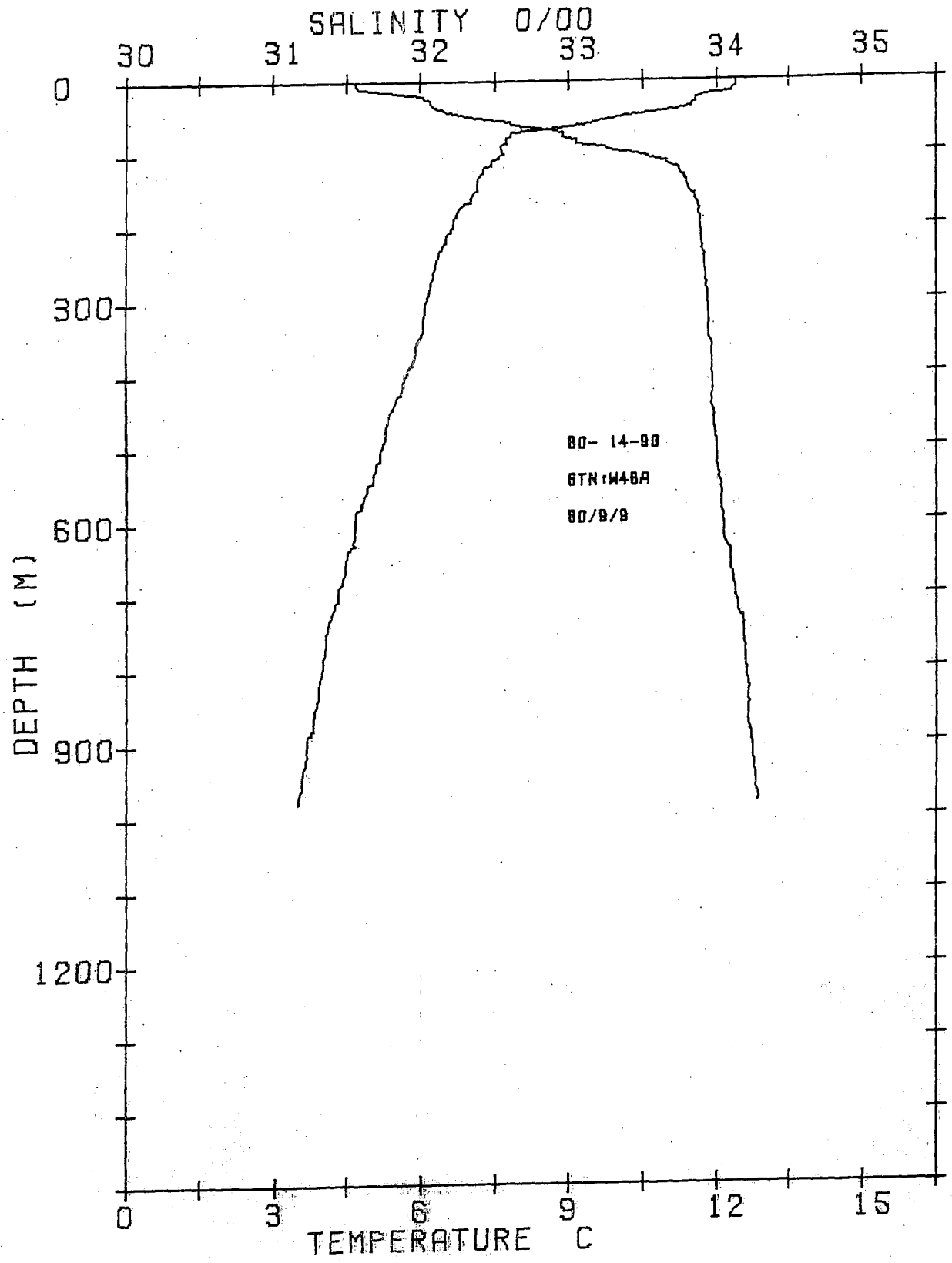
CRUISE : C.O.D.E. 80-14.
STATION: WC46 CONS #089
LAT N 50 01.5 LONG W 128 05.5
DATE 80/09/09 TIME (PST) 0405

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.34	31.55	23.87	404.0	.00	.00	1494.3
10	12.33	31.59	23.91	400.7	.40	.02	1494.5
20	12.09	31.81	24.12	380.8	.80	.08	1494.1
30	11.12	32.19	24.59	336.2	1.16	.17	1491.3
50	9.49	32.56	25.16	282.5	1.78	.41	1486.2
75	7.85	33.00	25.75	226.8	2.41	.81	1481.0
100	7.63	33.46	26.14	189.7	2.93	1.26	1481.1
125	7.43	33.66	26.33	171.9	3.37	1.76	1481.0
150	7.28	33.74	26.41	164.8	3.80	2.34	1480.9
175	7.07	33.83	26.51	155.5	4.20	2.99	1480.6
200	6.85	33.87	26.57	150.2	4.58	3.70	1480.2
225	6.57	33.90	26.64	144.4	4.94	4.48	1479.6
250	6.37	33.92	26.67	140.9	5.30	5.33	1479.2
300	6.13	33.94	26.72	136.9	5.99	7.24	1479.1
400	5.66	33.98	26.82	128.9	7.33	11.89	1478.9
500	5.17	34.02	26.90	121.5	8.58	17.52	1478.6
600	4.64	34.08	27.01	111.9	9.74	23.88	1478.1
800	4.02	34.20	27.17	97.1	11.84	38.60	1479.0
1000	3.38	34.30	27.31	84.2	13.64	54.69	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.38	34.30	27.31	84.2	13.64	54.70	1479.7

WIND MIXED LAYER DEPTH = 15.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-80
6TN rW46A
80/9/9
0
3
6
9
12
15
TEMPERATURE C

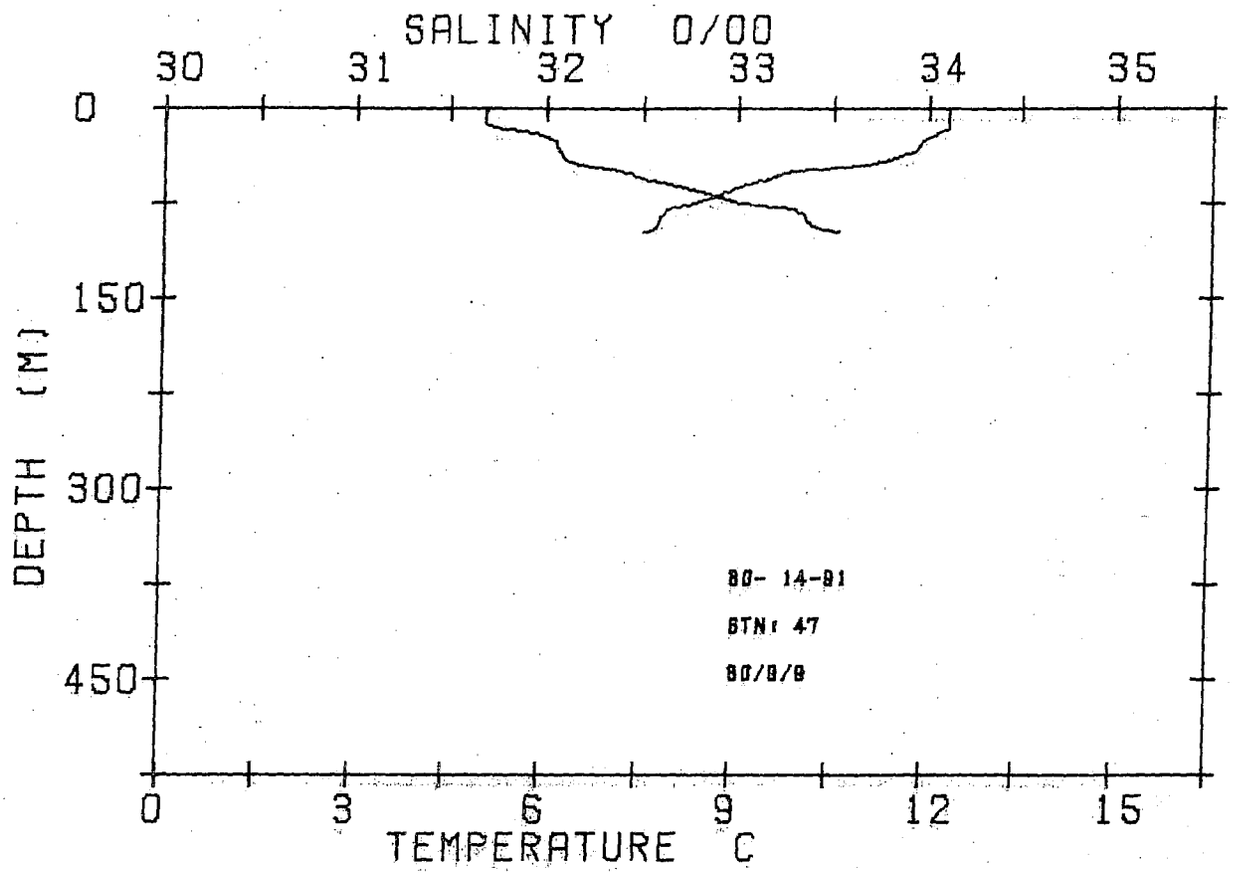
CRUISE : C.O.D.E. 80-14.
STATION: W46A CONS #090
LAT N 50 03.8 LONG W 128 02.0
DATE 80/09/09 TIME (PST) 0509

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.38	31.56	23.88	403.5	.00	.00	1494.5
10	12.39	31.60	23.90	401.3	.40	.02	1494.7
20	11.70	32.02	24.36	358.3	.78	.08	1493.0
30	11.54	32.07	24.43	352.0	1.14	.17	1492.7
50	10.07	32.38	24.92	305.1	1.81	.43	1488.1
75	7.81	32.97	25.74	227.8	2.46	.83	1480.8
100	7.64	33.46	26.14	189.7	2.98	1.29	1481.1
125	7.25	33.75	26.42	163.1	3.42	1.78	1480.4
150	7.13	33.81	26.49	157.3	3.82	2.33	1480.4
175	6.78	33.88	26.59	148.4	4.20	2.95	1479.6
200	6.66	33.88	26.61	146.6	4.57	3.64	1479.5
225	6.44	33.90	26.65	143.0	4.93	4.41	1479.1
250	6.31	33.91	26.68	140.5	5.28	5.25	1479.0
300	6.12	33.93	26.72	137.1	5.98	7.16	1479.1
400	5.74	33.97	26.79	131.1	7.32	11.87	1479.2
500	5.23	34.00	26.88	123.7	8.60	17.59	1478.8
600	4.70	34.05	26.98	114.8	9.79	24.14	1478.3
800	4.00	34.21	27.18	96.4	11.88	38.72	1478.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
980.1	3.47	34.28	27.29	86.2	13.53	53.38	1479.7

WIND MIXED LAYER DEPTH = 15.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-91
STN: 47
80/9/9
0
3
6
9
12
15
TEMPERATURE C

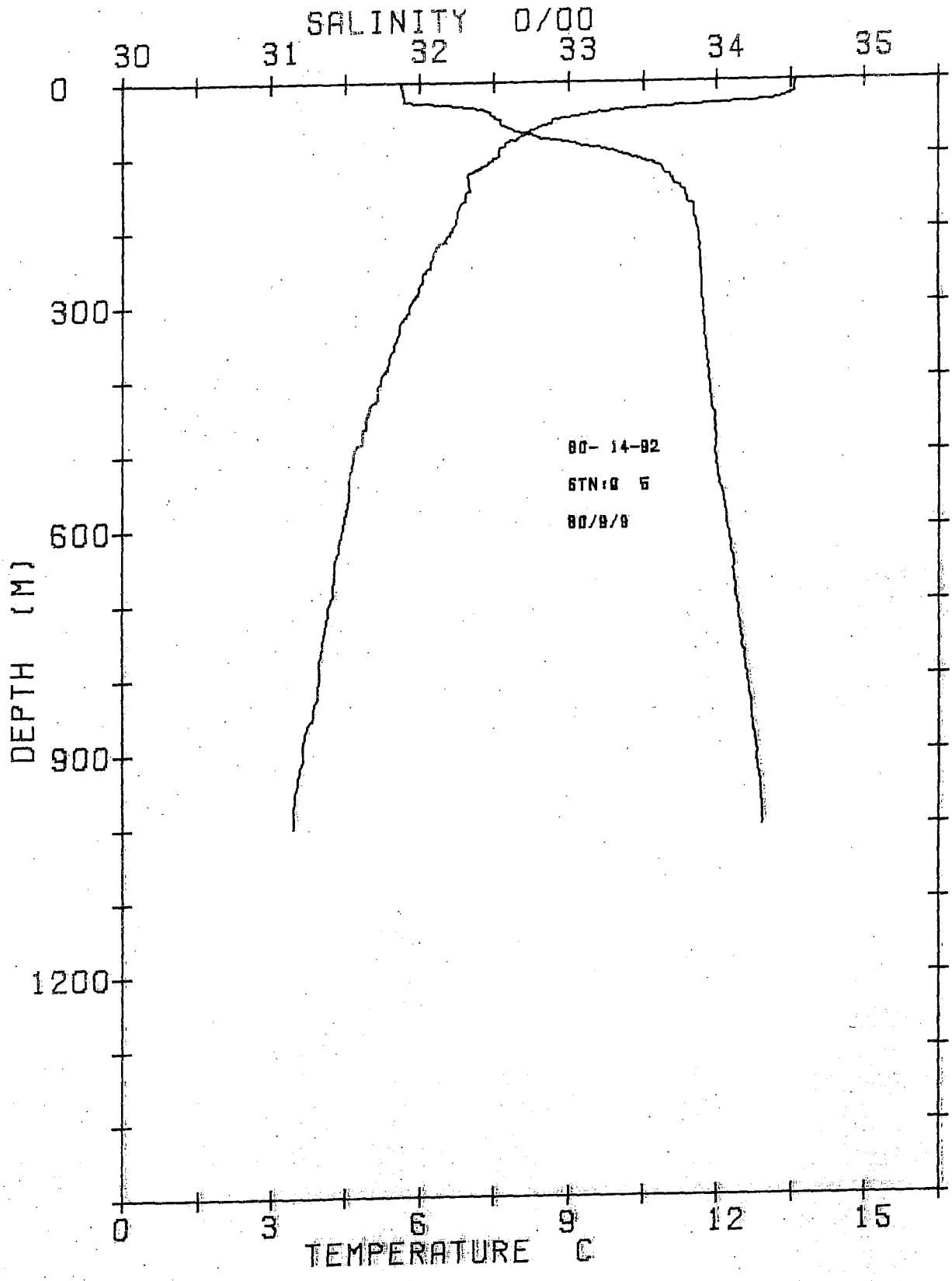
CRUISE : C.O.D.E. 80-14.
STATION: 47 CONS #091
LAT N 50 06.0 LONG W 127 58.0
DATE 80/09/09 TIME (PST) 0609

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.31	31.69	23.99	393.1	.00	.00	1494.4
10	12.31	31.68	23.98	394.0	.39	.02	1494.5
20	12.14	31.94	24.21	372.1	.78	.08	1494.4
30	11.82	32.06	24.36	358.1	1.14	.17	1493.6
50	9.85	32.39	24.96	301.0	1.83	.44	1487.3
75	8.30	33.02	25.70	231.3	2.49	.85	1482.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
98.2	7.52	33.53	26.22	182.5	2.96	1.25	1480.8

WIND MIXED LAYER DEPTH = 15.5 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-92
STN:0 5
80/9/9
0
3
6
9
12
15
TEMPERATURE C

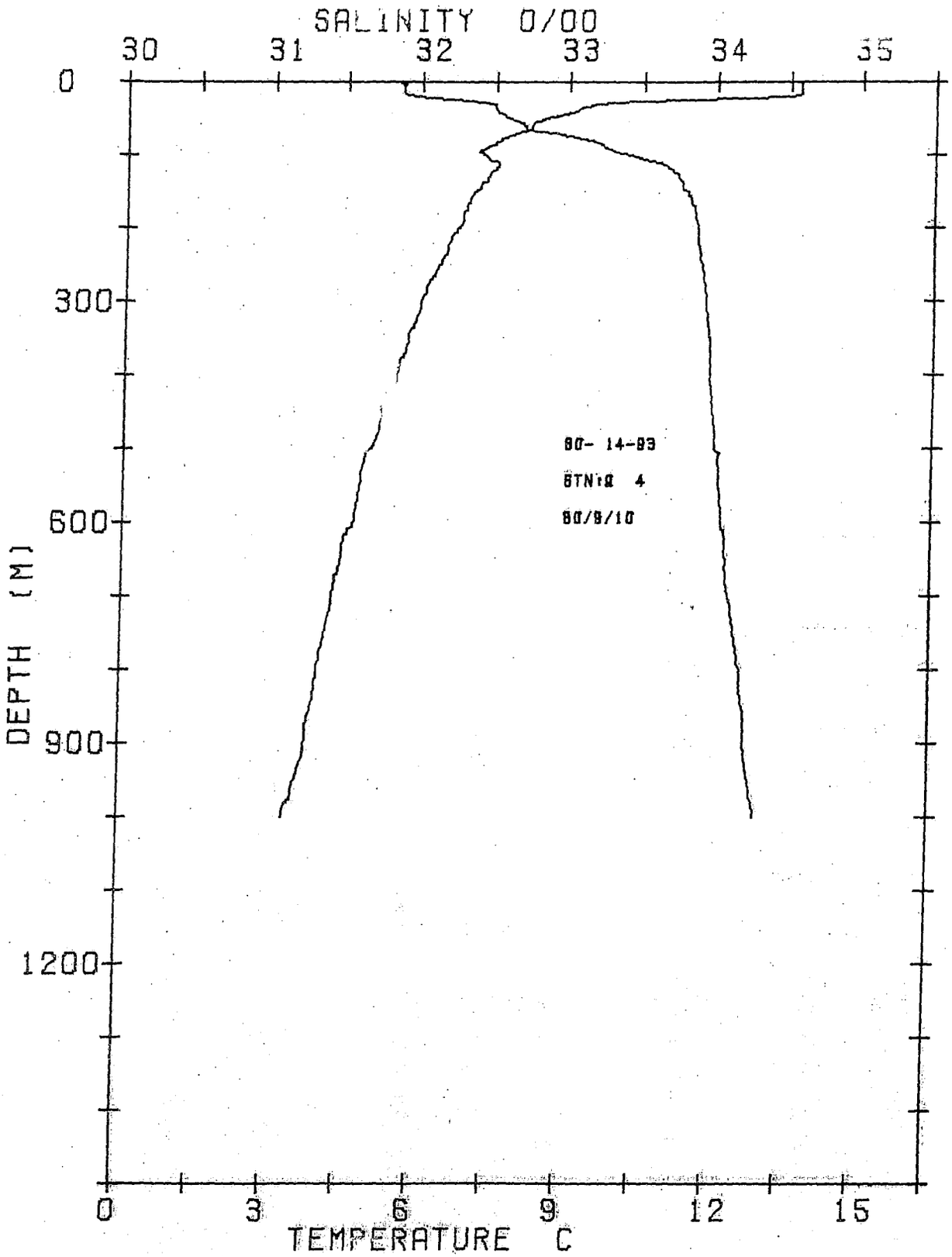
CRUISE : C.O.D.E. 80-14.
STATION: Q 5 CONS #092
LAT N 50 08.0 LONG W 128 25.0
DATE 80/09/09 TIME (PST) 2335

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.58	31.87	23.88	403.4	.00	.00	1498.9
10	13.57	31.89	23.90	402.1	.40	.02	1499.1
20	13.46	31.90	23.93	399.5	.80	.08	1498.9
30	12.03	32.17	24.41	353.4	1.19	.18	1494.5
50	8.73	32.54	25.26	272.6	1.79	.41	1483.3
75	8.02	32.83	25.59	241.3	2.44	.82	1481.4
100	7.59	33.41	26.11	192.6	2.97	1.28	1480.9
125	6.97	33.68	26.41	164.8	3.41	1.77	1479.2
150	6.96	33.79	26.50	156.6	3.81	2.33	1479.8
175	6.79	33.85	26.57	150.5	4.19	2.95	1479.6
200	6.65	33.88	26.60	147.0	4.57	3.65	1479.5
225	6.34	33.88	26.65	142.7	4.93	4.42	1478.6
250	6.20	33.89	26.68	140.6	5.28	5.26	1478.5
300	5.83	33.91	26.74	135.4	5.97	7.15	1477.8
400	5.23	33.95	26.84	125.9	7.28	11.72	1477.1
500	4.69	33.99	26.94	117.5	8.49	17.17	1476.6
600	4.46	34.08	27.03	109.6	9.63	23.42	1477.3
800	3.98	34.21	27.18	96.1	11.68	37.73	1478.8
1000	3.45	34.31	27.32	83.8	13.46	53.69	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.0	3.45	34.31	27.32	83.8	13.46	53.69	1480.0

WIND MIXED LAYER DEPTH = 20.0 METRES


SALINITY 0/00
30
31
32
33
34
35
0
300
600
900
1200
DEPTH (M)
80- 14-83
STN:0 4
80/9/10
0
3
6
9
12
15
TEMPERATURE C

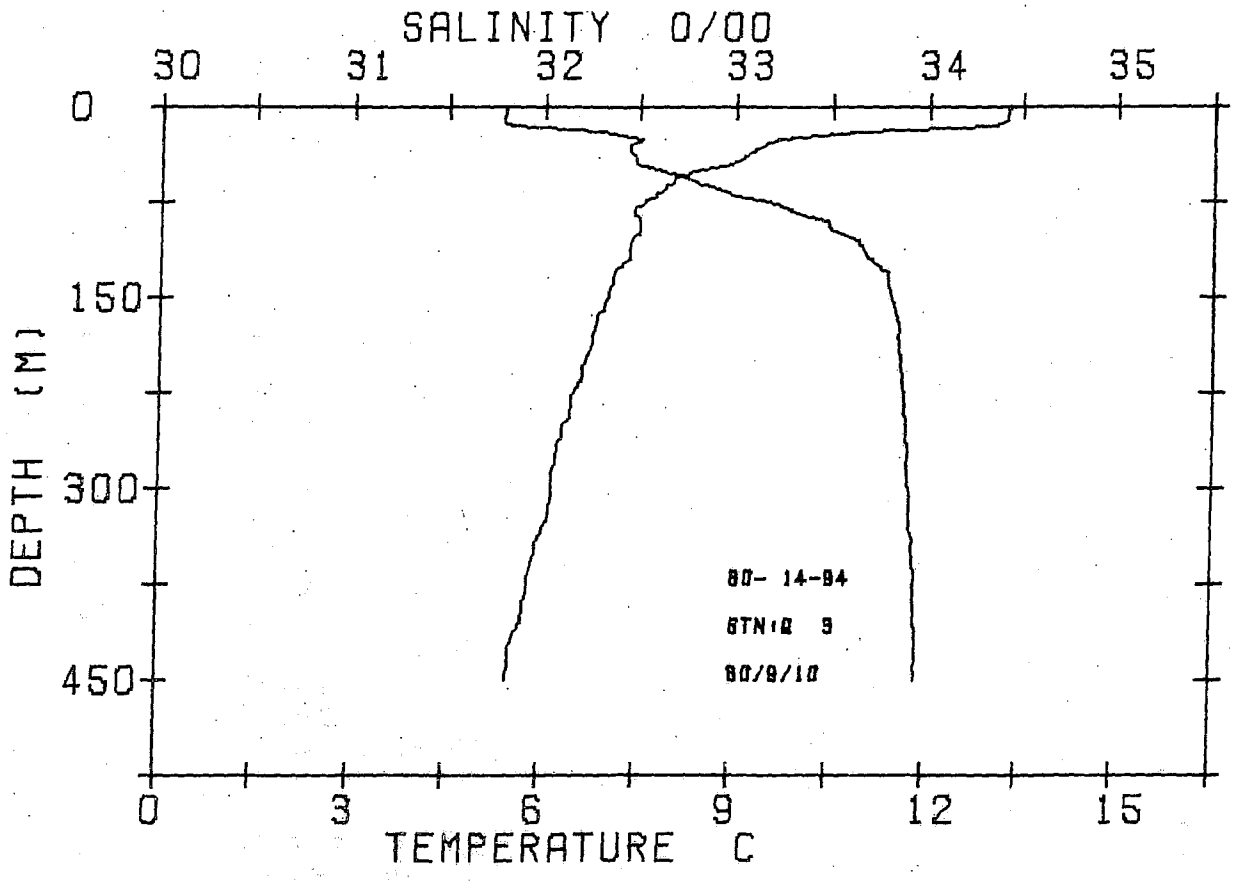
CRUISE : C.O.D.E. 80-14.
STATION: Q 4 CONS #093
LAT N 50 12.0 LONG W 128 19.5
DATE 80/09/10 TIME (PST) 0044

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.72	31.88	23.86	405.5	.00	.00	1499.4
10	13.71	31.87	23.86	405.7	.41	.02	1499.5
20	13.57	31.95	23.94	397.8	.81	.08	1499.3
30	9.57	32.48	25.08	289.3	1.14	.16	1486.1
50	8.54	32.60	25.33	265.9	1.70	.38	1482.7
75	7.74	33.04	25.80	221.7	2.32	.77	1480.6
100	7.25	33.42	26.17	187.4	2.82	1.21	1479.6
125	7.42	33.73	26.39	166.8	3.27	1.71	1481.1
150	7.12	33.79	26.48	158.5	3.67	2.27	1480.4
175	6.92	33.85	26.55	151.9	4.06	2.89	1480.1
200	6.78	33.88	26.59	148.2	4.43	3.60	1479.9
225	6.58	33.89	26.63	145.2	4.80	4.38	1479.6
250	6.41	33.91	26.66	142.2	5.16	5.23	1479.4
300	6.04	33.94	26.73	135.8	5.86	7.14	1478.7
400	5.56	33.97	26.82	128.3	7.17	11.74	1478.5
500	5.04	34.01	26.91	120.3	8.41	17.32	1478.0
600	4.72	34.06	26.99	114.1	9.57	23.70	1478.4
800	4.02	34.21	27.18	96.8	11.68	38.37	1479.0
1000	3.34	34.32	27.33	82.4	13.50	54.71	1479.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.1	3.34	34.32	27.33	82.4	13.50	54.72	1479.5

WIND MIXED LAYER DEPTH = 19.7 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-94
STN:Q 9
80/9/10
0
3
6
9
12
15
TEMPERATURE C

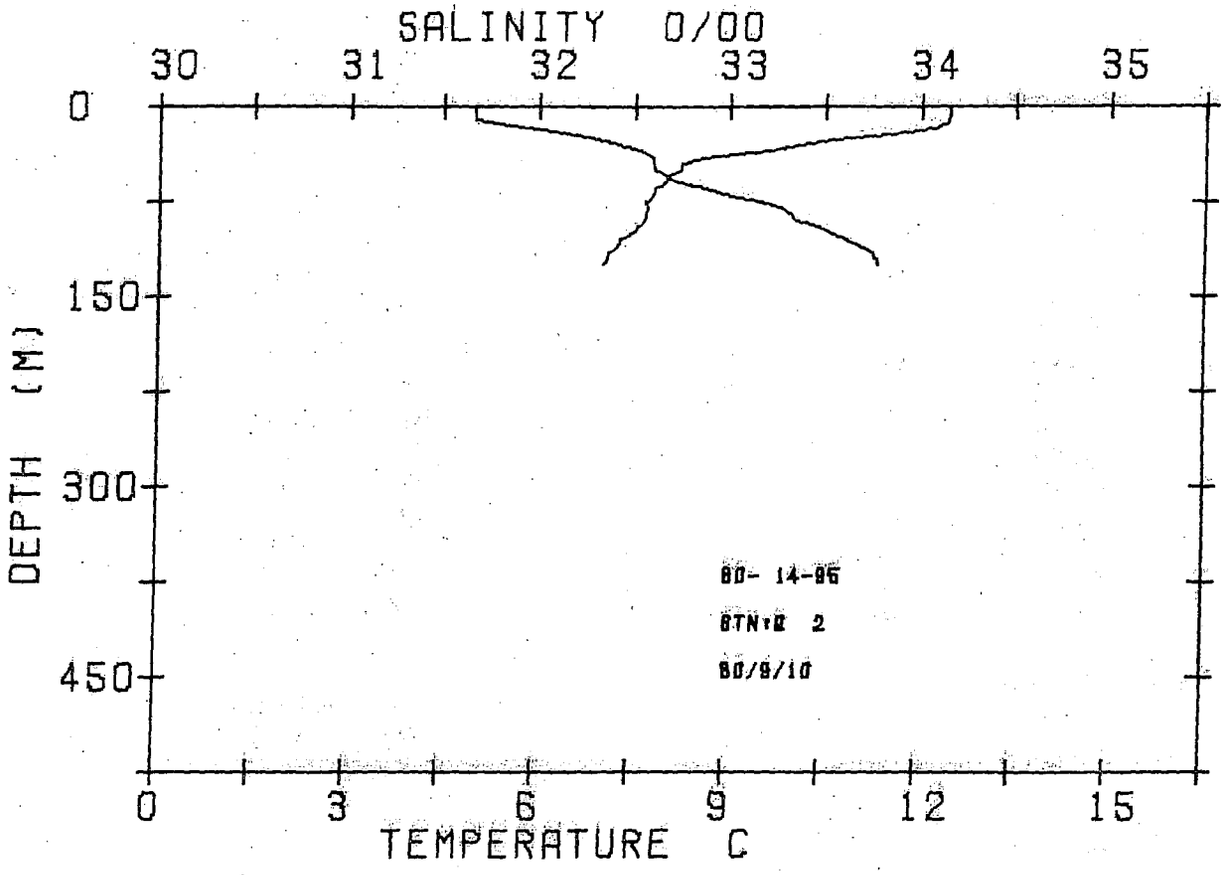
CRUISE : C.O.D.E. 80-14.
STATION: Q 3 CONS #094
LAT N 50 15.5 LONG W 128 14.0
DATE 80/09/10 TIME (PST) 0152

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	13.28	31.80	23.89	402.9	.00	.00	1497.8
10	13.24	31.78	23.88	403.5	.40	.02	1497.8
20	10.93	32.31	24.72	323.7	.78	.08	1490.6
30	9.45	32.45	25.07	290.1	1.08	.15	1485.6
50	8.42	32.62	25.37	262.5	1.65	.38	1482.2
75	7.59	33.18	25.93	209.6	2.24	.74	1480.2
100	7.51	33.56	26.24	180.5	2.72	1.16	1480.8
125	7.24	33.75	26.43	163.0	3.15	1.64	1480.4
150	7.04	33.82	26.51	155.7	3.54	2.19	1480.1
175	6.85	33.86	26.56	150.8	3.92	2.80	1479.8
200	6.70	33.87	26.60	147.9	4.30	3.51	1479.6
225	6.52	33.89	26.63	144.7	4.66	4.29	1479.3
250	6.35	33.90	26.66	142.1	5.02	5.14	1479.1
300	6.18	33.92	26.70	139.1	5.73	7.07	1479.2
400	5.74	33.95	26.78	132.3	7.08	11.81	1479.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
450.3	5.48	33.96	26.82	128.7	7.74	14.59	1478.9

WIND MIXED LAYER DEPTH = 14.1 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-05
STN:0 2
80/9/10
0
3
6
9
12
15
TEMPERATURE C

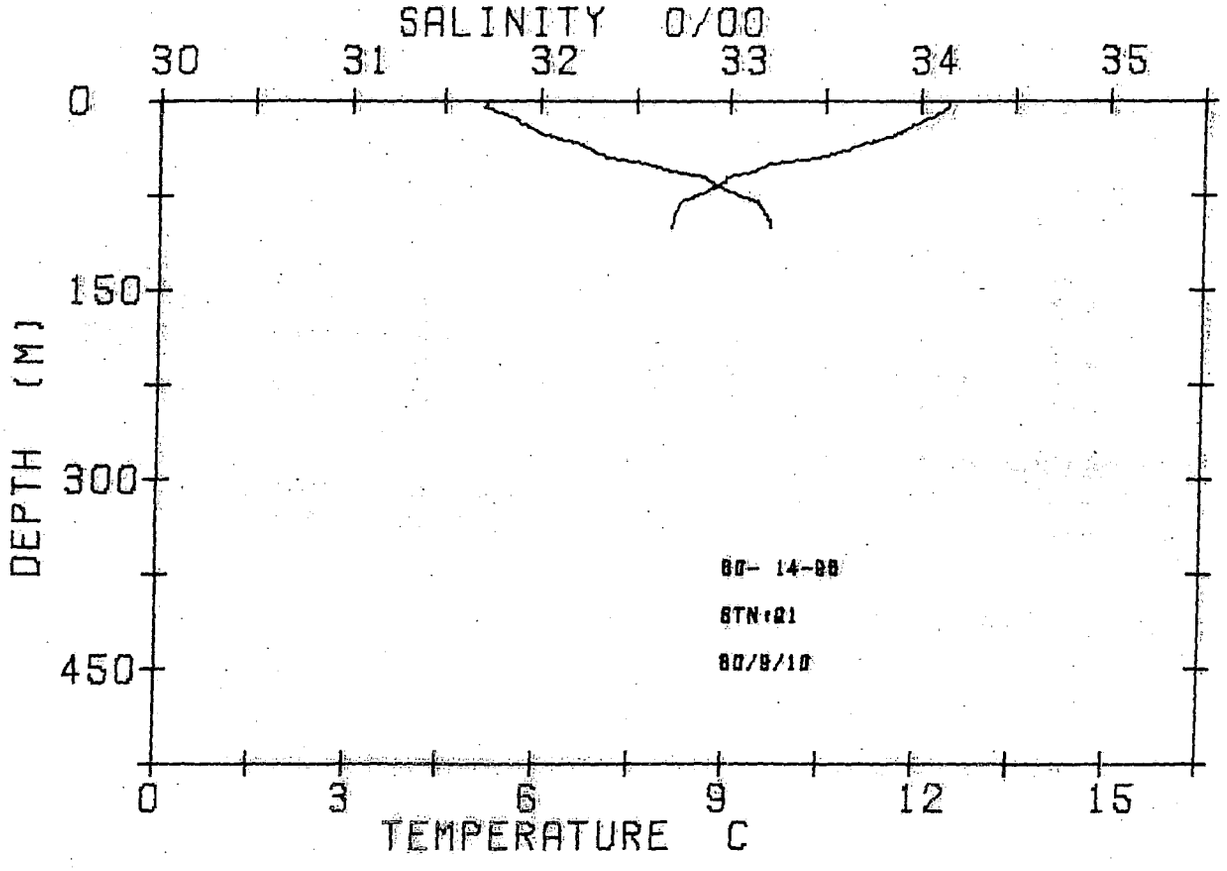
CRUISE : C.O.D.E. 80-14.
STATION: Q 2 CONS #095
LAT N 50 19.0 LONG W 128 08.5
DATE 80/09/10 TIME (PST) 0243

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.44	31.66	23.94	397.6	.00	.00	1494.8
10	12.43	31.66	23.94	397.7	.40	.02	1494.9
20	11.75	32.08	24.39	355.0	.78	.08	1493.3
30	10.05	32.41	24.95	301.9	1.10	.16	1487.8
50	8.21	32.61	25.39	260.3	1.65	.37	1481.4
75	7.68	33.17	25.91	211.4	2.25	.74	1480.5
100	7.45	33.55	26.23	180.8	2.74	1.17	1480.5
125	7.01	33.78	26.48	157.8	3.15	1.64	1479.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
125.0	7.01	33.78	26.48	157.8	3.15	1.64	1479.5

WIND MIXED LAYER DEPTH = 14.2 METRES


SALINITY 0/00
30
31
32
33
34
35
0
150
300
450
DEPTH (M)
80- 14-08
STN-Q1
80/9/10
0
3
6
9
12
15
TEMPERATURE C

CRUISE : C.O.D.E. 80-14.
STATION: Q1 CONS #096
LAT N 50 23.0 LONG W 128 03.0
DATE 80/09/10 TIME (PST) 0325

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.44	31.72	23.98	393.4	.00	.00	1494.9
10	12.28	31.82	24.09	383.2	.39	.02	1494.6
20	11.87	31.93	24.26	367.8	.77	.08	1493.5
30	11.41	32.10	24.47	347.4	1.12	.17	1492.3
50	9.67	32.55	25.12	286.0	1.77	.42	1486.8
75	8.51	33.06	25.70	231.5	2.40	.81	1483.5
100	8.11	33.22	25.89	214.0	2.95	1.29	1482.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
100.0	8.11	33.22	25.89	214.0	2.95	1.29	1482.7

WIND MIXED LAYER DEPTH = 7.5 METRES

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OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 2 DATE 3/ 9/80 GMT 22.8
POSITION 48-13.5 N, 123-35.0 W STATION JF10
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			5.210
20			4.790
30			4.760
50			4.560
100			3.290
125			3.270
150			3.240

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 11 DATE 4/ 9/80 GMT 13.6
POSITION 48-28.5 N, 124-39.0 W STATION JF2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			4.440
10			4.180
20			3.860
30			3.750
50			3.310
75			2.990
100			2.930
125			2.570
150			2.290
175			2.240
200			2.090
239			2.040

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 12 DATE 4/ 9/80 GMT 14.3
POSITION 48-30.5 N, 124-46.5 W STATION JF1
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
			4.410
0			3.960
10			3.680
20			3.480
30			3.140
50			3.020
75			3.230
100			2.800
125			2.300
150			2.150
175			2.090
200			1.980
250			

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 13 DATE 4/ 9/80 GMT 16.4
POSITION 48-15.0 N, 124-54.0 W STATION OE3
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
			7.980
0			5.670
10			4.040
20			4.050
30			3.930
50			3.320
75			2.890
87			

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 14 DATE 17/ 9/80 GMT 40.0
POSITION 48-15.0 N, 125- 1.0 W STATION OE4
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.440
10			4.540
30			3.970
50			2.610
75			2.040
100			1.870
125			1.870
150			1.920
175			2.000
200			1.930
250			1.910
342			1.910

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 15 DATE 4/ 9/80 GMT 18.2
POSITION 48-15.0 N, 125- 6.0 W STATION OE5
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.900
10			5.970
20			3.880
30			3.090
50			2.810
75			2.390
100			2.150
115			2.150

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 16 DATE 4/ 9/80 GMT 19.0
POSITION 48-15.0 N, 125-12.5 W STATION DE6
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.210
10			5.420
20			3.670
30			3.000
50			2.230
75			1.990
100			1.990
125			1.850
150			1.840
175			1.870
200			1.850
225			1.830

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 18 DATE 4/ 9/80 GMT 20.0
POSITION 48-15.0 N, 125-20.0 W STATION DE7
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.550
10			4.100
20			3.200
30			3.080
50			2.580
75			1.850
95			1.970

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 19 DATE 4/ 9/80 GMT 23.1
POSITION 48- 8.5 N, 126- .0 W STATION 111
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.210
10			6.190
30			5.940
50			5.060
75			4.190
100			3.350
150			2.380
200			2.070
350			1.500
500			1.180
750			.560
1000			.680

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 20 DATE 5/ 9/80 GMT 1.0
POSITION 48-12.9 N, 125-52.0 W STATION 109
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.287	6.040
10		32.275	6.170
30		32.583	5.910
50		32.858	5.120
75		33.222	4.270
100		33.712	3.220
150		33.898	2.470
200		33.949	2.230
250		33.988	2.060
350		34.033	1.620
500		34.074	1.280
512		34.076	1.250

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 21 DATE 5/ 9/80 GMT 2.5
POSITION 48-18.6 N, 125-41.2 W STATION 107
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.910
10			5.480
20			3.850
30			3.640
50			2.470
75			2.030
100			1.430
125			1.720
150			1.910
156			1.890

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 22 DATE 5/ 9/80 GMT 4.1
POSITION 48-25.5 N, 125-28.3 W STATION 105
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.050
10			5.470
20			3.390
30			2.760
50			2.230
75			1.700
100			1.550
125			1.360
129			1.410

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 23 DATE 5/ 9/80 GMT 5.7
POSITION 48-32.2 N, 125-15.5 W STATION 103
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.880
10			5.670
20			5.290
30			3.480
50			2.380
75			2.050
100			1.720
115			1.620

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 24 DATE 5/ 9/80 GMT 7.0
POSITION 48-39.0 N, 125- 2.5 W STATION 101
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			4.530
20			3.950
30			3.650
50			3.130

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 25 DATE 5/ 9/80 GMT 9.3
POSITION 48-41.0 N, 125-27.5 W STATION 93
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.700
10			6.650
20			4.710
30			3.990
50			3.080
75			2.910
100			2.660
125			2.520
150			2.200

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 26 DATE 5/ 9/80 GMT 10.2
POSITION 48-39.5 N, 125-39.0 W STATION 92
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.450
10			4.380
20			3.900
30			3.360
50			2.280
60			2.220

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 27 DATE 5/ 9/80 GMT 11.0
POSITION 48-37.0 N, 125-47.0 W STATION 91
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.830
10			5.690
20			3.730
30			3.640
50			2.360
65			2.370

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 28 DATE 5/ 9/80 GMT 11.8
POSITION 48-42.5 N, 125-47.0 W STATION 90
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.870
10			5.920
20			3.810
30			3.850
50			3.310
75			2.120
100			2.040
125			2.030
137			2.050

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 29 DATE 5/ 9/80 GMT 12.6
POSITION 48-48.0 N, 125-46.5 W STATION 89
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.150
10			5.110
20			4.700
30			3.720
50			2.580

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 30 DATE 5/ 9/80 GMT 13.3
POSITION 48-54.0 N, 125-46.0 W STATION 88
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.660
10			7.530
20			4.580
30			3.570
50			2.690
75			2.290
100			2.060

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 31 DATE 5/ 9/80 GMT 14.3
POSITION 49- .5 N, 125-55.0 W STATION 86
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.320
10			6.920
20			5.310
30			3.900
45			2.860

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 32 DATE 5/ 9/80 GMT 14.7
POSITION 48-58.0 N, 125-59.0 W STATION 85A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.460
10			5.800
20			4.410
30			3.480
45			2.800

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 33 DATE 5/ 9/80 GMT 15.3
POSITION 48-55.0 N, 126- 3.2 W STATION 85
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.410
10			6.370
20			6.030
30			4.630
50			3.740
70			2.920

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 34 DATE 5/ 9/80 GMT 16.0
POSITION 48-52.0 N, 126- 8.1 W STATION 84A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.140
10			5.800
20			5.960
30			5.210
50			4.430
75			3.200
94			2.510

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 35 DATE 5/ 9/80 GMT 16.7
POSITION 48-49.0 N, 126-13.0 W STATION 84
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.160
10			6.140
20			6.240
30			5.870
50			4.980
75			3.850
125			3.060
135			2.580

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 36 DATE 5/ 9/80 GMT 17.4
POSITION 48-46.1 N, 126-17.7 W STATION 83A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.100
10			6.110
20			5.970
30			5.910
50			5.330
75			4.350
100			3.530
125			2.990
150			2.510
170			1.830

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 37 DATE 5/ 9/80 GMT 18.2
POSITION 48-43.2 N, 126-22.5 W STATION 83
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.260
10			5.890
30			5.830
50			5.400
75			4.060
100			3.270
150			2.430
200			2.170
250			2.000
350			1.430
500			.930
725			.530

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 39 DATE 5/ 9/80 GMT 21.4
POSITION 48-31.2 N, 126-41.5 W STATION 81
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.150
10			6.270
30			5.540
50			5.130
75			3.930
100			3.600
150			3.050
200			2.490
350			1.420
500			.940
750			.600
1000			.560

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 43 DATE 6/ 9/80 GMT 3.7
POSITION 48-29.0 N, 127-19.0 W STATION 15
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.355	6.060
10		32.353	5.990
30		32.505	6.340
50		32.604	6.220
75		33.060	4.770
100		33.390	3.900
150		33.853	2.970
200		33.915	2.740
350		33.999	1.860
500		34.094	1.050
1480		34.505	.970

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 49 DATE 7/ 9/80 GMT 8.0
POSITION 48-59.0 N, 127-19.5 W STATION 21
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.790
10		32.189	6.260
30			6.130
50			6.310
75			5.960
100			5.180
150			3.550
200			2.800
350			1.800
500			1.050
1000		34.349	.660

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 50 DATE 7/ 9/80 GMT 9.6
POSITION 49- 1.8 N, 127-15.2 W STATION 21A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
30			5.970
50			6.290
75			5.600
100			4.540
150			3.800
200			3.120
350			1.680
500			1.010
750			.610
1000			.990

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 51 DATE 7/ 9/80 GMT 10.9
POSITION 49- 4.5 N, 127-11.0 W STATION 22
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.790
10			5.870
30			6.470
50			5.920
75			5.290
100			4.020
150			3.460
200			2.600
350			1.550
500			.960
750			.610
1000			.620

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 52 DATE 7/ 9/80 GMT 12.1
POSITION 49- 7.3 N, 127- 6.5 W STATION 22A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.620
10			5.880
30			6.480
50			5.860
75			4.370
100			3.610
150			3.150
200			2.700
350			1.760
500			1.070
750			.700
850			.570

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 53 DATE 7/ 9/80 GMT 13.0
POSITION 49-10.0 N, 127- 2.1 W STATION 23
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.300
10			5.750
20			5.570
50			4.110
100			3.220
125			3.060
150			2.790
175			2.670
200			2.590
350			1.710

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 54 DATE 7/ 9/80 GMT 13.8
POSITION 49-10.0 N, 127- 2.0 W STATION 23A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.550
10			5.830
20			3.700
30			3.150
50			2.750
75			2.950
100			2.690
125			2.230
150			1.910
175			1.850
180			1.800

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 55 DATE 7/ 9/80 GMT 14.5
POSITION 49-15.5 N, 126-53.0 W STATION 24
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.690
10			5.930
20			4.820
30			2.870
50			2.270
75			2.690
100			2.430
125			1.880
135			1.860

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 56 DATE 7/ 9/80 GMT 15.0
POSITION 49-18.2 N, 126-48.8 W STATION 24A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.740
10			5.980
20			3.900
30			3.030
50			2.890
75			2.970
100			2.480
120			2.350

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 57 DATE 7/ 9/80 GMT 15.7
POSITION 49-21.5 N, 126-44.5 W STATION 25
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.020
10			6.170
20			5.290
30			4.200
50			3.670
75			2.260
100			1.910

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 58 DATE 7/ 9/80 GMT 16.4
POSITION 49-23.0 N, 126-40.0 W STATION 25A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.910
10			5.740
20			4.490
30			3.800
40			3.500

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 59 DATE 7/ 9/80 GMT 17.6
POSITION 49-30.5 N, 126-51.5 W STATION 26
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.130
10			5.860
20			5.680
30			5.050
50			3.150
75			1.670

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 60 DATE 7/ 9/80 GMT 18.8
POSITION 49-36.0 N, 127- 1.0 W STATION 27
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.860
10			6.040
20			5.880
30			5.960
50			3.460
75			2.260
95			1.610

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 61 DATE 7/ 9/80 GMT 19.9
POSITION 49-40.5 N, 127-11.0 W STATION 28
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.950
30			5.360
50			5.500
75			2.040
100			1.780
115			1.770

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 62 DATE 7/ 9/80 GMT 21.1
POSITION 49-49.0 N, 127-15.0 W STATION 28A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.050
10			5.800
20			5.690
30			5.250
50			4.160

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 64 DATE 7/ 9/80 GMT 21.9
POSITION 49-46.1 N, 127-20.0 W STATION 29
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.650
10			5.840
20			4.840
30			3.270
50			2.980
75			1.990
85			1.960

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 65 DATE 7/ 9/80 GMT 22.7
POSITION 49-43.3 N, 127-24.5 W STATION 29A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.650
10			5.650
20			3.510
30			2.950
50			2.720
75			2.680
100			1.990

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 66 DATE 7/ 9/80 GMT 23.4
POSITION 49-40.5 N, 127-29.0 W STATION 30
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.650
10			5.600
30			2.830
50			2.760
75			3.640
100			2.550
150			2.110
200			2.090
250			2.060
350			1.660
500			1.240
580			.950

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 67 DATE 8/ 9/80 GMT .3
POSITION 49-37.5 N, 127-33.5 W STATION 30A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
			5.510
10			4.160
20			2.940
30			3.670
50			4.010
75			3.610
100			2.630
150			2.220
200			1.960
250			1.530
350			1.080
500			.730
740			

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 68 DATE 8/ 9/80 GMT 1.3
POSITION 49-34.5 N, 127-38.0 W STATION 31
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
			5.690
0			5.610
10			4.850
30			3.500
50			4.080
75			3.160
100			2.830
150			2.400
200			1.990
250			1.470
350			.980
500			.860
550			

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 69 DATE 8/ 9/80 GMT 2.2
POSITION 49-31.7 N, 127-42.3 W STATION 31A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.780
10			5.770
30			4.260
50			3.530
75			3.360
100			3.180
150			3.230
200			2.390
350			1.540
500			1.040
750			.660
940			.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 70 DATE 8/ 9/80 GMT 3.3
POSITION 49-29.0 N, 127-46.5 W STATION 32
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.560
10			5.790
30			3.900
50			3.770
75			3.230
100			3.040
150			3.090
200			2.600
350			1.470
500			.880
750			.540
1000			.580

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 71 DATE 8/ 9/80 GMT 5.4
POSITION 49-23.5 N, 127-55.0 W STATION 33
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.520
10			5.700
30			4.900
50			3.500
75			3.330
100			3.150
150			2.610
200			2.120
350			1.200
500			.830
750			.570
1000			.550

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 74 DATE 8/ 9/80 GMT 10.0
POSITION 49- 6.5 N, 128-21.0 W STATION 36
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.820
10			5.830
30			5.830
50			6.430
75			6.210
100			4.380
150			3.000
200			2.560
350			1.990
500			.980
750			.560
1000			.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 79 DATE 8/ 9/80 GMT 15.2
POSITION 49-18.5 N, 128-36.5 W STATION 38
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.550
10			5.790
30			5.830
50			6.020
75			6.500
100			5.820
150			3.600
200			2.960
350			2.050
500			1.030
750			.600
1500			.920

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 81 DATE 8/ 9/80 GMT 18.7
POSITION 49-31.5 N, 128-52.5 W STATION 40
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.850
10			5.830
30			5.810
50			5.960
75			6.420
100			5.670
150			3.730
200			3.310
350			2.150
500			1.190
750			.660
1000			.570

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 84 DATE 8/ 9/80 GMT 22.6
POSITION 49-47.0 N, 128-28.5 W STATION 43
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.710
10			5.930
30			5.750
50			6.490
75			6.220
100			5.580
150			4.160
200			3.430
350			2.050
500			1.090
750			.670
1000			.610

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 87 DATE 9/ 9/80 GMT 1.9
POSITION 49-57.0 N, 128-12.5 W STATION 45
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.750
10		31.825	5.740
30			4.800
50			3.150
75			3.030
100			3.710
150			2.900
200			2.530
350			1.600
500			1.020
750			.630
1005		34.363	.540

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 88 DATE 9/ 9/80 GMT 3.0
POSITION 49-59.1 N, 128- 8.5 W STATION 45A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.520
10			5.740
30			5.040
50			3.010
75			2.820
100			2.940
150			2.890
250			2.150
350			1.550
500			.960
750			.660
970			.500

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 89 DATE 9/ 9/80 GMT 4.1
POSITION 50- 1.5 N, 128- 5.5 W STATION 46
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.650
10			5.800
30			4.740
50			4.070
75			4.130
100			3.130
150			2.910
200			2.570
350			1.830
500			1.190
750			.700
1000			.640

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 90 DATE 9/ 9/80 GMT 5.2
POSITION 50- 3.8 N, 128- 2.0 W STATION 46A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.880
10			5.860
30			5.080
50			3.770
75			4.820
100			2.980
150			2.850
200			2.450
350			1.880
500			1.290
750			.680
980			.630

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 91 DATE 9/ 9/80 GMT 6.2
POSITION 50- 6.0 N, 127-58.0 W STATION 47
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.880
10			5.840
20			5.500
30			4.120
50			5.340
75			3.050
100			2.680

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 92 DATE 9/ 9/80 GMT 23.6
POSITION 50- 8.0 N, 128-25.0 W STATION 25
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.810
10			6.050
30			6.060
50			6.130
75			4.700
100			3.630
150			3.760
200			2.990
350			1.830
500			1.250
750			.690
1000			.620

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 93 DATE 10/ 9/80 GMT .7
POSITION 50-12.0 N, 128-19.5 W STATION Q4
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			5.750
30			5.780
50			5.060
75			4.740
100			4.670
125			3.450
150			3.300
200			2.600
343			1.670
500			1.180
750			.700
1007			.650

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 94 DATE 10/ 9/80 GMT 1 ?
POSITION 50-15.5 N, 128-14.0 W STATION 03
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.690
10			5.960
30			5.840
50			5.240
75			5.010
100			4.010
150			2.990
175			2.750
200			2.540
250			2.410
350			1.920
450			1.580

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 95 DATE 10/ 9/80 GMT 2.7
POSITION 50-19.0 N, 128- 8.5 W STATION 02
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.890
10			5.880
20			5.880
30			4.890
50			5.970
75			4.490
100			3.060
125			2.650

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 96 DATE 10/ 9/80 GMT 3.4
POSITION 50-23.0 N, 128- 3.0 W STATION Q1
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.730
10			5.680
20			5.680
30			5.270
50			4.280
75			3.500
100			3.240

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 97 DATE 10/ 9/80 GMT 18.3
POSITION 49-42.0 N, 128- 4.0 W STATION C1
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.660
10		31.863	6.200
30			4.330
50			3.300
75			4.910
100			4.340
150			3.440
200			2.800
350			1.720
500			1.040
750			.690
1000		34.375	.650

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 14- 98 DATE 12/ 9/80 GMT 3.3
POSITION 49-20.0 N, 127-30.0 W STATION C2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.140
10		32.224	6.140
30			6.230
50		32.696	5.680
75		33.475	4.870
100			3.530
150			2.980
200		33.922	2.770
350			1.990
500		34.064	1.200
750			.690
1000		34.375	.720