

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
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No. 23 (2)**



Fisheries
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Canadian Data Report Of Hydrography and Ocean Sciences

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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 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.

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

by

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and
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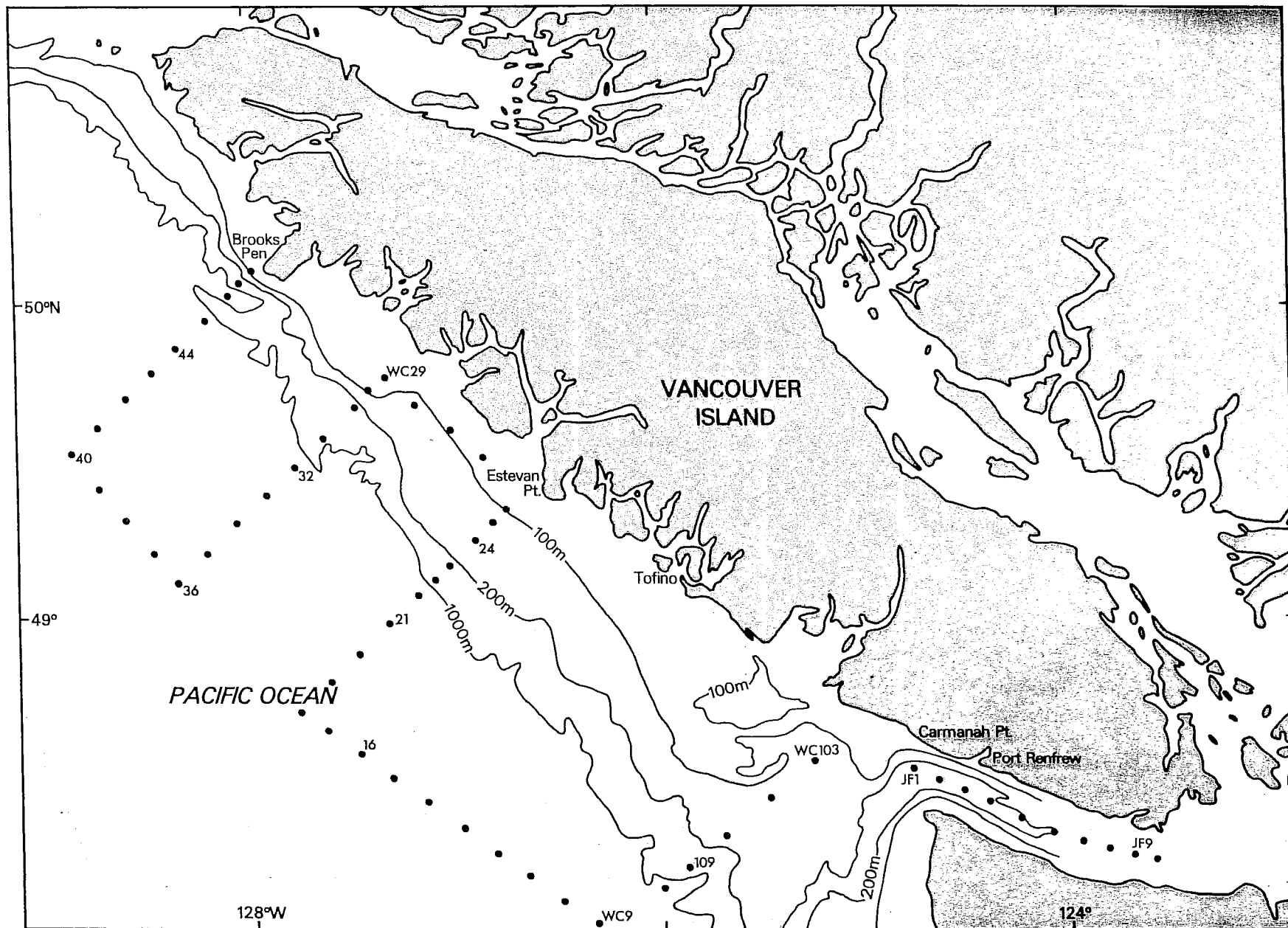
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CRUISE 80-10
JANUARY 1980



COASTAL OCEANIC DYNAMICS EXPERIMENT

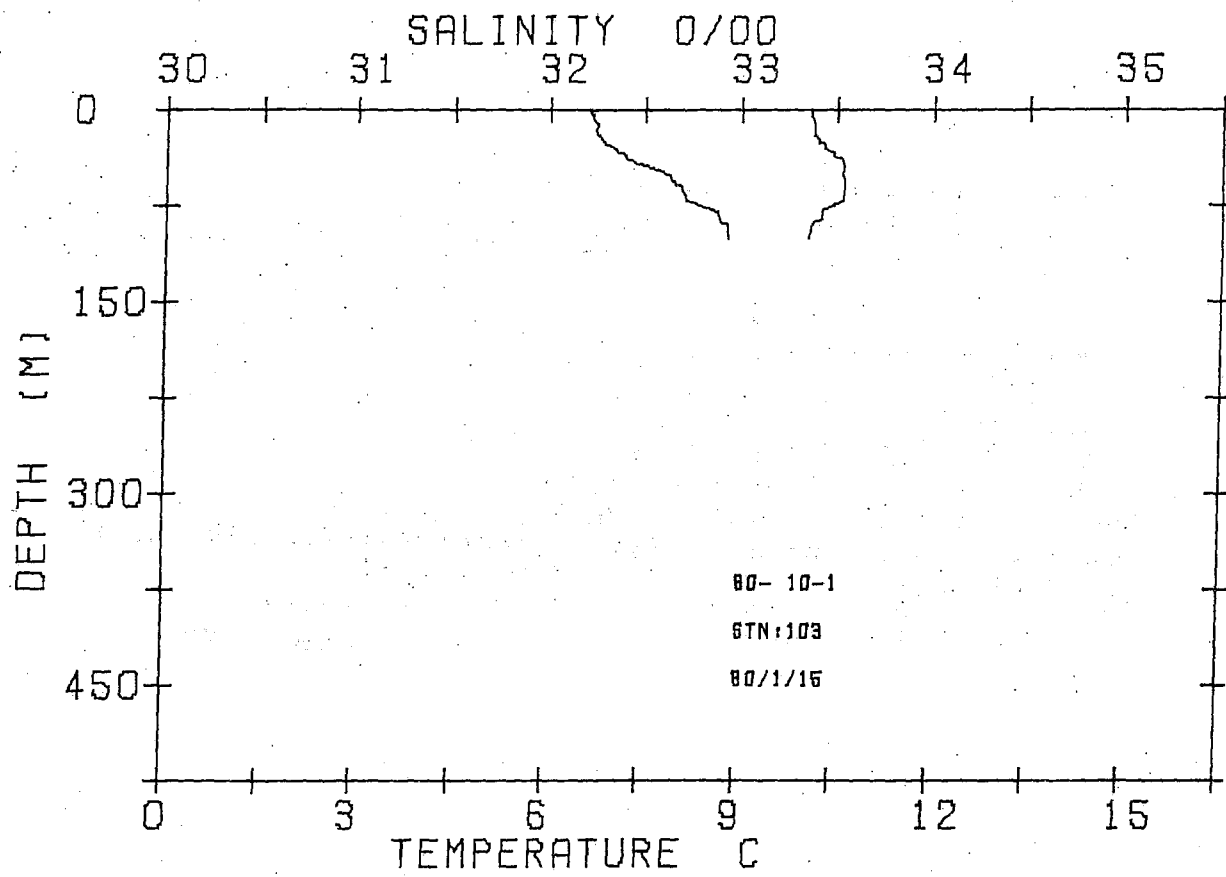
CRUISE 80-10. JANUARY 15 - JANUARY 27 , 1980

A. CRUISE SUMMARY :

1. NUMBER OF STATIONS PROCESSED : 68
2. NUMBER OF STATIONS OF DEPTH GREATER THAN 120.0 METRES
FOR WHICH THE DEPTH OF WIND MIXED LAYER COULD BE IDENTIFIED : 54

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 : $10 \text{EXP}(-5) * \text{CM} * \text{EXP}(3) / \text{GRAM}$
GEOPOTENTIAL ANOMALY : DELTA-D : JOULES/KGR
POTENTIAL ENERGY : POT.EN : $10 \text{EXP}(8) \text{ERGS} / (\text{CM} * \text{CM})$
SPEED OF SOUND : SOUND : METRES/SECOND. -WILSON 1960-

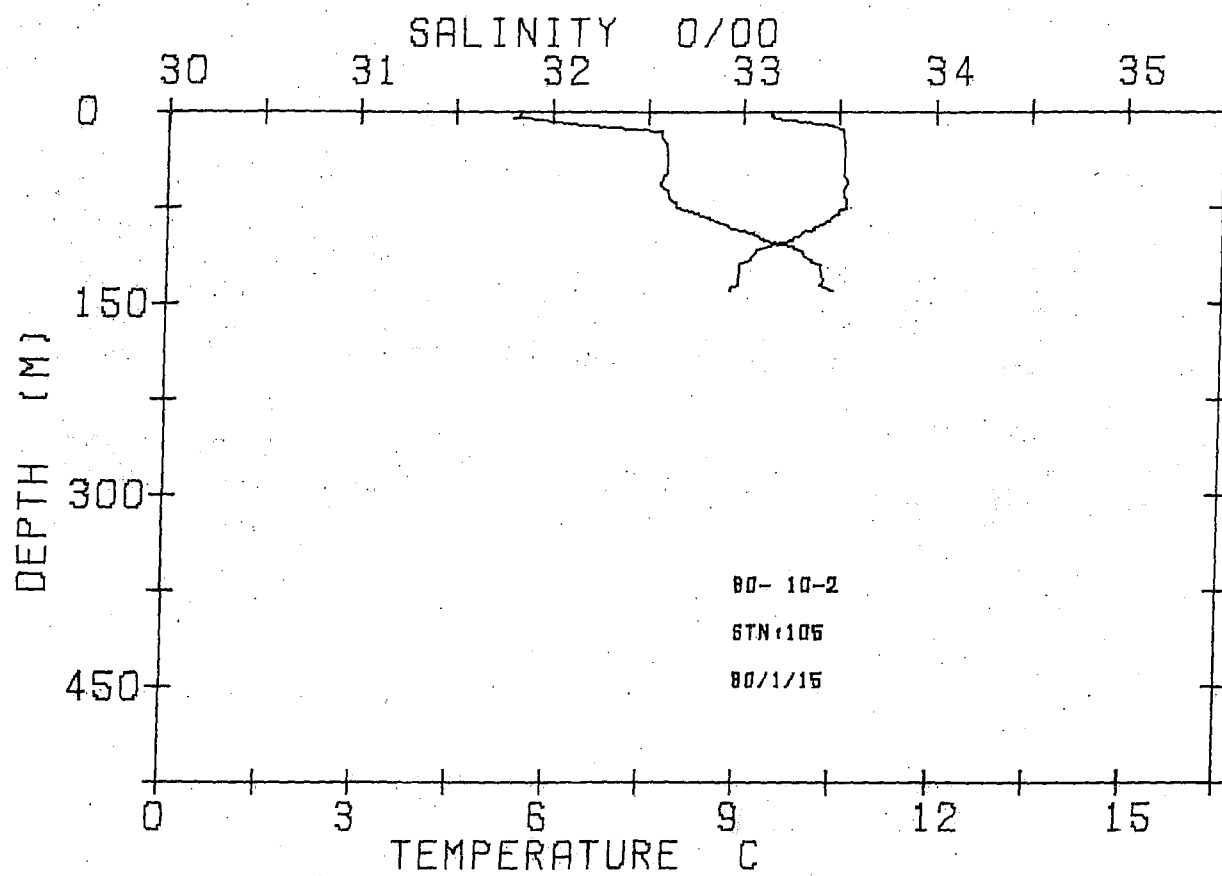


CRUISE : C.O.D.E. 80-10.
 STATION: 103 CONS #001
 LAT N 48 32.2 LONG W 125 15.5
 DATE 80/01/15 TIME (PST) 1919

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.07	32.21	24.79	316.7	.00	.00	1487.1
10	10.14	32.25	24.81	315.4	.32	.02	1487.5
20	10.15	32.26	24.81	315.1	.63	.06	1487.8
30	10.32	32.35	24.85	311.1	.95	.14	1488.7
50	10.59	32.62	25.02	296.0	1.56	.39	1490.3
75	10.48	32.79	25.17	282.0	2.28	.84	1490.5
100	10.09	32.94	25.36	264.6	2.96	1.43	1489.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
100.1	10.09	32.94	25.36	264.5	2.96	1.43	1489.7

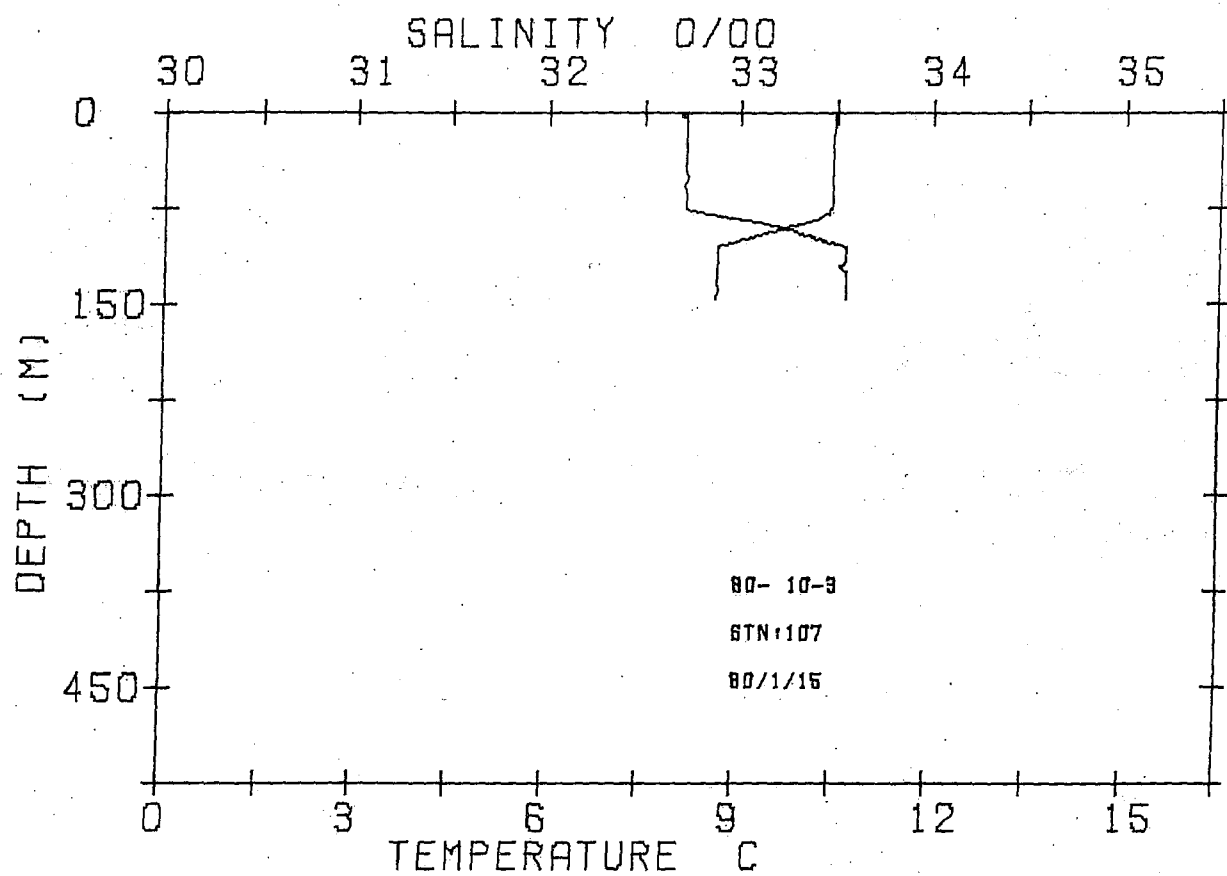


CRUISE : C.O.D.E. 80-10.
 STATION: 105 CONS #002
 LAT N 48 25.5 LONG W 125 28.3
 DATE 80/01/15 TIME (PST) 2130

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.45	31.84	24.60	334.7	.00	.00	1484.3
10	10.40	32.18	24.71	324.7	.33	.02	1488.4
20	10.56	32.58	24.99	297.9	.64	.06	1489.6
30	10.59	32.61	25.01	296.5	.93	.14	1490.0
50	10.60	32.59	25.00	298.0	1.53	.37	1490.3
75	10.63	32.67	25.05	293.4	2.27	.84	1490.9
100	9.81	33.12	25.54	247.1	2.94	1.42	1488.9
125	8.96	33.42	25.91	212.6	3.50	2.05	1486.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
140.0	8.81	33.48	25.98	205.6	3.82	2.47	1486.3

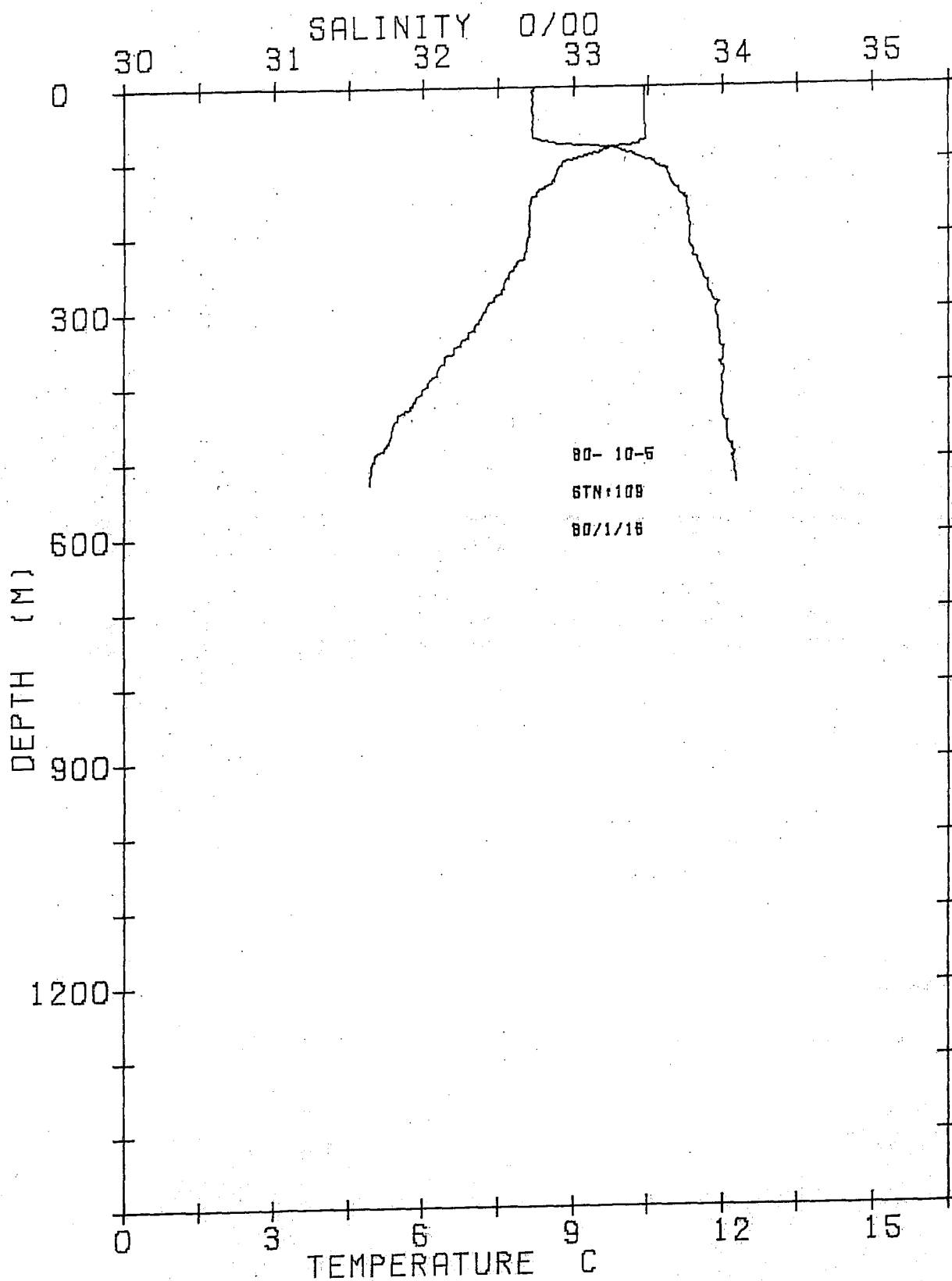


CRUISE : C.O.D.E. 80-10.
 STATION: 107 CONS #003
 LAT N 48 18.5 LONG W 125 41.2
 DATE 80/01/15 TIME (PST) 2328

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.48	32.71	25.11	286.2	.00	.00	1489.2
10	10.46	32.72	25.12	285.4	.29	.01	1489.3
20	10.45	32.72	25.12	285.7	.57	.06	1489.4
30	10.44	32.72	25.12	285.5	.86	.13	1489.6
50	10.43	32.73	25.13	285.2	1.43	.36	1489.8
75	10.45	32.72	25.13	286.2	2.14	.80	1490.3
100	9.05	33.42	25.90	212.8	2.77	1.34	1486.5
125	8.65	33.55	26.06	198.1	3.27	1.91	1485.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
145.8	8.64	33.55	26.06	198.2	3.68	2.46	1485.9



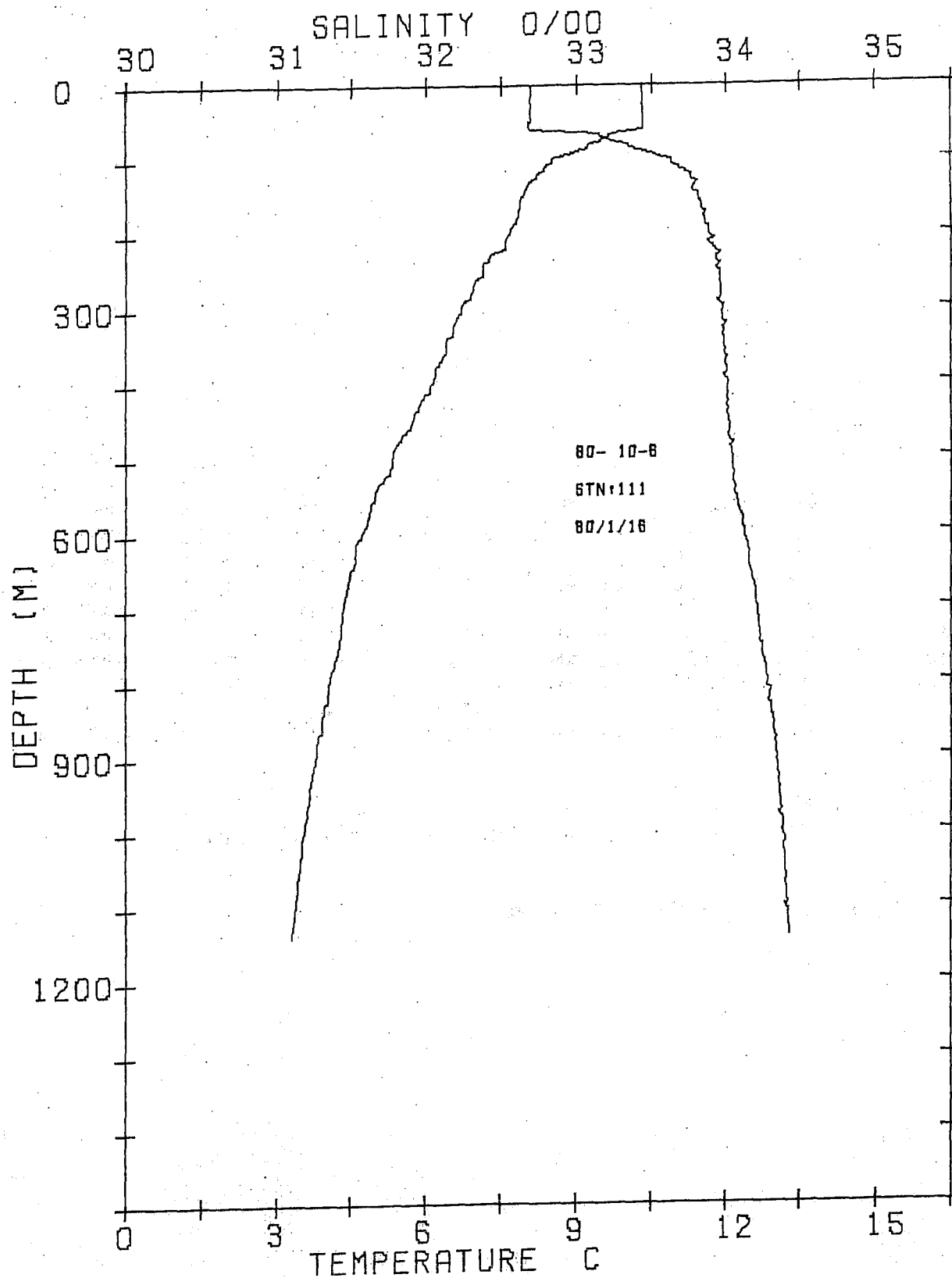
CRUISE : C.O.D.E. 80-10.
 STATION: 109 CONS #005
 LAT N 48 12.9 LONG W 125 52.0
 DATE 80/01/16 TIME (PST) 0149

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.41	32.73	25.13	284.1	.00	.00	1489.0
10	10.41	32.73	25.14	284.0	.28	.01	1489.1
20	10.41	32.73	25.13	284.5	.57	.06	1489.3
30	10.42	32.72	25.13	285.2	.85	.13	1489.5
50	10.42	32.73	25.14	284.8	1.42	.36	1489.8
75	10.31	32.90	25.28	271.3	2.13	.80	1490.1
100	8.84	33.54	26.02	201.4	2.70	1.29	1485.8
125	8.61	33.66	26.15	189.2	3.18	1.83	1485.6
150	8.16	33.76	26.30	175.5	3.64	2.46	1484.4
175	8.12	33.78	26.32	173.9	4.07	3.17	1484.6
200	8.12	33.78	26.32	174.6	4.51	3.98	1485.0
225	8.05	33.80	26.35	172.0	4.94	4.90	1485.2
250	7.75	33.87	26.45	162.9	5.36	5.89	1484.6
300	7.26	33.95	26.58	150.8	6.14	8.04	1483.6
400	6.09	34.00	26.77	133.4	7.55	12.97	1480.6
500	5.00	34.07	26.96	115.4	8.80	18.57	1477.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
530.0	4.93	34.09	26.99	113.5	9.14	20.33	1478.2

WIND MIXED LAYER DEPTH = 71.2 METRES



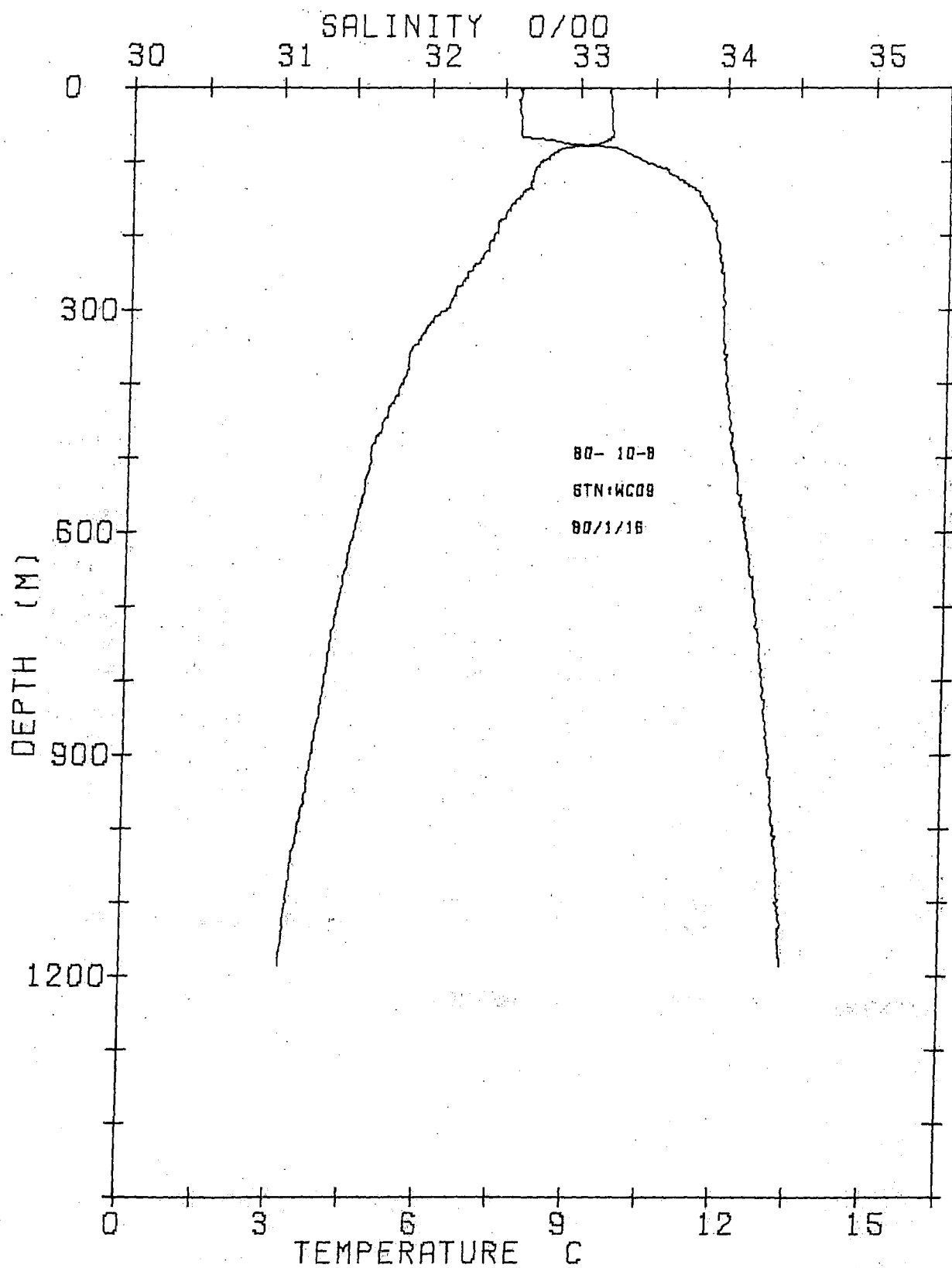
CRUISE : C.O.D.E. 80-10.
 STATION: 111 CONS #006
 LAT N 48 08.5 LONG W 126 00.0
 DATE 80/01/16 TIME (PST) 0325

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.31	32.69	25.12	285.0	.00	.00	1488.5
10	10.29	32.70	25.13	284.5	.28	.01	1488.7
20	10.31	32.69	25.13	285.0	.57	.06	1488.9
30	10.31	32.69	25.12	285.4	.85	.13	1489.0
50	10.32	32.68	25.11	287.2	1.43	.36	1489.4
75	9.49	33.23	25.68	233.2	2.09	.77	1487.5
100	8.53	33.62	26.13	190.9	2.62	1.23	1484.8
125	8.21	33.77	26.30	174.9	3.07	1.74	1484.1
150	7.95	33.81	26.37	168.5	3.50	2.33	1483.6
175	7.85	33.85	26.42	164.5	3.92	3.00	1483.7
200	7.68	33.89	26.47	160.2	4.32	3.76	1483.5
225	7.37	33.96	26.57	150.8	4.72	4.60	1482.8
250	7.15	33.96	26.60	148.4	5.09	5.49	1482.3
300	6.74	33.98	26.68	141.6	5.82	7.48	1481.6
400	6.16	34.02	26.78	132.8	7.19	12.29	1480.9
500	5.35	34.04	26.90	121.8	8.47	18.02	1479.4
600	4.75	34.13	27.04	108.9	9.62	24.37	1478.6
800	4.08	34.29	27.24	91.0	11.62	38.28	1479.4
1000	3.59	34.39	27.37	79.5	13.31	53.47	1480.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1140.1	3.33	34.44	27.43	74.3	14.39	64.97	1482.0

WIND MIXED LAYER DEPTH = 60.0 METRES



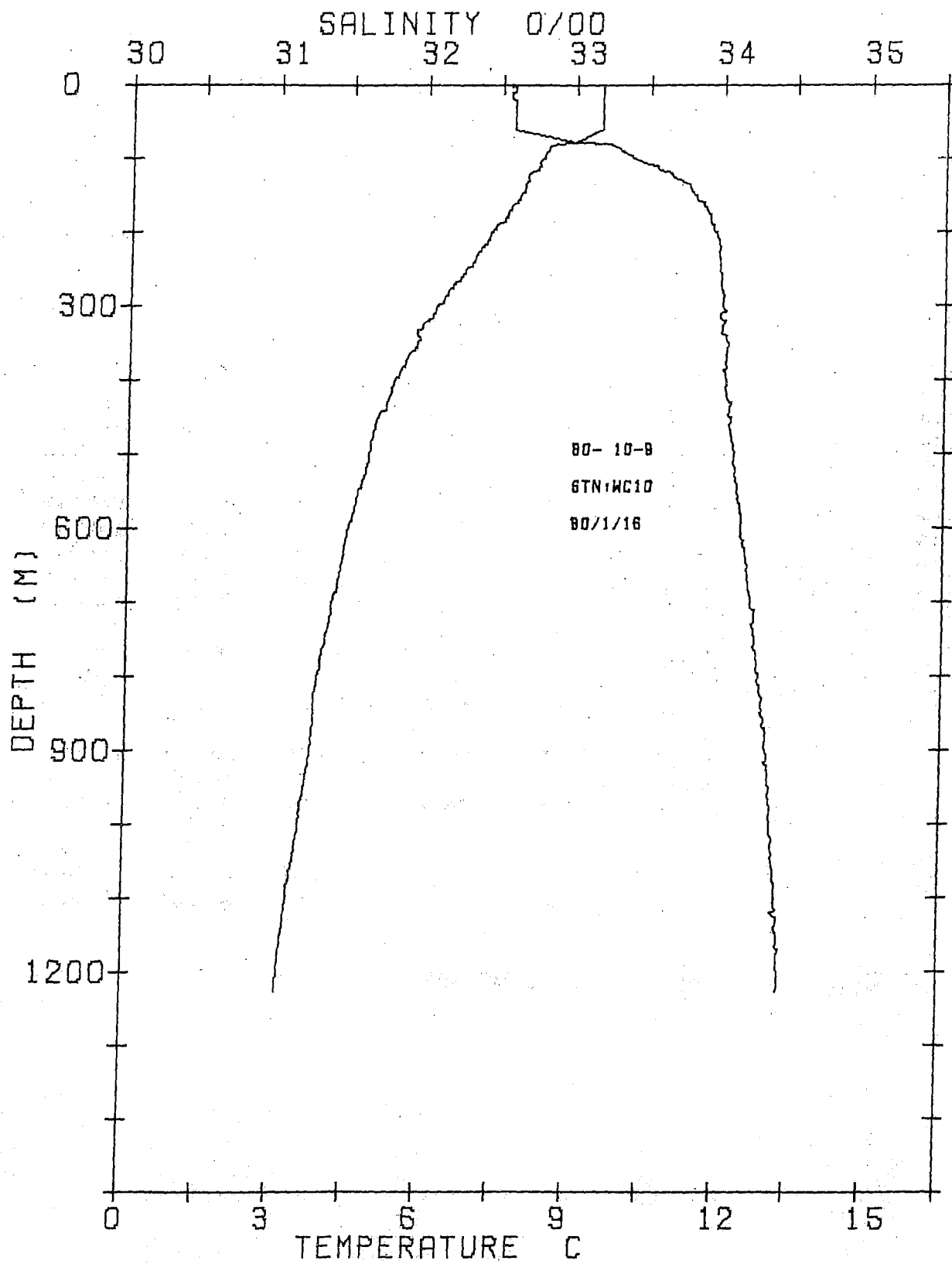
CRUISE : C.O.D.E. 80-10.
 STATION: WC09 CONS #008
 LAT N 48 02.5 LONG W 126 20.0
 DATE 80/01/16 TIME (PST) 0645

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.59	32.61	25.18	279.9	.00	.00	1485.8
10	9.59	32.61	25.18	279.8	.28	.01	1486.0
20	9.61	32.60	25.17	280.8	.56	.06	1486.2
30	9.62	32.60	25.17	281.4	.84	.13	1486.4
50	9.64	32.61	25.17	281.3	1.40	.35	1486.8
75	9.37	32.95	25.48	252.2	2.09	.78	1486.6
100	8.26	33.43	26.03	200.4	2.63	1.25	1483.5
125	8.06	33.70	26.27	177.9	3.10	1.78	1483.5
150	7.79	33.84	26.42	164.5	3.53	2.36	1483.0
175	7.55	33.91	26.51	156.2	3.93	3.01	1482.6
200	7.33	33.94	26.56	151.2	4.31	3.73	1482.2
225	7.13	33.97	26.61	146.9	4.68	4.52	1481.9
250	6.80	33.98	26.67	141.5	5.04	5.37	1481.0
300	6.35	34.00	26.74	135.1	5.73	7.27	1480.0
400	5.51	34.02	26.87	124.2	7.02	11.75	1478.3
500	4.91	34.08	26.98	113.6	8.20	17.07	1477.6
600	4.58	34.17	27.09	104.2	9.29	23.06	1478.0
800	4.04	34.30	27.25	89.9	11.22	36.54	1479.2
1000	3.56	34.40	27.38	78.6	12.92	51.75	1480.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1185.8	3.20	34.46	27.46	71.5	14.31	66.93	1482.2

WIND MIXED LAYER DEPTH = 73.1 METRES



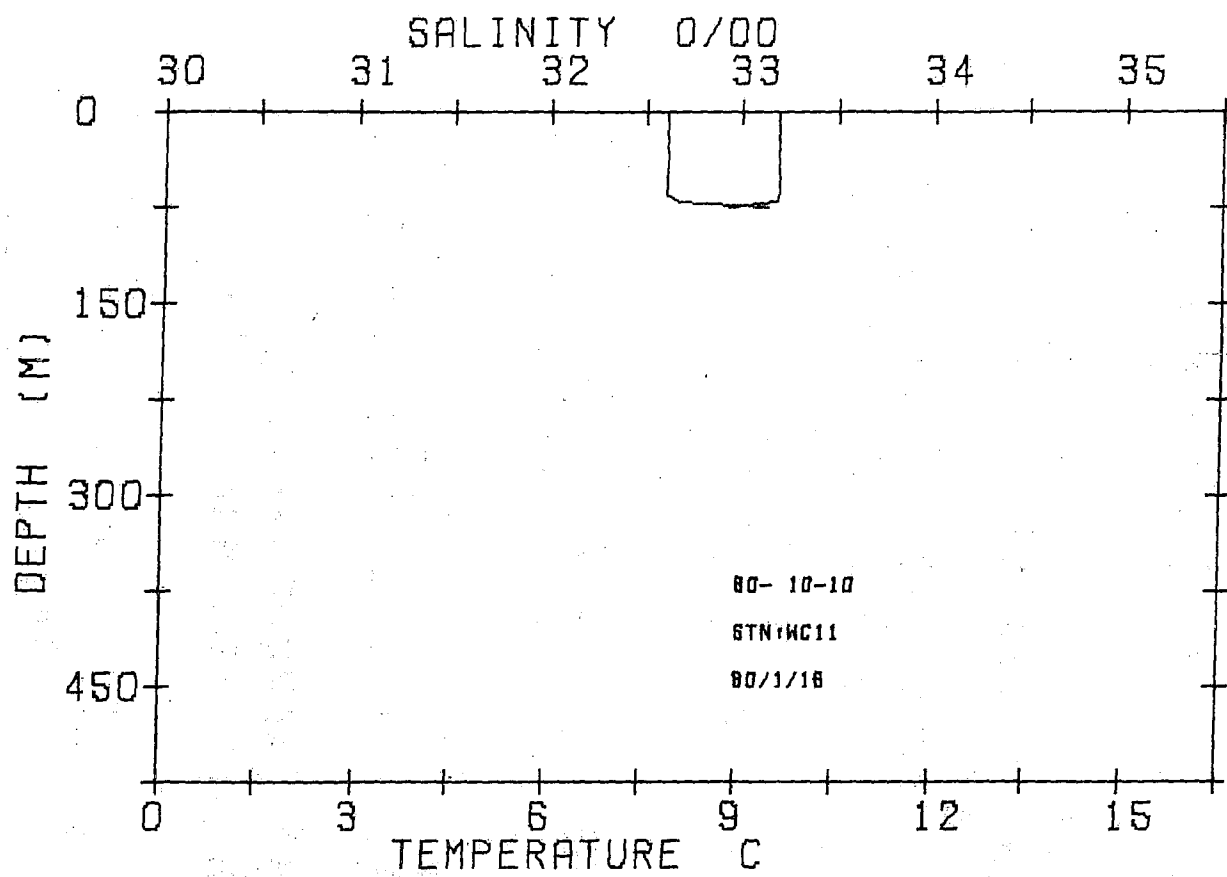
CRUISE : C.O.D.E. 80-10.
 STATION: WC10 CONS #009
 LAT N 48 06.5 LONG W 126 29.5
 DATE 80/01/16 TIME (PST) 0858

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.51	32.58	25.17	280.7	.00	.00	1485.
10	9.53	32.56	25.15	282.8	.28	.01	1485.7
20	9.51	32.58	25.17	281.1	.56	.06	1485.8
30	9.51	32.58	25.17	281.4	.84	.13	1486.
50	9.51	32.58	25.16	281.9	1.41	.35	1486.
75	9.08	32.94	25.70	231.0	2.07	.76	1485.
100	8.33	33.39	25.99	204.7	2.61	1.23	1483.
125	8.03	33.66	26.24	180.8	3.09	1.77	1483.3
150	7.90	33.81	26.38	168.3	3.52	2.36	1483.4
175	7.63	33.91	26.50	157.2	3.93	3.02	1482.
200	7.32	33.95	26.57	150.2	4.32	3.75	1482.2
225	7.08	33.97	26.62	145.8	4.69	4.53	1481.
250	6.82	33.98	26.66	142.1	5.05	5.39	1481.
300	6.25	34.00	26.76	133.7	5.73	7.28	1479.6
400	5.41	34.03	26.88	122.5	7.01	11.74	1477.9
500	4.91	34.08	26.99	113.4	8.19	17.03	1477.6
600	4.50	34.14	27.07	105.5	9.28	23.04	1477.6
800	3.90	34.28	27.25	89.8	11.23	36.61	1478.6
1000	3.57	34.38	27.36	80.2	12.92	51.84	1480.6
1200	3.17	34.45	27.45	72.2	14.44	68.54	1482.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1225.1	3.15	34.44	27.45	72.4	14.62	70.72	1482.6

WIND MIXED LAYER DEPTH = 64.0 METRES

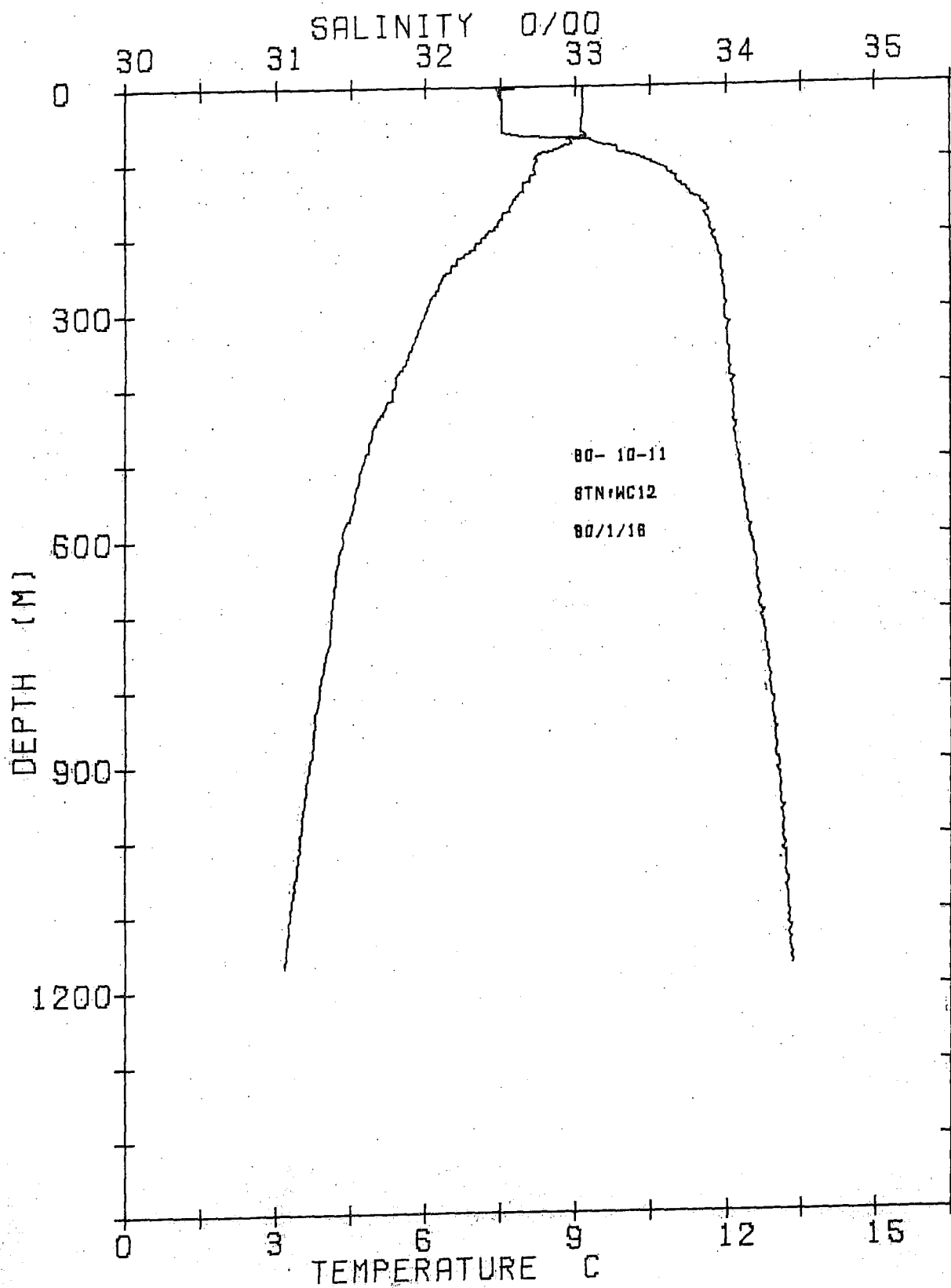


CRUISE : C.O.D.E. 80-10.
 STATION: WC11 CONS #010
 LAT N 48 11.0 LONG W 126 39.5
 DATE 80/01/16 TIME (PST) 1045

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.58	32.61	25.18	279.3	.00	.00	1485.8
10	9.57	32.62	25.19	279.1	.28	.01	1485.9
20	9.57	32.62	25.19	279.3	.56	.06	1486.1
30	9.57	32.62	25.19	279.5	.84	.13	1486.3
50	9.58	32.61	25.18	280.2	1.40	.35	1486.6
75	8.87	33.12	25.69	232.5	2.08	.78	1485.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
75.3	8.83	33.14	25.72	229.9	2.09	.78	1484.9



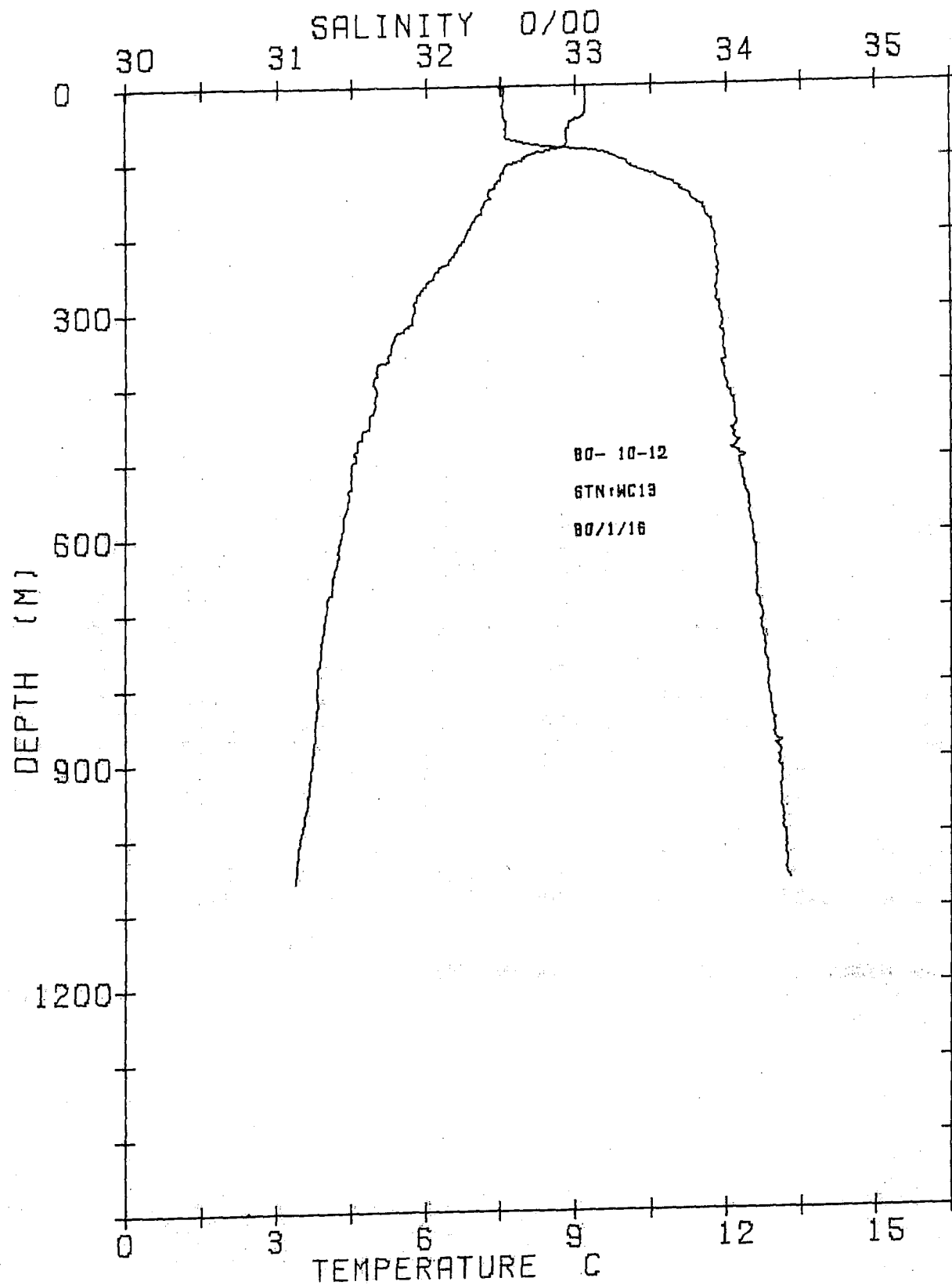
CRUISE : C.O.D.E. 80-10.
 STATION: WC12 CONS #011
 LAT N 48 16.0 LONG W 126 49.5
 DATE 80/01/16 TIME (PST) 1231

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.14	32.59	25.24	274.1	.00	.00	1484.1
10	9.14	32.49	25.16	281.5	.28	.01	1484.1
20	9.15	32.51	25.17	280.8	.56	.06	1484.4
30	9.15	32.51	25.17	280.9	.84	.13	1484.5
50	9.13	32.51	25.17	281.1	1.40	.35	1484.8
75	8.93	33.16	25.71	230.3	2.07	.76	1485.3
100	8.26	33.50	26.08	195.5	2.59	1.22	1483.6
125	8.07	33.68	26.25	180.0	3.06	1.74	1483.5
150	7.79	33.83	26.41	165.4	3.49	2.34	1483.0
175	7.52	33.88	26.49	158.0	3.89	2.99	1482.5
200	7.21	33.91	26.56	151.7	4.28	3.72	1481.7
225	6.79	33.96	26.65	143.0	4.65	4.50	1480.5
250	6.43	33.98	26.72	136.8	5.00	5.33	1479.5
300	6.03	33.99	26.78	131.5	5.67	7.17	1478.7
400	5.40	34.04	26.89	122.0	6.93	11.59	1477.9
500	4.77	34.08	27.00	112.0	8.10	16.84	1477.0
600	4.34	34.16	27.11	102.0	9.17	22.71	1477.0
800	3.86	34.30	27.27	88.1	11.07	35.94	1478.4
1000	3.48	34.38	27.37	79.1	12.73	50.86	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1170.4	3.18	34.45	27.45	72.1	14.01	64.78	1481.8

WIND MIXED LAYER DEPTH = 71.4 METRES



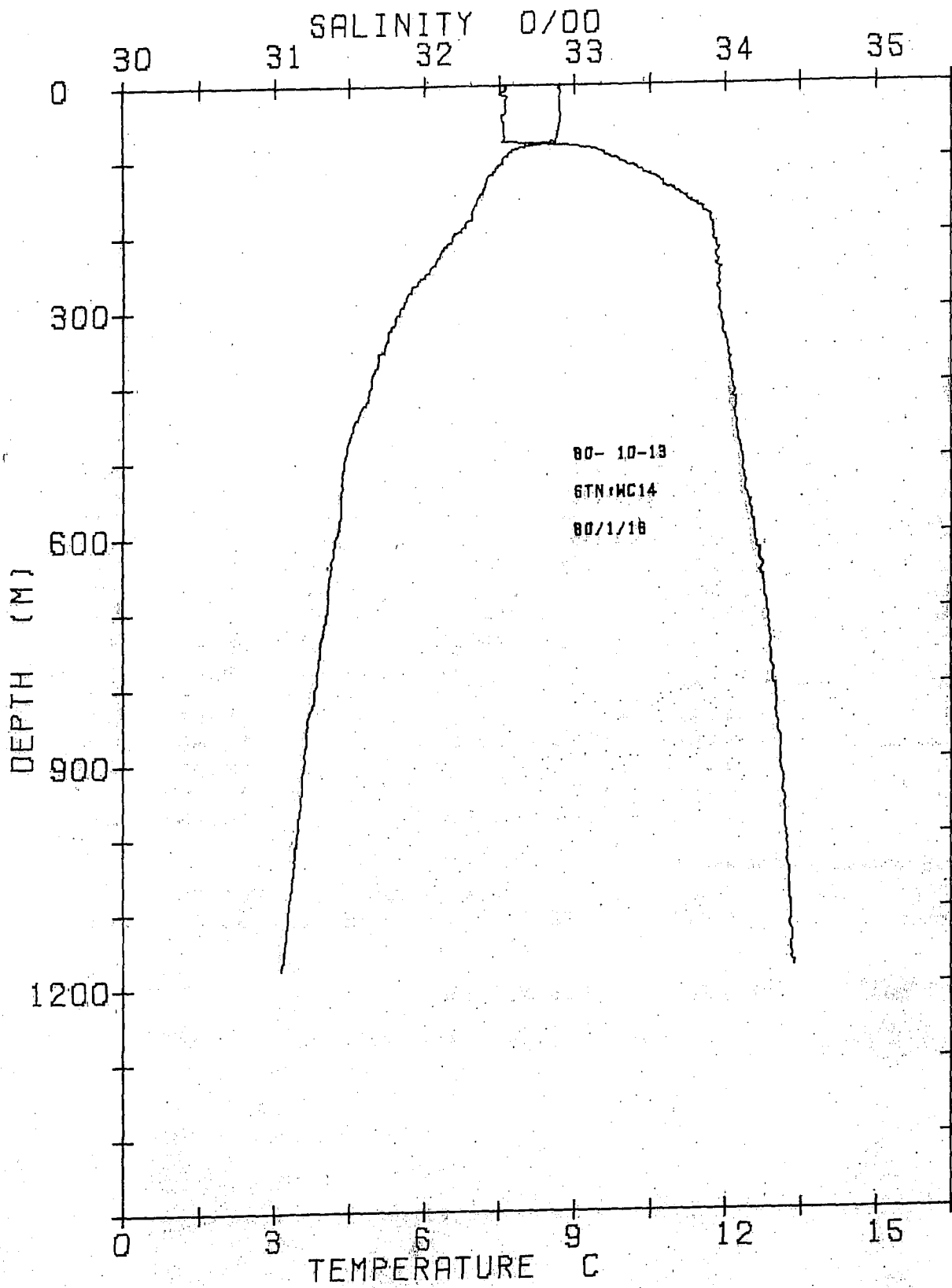
CRUISE : C.O.D.E. 80-10.
 STATION: WC13 CONS #012
 LAT N 48 20.5 LONG W 127 00.0
 DATE 80/01/16 TIME (PST) 1532

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.20	32.50	25.15	281.9	.00	.00	1484.2
10	9.20	32.52	25.17	280.6	.28	.01	1484.4
20	9.21	32.52	25.17	281.2	.56	.06	1484.6
30	9.20	32.52	25.17	281.0	.84	.13	1484.7
50	8.88	32.54	25.23	275.3	1.40	.35	1483.9
75	8.85	32.67	25.35	265.0	2.09	.78	1484.4
100	7.92	33.32	25.99	203.8	2.66	1.27	1482.1
125	7.49	33.60	26.27	177.7	3.13	1.81	1481.2
150	7.28	33.77	26.43	162.6	3.55	2.39	1481.0
175	7.02	33.88	26.56	151.1	3.94	3.02	1480.5
200	6.83	33.93	26.62	145.5	4.31	3.71	1480.2
225	6.58	33.93	26.66	142.1	4.67	4.48	1479.7
250	6.18	33.95	26.72	136.3	5.02	5.30	1478.5
300	5.79	33.96	26.78	130.9	5.69	7.14	1477.7
400	4.97	34.01	26.92	118.8	6.93	11.48	1476.1
500	4.60	34.09	27.03	109.1	8.07	16.60	1476.3
600	4.31	34.18	27.13	100.0	9.12	22.34	1476.9
800	3.82	34.28	27.25	89.3	11.00	35.46	1478.2
1000	3.49	34.40	27.38	78.0	12.66	50.43	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1060.1	3.38	34.43	27.42	75.0	13.13	55.20	1480.8

WIND MIXED LAYER DEPTH = 70.0 METRES



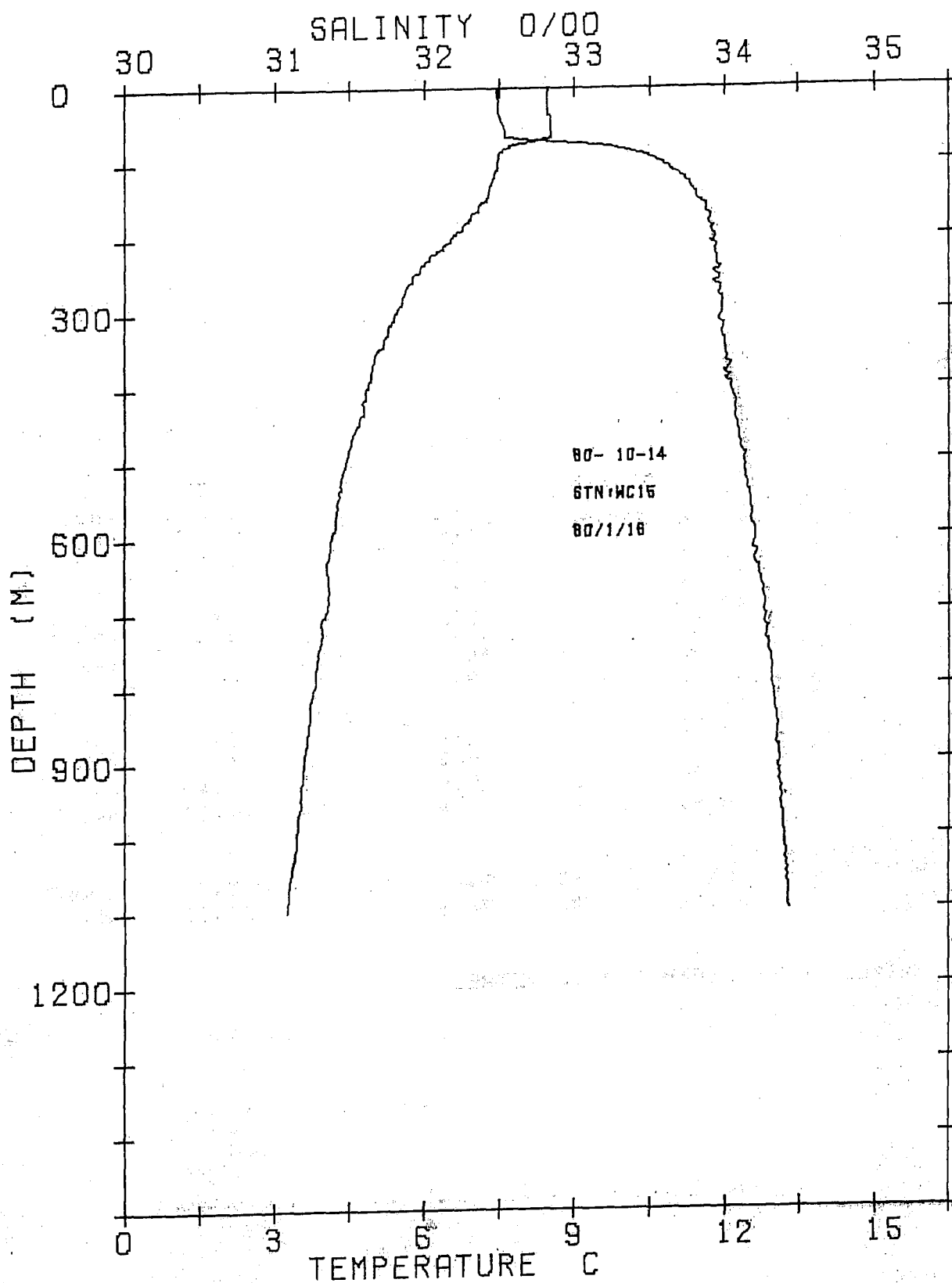
CRUISE : C.O.D.E. 80-10.
 STATION: WC14 CONS #013
 LAT N 48 25.0 LONG W 127 09.5
 DATE 80/01/16 TIME (PST) 1657

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.72	32.54	25.26	272.1	.00	.00	1482.5
10	8.73	32.52	25.24	273.9	.27	.01	1482.7
20	8.71	32.54	25.26	272.0	.54	.05	1482.8
30	8.71	32.54	25.26	272.4	.82	.12	1482.9
50	8.73	32.53	25.25	273.8	1.36	.34	1483.3
75	8.65	32.52	25.26	273.2	2.04	.77	1483.4
100	7.59	33.29	26.01	201.9	2.60	1.25	1480.7
125	7.28	33.55	26.26	178.4	3.08	1.78	1480.3
150	7.12	33.74	26.44	162.4	3.51	2.37	1480.3
175	6.95	33.90	26.58	148.8	3.89	3.00	1480.3
200	6.60	33.93	26.65	142.3	4.26	3.69	1479.3
225	6.33	33.94	26.69	138.7	4.61	4.43	1478.7
250	6.09	33.96	26.75	134.0	4.95	5.24	1478.2
300	5.52	33.96	26.82	127.4	5.60	7.03	1476.7
400	4.94	34.06	26.96	114.7	6.81	11.24	1476.0
500	4.41	34.12	27.07	105.3	7.91	16.19	1475.6
600	4.26	34.20	27.15	98.2	8.93	21.81	1476.7
800	3.83	34.33	27.29	85.5	10.77	34.62	1478.3
1000	3.44	34.41	27.40	76.4	12.38	49.13	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1175.5	3.15	34.46	27.46	70.8	13.68	63.25	1481.8

WIND MIXED LAYER DEPTH = 74.6 METRES



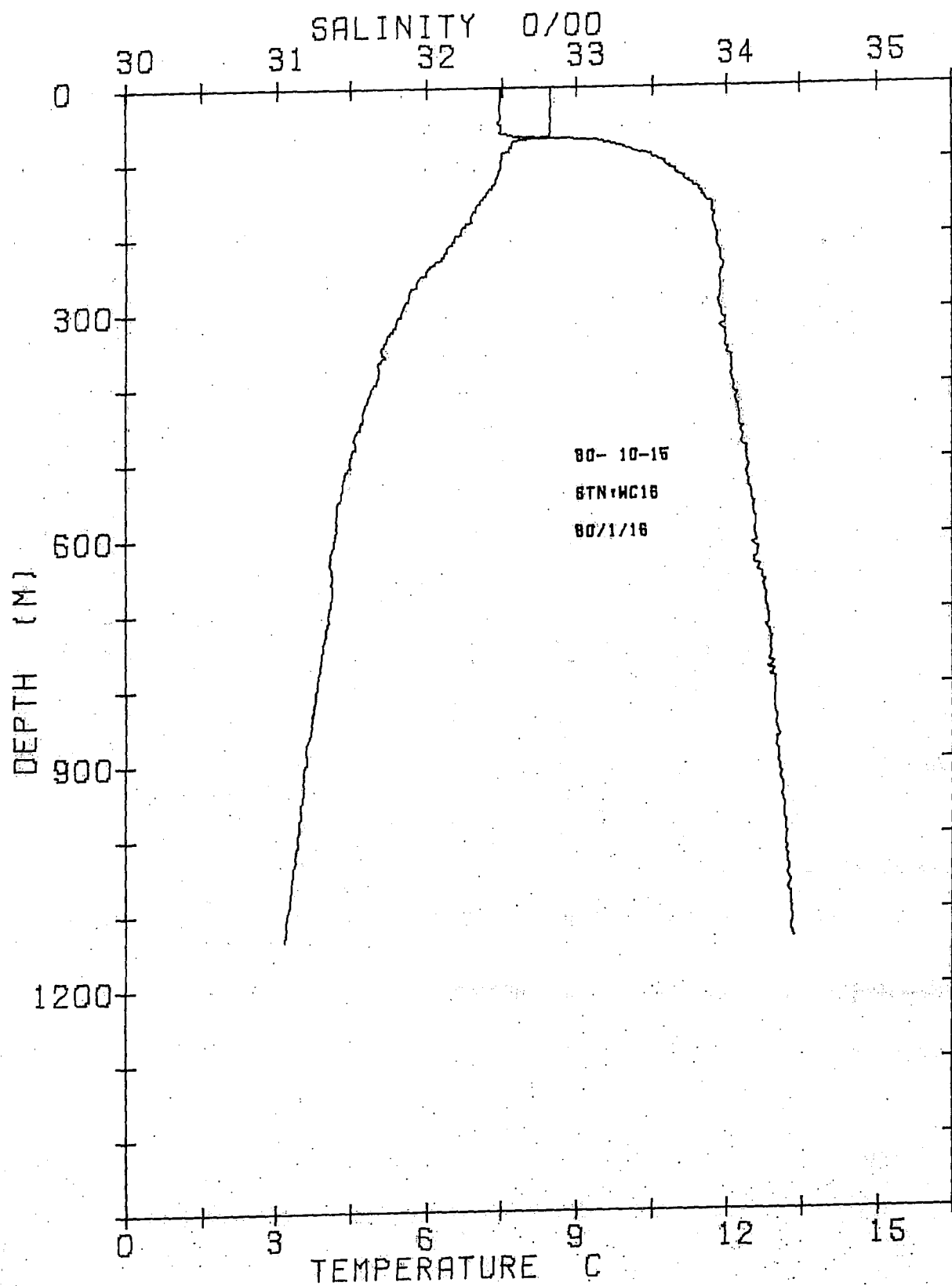
CRUISE : C.O.D.E. 80-10.
 STATION: WC15 CONS #014
 LAT N 48 30.0 LONG W 127 20.0
 DATE 80/01/16 TIME (PST) 1834

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.47	32.49	25.26	272.1	.00	.00	1481.5
10	8.47	32.49	25.26	271.9	.27	.01	1481.6
20	8.47	32.49	25.26	272.0	.54	.05	1481.8
30	8.46	32.49	25.26	272.1	.82	.12	1481.9
50	8.53	32.53	25.28	270.4	1.36	.34	1482.5
75	7.81	33.15	25.87	214.9	2.01	.75	1481.0
100	7.48	33.59	26.27	177.8	2.49	1.16	1480.7
125	7.37	33.76	26.41	164.4	2.92	1.64	1480.9
150	7.24	33.83	26.49	157.4	3.32	2.20	1480.9
175	6.94	33.90	26.59	148.6	3.70	2.82	1480.2
200	6.57	33.94	26.66	141.4	4.07	3.50	1479.2
225	6.14	33.95	26.73	135.6	4.42	4.24	1477.9
250	5.81	33.95	26.77	131.1	4.75	5.03	1477.0
300	5.45	33.98	26.84	125.1	5.39	6.79	1476.4
400	4.88	34.04	26.95	115.2	6.59	11.00	1475.8
500	4.44	34.13	27.07	104.6	7.69	15.92	1475.7
600	4.16	34.21	27.16	96.6	8.69	21.44	1476.3
800	3.81	34.33	27.30	84.9	10.51	34.11	1478.2
1000	3.45	34.41	27.40	76.7	12.12	48.58	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1100.4	3.27	34.44	27.44	73.3	12.87	56.48	1481.0

WIND MIXED LAYER DEPTH = 68.0 METRES



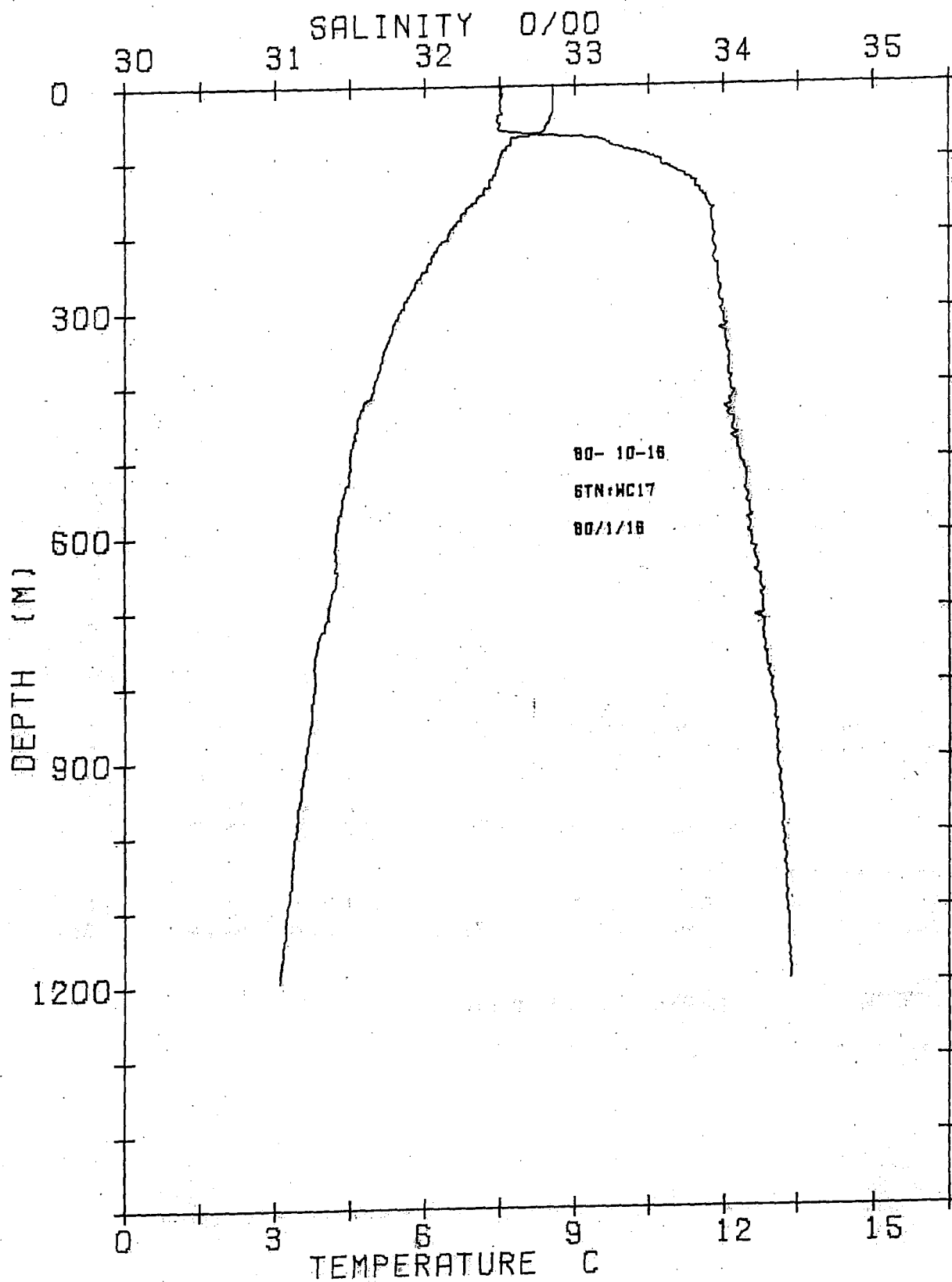
CRUISE : C.O.D.E. 80-10.
 STATION: WC16 CONS #015
 LAT N 48 34.5 LONG W 127 30.0
 DATE 80/01/16 TIME (PST) 2052

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.47	32.49	25.26	271.8	.00	.00	1481.5
10	8.47	32.49	25.26	272.4	.27	.01	1481.6
20	8.47	32.48	25.25	273.2	.54	.05	1481.8
30	8.47	32.48	25.26	272.8	.82	.12	1481.9
50	8.47	32.49	25.26	272.9	1.36	.34	1482.3
75	7.70	33.24	25.96	206.2	2.00	.73	1480.7
100	7.48	33.57	26.25	179.1	2.48	1.15	1480.7
125	7.39	33.74	26.40	165.9	2.91	1.64	1480.9
150	7.12	33.86	26.53	153.5	3.31	2.18	1480.5
175	6.86	33.91	26.60	147.1	3.68	2.79	1479.9
200	6.58	33.94	26.66	141.5	4.04	3.46	1479.2
225	6.34	33.96	26.71	136.9	4.39	4.20	1478.7
250	5.98	33.96	26.76	132.8	4.72	5.00	1477.7
300	5.51	33.97	26.82	127.1	5.38	6.79	1476.6
400	4.97	34.05	26.95	115.4	6.58	11.01	1476.1
500	4.48	34.14	27.07	104.4	7.68	15.93	1475.9
600	4.20	34.20	27.15	97.7	8.69	21.45	1476.4
800	3.83	34.34	27.30	84.7	10.52	34.23	1478.4
1000	3.46	34.41	27.40	76.8	12.13	48.75	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1135.2	3.18	34.46	27.46	71.0	13.13	59.42	1481.3

WIND MIXED LAYER DEPTH = 65.3 METRES



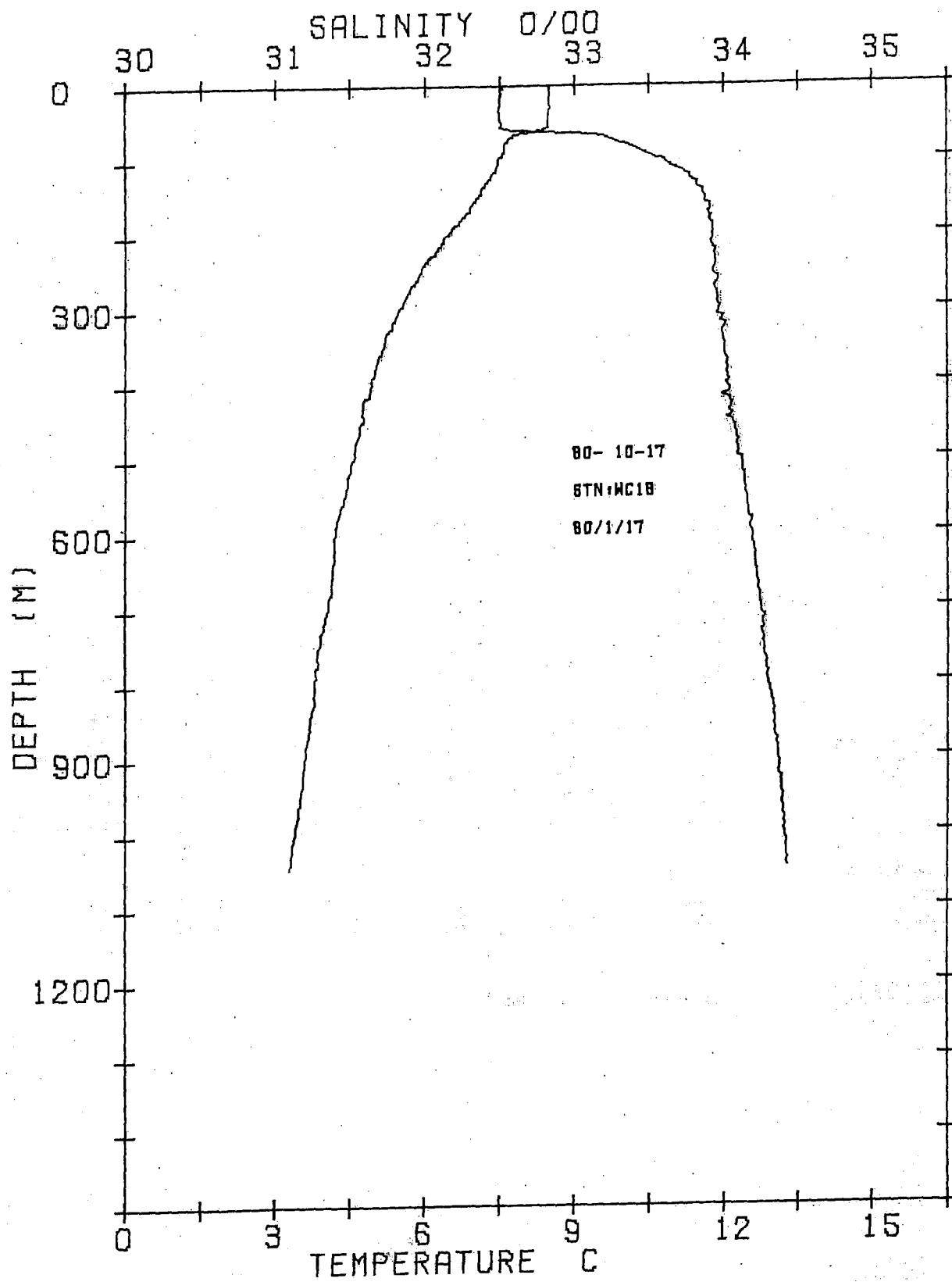
CRUISE : C.O.D.E. 80-10.
 STATION: WC17 CONS #016
 LAT N 48 39.5 LONG W 127 40.0
 DATE 80/01/16 TIME (PST) 2245

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.56	32.51	25.26	271.5	.00	.00	1481.8
10	8.57	32.52	25.27	271.5	.27	.01	1482.0
20	8.59	32.50	25.25	273.2	.54	.05	1482.2
30	8.59	32.50	25.25	273.1	.82	.12	1482.4
50	8.49	32.50	25.26	272.6	1.36	.34	1482.4
75	7.71	33.23	25.95	207.5	1.99	.73	1480.7
100	7.51	33.58	26.25	179.3	2.47	1.15	1480.8
125	7.36	33.78	26.43	162.8	2.90	1.63	1480.9
150	7.08	33.88	26.55	151.4	3.30	2.17	1480.3
175	6.74	33.92	26.63	144.3	3.67	2.77	1479.5
200	6.50	33.94	26.68	140.1	4.02	3.44	1478.9
225	6.19	33.94	26.71	136.8	4.37	4.17	1478.1
250	5.95	33.96	26.76	132.4	4.70	4.97	1477.6
300	5.52	33.98	26.83	125.9	5.35	6.75	1476.7
400	4.99	34.05	26.95	115.9	6.55	10.96	1476.2
500	4.50	34.11	27.05	106.9	7.67	15.98	1475.9
600	4.24	34.18	27.14	99.3	8.70	21.60	1476.6
800	3.80	34.32	27.29	85.9	10.54	34.50	1478.2
1000	3.45	34.41	27.40	76.7	12.16	49.00	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1196.0	3.11	34.46	27.47	70.2	13.59	64.73	1482.0

WIND MIXED LAYER DEPTH = 59.3 METRES



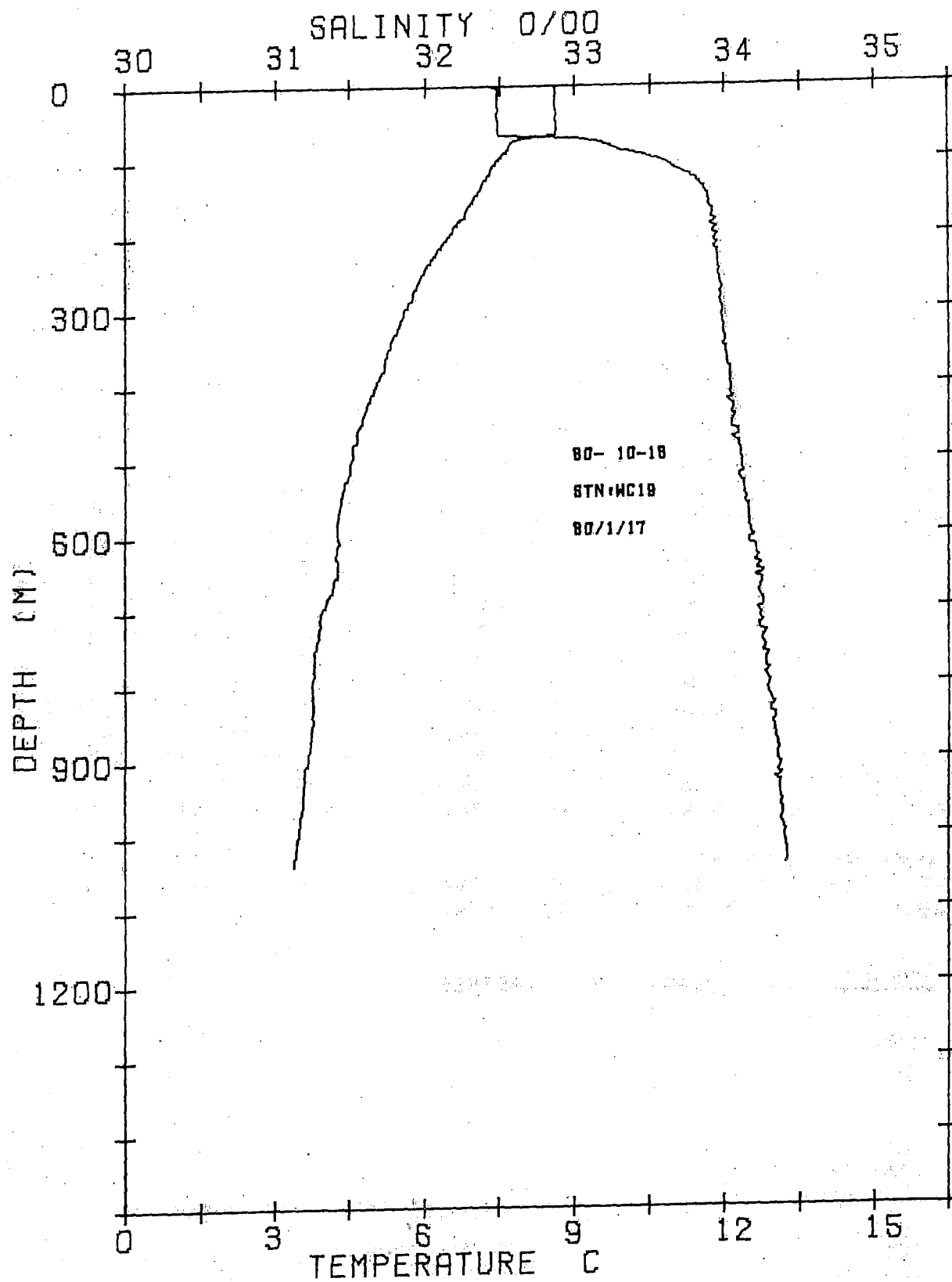
CRUISE : C.O.D.E. 80-10.
 STATION: WC18 CONS #017
 LAT N 48 42.0 LONG W 127 46.0
 DATE 80/01/17 TIME (PST) 0039

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.51	32.50	25.26	271.8	.00	.00	1481.6
10	8.49	32.51	25.27	271.0	.27	.01	1481.7
20	8.50	32.50	25.27	271.7	.54	.05	1481.9
30	8.51	32.49	25.26	272.8	.82	.12	1482.1
50	8.47	32.51	25.27	271.4	1.36	.34	1482.3
75	7.65	33.29	26.00	202.4	1.96	.71	1480.6
100	7.49	33.60	26.27	177.2	2.43	1.12	1480.7
125	7.33	33.79	26.45	161.0	2.85	1.59	1480.8
150	7.08	33.88	26.55	151.8	3.24	2.13	1480.4
175	6.81	33.92	26.62	145.5	3.61	2.73	1479.7
200	6.48	33.93	26.67	140.5	3.97	3.40	1478.9
225	6.22	33.94	26.71	137.1	4.32	4.14	1478.2
250	5.95	33.93	26.74	134.8	4.65	4.94	1477.5
300	5.49	33.97	26.83	126.7	5.30	6.72	1476.5
400	4.94	34.02	26.93	117.4	6.51	10.94	1476.0
500	4.59	34.12	27.05	106.8	7.63	15.99	1476.3
600	4.23	34.20	27.15	98.2	8.66	21.62	1476.5
800	3.80	34.31	27.28	86.8	10.51	34.52	1478.2
1000	3.41	34.41	27.40	76.0	12.13	49.04	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1045.5	3.31	34.43	27.42	74.1	12.47	52.54	1480.3

WIND MIXED LAYER DEPTH = 59.0 METRES



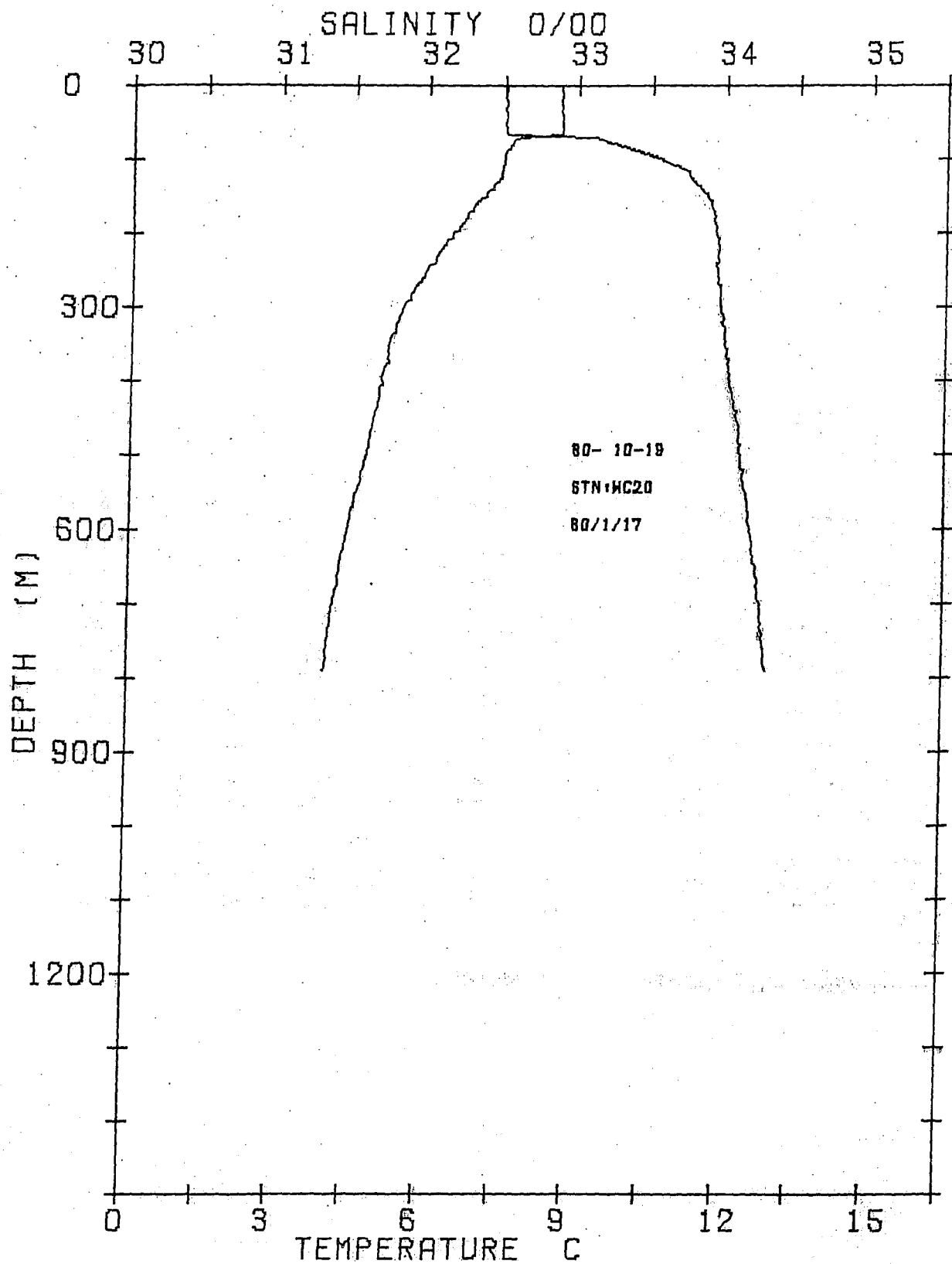
CRUISE : C.O.D.E. 80-10.
 STATION: WC19 CONS #018
 LAT N 48 48.0 LONG W 127 37.5
 DATE 80/01/17 TIME (PST) 0342

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.62	32.45	25.21	277.0	.00	.00	1482.0
10	8.63	32.48	25.23	275.3	.27	.01	1482.2
20	8.62	32.48	25.23	275.0	.55	.06	1482.4
30	8.62	32.49	25.24	274.7	.82	.12	1482.5
50	8.63	32.49	25.24	275.0	1.37	.34	1482.9
75	7.74	33.18	25.91	211.4	2.02	.75	1480.8
100	7.48	33.57	26.25	179.1	2.52	1.18	1480.7
125	7.25	33.81	26.47	159.0	2.94	1.65	1480.5
150	7.00	33.89	26.57	150.1	3.32	2.18	1480.0
175	6.78	33.91	26.62	145.4	3.69	2.77	1479.6
200	6.48	33.95	26.69	139.2	4.05	3.44	1478.9
225	6.20	33.96	26.73	135.2	4.39	4.17	1478.2
250	5.96	33.96	26.76	132.3	4.72	4.97	1477.6
300	5.58	33.99	26.83	126.5	5.37	6.74	1476.9
400	5.05	34.04	26.94	117.0	6.59	11.00	1476.5
500	4.57	34.12	27.05	107.1	7.71	16.04	1476.2
600	4.26	34.19	27.14	98.8	8.74	21.70	1476.7
800	3.75	34.30	27.28	86.8	10.60	34.64	1478.0
1000	3.47	34.40	27.39	77.4	12.24	49.39	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1040.9	3.38	34.41	27.41	75.9	12.55	52.57	1480.5

WIND MIXED LAYER DEPTH = 65.1 METRES



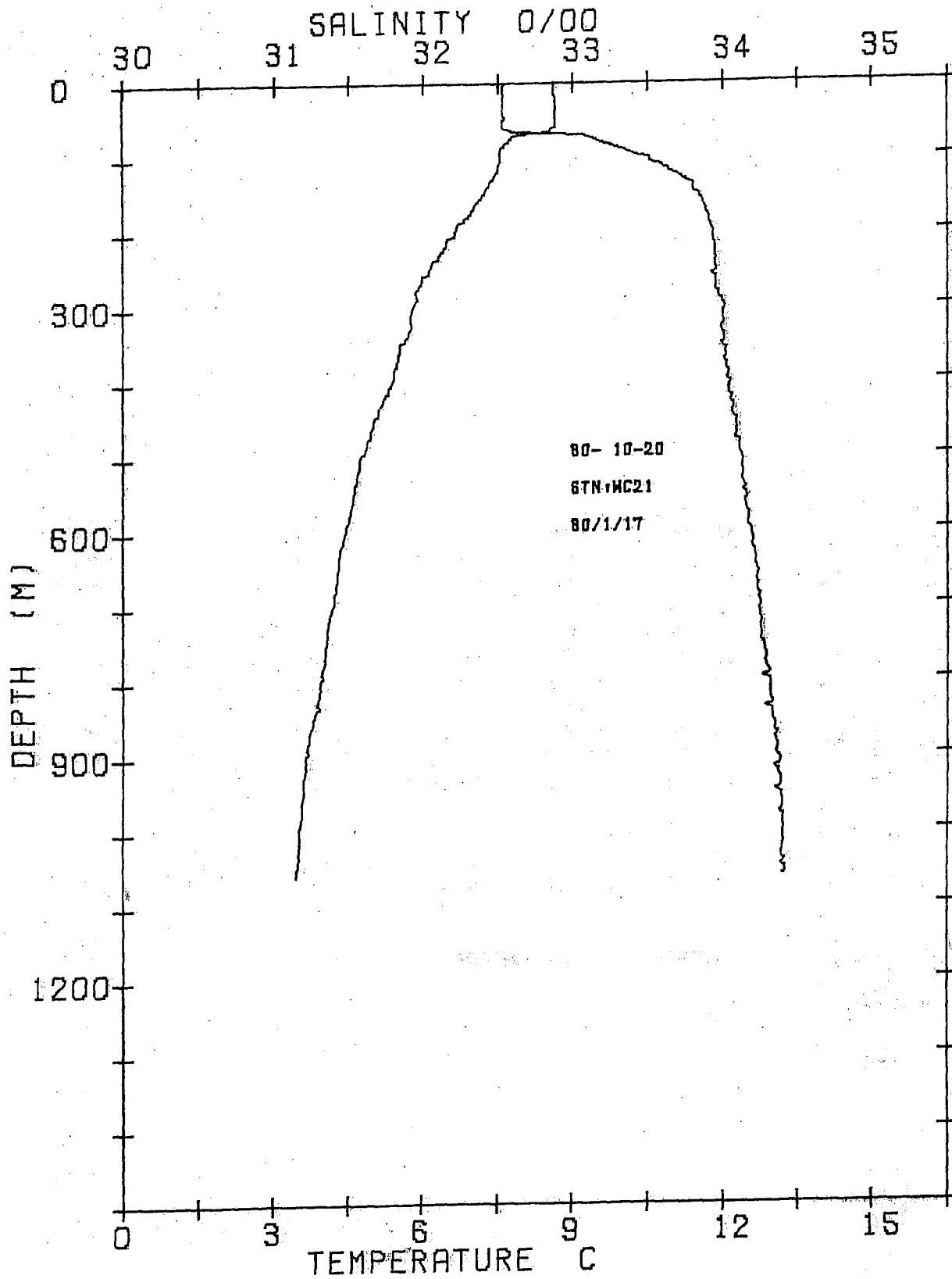
CRUISE : C.O.D.E. 80-10.
 STATION: WC20 CONS #019
 LAT N 48 53.5 LONG W 127 29.0
 DATE 80/01/17 TIME (PST) 0521

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.64	32.51	25.25	272.8	.00	.00	1482.1
10	8.66	32.50	25.24	274.1	.27	.01	1482.4
20	8.65	32.51	25.25	273.6	.55	.05	1482.5
30	8.66	32.50	25.24	274.4	.82	.12	1482.7
50	8.67	32.50	25.24	274.8	1.37	.34	1483.0
75	7.70	33.20	25.93	209.0	2.01	.74	1480.6
100	7.50	33.56	26.24	180.2	2.49	1.16	1480.7
125	7.43	33.77	26.41	164.3	2.92	1.64	1481.1
150	7.13	33.88	26.54	152.4	3.31	2.18	1480.5
175	6.79	33.93	26.63	144.6	3.68	2.78	1479.6
200	6.51	33.94	26.67	140.6	4.04	3.45	1479.0
225	6.24	33.95	26.72	136.4	4.39	4.18	1478.3
250	6.00	33.95	26.75	133.5	4.72	4.99	1477.8
300	5.55	33.98	26.82	126.9	5.38	6.78	1476.8
400	5.10	34.04	26.93	117.6	6.60	11.04	1476.7
500	4.83	34.12	27.02	110.1	7.73	16.14	1477.3
600	4.45	34.19	27.12	100.8	8.78	21.93	1477.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
790.0	4.00	34.32	27.27	88.1	10.58	34.34	1478.9

WIND MIXED LAYER DEPTH = 65.0 METRES



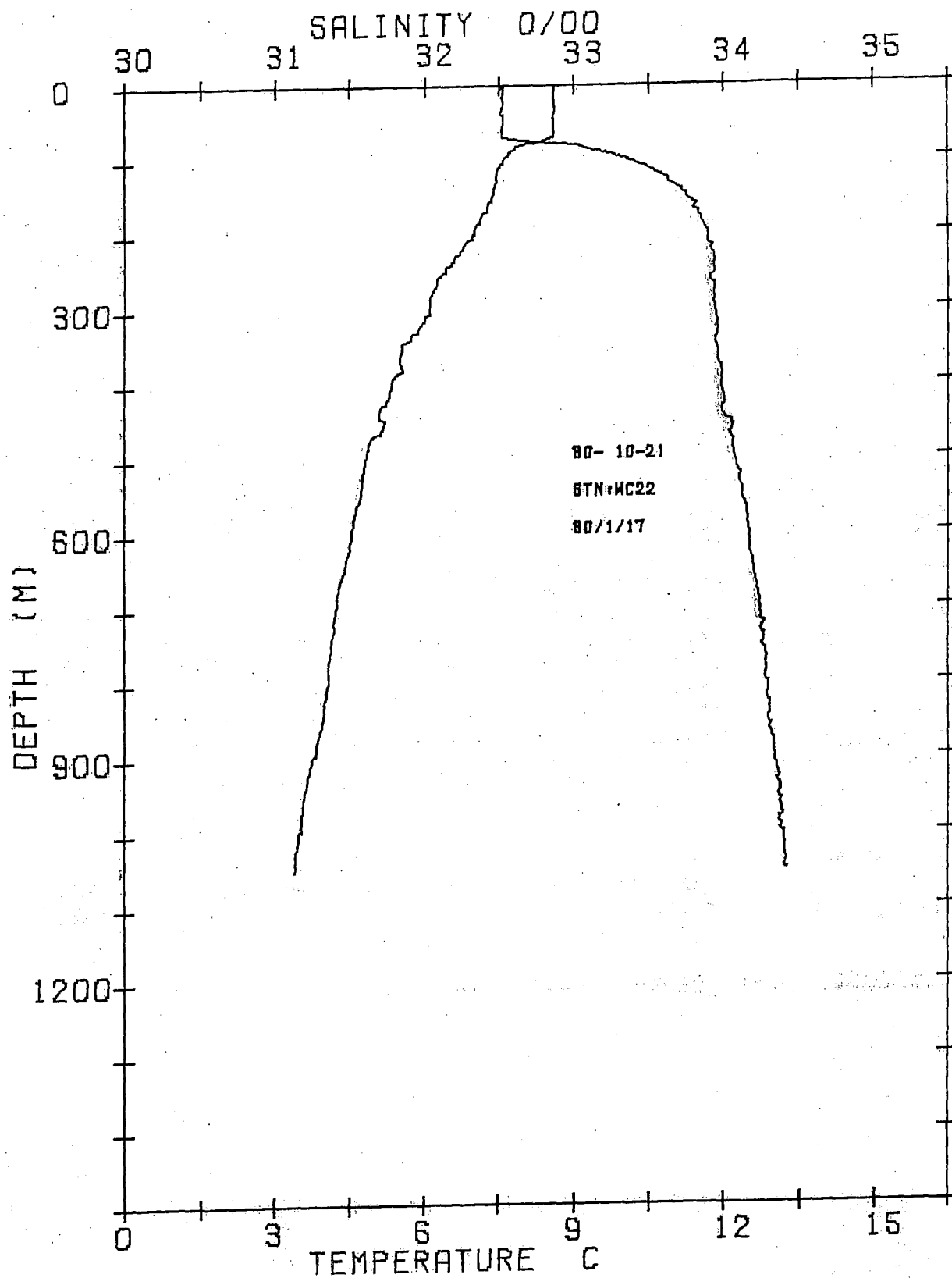
CRUISE : C.O.D.E. 80-10.
 STATION: WC21 CONS #020
 LAT N 48 59.0 LONG W 127 19.5
 DATE 80/01/17 TIME (PST) 0746

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.61	32.54	25.27	270.6	.00	.00	1482.1
10	8.62	32.53	25.27	271.1	.27	.01	1482.2
20	8.63	32.53	25.27	271.5	.54	.05	1482.4
30	8.63	32.53	25.26	272.0	.81	.12	1482.6
50	8.63	32.53	25.27	271.7	1.36	.34	1482.9
75	7.77	33.15	25.88	213.8	1.99	.73	1480.9
100	7.56	33.51	26.19	185.2	2.49	1.17	1480.9
125	7.44	33.72	26.38	167.8	2.94	1.67	1481.1
150	7.23	33.84	26.49	156.9	3.34	2.22	1480.8
175	6.96	33.90	26.58	149.0	3.72	2.84	1480.3
200	6.66	33.94	26.65	142.5	4.09	3.52	1479.6
225	6.41	33.95	26.70	138.6	4.44	4.27	1479.0
250	6.15	33.96	26.74	134.9	4.78	5.08	1478.4
300	5.82	34.02	26.82	127.4	5.44	6.89	1478.0
400	5.40	34.05	26.90	121.0	6.69	11.28	1477.9
500	4.78	34.13	27.04	108.3	7.85	16.46	1477.1
600	4.46	34.20	27.12	100.8	8.90	22.24	1477.5
800	3.95	34.32	27.27	87.9	10.78	35.39	1478.8
1000	3.52	34.41	27.39	77.8	12.43	50.15	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1060.0	3.46	34.40	27.39	77.7	12.90	54.97	1481.1

WIND MIXED LAYER DEPTH = 64.7 METRES



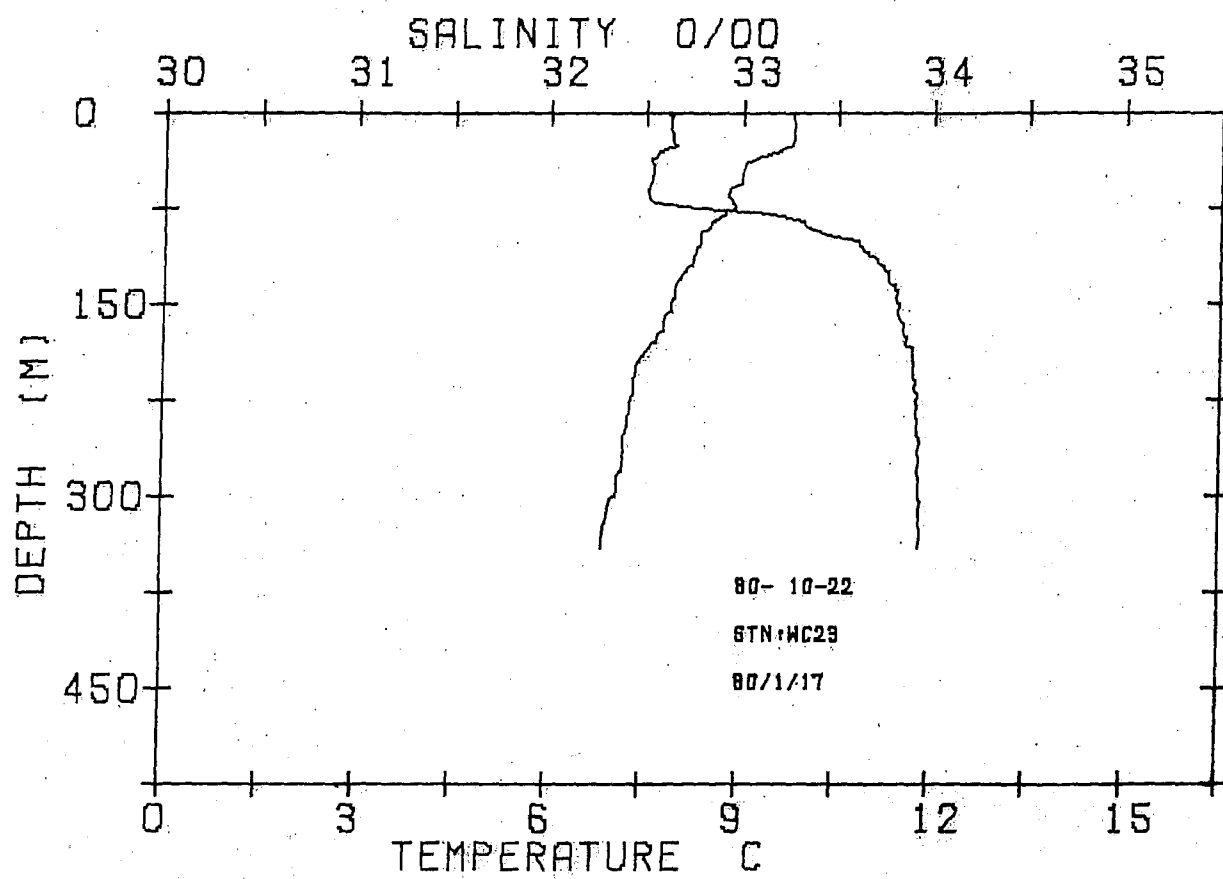
CRUISE : C.O.D.E. 80-10.
 STATION: WC22 CONS #021
 LAT N 49 04.5 LONG W 127 11.0
 DATE 80/01/17 TIME (PST) 1000

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.62	32.53	25.27	271.4	.00	.00	1482.1
10	8.61	32.53	25.27	271.5	.27	.01	1482.2
20	8.62	32.53	25.27	271.6	.54	.05	1482.4
30	8.63	32.52	25.26	272.1	.81	.12	1482.6
50	8.61	32.53	25.27	272.1	1.36	.34	1482.9
75	8.42	32.71	25.44	255.8	2.04	.76	1482.8
100	7.63	33.35	26.06	197.7	2.58	1.23	1481.0
125	7.44	33.63	26.31	174.5	3.04	1.75	1481.0
150	7.38	33.76	26.41	164.6	3.47	2.34	1481.4
175	7.18	33.85	26.51	155.8	3.87	2.99	1481.1
200	7.01	33.90	26.57	150.1	4.25	3.70	1480.9
225	6.73	33.94	26.64	143.6	4.62	4.48	1480.2
250	6.43	33.95	26.69	139.4	4.97	5.32	1479.5
300	6.10	33.95	26.74	135.5	5.66	7.21	1479.0
400	5.34	33.99	26.86	124.2	6.95	11.73	1477.6
500	4.84	34.08	26.99	113.1	8.14	17.07	1477.3
600	4.56	34.17	27.10	103.5	9.22	23.00	1477.9
800	4.08	34.30	27.25	90.6	11.14	36.42	1479.3
1000	3.49	34.40	27.38	78.0	12.83	51.55	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1050.0	3.38	34.42	27.41	75.3	13.21	55.50	1480.7

WIND MIXED LAYER DEPTH = 71.7 METRES



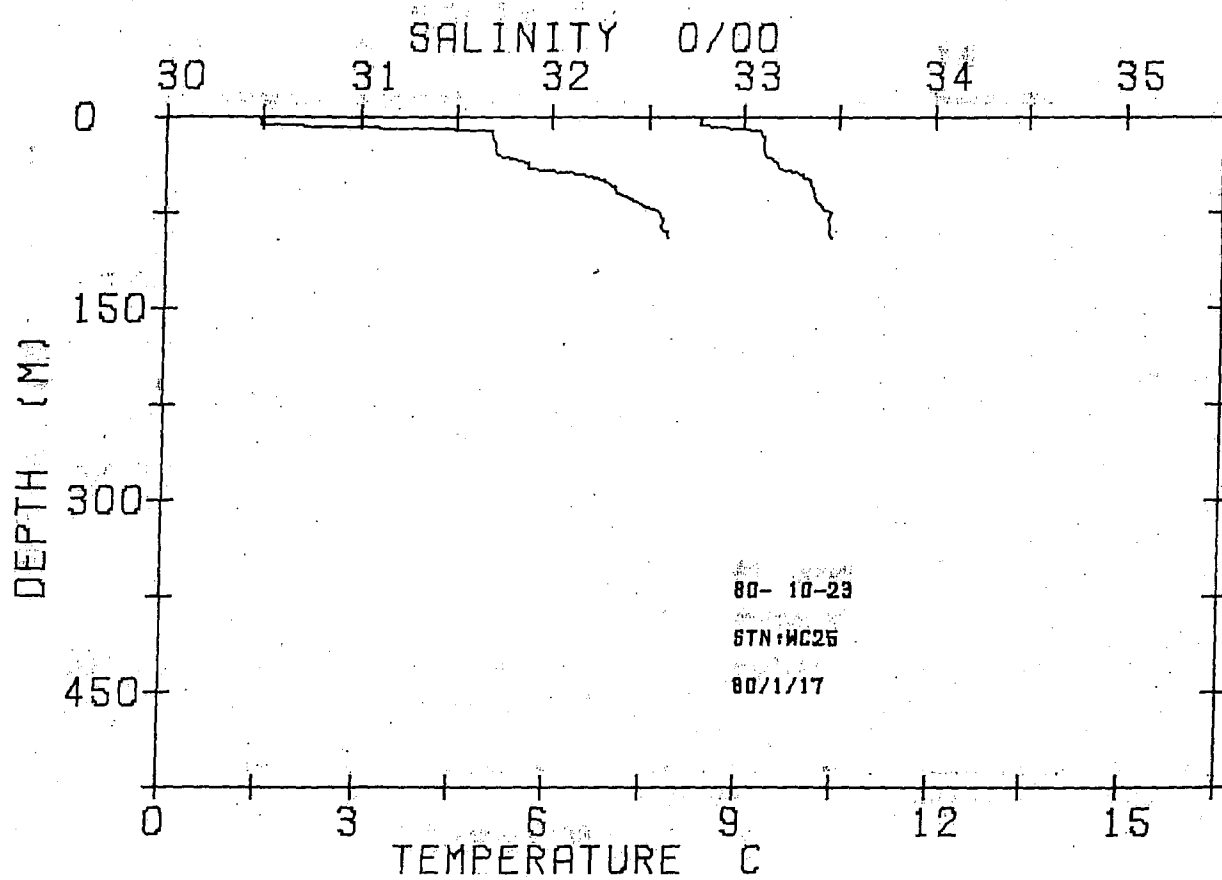
CRUISE : C.O.D.E. 80-10.
 STATION: WC23 CONS #022
 LAT N 49 10.0 LONG W 127 02.0
 DATE 80/01/17 TIME (PST) 1209

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.80	32.62	25.16	281.8	.00	.00	1486.6
10	9.81	32.63	25.16	281.5	.28	.01	1486.8
20	9.80	32.64	25.17	281.2	.56	.06	1487.0
30	9.63	32.58	25.15	282.8	.84	.13	1486.4
50	9.01	32.53	25.21	277.5	1.40	.35	1484.4
75	8.89	32.77	25.41	258.7	2.09	.78	1484.6
100	8.37	33.61	26.15	189.3	2.63	1.25	1484.2
125	8.16	33.77	26.31	174.4	3.08	1.76	1484.0
150	7.92	33.83	26.39	167.0	3.51	2.34	1483.5
175	7.72	33.86	26.45	161.9	3.92	3.01	1483.2
200	7.40	33.91	26.53	154.2	4.31	3.75	1482.4
225	7.31	33.92	26.55	152.7	4.70	4.57	1482.5
250	7.24	33.93	26.57	151.7	5.08	5.47	1482.7
300	7.09	33.94	26.60	149.3	5.83	7.54	1482.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
345.3	6.82	44.55	35.02	*****	6.30	9.02	1496.8

WIND MIXED LAYER DEPTH = 70.0 METRES

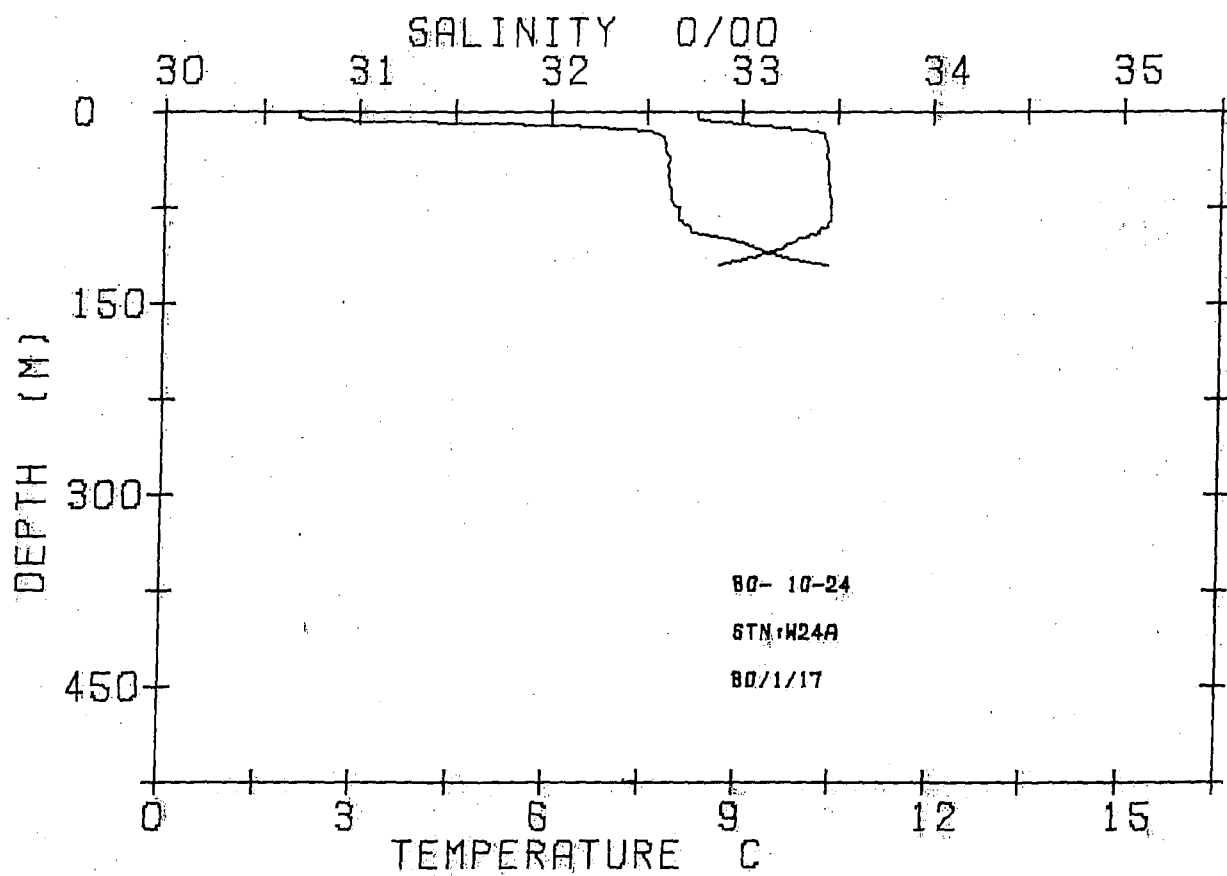


CRUISE : C.O.D.E. 80-10.
 STATION: WC25 CONS #023
 LAT N 49 21.5 LONG W 126 44.5
 DATE 80/01/17 TIME (PST) 1550

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.33	30.48	23.71	419.4	.00	.00	1478.4
10	9.25	31.66	24.50	344.9	.40	.02	1483.5
20	9.34	31.70	24.51	343.3	.75	.07	1484.0
30	9.37	31.73	24.53	342.2	1.09	.16	1484.3
50	10.05	32.27	24.84	313.0	1.75	.42	1487.9
75	10.36	32.57	25.02	296.4	2.51	.90	1489.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
95.0	10.40	32.61	25.05	294.1	3.10	1.40	1490.3

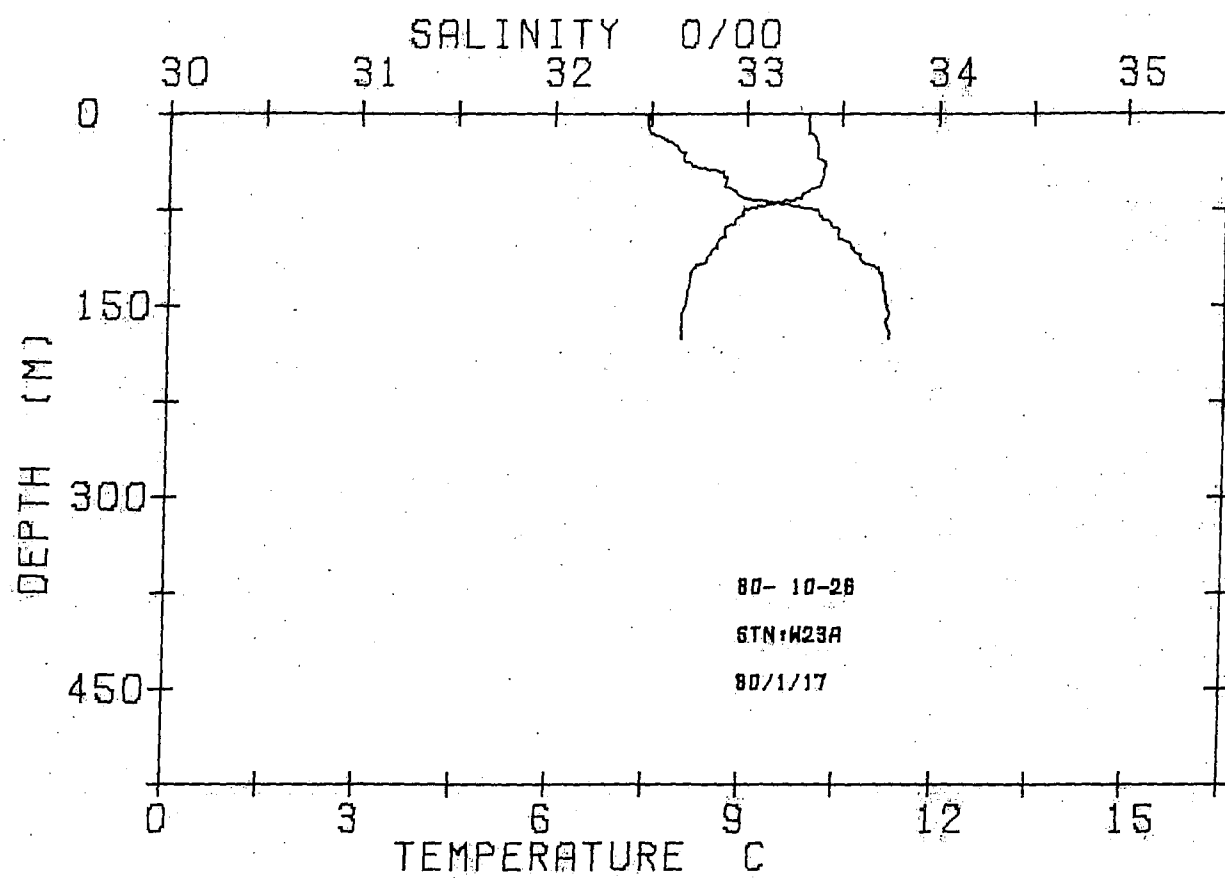


CRUISE : C.O.D.E. 80-10.
 STATION: W24A CONS #024
 LAT N 49 18.1 LONG W 126 48.5
 DATE 80/01/17 TIME (PST) 1633

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.28	30.68	23.87	403.9	.00	.00	1478.4
10	9.24	32.03	24.78	317.4	.38	.02	1483.9
20	10.28	32.59	25.05	292.4	.68	.06	1488.7
30	10.34	32.60	25.05	292.5	.98	.14	1489.1
50	10.35	32.61	25.05	292.6	1.56	.37	1489.4
75	10.41	32.67	25.09	289.7	2.29	.83	1490.1
100	9.89	32.95	25.39	261.1	3.00	1.44	1489.0
125	8.65	37.39	29.07	-86.4	3.50	2.00	1490.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
125.1	8.65	37.45	29.12	-91.0	3.50	2.00	1490.6



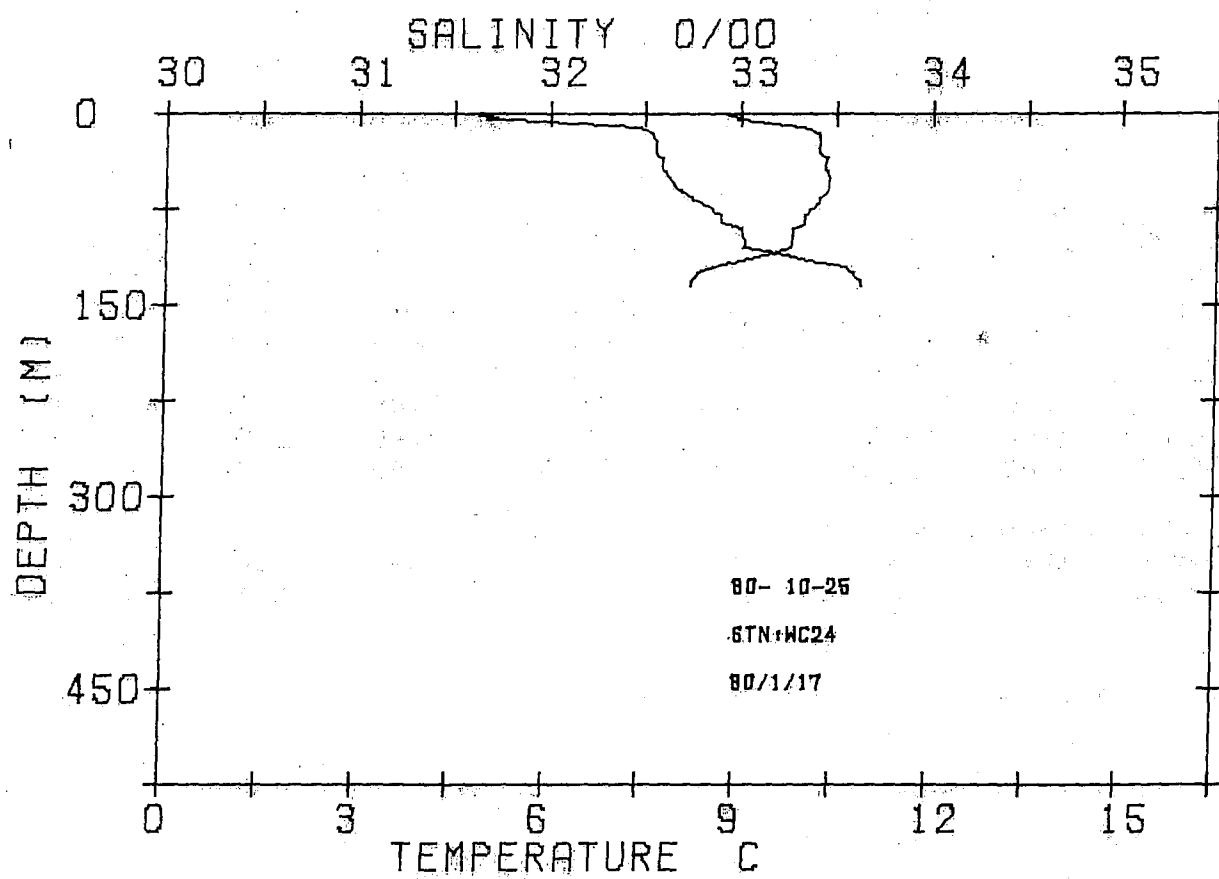
CRUISE : C.O.D.E. 80-10.
 STATION: W23A CONS #026
 LAT N 49 12.7 LONG W 126 57.2
 DATE 80/01/17 TIME (PST) 1751

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.95	32.49	25.02	294.3	.00	.00	1487.0
10	9.98	32.49	25.02	295.2	.29	.02	1487.3
20	10.07	32.58	25.08	289.5	.59	.06	1487.9
30	10.14	32.67	25.13	284.5	.87	.13	1488.4
50	10.23	32.90	25.30	269.5	1.43	.35	1489.4
75	9.04	33.37	25.86	216.5	2.06	.75	1486.0
100	8.59	33.55	26.07	196.9	2.58	1.20	1484.9
125	8.16	33.72	26.27	178.3	3.05	1.72	1483.9
150	8.06	33.75	26.31	174.7	3.49	2.33	1484.0
175	8.00	33.76	26.32	173.9	3.93	3.04	1484.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.9	8.00	33.76	26.32	174.0	3.94	3.07	1484.2

WIND MIXED LAYER DEPTH = 61.3 METRES

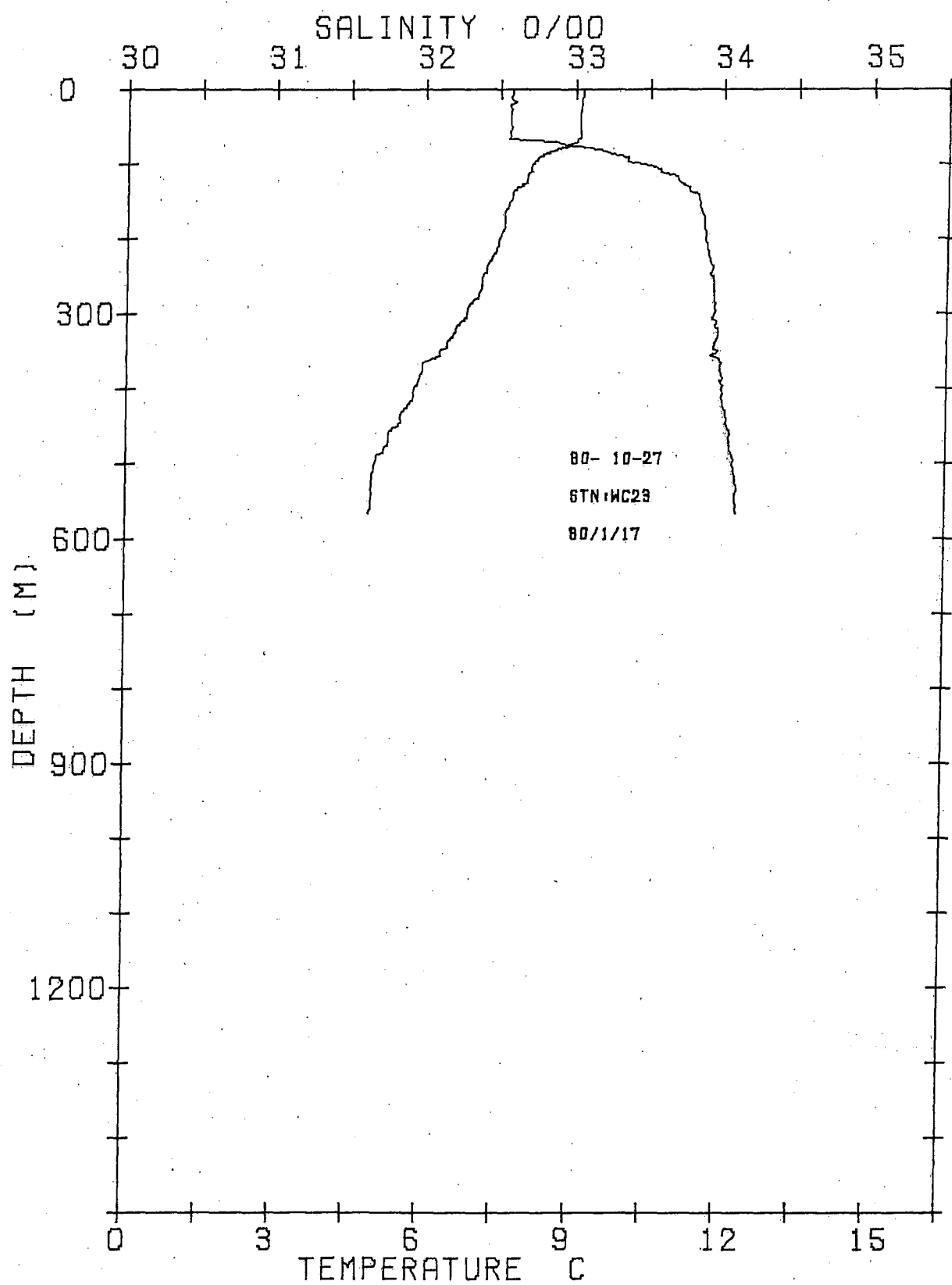


CRUISE : C.O.D.E. 80-10.
 STATION: WC24 CONS #025
 LAT N 49 15.5 LONG W 126 53.0
 DATE 80/01/17 TIME (PST) 1709

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.77	31.58	24.50	344.0	.00	.00	1481.4
10	9.94	32.45	25.00	296.9	.33	.02	1487.1
20	10.25	32.55	25.03	294.5	.62	.06	1488.5
30	10.25	32.56	25.03	294.7	.92	.13	1488.7
50	10.40	32.63	25.06	292.2	1.50	.37	1489.6
75	10.12	32.86	25.29	271.0	2.21	.81	1489.3
100	9.81	33.03	25.47	253.9	2.86	1.38	1488.8
125	8.34	33.59	26.14	190.5	3.43	2.01	1484.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
135.2	8.22	33.64	26.20	184.7	3.62	2.26	1484.2



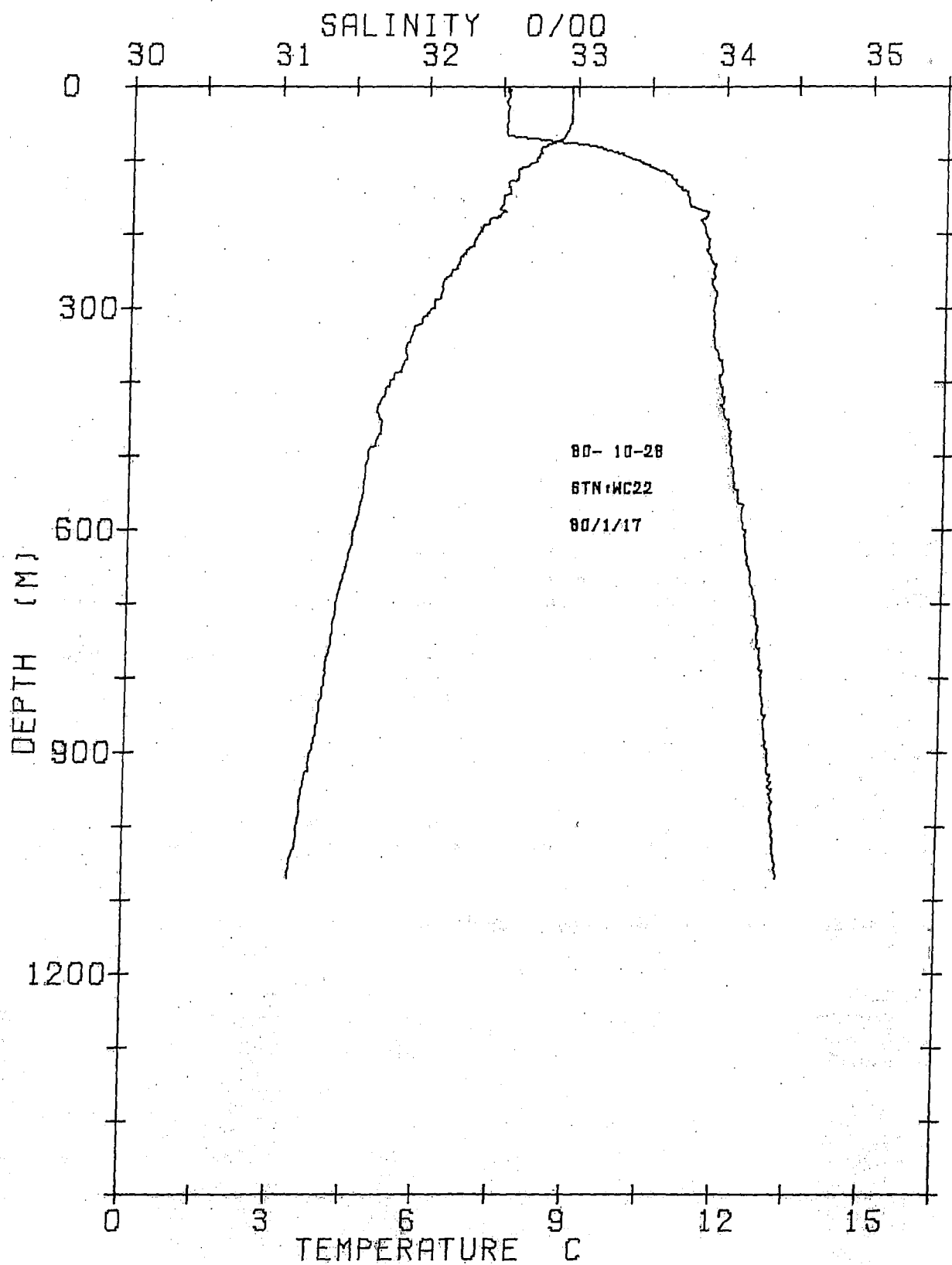
CRUISE : C.O.D.E. 80-10.
 STATION: WC23 CONS #027
 LAT N 49 10.0 LONG W 127 02.0
 DATE 80/01/17 TIME (PST) 1920

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.18	32.58	25.22	275.9	.00	.00	1484.2
10	9.15	32.57	25.22	275.9	.28	.01	1484.3
20	9.11	32.57	25.22	275.9	.55	.06	1484.3
30	9.11	32.57	25.23	275.7	.83	.12	1484.5
50	9.08	32.58	25.24	274.9	1.38	.34	1484.7
75	8.88	33.00	25.59	241.6	2.05	.76	1484.9
100	8.18	33.47	26.07	196.7	2.59	1.23	1483.3
125	8.03	33.73	26.30	175.5	3.05	1.75	1483.4
150	7.74	33.85	26.43	163.2	3.47	2.32	1482.9
175	7.62	33.88	26.48	159.2	3.87	2.98	1482.8
200	7.52	33.89	26.50	157.3	4.27	3.72	1482.9
225	7.38	33.92	26.54	153.5	4.66	4.55	1482.8
250	7.21	33.94	26.58	150.3	5.04	5.45	1482.5
300	6.88	33.95	26.63	145.7	5.78	7.49	1482.1
400	5.83	34.00	26.81	130.0	7.15	12.30	1479.6
500	5.05	34.08	26.97	115.1	8.38	17.80	1478.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
565.3	4.92	34.11	27.00	112.4	9.12	21.74	1478.7

WIND MIXED LAYER DEPTH = 68.4 METRES



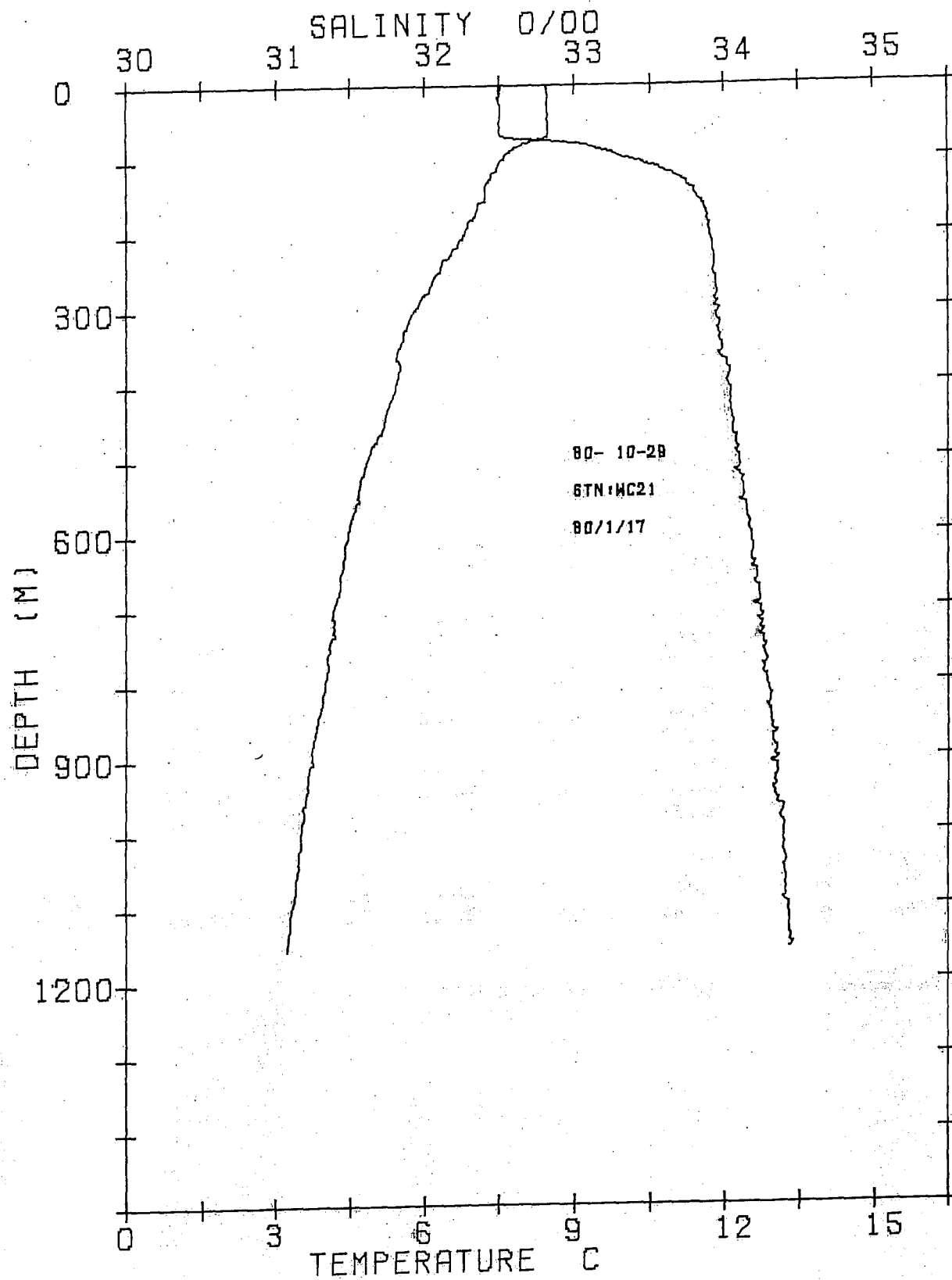
CRUISE : C.O.D.E. 80-10.
 STATION: WC22 CONS #028
 LAT N 49 04.5 LONG W 127 11.0
 DATE 80/01/17 TIME (PST) 2046

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.88	32.53	25.23	274.7	.00	.00	1483.1
10	8.87	32.54	25.24	274.3	.27	.01	1483.2
20	8.89	32.52	25.22	276.4	.55	.06	1483.4
30	8.89	32.53	25.23	275.3	.82	.12	1483.6
50	8.88	32.52	25.22	276.4	1.38	.34	1483.9
75	8.53	32.93	25.59	241.4	2.05	.76	1483.5
100	8.18	33.42	26.03	200.4	2.59	1.23	1483.2
125	7.83	33.66	26.27	178.0	3.06	1.76	1482.6
150	7.54	33.76	26.39	166.9	3.49	2.35	1482.0
175	7.47	33.87	26.49	157.8	3.89	3.01	1482.2
200	7.06	33.88	26.55	152.3	4.28	3.74	1481.1
225	6.79	33.90	26.61	147.0	4.65	4.53	1480.4
250	6.51	33.93	26.67	141.6	5.01	5.39	1479.8
300	6.14	33.93	26.72	137.6	5.71	7.30	1479.1
400	5.26	33.98	26.87	124.0	7.01	11.85	1477.2
500	4.85	34.07	26.98	113.7	8.20	17.19	1477.3
600	4.59	34.17	27.09	104.4	9.30	23.24	1478.0
800	4.02	34.30	27.25	90.0	11.24	36.72	1479.1
1000	3.52	34.39	27.38	78.7	12.93	51.88	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1070.4	3.35	34.42	27.42	75.0	13.47	57.48	1480.9

WIND MIXED LAYER DEPTH = 67.5 METRES



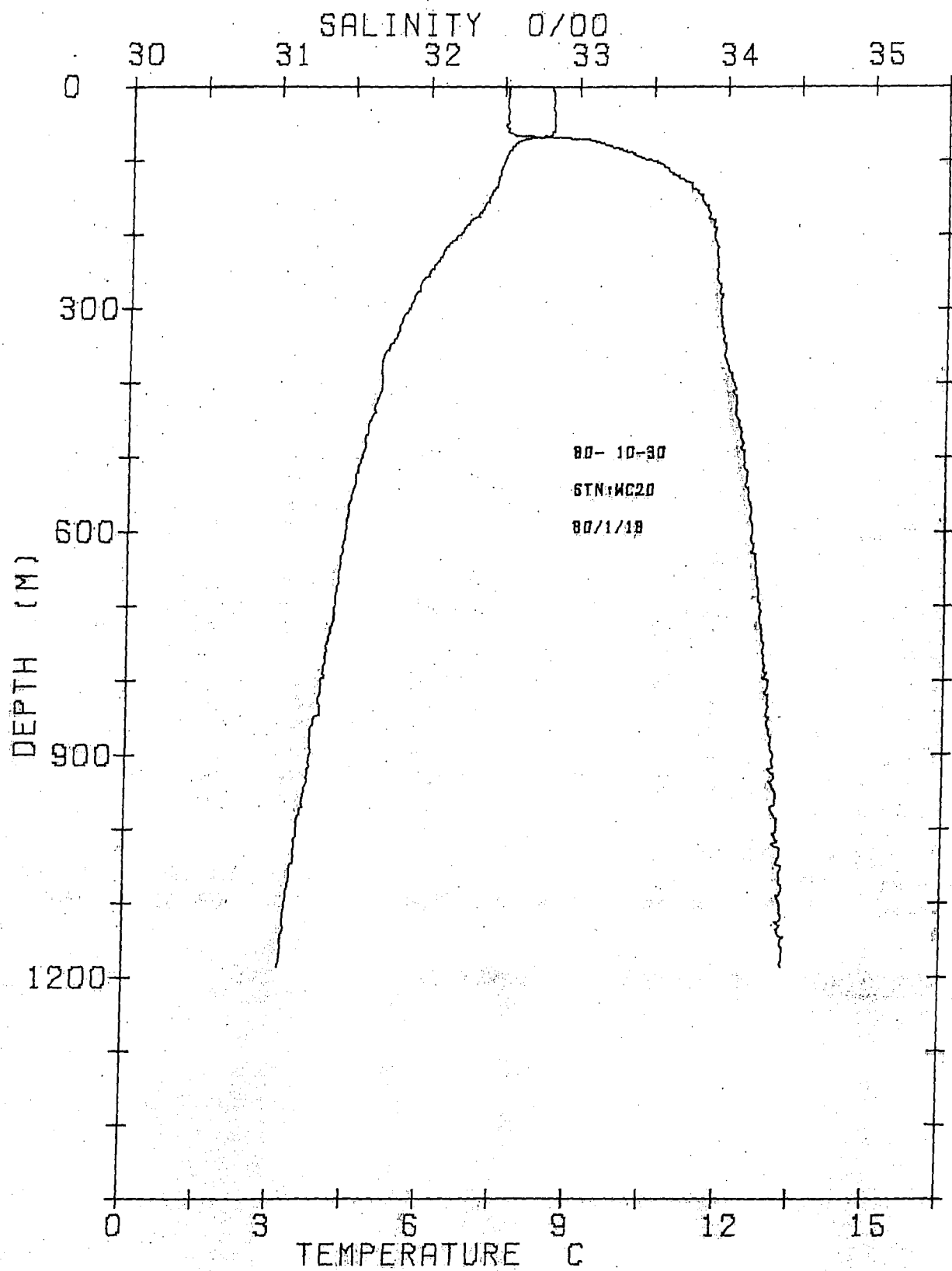
CRUISE : C.O.D.E. 80-10.
 STATION: WC21 CONS #029
 LAT N 48 59.0 LONG W 127 19.5
 DATE 80/01/17 TIME (PST) 2302

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.45	32.51	25.28	270.3	.00	.00	1481.4
10	8.45	32.51	25.28	270.6	.27	.01	1481.5
20	8.47	32.50	25.27	271.2	.54	.05	1481.8
30	8.47	32.51	25.28	270.8	.81	.12	1482.0
50	8.49	32.50	25.26	272.3	1.36	.34	1482.3
75	8.14	32.91	25.64	236.8	2.03	.76	1482.0
100	7.59	33.38	26.08	195.1	2.56	1.22	1480.9
125	7.35	33.72	26.38	167.1	3.00	1.72	1480.8
150	7.22	33.82	26.49	157.7	3.41	2.27	1480.8
175	7.01	33.90	26.57	149.7	3.79	2.90	1480.5
200	6.80	33.91	26.61	146.3	4.16	3.59	1480.1
225	6.54	33.94	26.67	141.1	4.52	4.35	1479.5
250	6.29	33.93	26.70	138.7	4.87	5.18	1478.9
300	5.82	33.96	26.78	131.1	5.54	7.03	1477.9
400	5.45	34.03	26.88	122.7	6.80	11.45	1478.1
500	4.87	34.10	27.00	111.8	7.98	16.73	1477.5
600	4.47	34.19	27.11	101.6	9.05	22.61	1477.5
800	4.03	34.30	27.25	90.2	10.96	35.95	1479.1
1000	3.51	34.40	27.39	77.9	12.63	50.97	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1155.1	3.25	34.44	27.44	73.0	13.81	63.61	1481.9

WIND MIXED LAYER DEPTH = 69.5 METRES



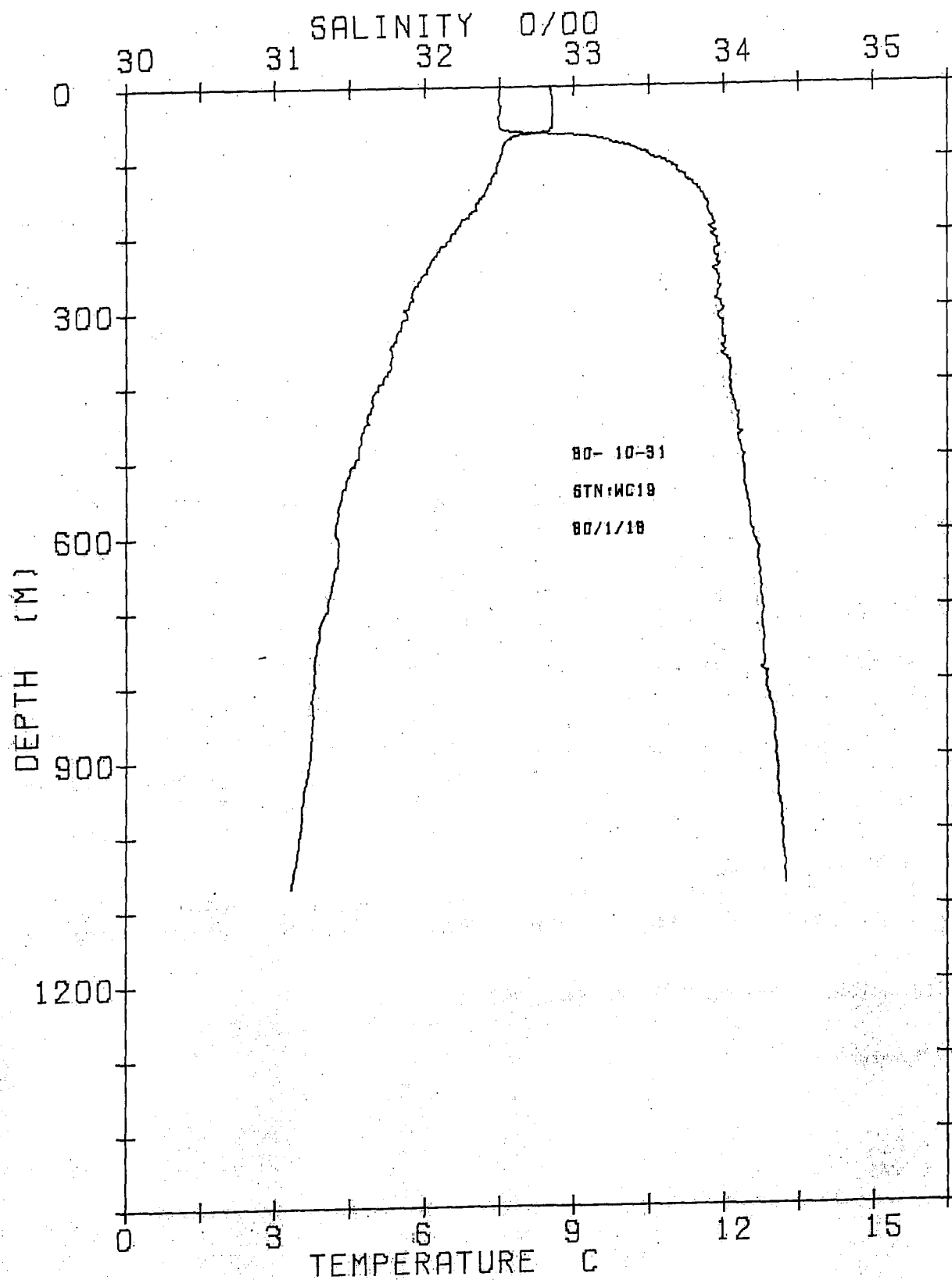
CRUISE : C.O.D.E. 80-10.
 STATION: WC20 CONS #030
 LAT N 48 53.5 LONG W 127 29.0
 DATE 80/01/18 TIME (PST) 0106

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.47	32.53	25.29	269.3	.00	.00	1481.5
10	8.49	32.53	25.29	269.6	.27	.01	1481.8
20	8.51	32.52	25.28	270.4	.54	.05	1482.0
30	8.50	32.53	25.29	269.9	.81	.12	1482.1
50	8.53	32.51	25.27	271.7	1.35	.34	1482.5
75	7.76	33.15	25.88	213.8	1.99	.73	1480.8
100	7.52	33.51	26.20	184.4	2.49	1.17	1480.8
125	7.41	33.71	26.37	168.0	2.93	1.66	1481.0
150	7.22	33.84	26.50	156.3	3.33	2.22	1480.8
175	6.98	33.88	26.57	150.3	3.71	2.84	1480.4
200	6.64	33.92	26.64	143.7	4.08	3.52	1479.5
225	6.31	33.94	26.70	138.2	4.43	4.26	1478.6
250	6.05	33.95	26.74	134.5	4.77	5.07	1477.9
300	5.64	33.97	26.81	128.6	5.42	6.87	1477.1
400	5.11	34.07	26.95	115.7	6.64	11.12	1476.7
500	4.74	34.13	27.04	107.9	7.76	16.15	1476.9
600	4.42	34.20	27.13	100.0	8.79	21.84	1477.4
800	3.97	34.32	27.27	87.9	10.68	35.03	1478.9
1000	3.52	34.40	27.38	78.0	12.35	50.03	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1185.3	3.18	34.45	27.46	71.5	13.74	65.19	1482.1

WIND MIXED LAYER DEPTH = 64.6 METRES



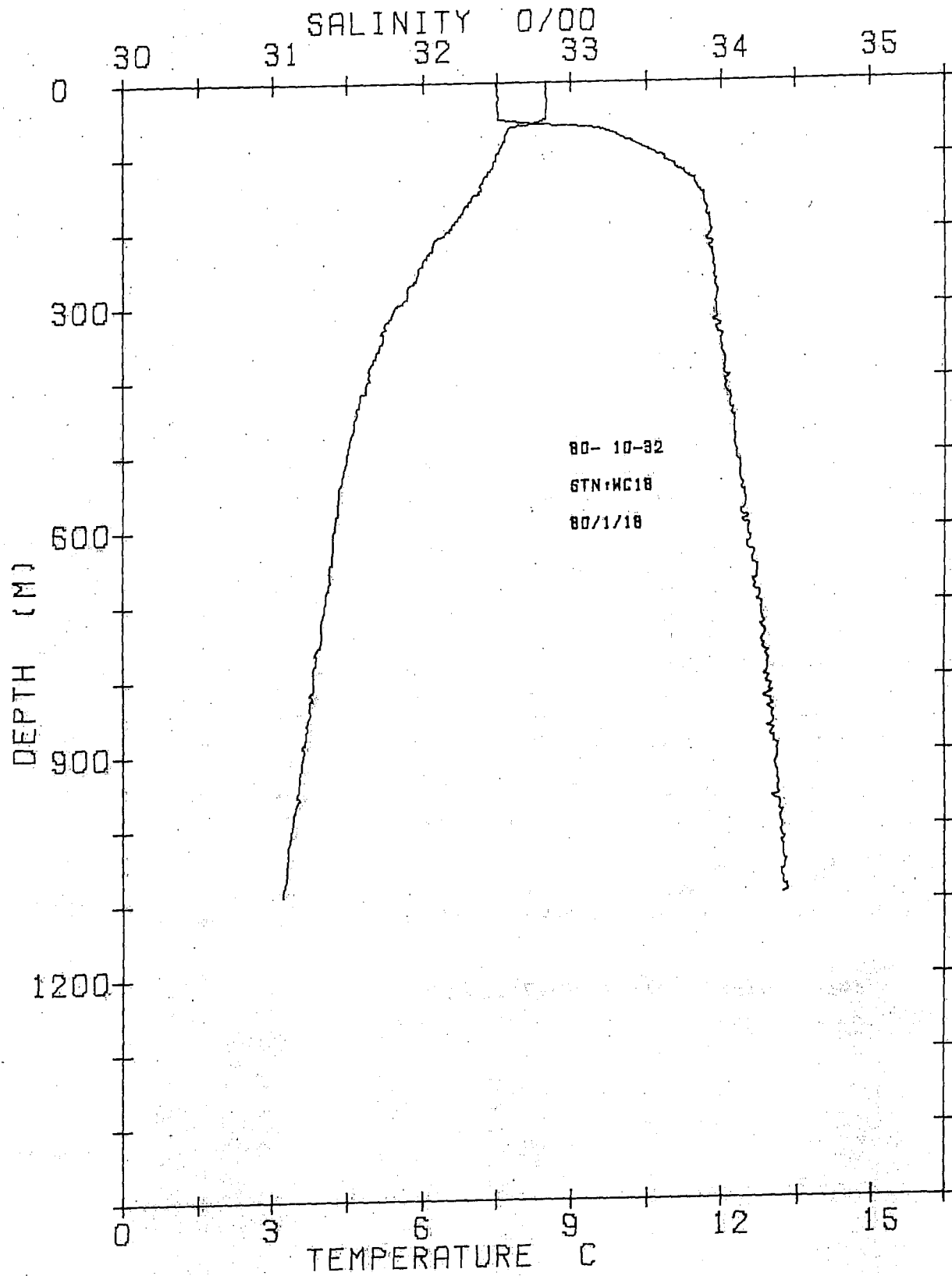
CRUISE : C.O.D.E. 80-10.
 STATION: WC19 CONS #031
 LAT N 48 48.0 LONG W 127 37.5
 DATE 80/01/18 TIME (PST) 0226

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.53	32.50	25.26	271.9	.00	.00	1481.7
10	8.55	32.50	25.26	272.3	.27	.01	1481.9
20	8.57	32.50	25.26	272.6	.55	.05	1482.2
30	8.57	32.50	25.25	272.9	.82	.12	1482.4
50	8.58	32.50	25.26	273.2	1.36	.34	1482.7
75	7.64	33.28	26.00	202.9	1.97	.71	1480.5
100	7.51	33.60	26.27	177.1	2.44	1.13	1480.8
125	7.36	33.76	26.42	164.0	2.87	1.60	1480.8
150	7.15	33.87	26.54	153.0	3.26	2.15	1480.6
175	6.86	33.92	26.61	146.3	3.64	2.75	1479.9
200	6.55	33.93	26.66	142.0	3.99	3.42	1479.1
225	6.23	33.94	26.71	137.3	4.34	4.16	1478.3
250	6.02	33.95	26.74	134.2	4.68	4.96	1477.8
300	5.60	34.00	26.84	125.8	5.33	6.75	1477.0
400	5.08	34.05	26.94	116.6	6.56	11.05	1476.6
500	4.64	34.13	27.05	106.5	7.68	16.07	1476.5
600	4.23	34.20	27.15	97.6	8.70	21.67	1476.5
800	3.80	34.29	27.27	87.6	10.54	34.53	1478.1
1000	3.50	34.40	27.38	78.3	12.19	49.32	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1070.4	3.33	34.42	27.42	74.9	12.72	54.89	1480.8

WIND MIXED LAYER DEPTH = 59.7 METRES



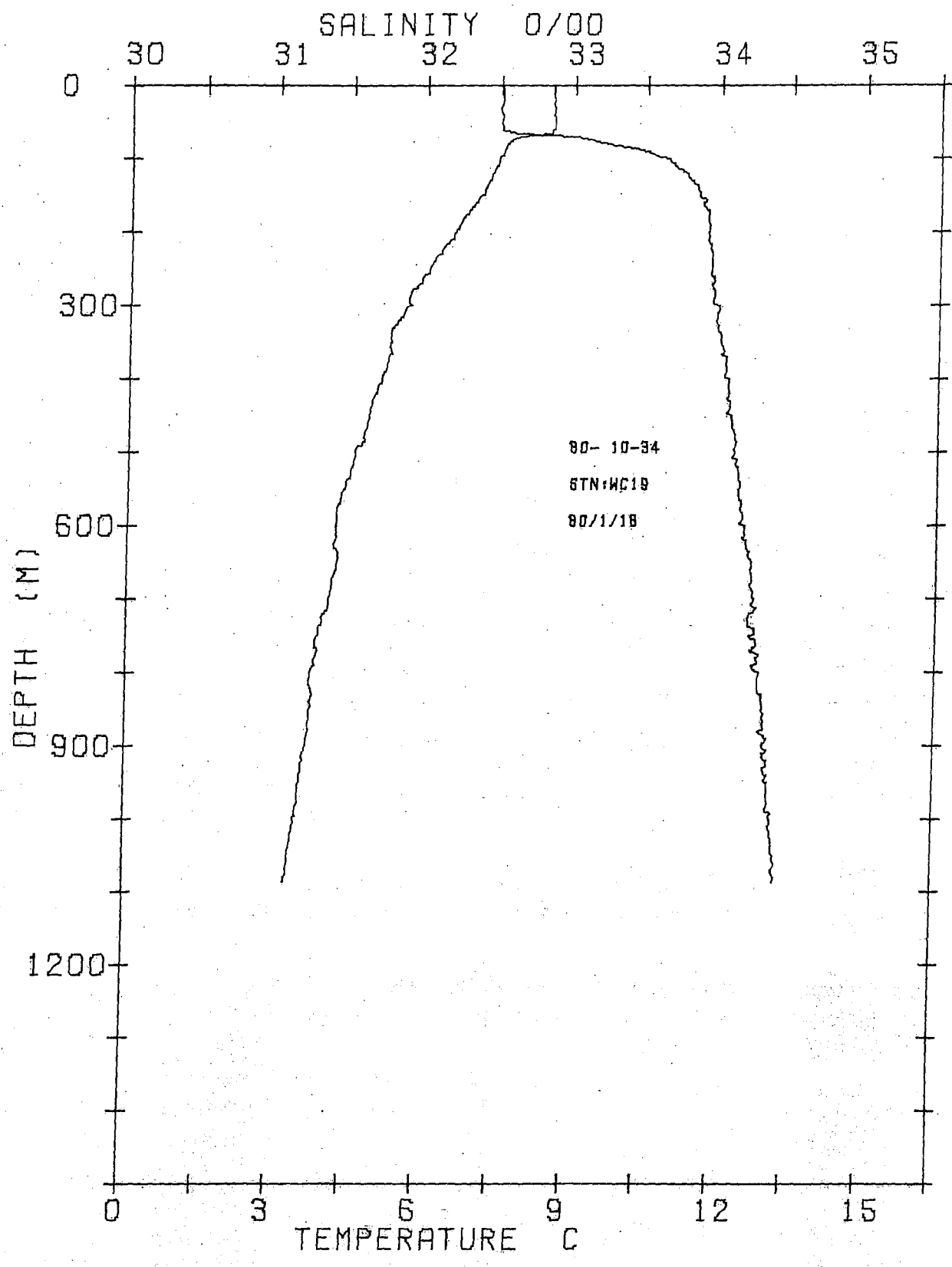
CRUISE : C.O.D.E. 80-10.
 STATION: WC18 CONS #052
 LAT N 48 42.0 LONG W 127 46.0
 DATE 80/01/18 TIME (PST) 0400

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.49	32.50	25.26	271.7	.00	.00	1481.6
10	8.51	32.50	25.26	272.0	.27	.01	1481.8
20	8.50	32.51	25.27	271.5	.54	.05	1481.9
30	8.51	32.50	25.26	272.3	.82	.12	1482.1
50	8.49	32.51	25.27	271.3	1.36	.34	1482.4
75	7.66	33.35	26.05	197.6	1.91	.68	1480.7
100	7.48	33.62	26.29	175.4	2.38	1.09	1480.7
125	7.28	33.78	26.44	161.4	2.80	1.56	1480.6
150	7.10	33.88	26.55	151.6	3.19	2.10	1480.4
175	6.81	33.90	26.60	146.7	3.57	2.70	1479.7
200	6.53	33.93	26.67	141.0	3.92	3.38	1479.0
225	6.17	33.94	26.72	136.3	4.27	4.11	1478.0
250	5.91	33.96	26.77	131.7	4.61	4.91	1477.4
300	5.51	33.97	26.82	127.2	5.26	6.69	1476.6
400	4.94	34.04	26.94	116.4	6.47	10.92	1476.0
500	4.50	34.11	27.05	106.8	7.57	15.90	1475.9
600	4.27	34.18	27.13	100.1	8.60	21.55	1476.7
800	3.80	34.32	27.29	85.9	10.46	34.48	1478.2
1000	3.41	34.41	27.40	76.1	12.09	49.13	1480.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1090.0	3.25	34.42	27.42	74.5	12.76	56.14	1480.8

WIND MIXED LAYER DEPTH = 52.8 METRES



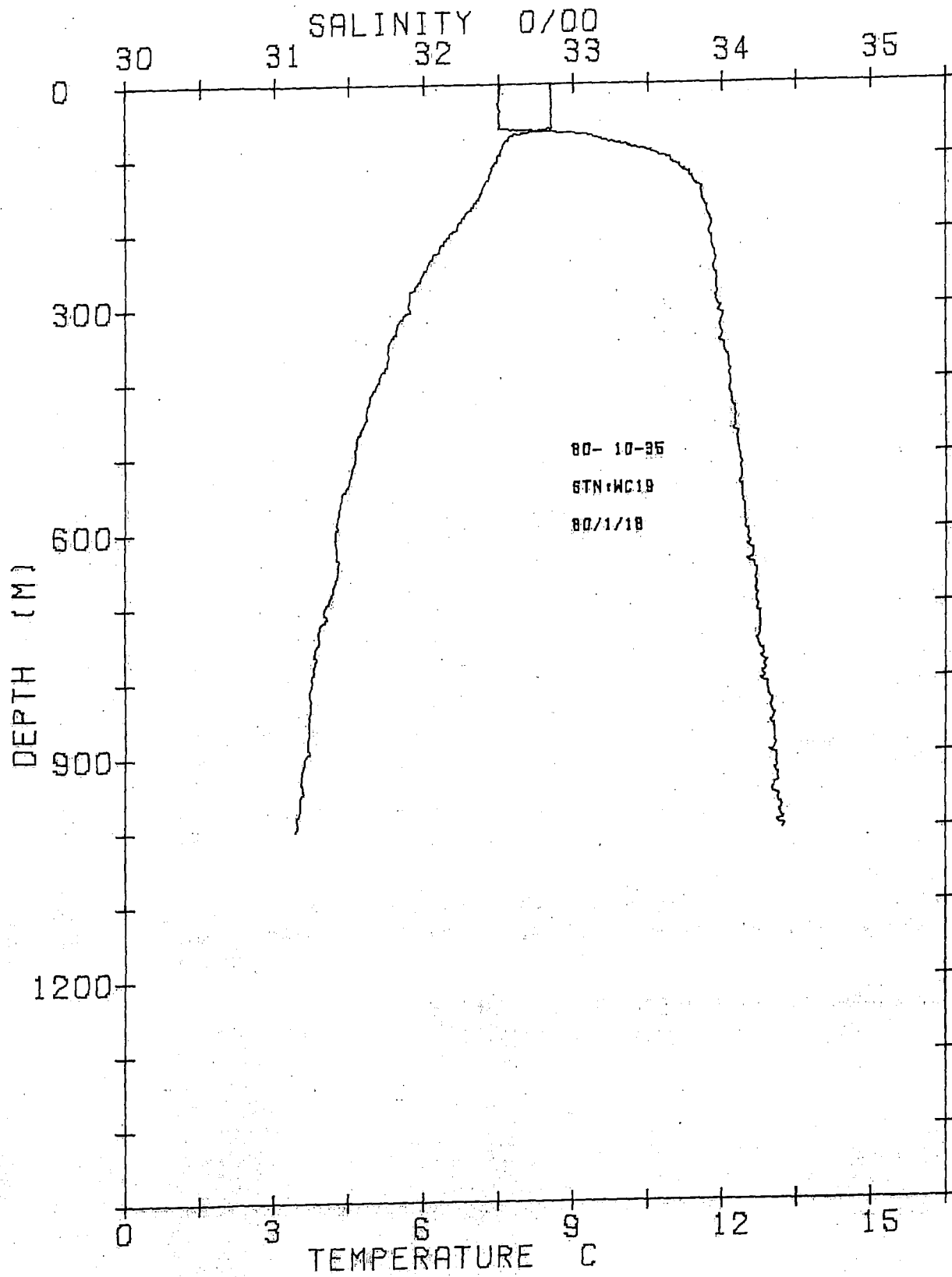
CRUISE : C.O.D.E. 80-10.
 STATION: WC19 CONS #034
 LAT N 48 48.0 LONG W 127 37.5
 DATE 80/01/18 TIME (PST) 0512

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.54	32.50	25.26	272.1	.00	.00	1481.7
10	8.56	32.51	25.26	271.9	.27	.01	1482.0
20	8.57	32.51	25.26	272.5	.54	.05	1482.2
30	8.58	32.49	25.25	273.7	.82	.12	1482.4
50	8.58	32.50	25.25	273.6	1.36	.34	1482.7
75	7.72	33.15	25.89	213.1	2.01	.74	1480.7
100	7.48	33.65	26.32	173.2	2.48	1.16	1480.8
125	7.31	33.79	26.45	160.7	2.90	1.63	1480.7
150	7.15	33.86	26.53	153.8	3.29	2.16	1480.6
175	6.84	33.92	26.61	145.8	3.67	2.77	1479.8
200	6.61	33.92	26.65	142.9	4.03	3.44	1479.4
225	6.35	33.95	26.70	138.2	4.38	4.19	1478.8
250	6.09	33.95	26.74	134.7	4.72	5.00	1478.1
300	5.70	34.00	26.82	127.0	5.38	6.80	1477.4
400	5.14	34.07	26.94	116.3	6.59	11.06	1476.9
500	4.61	34.12	27.05	107.2	7.72	16.10	1476.4
600	4.23	34.19	27.14	99.0	8.75	21.77	1476.5
800	3.76	34.31	27.28	86.4	10.61	34.79	1478.0
1000	3.46	34.41	27.40	76.5	12.26	49.59	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1085.2	3.29	34.43	27.42	74.3	12.90	56.28	1480.9

WIND MIXED LAYER DEPTH = 64.8 METRES



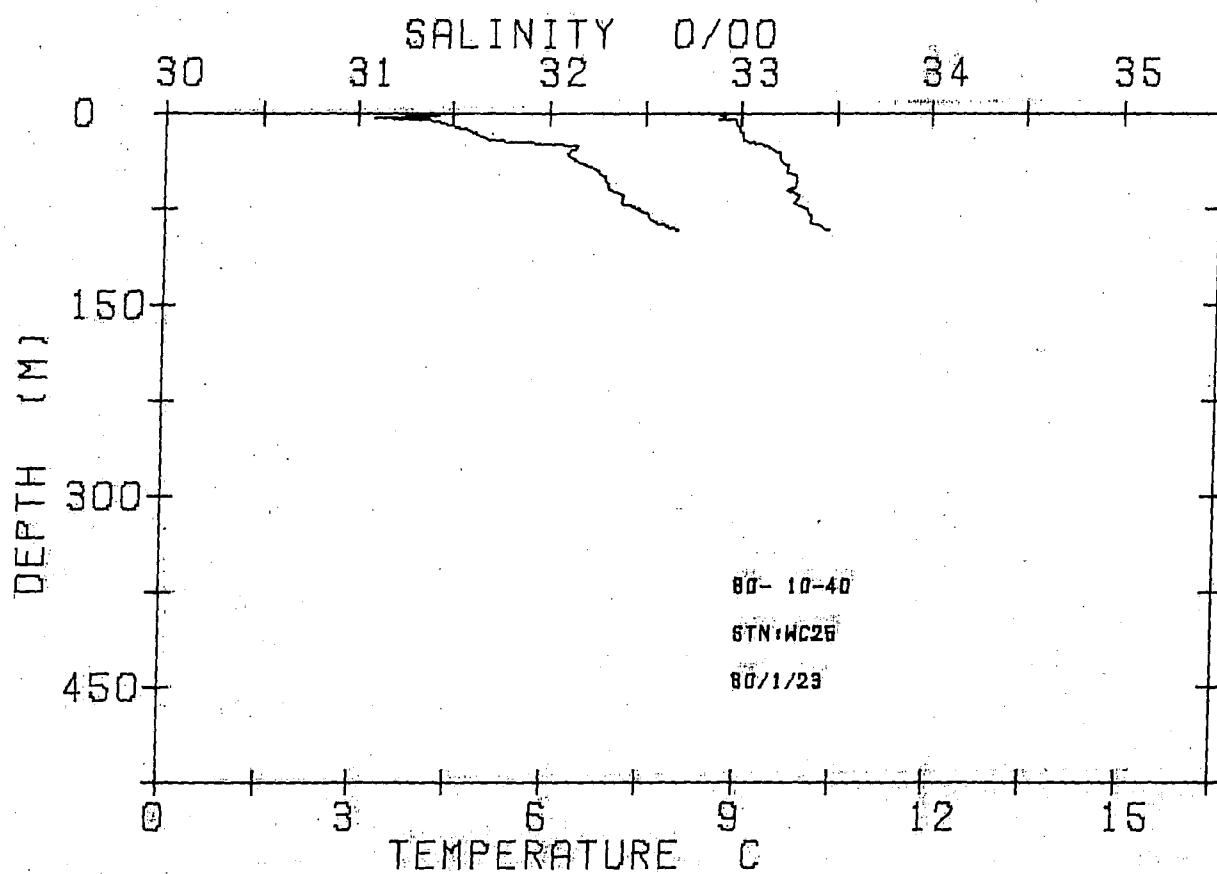
CRUISE : C.O.D.E. 80-10.
 STATION: WC19 CONS #035
 LAT N 48 48.0 LONG W 127 37.5
 DATE 80/01/18 TIME (PST) 0703

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.54	32.51	25.26	271.8	.00	.00	1481.7
10	8.54	32.51	25.27	271.4	.27	.01	1481.9
20	8.55	32.50	25.26	272.7	.54	.05	1482.1
30	8.55	32.50	25.25	273.0	.82	.12	1482.3
50	8.56	32.50	25.26	273.1	1.36	.34	1482.6
75	7.67	33.21	25.94	208.2	1.98	.72	1480.5
100	7.48	33.65	26.31	173.7	2.45	1.13	1480.8
125	7.31	33.80	26.46	160.3	2.87	1.60	1480.7
150	7.15	33.87	26.53	153.5	3.26	2.14	1480.6
175	6.86	33.91	26.61	146.4	3.64	2.75	1479.9
200	6.58	33.91	26.64	143.3	4.00	3.43	1479.2
225	6.29	33.95	26.71	137.1	4.35	4.17	1478.5
250	6.05	33.94	26.74	134.9	4.69	4.98	1477.9
300	5.70	33.99	26.82	127.6	5.34	6.78	1477.4
400	5.12	34.06	26.95	116.2	6.57	11.06	1476.8
500	4.65	34.13	27.05	106.9	7.69	16.08	1476.6
600	4.24	34.18	27.13	99.5	8.72	21.77	1476.6
800	3.79	34.27	27.26	89.1	10.59	34.82	1478.1
1000	3.45	34.41	27.40	76.4	12.23	49.48	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1000.0	3.45	34.41	27.40	76.4	12.23	49.48	1480.1

WIND MIXED LAYER DEPTH = 59.8 METRES

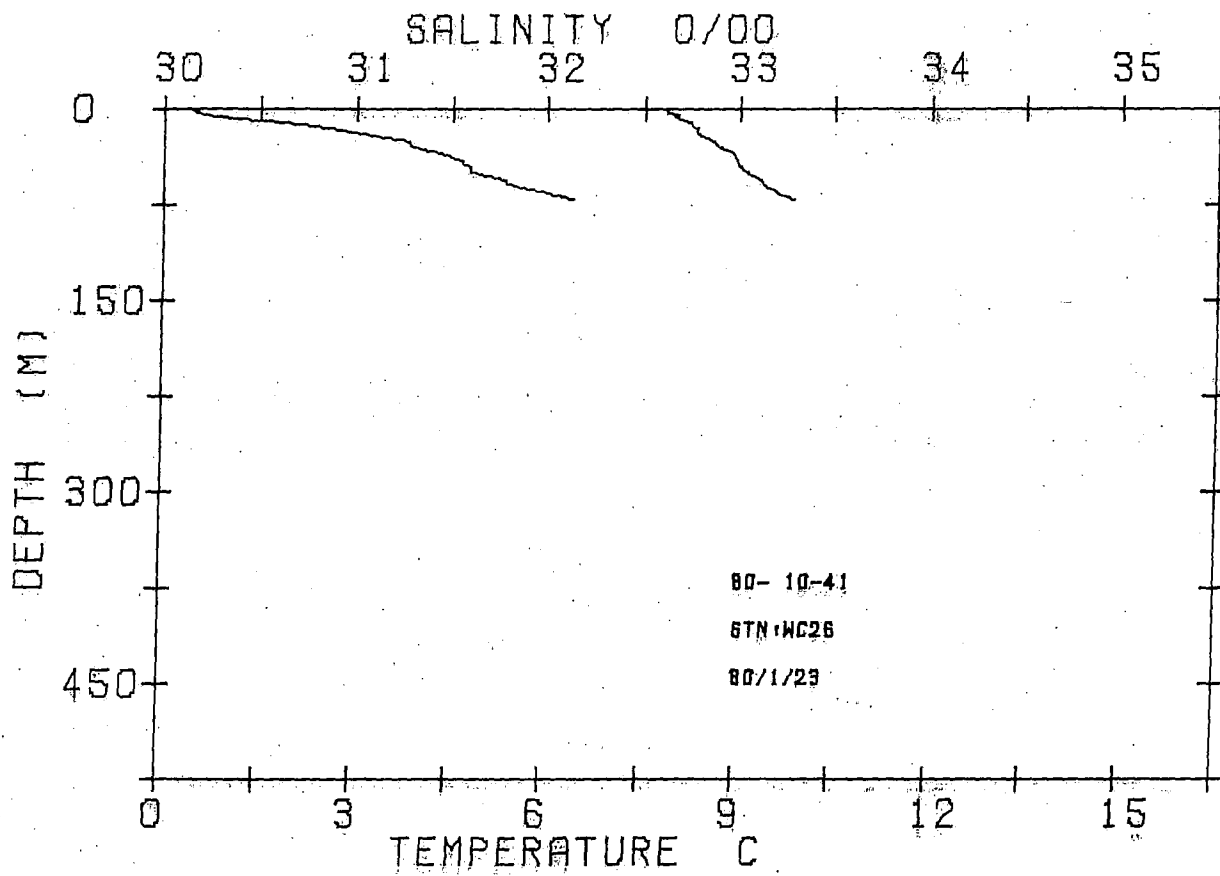


CRUISE : C.O.D.E. 80-10.
 STATION: WC25 CONS #040
 LAT N 49 21.5 LONG W 126 44.5
 DATE 80/01/23 TIME (PST) 1033

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.68	31.29	24.29	364.1	.00	.00	1480.7
10	8.96	31.52	24.43	351.1	.36	.02	1482.2
20	9.04	31.69	24.55	339.9	.71	.07	1482.9
30	9.57	32.11	24.79	316.8	1.03	.15	1485.6
50	9.87	32.29	24.89	308.4	1.65	.40	1487.3
75	10.05	32.47	24.99	298.6	2.41	.87	1488.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
91.3	10.37	32.68	25.11	288.4	2.89	1.27	1490.2

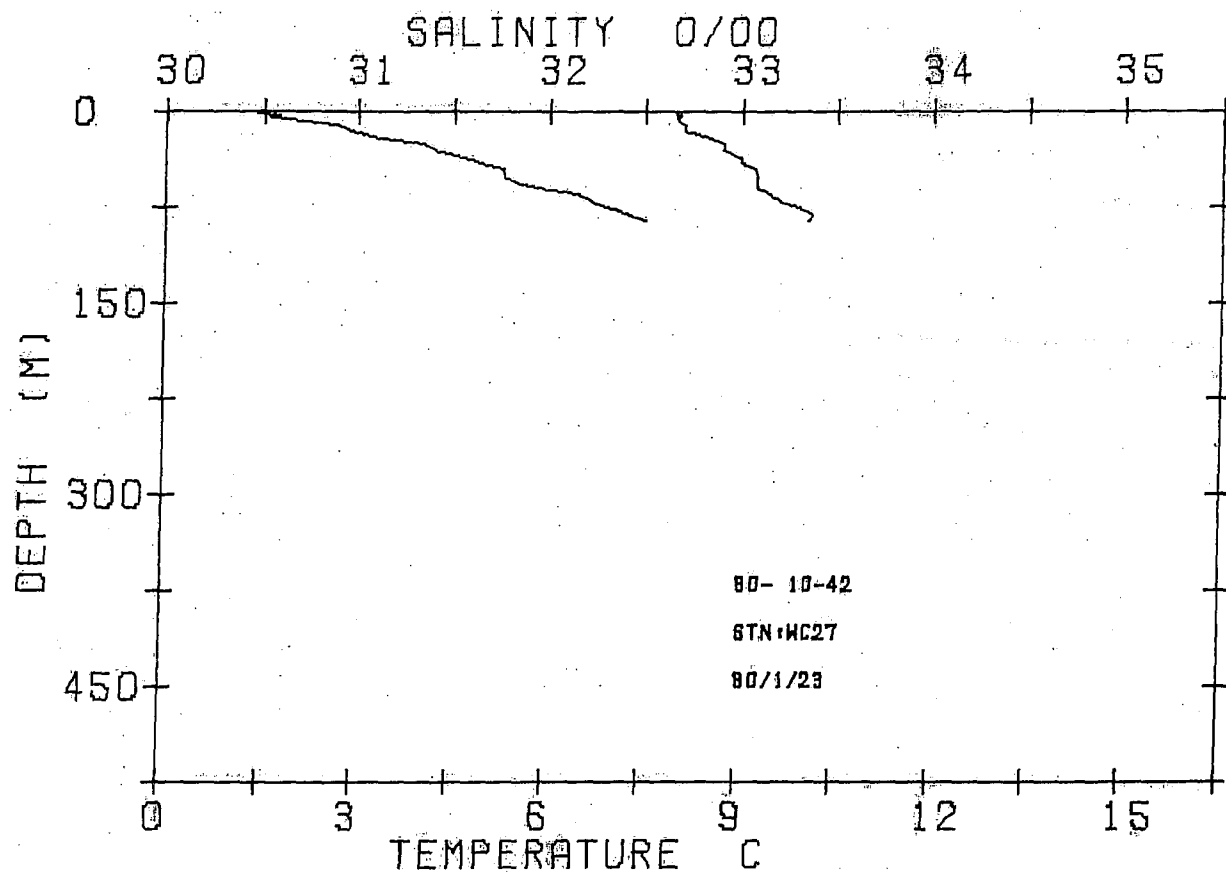


CRUISE : C.O.D.E. 80-10.
 STATION: WC26 CONS #041
 LAT N 49 30.5 LONG W 126 51.2
 DATE 80/01/23 TIME (PST) 1150

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.83	30.14	23.51	438.3	.00	.00	1476.0
10	8.20	30.59	23.81	409.9	.43	.02	1478.1
20	8.36	31.03	24.14	379.0	.82	.08	1479.5
30	8.69	31.30	24.29	364.3	1.19	.17	1481.3
50	9.13	31.60	24.47	348.3	1.90	.45	1483.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
70.1	9.87	32.14	24.76	320.4	2.57	.85	1487.4

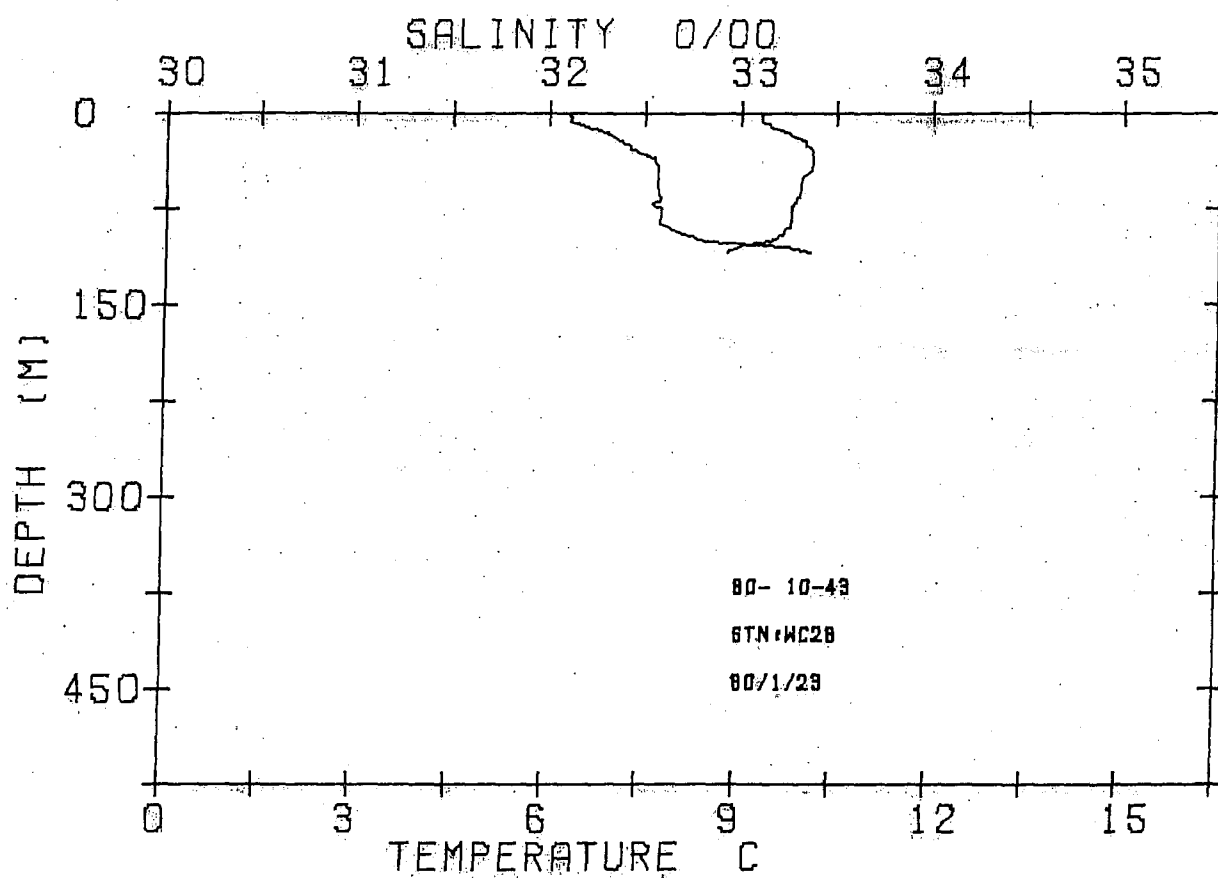


CRUISE : C.O.D.E. 80-10.
 STATION: WC27 CONS #042
 LAT N 49 36.0 LONG W 127 01.1
 DATE 80/01/23 TIME (PST) 1244

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.99	30.46	23.74	416.5	.00	.00	1477.0
10	8.08	30.87	24.05	387.3	.41	.02	1478.0
20	8.49	31.12	24.18	374.7	.79	.08	1480.1
30	8.70	31.40	24.38	356.5	1.15	.17	1481.4
50	9.23	31.77	24.58	337.3	1.84	.44	1484.2
75	9.85	32.30	24.90	307.9	2.64	.94	1487.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
85.2	10.05	32.51	25.02	296.1	2.95	1.19	1488.7

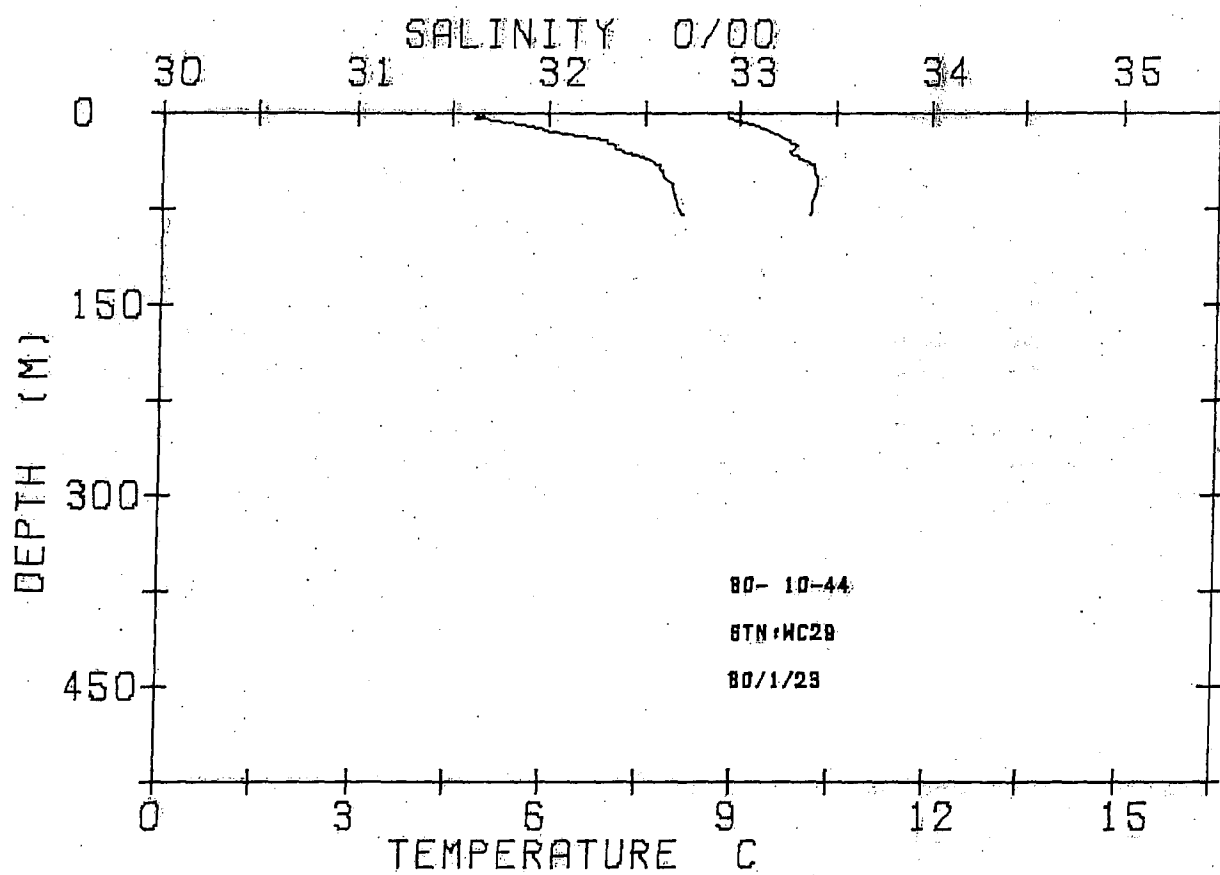


CRUISE : C.O.D.E. 80-10.
 STATION: WC28 CONS #043
 LAT N 49 40.5 LONG W 127 11.0
 DATE 80/01/23 TIME (PST) 1340

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.33	32.10	24.82	313.5	.00	.00	1484.2
10	9.44	32.20	24.88	308.2	.31	.02	1484.9
20	9.93	32.37	24.94	303.2	.62	.06	1487.1
30	10.10	32.45	24.97	299.7	.92	.14	1488.0
50	10.00	32.57	25.08	289.8	1.50	.37	1488.1
75	9.82	32.59	25.12	286.3	2.23	.82	1487.9
100	9.51	32.82	25.36	264.4	2.93	1.44	1487.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
112.9	8.81						

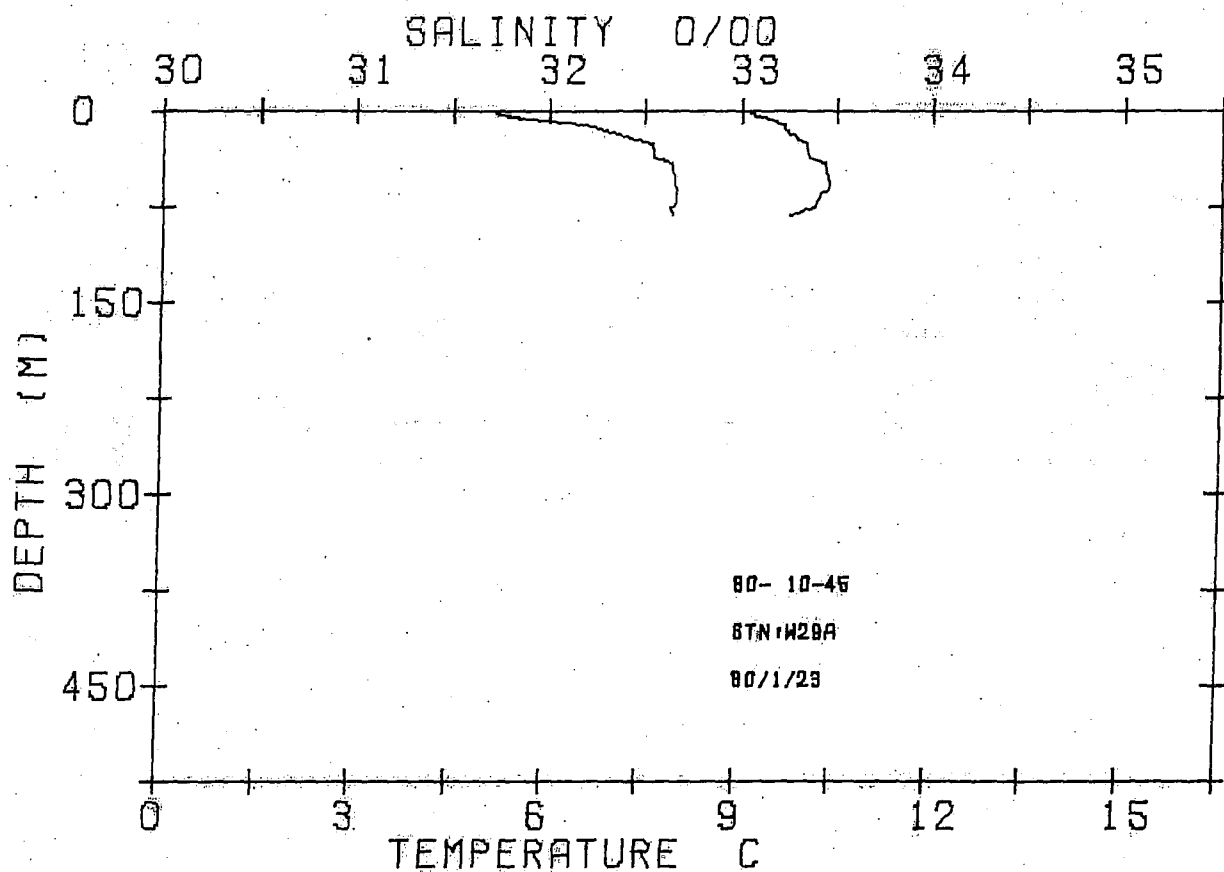


CRUISE : C.O.D.E. 80-10.
 STATION: WC29 CONS #044
 LAT N 49 46.0 LONG W 127 20.0
 DATE 80/01/23 TIME (PST) 1438

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.81	31.62	24.53	341.7	.00	.00	1481.6
10	9.29	31.92	24.69	326.5	.34	.02	1484.0
20	9.72	32.25	24.88	308.4	.66	.07	1486.2
30	9.81	32.38	24.96	300.6	.96	.14	1486.8
50	10.22	32.61	25.07	290.6	1.55	.37	1488.9
75	10.15	32.69	25.15	284.2	2.26	.82	1489.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
80.1	10.12	32.71	25.17	282.1	2.41	.93	1489.2

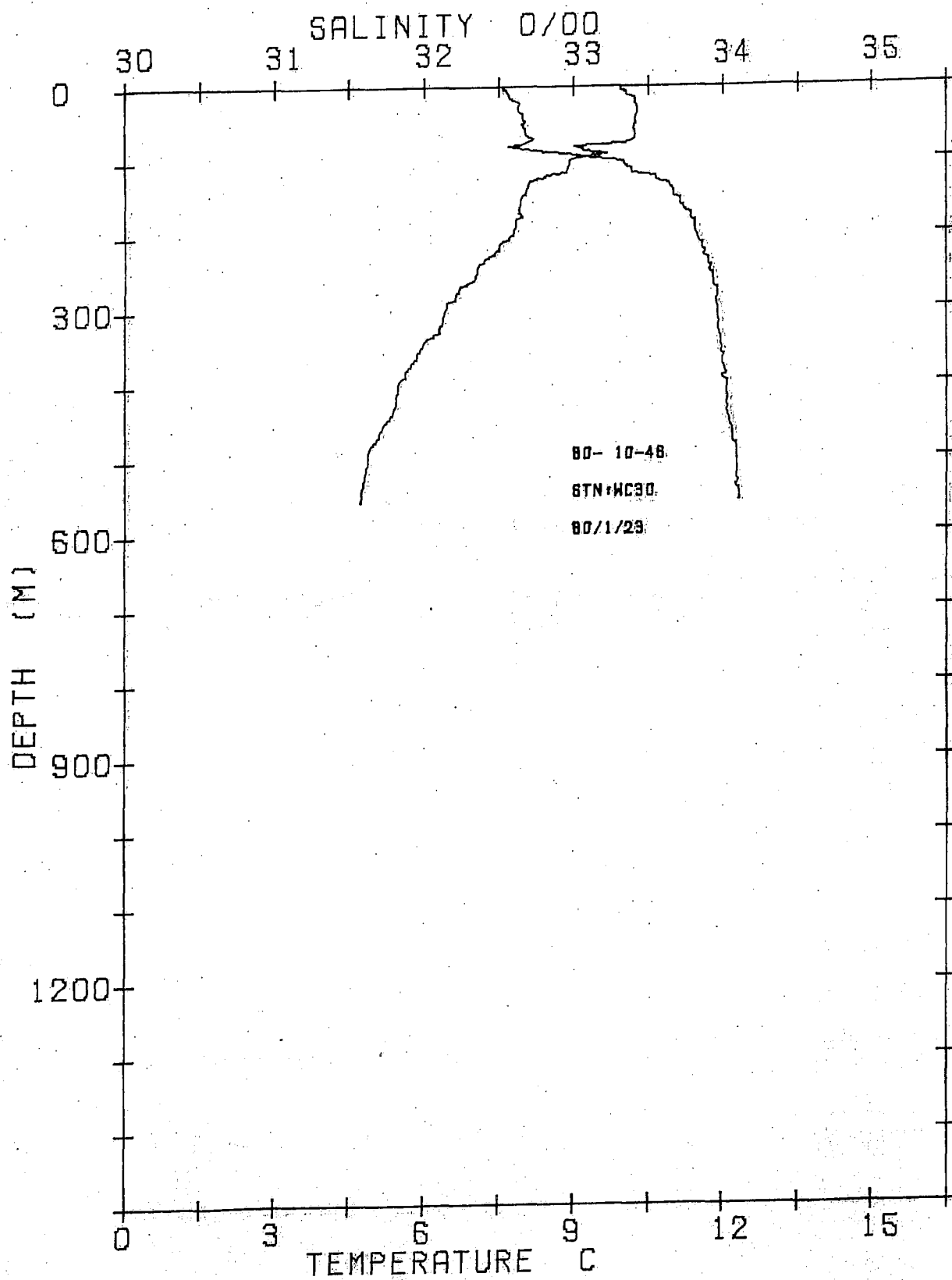


CRUISE : C.O.D.E. 80-10.
 STATION: W29A CONS #045
 LAT N 49 42.8 LONG W 127 24.2
 DATE 80/01/23 TIME (PST) 1514

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.12	31.71	24.55	339.7	.00	.00	1482.9
10	9.62	32.16	24.82	313.8	.33	.02	1485.5
20	9.88	32.42	24.99	298.4	.64	.06	1487.0
30	10.04	32.55	25.06	292.0	.93	.14	1487.9
50	10.37	32.66	25.09	289.4	1.51	.37	1489.5
75	10.14	32.64	25.11	287.6	2.23	.82	1489.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
80.6	9.77	32.65	25.18	280.9	2.39	.94	1487.8



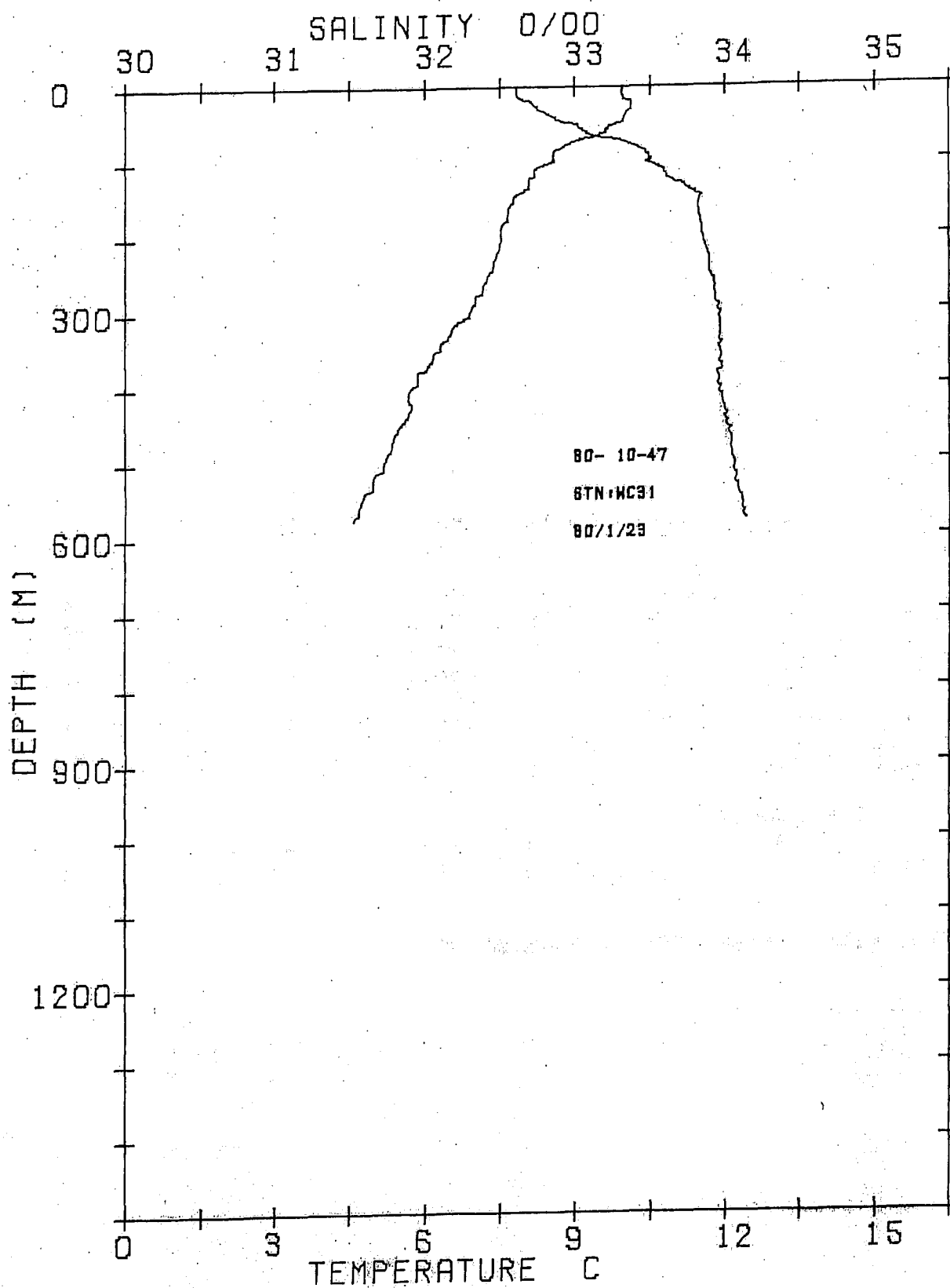
CRUISE : C.O.D.E. 80-10.
 STATION: WC30 CONS #046
 LAT N 49 40.5 LONG W 127 29.0
 DATE 80/01/23 TIME (PST) 1555

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.94	32.53	25.06	291.0	.00	.00	1487.0
10	10.07	32.57	25.07	290.5	.29	.02	1487.7
20	10.24	32.63	25.09	288.7	.58	.06	1488.5
30	10.30	32.63	25.07	290.1	.87	.13	1488.9
50	10.25	32.66	25.11	287.5	1.44	.36	1489.1
75	10.06	32.68	25.16	283.0	2.16	.80	1488.9
100	8.93	33.34	25.85	217.2	2.80	1.36	1485.9
125	8.26	33.57	26.14	190.7	3.32	1.95	1484.1
150	7.97	33.71	26.29	176.4	3.77	2.57	1483.6
175	7.97	33.79	26.35	171.2	4.21	3.28	1484.1
200	7.79	33.83	26.41	166.1	4.63	4.07	1483.8
225	7.42	33.87	26.50	158.1	5.03	4.92	1482.9
250	7.07	33.93	26.59	149.4	5.41	5.83	1482.0
300	6.47	33.97	26.70	139.2	6.13	7.80	1480.5
400	5.50	34.03	26.87	123.4	7.45	12.40	1478.3
500	4.88	34.10	27.00	111.7	8.64	17.73	1477.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
556.9	4.75	34.11	27.02	110.5	9.27	21.07	1477.9

WIND MIXED LAYER DEPTH = 74.5 METRES



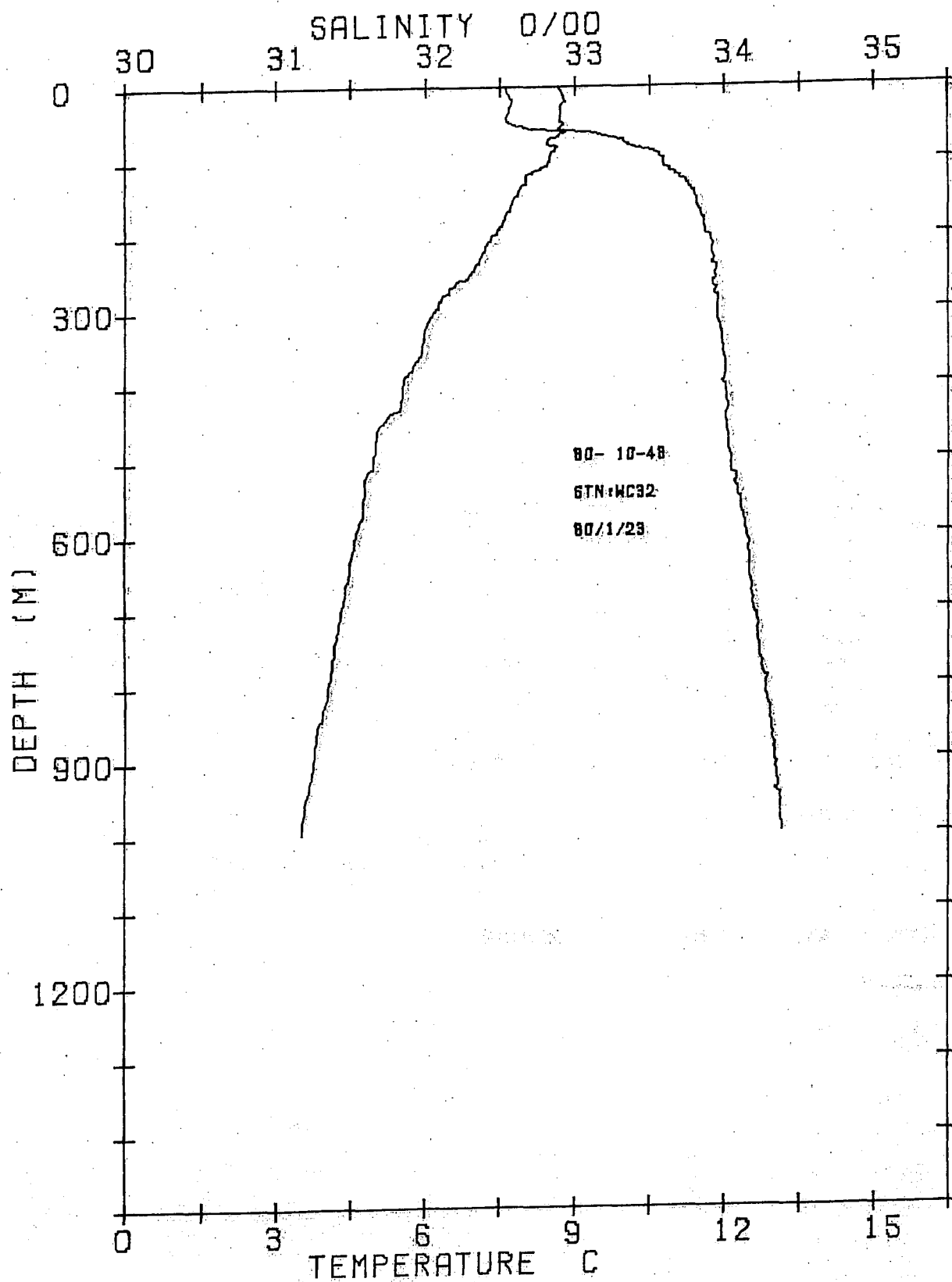
CRUISE : C.O.D.E. 80-10.
 STATION: WC31 CONS #047
 LAT N 49 34.5 LONG W 127 38.0
 DATE 80/01/23 TIME (PST) 1704

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.96	32.61	25.12	285.5	.00	.00	1487.2
10	9.94	32.62	25.13	284.4	.28	.01	1487.3
20	10.15	32.72	25.17	280.8	.57	.06	1488.3
30	10.12	32.76	25.21	277.3	.85	.13	1488.4
50	9.79	33.02	25.46	253.6	1.38	.34	1487.9
75	8.92	33.36	25.87	214.9	1.98	.71	1485.5
100	8.61	33.48	26.01	202.3	2.49	1.16	1484.9
125	8.08	33.65	26.23	181.8	2.96	1.69	1483.5
150	7.77	33.83	26.42	164.5	3.39	2.28	1482.9
175	7.66	33.84	26.44	162.9	3.80	2.95	1483.0
200	7.53	33.86	26.47	160.0	4.21	3.70	1482.9
225	7.44	33.90	26.51	156.4	4.60	4.54	1483.0
250	7.30	33.91	26.54	153.8	4.99	5.47	1482.9
300	6.89	33.97	26.65	144.7	5.74	7.52	1482.1
400	5.77	33.97	26.79	131.7	7.11	12.32	1479.3
500	5.21	34.06	26.93	118.6	8.37	17.95	1478.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
575.4	4.60	34.15	27.07	105.3	9.21	22.50	1477.6

WIND MIXED LAYER DEPTH = 55.0 METRES



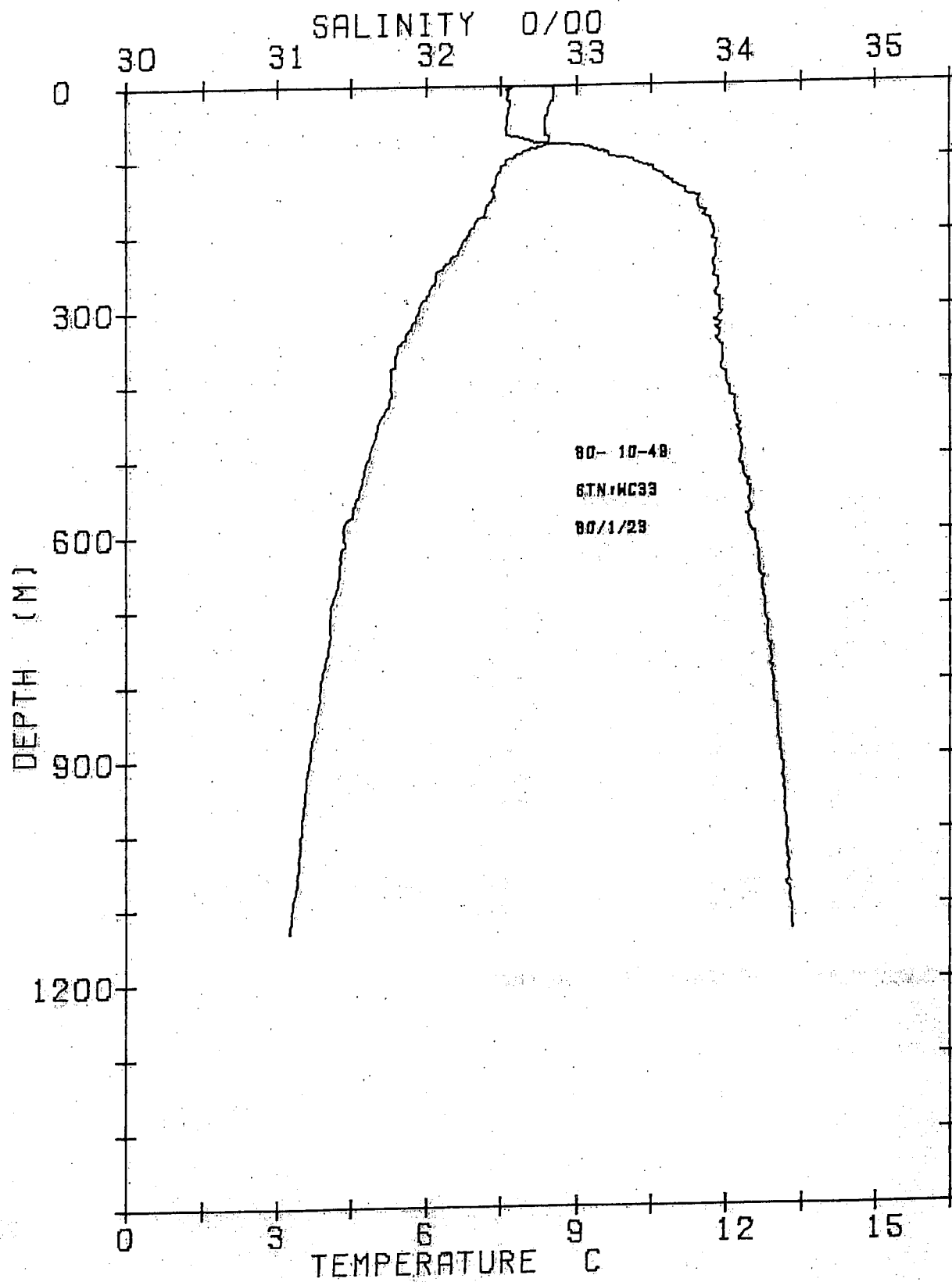
CRUISE : C.O.D.E. 80-10.
 STATION: WC32 CONS #048
 LAT N 49 29.0 LONG W 127 46.5
 DATE 80/01/23 TIME (PST) 1822

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.64	32.54	25.28	270.3	.00	.00	1482.2
10	8.72	32.56	25.28	270.5	.27	.01	1482.7
20	8.80	32.58	25.28	270.5	.54	.05	1483.1
30	8.70	32.56	25.28	270.8	.81	.12	1482.9
50	8.75	32.60	25.30	268.7	1.35	.34	1483.5
75	8.42	33.34	25.94	208.9	1.94	.70	1483.6
100	8.48	33.59	26.12	192.3	2.43	1.13	1484.5
125	8.00	33.74	26.31	174.7	2.89	1.65	1483.3
150	7.79	33.82	26.40	165.8	3.32	2.23	1483.0
175	7.62	33.87	26.46	160.5	3.73	2.90	1482.8
200	7.36	33.90	26.53	154.4	4.12	3.64	1482.3
225	7.15	33.93	26.58	150.2	4.50	4.45	1481.9
250	6.92	33.94	26.62	146.3	4.87	5.32	1481.4
300	6.22	33.96	26.73	136.5	5.58	7.25	1479.5
400	5.56	34.01	26.85	126.0	6.88	11.82	1478.5
500	4.99	34.05	26.95	117.0	8.10	17.27	1477.9
600	4.61	34.15	27.07	105.8	9.21	23.38	1478.1
800	4.09	34.28	27.23	92.0	11.20	37.26	1479.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
995.3	3.53	34.39	27.37	79.3	12.86	52.13	1480.3

WIND MIXED LAYER DEPTH = 65.0 METRES



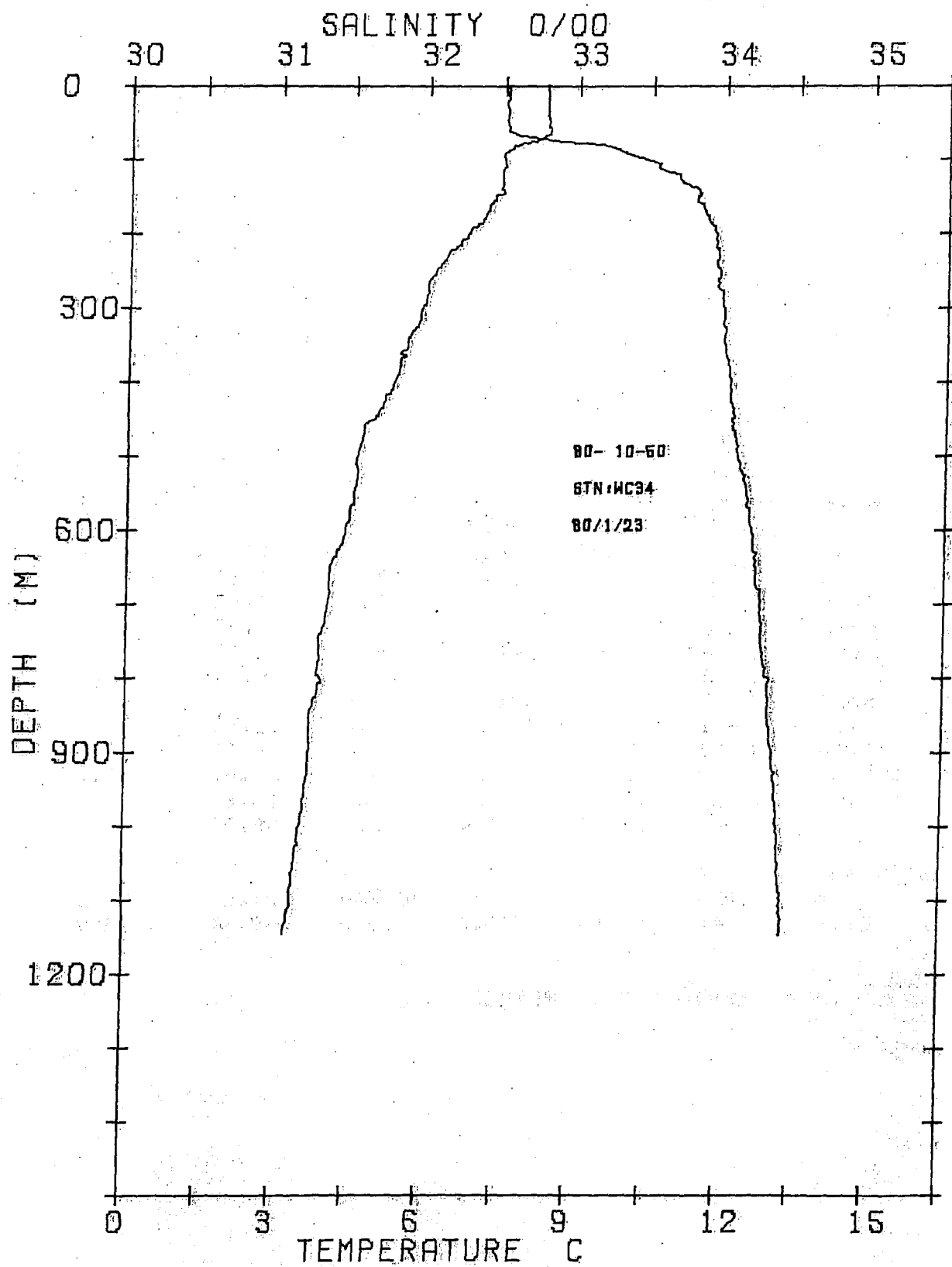
CRUISE : C.O.D.E. 80-10.
 STATION: WC33 CONS #049
 LAT N 49 23.5 LONG W 127 55.0
 DATE 80/01/23 TIME (PST) 1946

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.55	32.57	25.31	267.4	.00	.00	1481.9
10	8.54	32.55	25.30	268.5	.27	.01	1482.0
20	8.55	32.56	25.30	268.5	.54	.05	1482.2
30	8.47	32.55	25.31	267.9	.81	.12	1482.0
50	8.38	32.54	25.31	267.5	1.34	.34	1482.0
75	8.46	32.72	25.44	255.8	2.00	.75	1482.9
100	7.62	33.37	26.08	195.7	2.55	1.23	1481.0
125	7.42	33.61	26.29	176.2	3.02	1.75	1480.9
150	7.39	33.82	26.46	159.8	3.44	2.33	1481.5
175	7.16	33.85	26.52	155.3	3.83	2.97	1481.0
200	6.86	33.93	26.62	146.0	4.21	3.67	1480.3
225	6.63	33.94	26.66	142.1	4.57	4.43	1479.9
250	6.20	33.93	26.70	138.0	4.92	5.27	1478.5
300	5.87	33.96	26.77	132.1	5.59	7.12	1478.1
400	5.30	34.01	26.88	122.2	6.87	11.57	1477.4
500	4.86	34.10	27.01	111.3	8.03	16.77	1477.4
600	4.38	34.19	27.13	100.3	9.09	22.60	1477.2
800	3.90	34.32	27.28	87.0	10.96	35.64	1478.6
1000	3.50	34.41	27.39	77.4	12.60	50.37	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1131.2	3.26	34.44	27.44	73.0	13.59	60.96	1481.5

WIND MIXED LAYER DEPTH = 79.4 METRES



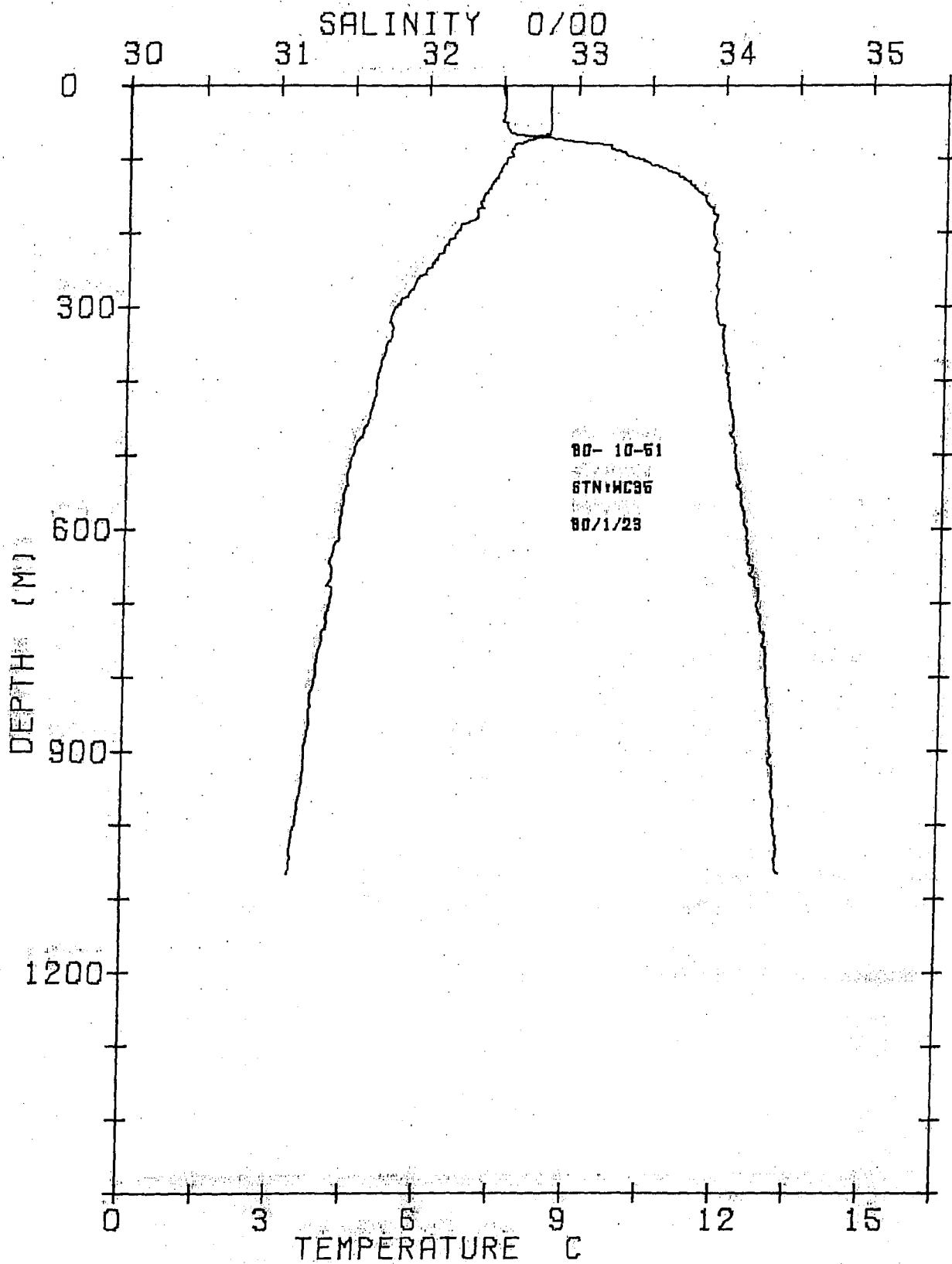
CRUISE : C.O.D.E. 80-10.
 STATION: WC34 CONS #050
 LAT N 49 18.0 LONG W 128 04.0
 DATE 80/01/23 TIME (PST) 2201

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.36	32.52	25.30	268.3	.00	.00	1481.1
10	8.36	32.52	25.30	268.0	.27	.01	1481.2
20	8.37	32.51	25.29	269.0	.54	.05	1481.4
30	8.36	32.52	25.30	268.4	.81	.12	1481.6
50	8.40	32.52	25.29	269.8	1.34	.34	1482.0
75	8.13	32.88	25.62	239.3	2.00	.75	1481.9
100	7.49	33.46	26.16	187.8	2.51	1.19	1480.6
125	7.46	33.69	26.35	170.7	2.96	1.69	1481.2
150	7.33	33.81	26.46	160.5	3.37	2.26	1481.2
175	7.13	33.88	26.55	152.5	3.76	2.90	1480.9
200	6.80	33.94	26.63	144.2	4.14	3.59	1480.1
225	6.44	33.95	26.69	139.3	4.49	4.35	1479.1
250	6.19	33.97	26.74	135.1	4.84	5.17	1478.6
300	5.92	34.00	26.80	129.7	5.50	6.99	1478.3
400	5.37	34.05	26.90	120.6	6.76	11.38	1477.8
500	4.64	34.10	27.03	108.9	7.90	16.53	1476.5
600	4.42	34.20	27.13	99.7	8.95	22.27	1477.3
800	3.91	34.33	27.29	86.1	10.80	35.21	1478.6
1000	3.54	34.40	27.38	78.7	12.46	50.07	1480.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1146.4	3.24	34.43	27.44	73.5	13.56	61.93	1481.7

WIND MIXED LAYER DEPTH = 68.7 METRES



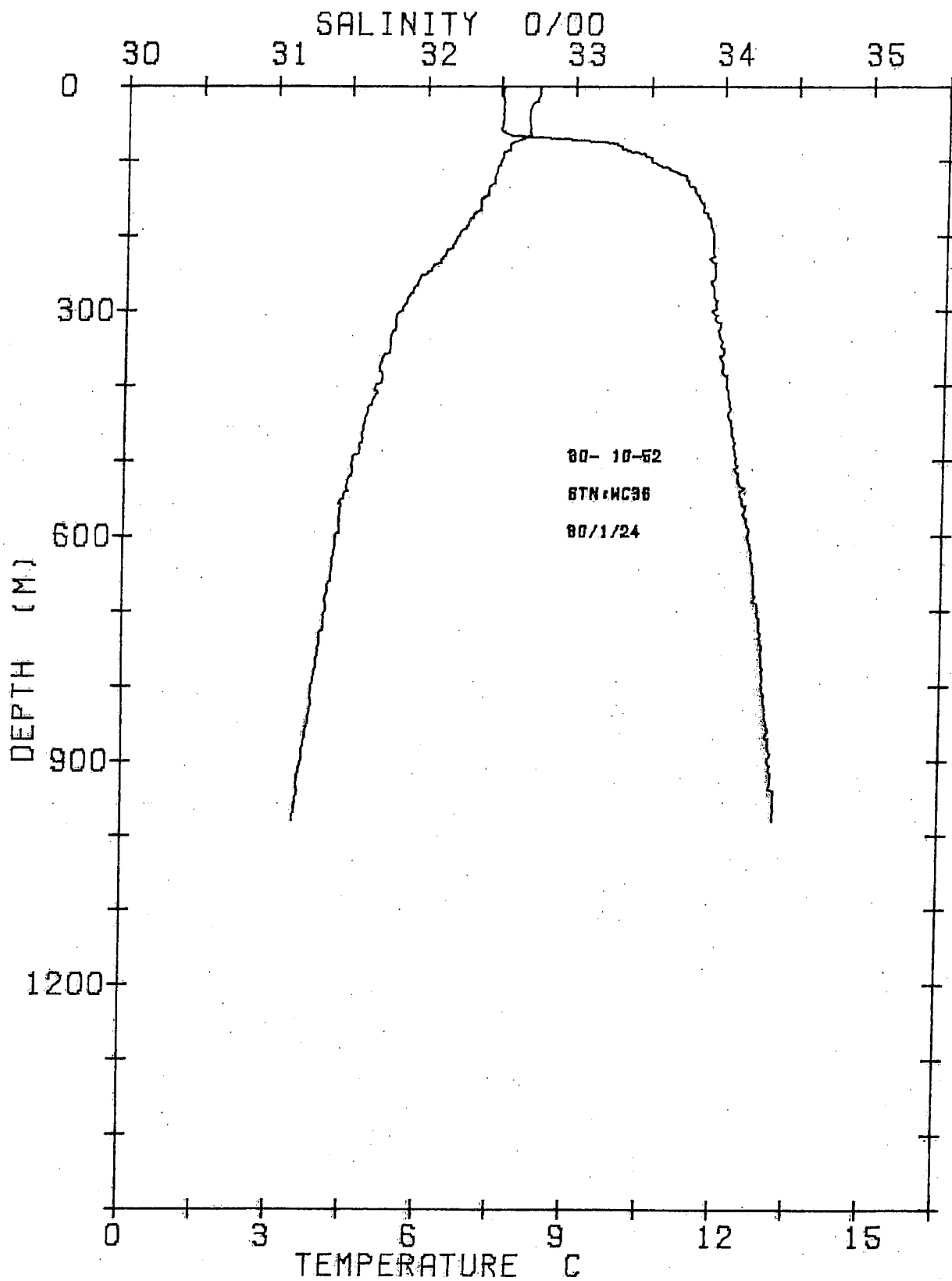
CRUISE : C.O.D.E. 80-10.
 STATION: WC35 CONS #051
 LAT N 49 12.0 LONG W 128 12.5
 DATE 80/01/23 TIME (PST) 2335

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.43	32.50	25.28	270.5	.00	.00	1481.3
10	8.42	32.51	25.28	270.1	.27	.01	1481.4
20	8.42	32.51	25.28	270.3	.54	.05	1481.6
30	8.43	32.51	25.28	270.4	.81	.12	1481.8
50	8.44	32.52	25.29	270.0	1.35	.34	1482.2
75	7.98	32.99	25.72	229.0	2.00	.74	1481.4
100	7.59	33.44	26.13	190.5	2.52	1.19	1480.9
125	7.40	33.72	26.38	167.7	2.96	1.69	1481.0
150	7.14	33.87	26.53	153.1	3.36	2.24	1480.6
175	7.02	33.95	26.61	146.2	3.74	2.85	1480.6
200	6.61	33.93	26.66	142.1	4.10	3.52	1479.4
225	6.32	33.96	26.71	137.1	4.45	4.26	1478.6
250	6.01	33.96	26.76	132.9	4.78	5.07	1477.8
300	5.39	33.95	26.82	126.8	5.43	6.85	1476.1
400	5.02	34.04	26.93	117.4	6.65	11.09	1476.3
500	4.56	34.10	27.04	108.0	7.78	16.17	1476.2
600	4.30	34.18	27.13	100.4	8.82	21.91	1476.8
800	3.86	34.32	27.28	86.5	10.68	34.88	1478.4
1000	3.50	34.39	27.38	78.3	12.33	49.65	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1065.3	3.36	34.43	27.42	74.9	12.83	54.82	1480.8

WIND MIXED LAYER DEPTH = 65.2 METRES



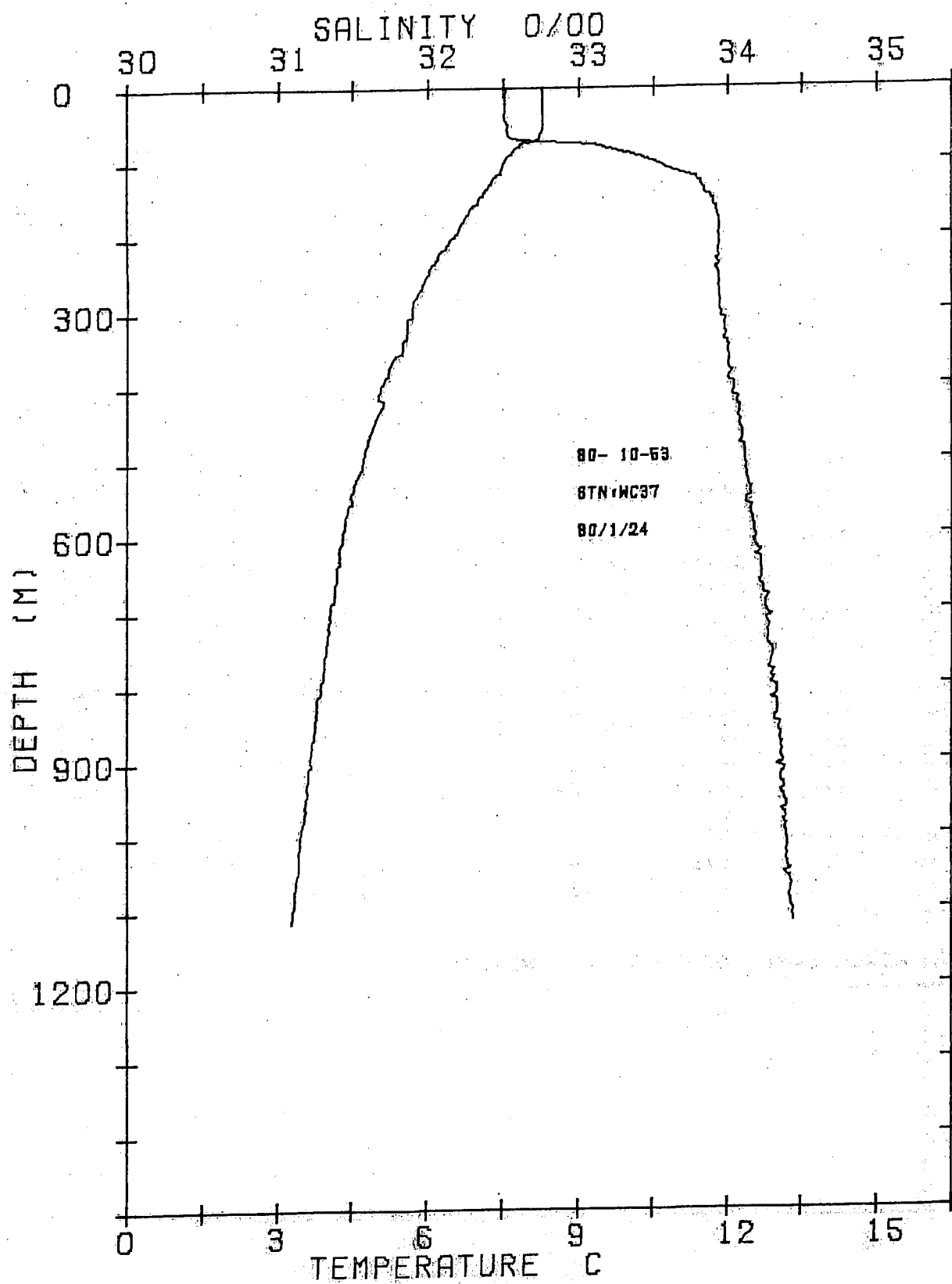
CRUISE : C.O.D.E. 80-10.
 STATION: WC36 CONS #052
 LAT N 49 06.5 LONG W 128 21.0
 DATE 80/01/24 TIME (PST) 0106

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.27	32.52	25.31	267.0	.00	.00	1480.7
10	8.27	32.51	25.31	267.6	.27	.01	1480.9
20	8.22	32.52	25.32	266.7	.53	.05	1480.9
30	8.09	32.52	25.34	265.0	.80	.12	1480.5
50	8.08	32.51	25.33	265.8	1.33	.33	1480.8
75	7.76	33.22	25.94	208.8	1.96	.72	1480.9
100	7.54	33.51	26.20	184.5	2.45	1.15	1480.9
125	7.37	33.76	26.41	164.3	2.88	1.63	1480.9
150	7.19	33.84	26.51	155.8	3.28	2.18	1480.7
175	6.96	33.91	26.59	148.1	3.66	2.80	1480.3
200	6.69	33.94	26.65	142.8	4.03	3.48	1479.7
225	6.42	33.95	26.69	138.9	4.38	4.23	1479.0
250	6.03	33.96	26.75	133.5	4.72	5.05	1477.9
300	5.55	33.94	26.80	129.4	5.38	6.85	1476.7
400	5.06	34.05	26.94	116.8	6.60	11.11	1476.5
500	4.61	34.11	27.04	108.1	7.72	16.17	1476.4
600	4.31	34.20	27.15	98.5	8.75	21.81	1476.9
800	3.84	34.32	27.29	86.2	10.59	34.62	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
980.2	3.47	34.40	27.39	77.3	12.06	47.68	1479.9

WIND MIXED LAYER DEPTH = 64.7 METRES



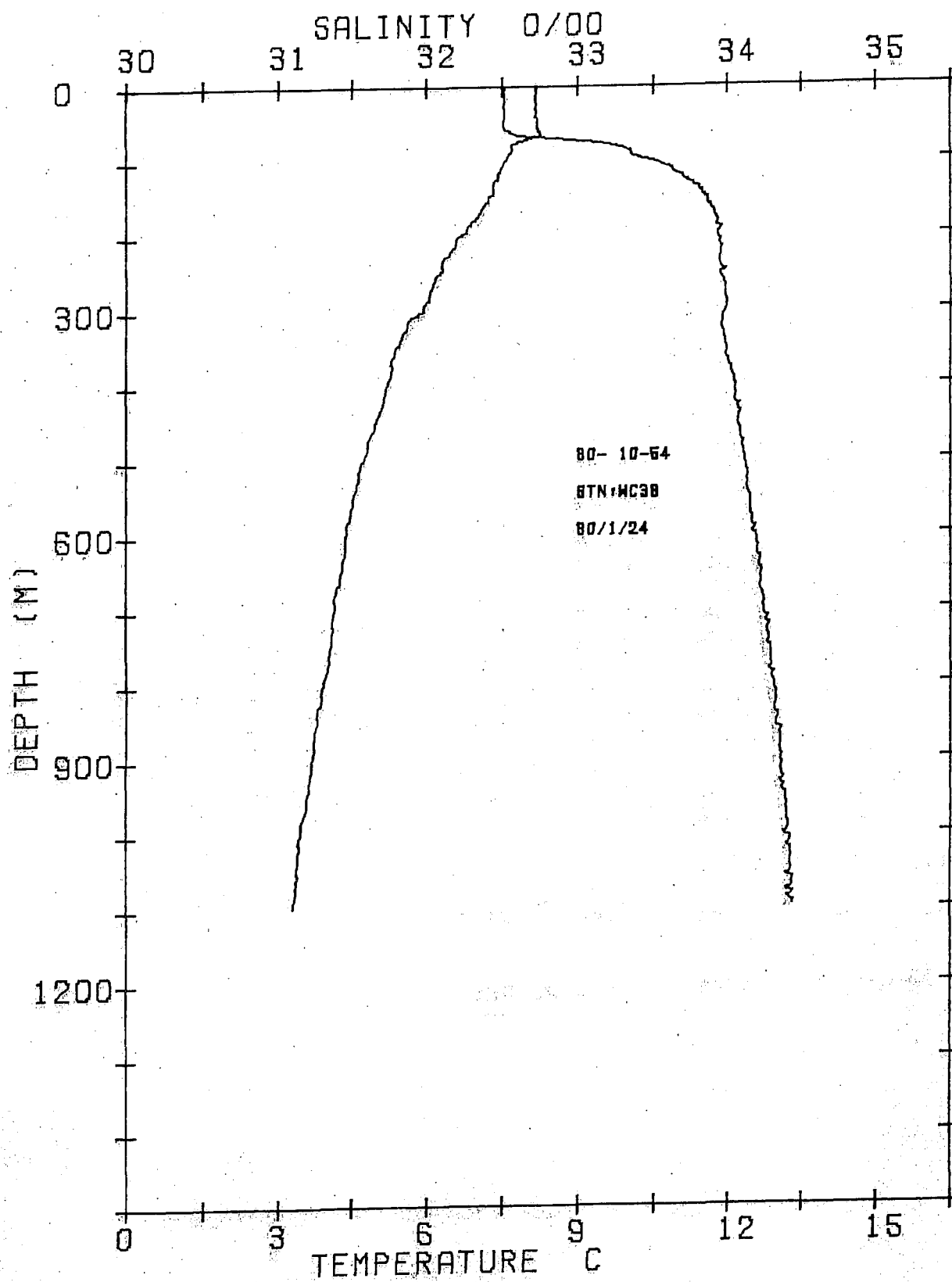
CRUISE : C.O.D.E. 80-10.
 STATION: WC37 CONS #053
 LAT N 49 12.5 LONG W 128 29.0
 DATE 80/01/24 TIME (PST) 0410

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.27	32.51	25.30	268.0	.00	.00	1480.7
10	8.27	32.51	25.30	267.8	.27	.01	1480.9
20	8.27	32.51	25.31	267.7	.54	.05	1481.0
30	8.28	32.51	25.31	267.8	.80	.12	1481.2
50	8.27	32.53	25.32	267.1	1.34	.34	1481.5
75	7.89	33.07	25.80	221.7	1.99	.74	1481.2
100	7.54	33.51	26.20	184.3	2.49	1.18	1480.8
125	7.30	33.80	26.46	159.9	2.93	1.66	1480.7
150	7.02	33.90	26.57	149.5	3.31	2.19	1480.1
175	6.74	33.94	26.64	143.4	3.68	2.79	1479.5
200	6.56	33.94	26.67	141.0	4.04	3.46	1479.2
225	6.21	33.94	26.71	137.1	4.38	4.19	1478.2
250	6.02	33.94	26.74	135.0	4.72	5.01	1477.8
300	5.70	33.96	26.79	130.1	5.39	6.83	1477.4
400	5.07	34.04	26.93	117.7	6.64	11.18	1476.6
500	4.73	34.12	27.04	108.3	7.77	16.27	1476.9
600	4.31	34.19	27.14	99.4	8.81	22.00	1476.9
800	3.88	34.32	27.28	86.5	10.68	35.01	1478.5
1000	3.46	34.40	27.39	77.3	12.31	49.72	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1116.3	3.28	34.45	27.44	72.7	13.19	58.98	1481.4

WIND MIXED LAYER DEPTH = 69.0 METRES



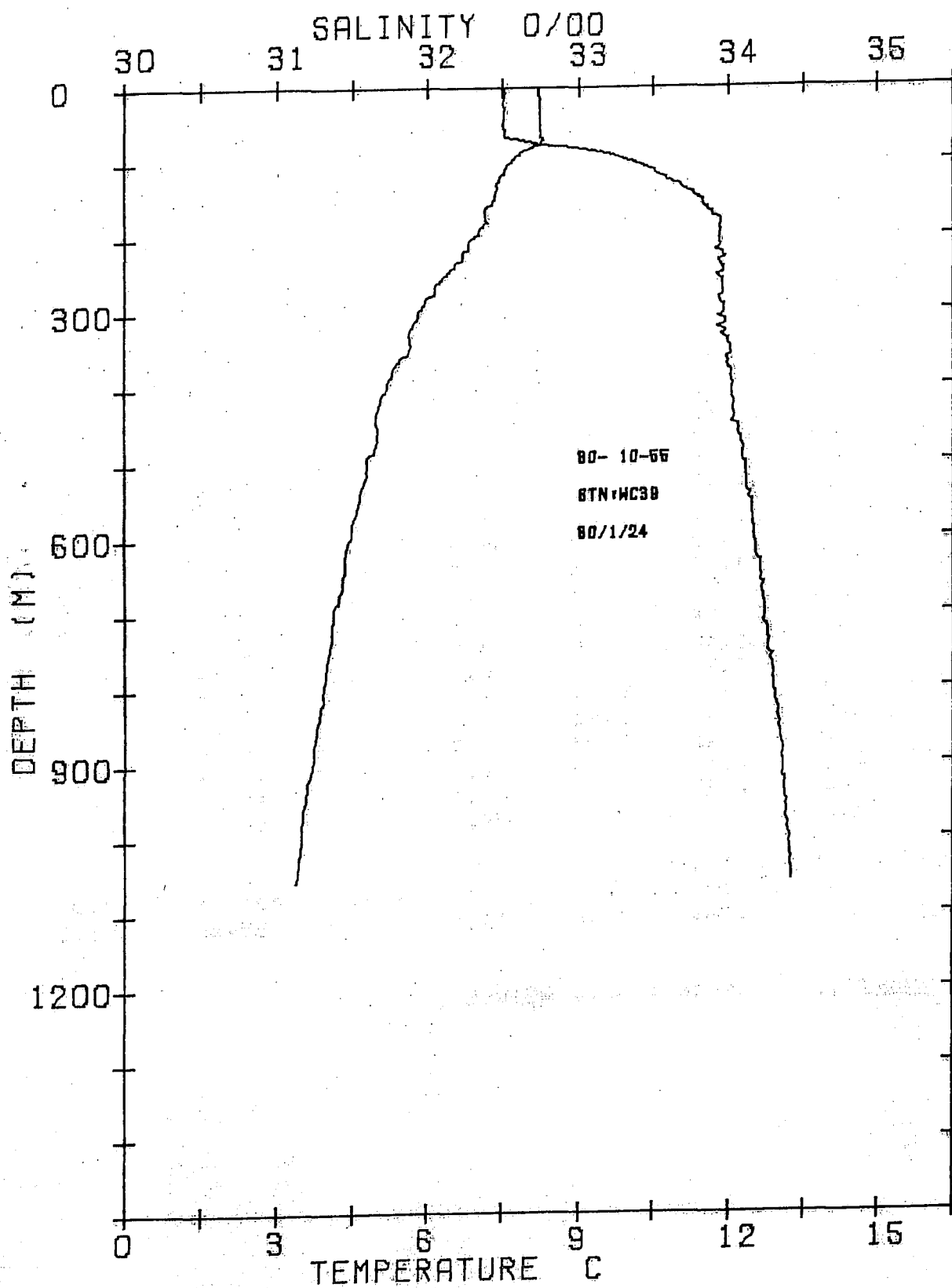
CRUISE : C.O.D.E. 80-10.
 STATION: WC38 CONS #054
 LAT N 49 18.5 LONG W 128 36.5
 DATE 80/01/24 TIME (PST) 0623

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.17	32.52	25.33	265.5	.00	.00	1480.3
10	8.18	32.52	25.32	266.1	.27	.01	1480.6
20	8.17	32.52	25.33	265.9	.53	.05	1480.7
30	8.17	32.52	25.33	266.2	.80	.12	1480.9
50	8.19	32.51	25.32	267.4	1.33	.33	1481.2
75	7.82	33.15	25.87	215.0	1.97	.73	1481.1
100	7.58	33.50	26.18	186.0	2.47	1.16	1481.0
125	7.40	33.73	26.39	166.9	2.90	1.65	1481.0
150	7.24	33.87	26.52	154.7	3.30	2.20	1481.0
175	7.02	33.93	26.59	147.9	3.68	2.82	1480.6
200	6.71	33.94	26.65	143.0	4.04	3.50	1479.8
225	6.46	33.96	26.70	138.6	4.39	4.24	1479.2
250	6.26	33.96	26.72	136.3	4.74	5.05	1478.8
300	5.94	33.99	26.79	130.6	5.40	6.87	1478.4
400	5.21	34.06	26.93	118.1	6.65	11.23	1477.2
500	4.75	34.12	27.03	108.7	7.78	16.34	1477.0
600	4.39	34.19	27.13	100.2	8.83	22.09	1477.2
800	3.92	34.32	27.28	87.1	10.71	35.23	1478.7
1000	3.46	34.38	27.37	79.2	12.36	49.97	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1096.3	3.30	34.44	27.44	73.3	13.08	57.56	1481.1

WIND MIXED LAYER DEPTH = 68.4 METRES



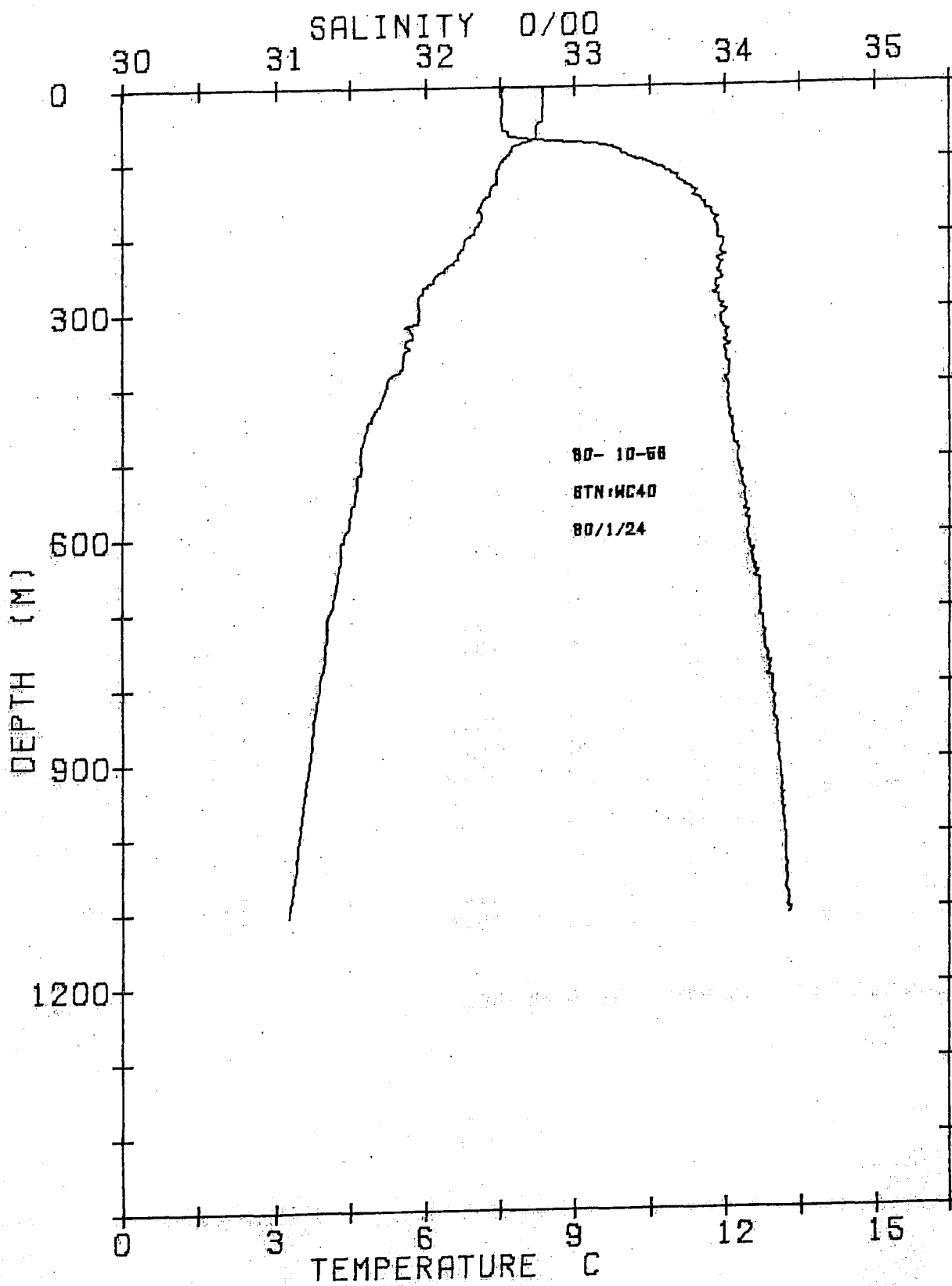
CRUISE : C.O.D.E. 80-10.
 STATION: WC39 CONS #055
 LAT N 49 25.0 LONG W 128 44.5
 DATE 80/01/24 TIME (PST) 0845

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.20	32.51	25.31	267.0	.00	.00	1480.5
10	8.20	32.51	25.32	266.7	.27	.01	1480.6
20	8.21	32.50	25.31	267.5	.53	.05	1480.8
30	8.21	32.51	25.31	267.4	.80	.12	1481.0
50	8.22	32.50	25.30	268.5	1.34	.33	1481.3
75	8.26	32.74	25.49	251.5	2.00	.75	1482.2
100	7.68	33.38	26.08	196.0	2.54	1.22	1481.2
125	7.45	33.63	26.30	175.0	3.00	1.73	1481.0
150	7.35	33.83	26.47	159.0	3.41	2.30	1481.3
175	7.16	33.95	26.59	147.9	3.80	2.93	1481.1
200	6.94	33.94	26.62	145.7	4.17	3.62	1480.7
225	6.71	33.97	26.68	140.7	4.53	4.38	1480.2
250	6.38	33.94	26.69	139.7	4.88	5.22	1479.3
300	5.83	33.97	26.79	130.6	5.55	7.07	1477.9
400	5.18	34.02	26.90	120.3	6.81	11.47	1477.0
500	4.79	34.11	27.02	110.2	7.97	16.67	1477.1
600	4.47	34.17	27.11	102.5	9.04	22.53	1477.5
800	3.95	34.30	27.26	89.0	10.94	35.80	1478.8
1000	3.50	34.41	27.39	77.4	12.59	50.66	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1055.6	3.40	34.42	27.41	75.8	13.02	55.06	1480.9

WIND MIXED LAYER DEPTH = 76.4 METRES



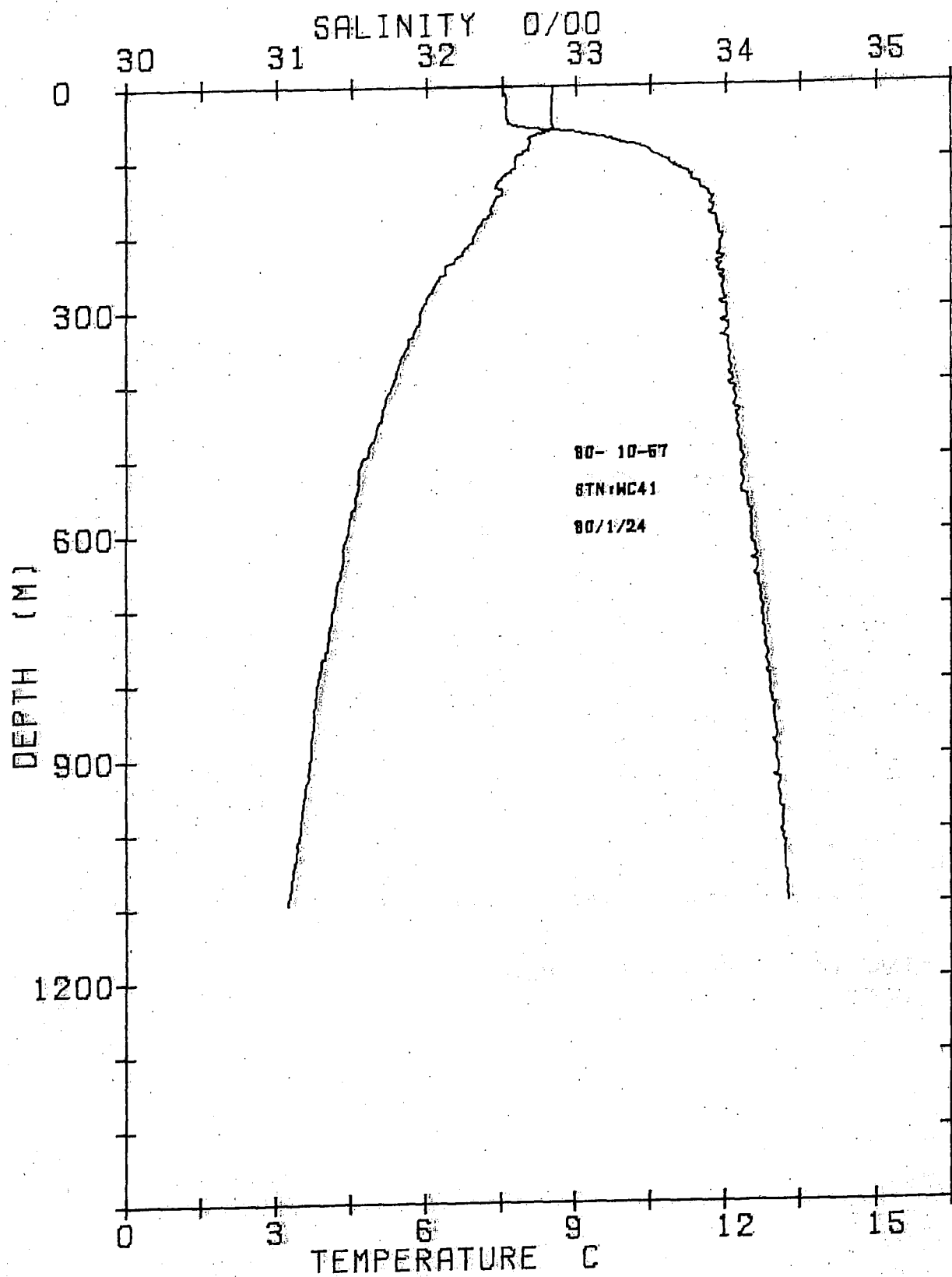
CRUISE : C.O.D.E. 80-10.
 STATION: WC40 CONS #056
 LAT N 49 31.5 LONG W 128 52.5
 DATE 80/01/24 TIME (PST) 1059

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.37	32.52	25.30	268.2	.00	.00	1481.1
10	8.37	32.51	25.29	269.0	.27	.01	1481.3
20	8.37	32.52	25.30	268.8	.54	.05	1481.4
30	8.38	32.52	25.30	268.7	.81	.12	1481.6
50	8.28	32.52	25.31	268.1	1.34	.34	1481.6
75	7.96	33.10	25.81	220.8	1.99	.74	1481.5
100	7.56	33.47	26.16	188.2	2.49	1.18	1480.9
125	7.42	33.70	26.36	169.0	2.94	1.67	1481.0
150	7.21	33.84	26.50	156.4	3.34	2.23	1480.8
175	7.13	33.95	26.59	147.8	3.72	2.85	1481.0
200	6.87	33.95	26.64	144.1	4.09	3.53	1480.4
225	6.64	34.00	26.70	138.3	4.44	4.28	1480.0
250	6.25	33.97	26.73	135.3	4.78	5.10	1478.8
300	5.87	34.01	26.81	128.5	5.45	6.92	1478.1
400	5.25	34.03	26.90	120.6	6.70	11.31	1477.3
500	4.71	34.09	27.01	110.6	7.86	16.50	1476.8
600	4.39	34.16	27.10	102.9	8.92	22.35	1477.2
800	3.90	34.31	27.27	87.7	10.82	35.55	1478.6
1000	3.49	34.41	27.39	77.2	12.46	50.33	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1105.5	3.27	34.43	27.43	73.7	13.26	58.74	1481.1

WIND MIXED LAYER DEPTH = 65.8 METRES



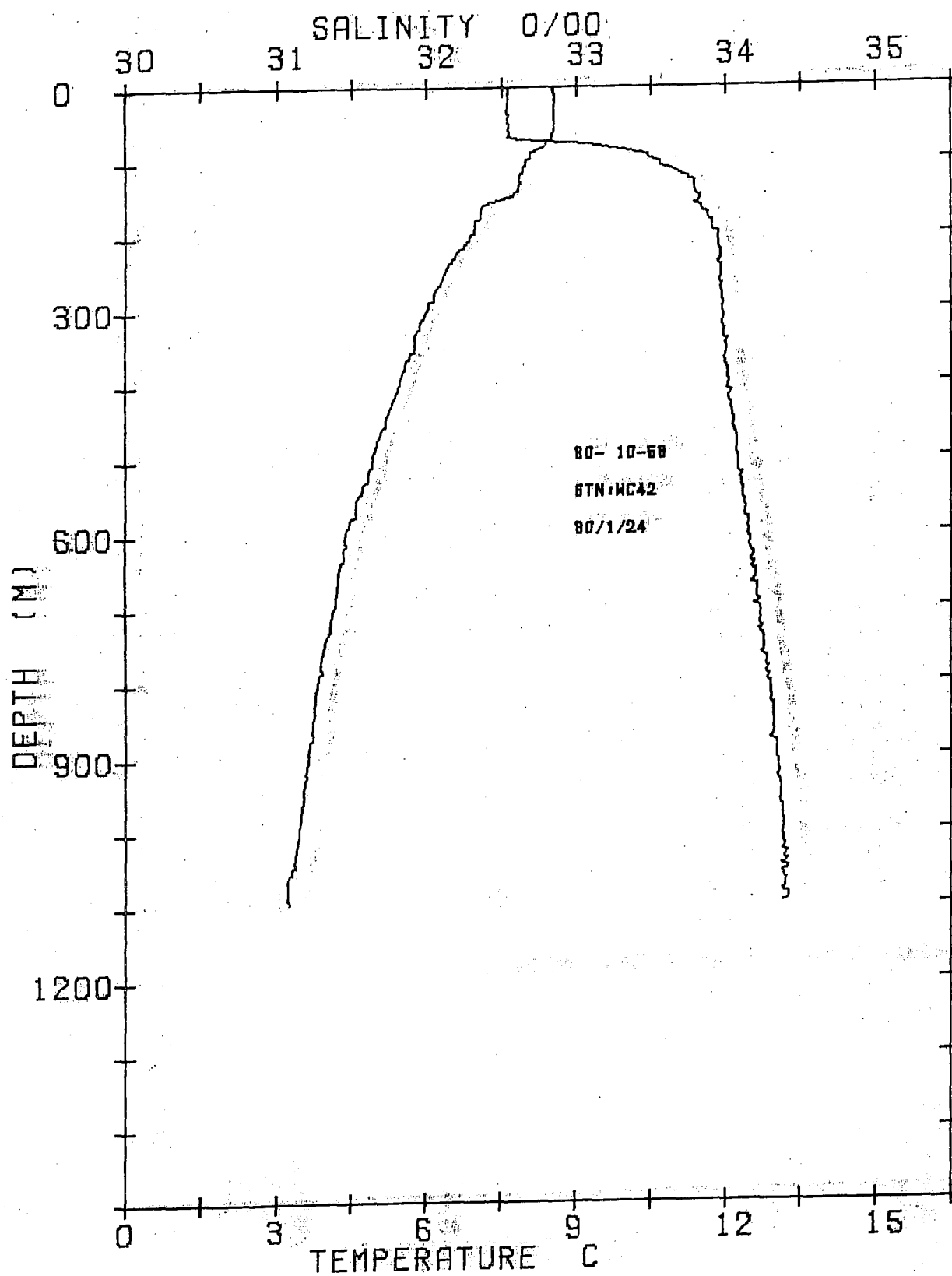
CRUISE : C.O.D.E. 80-10.
 STATION: WC41 CONS #057
 LAT N 49 36.5 LONG W 128 44.5
 DATE 80/01/24 TIME (PST) 1407

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.53	32.50	25.26	271.8	.00	.00	1481.7
10	8.51	32.52	25.27	270.7	.27	.01	1481.8
20	8.49	32.53	25.29	269.3	.54	.05	1481.9
30	8.49	32.53	25.29	269.3	.81	.12	1482.1
50	8.49	32.54	25.29	269.6	1.35	.34	1482.4
75	8.07	33.31	25.96	206.2	1.93	.70	1482.2
100	7.75	33.62	26.25	179.2	2.41	1.11	1481.8
125	7.48	33.77	26.41	164.8	2.84	1.60	1481.4
150	7.38	33.91	26.53	153.6	3.24	2.14	1481.5
175	7.21	33.93	26.57	150.1	3.62	2.76	1481.3
200	6.95	33.97	26.64	144.2	3.99	3.45	1480.7
225	6.68	33.94	26.65	142.8	4.35	4.21	1480.1
250	6.36	33.97	26.72	136.9	4.69	5.04	1479.2
300	5.92	34.00	26.80	129.5	5.36	6.87	1478.3
400	5.34	34.02	26.89	122.1	6.62	11.26	1477.6
500	4.75	34.12	27.03	109.0	7.77	16.44	1477.0
600	4.43	34.17	27.11	102.2	8.83	22.28	1477.4
800	3.83	34.29	27.27	88.2	10.73	35.53	1478.3
1000	3.47	34.38	27.37	78.8	12.39	50.43	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1095.5	3.24	34.43	27.44	73.2	13.11	57.99	1480.8

WIND MIXED LAYER DEPTH = 58.5 METRES



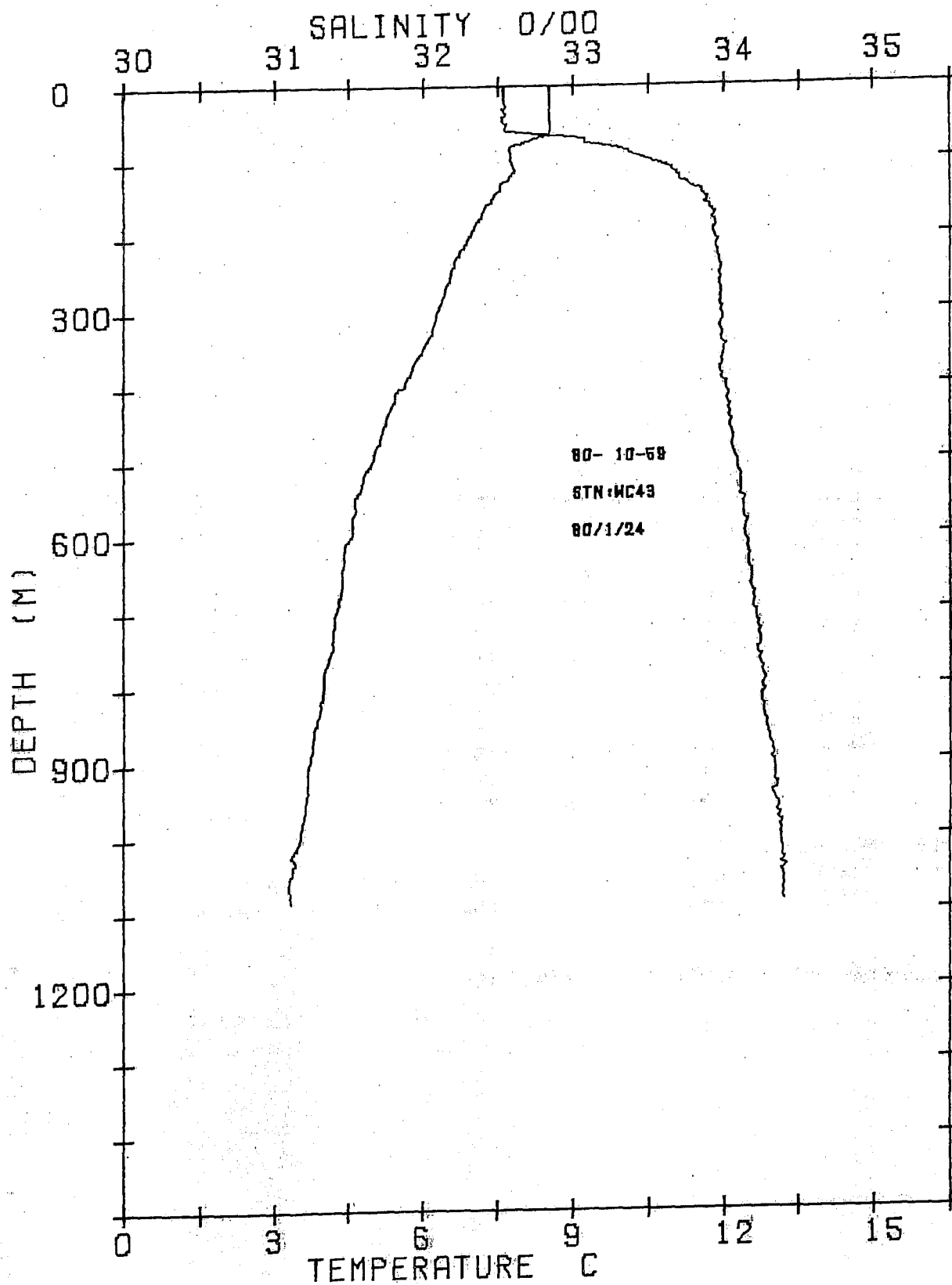
CRUISE : C.O.D.E. 80-10.
 STATION: WC42 CONS #058
 LAT N 49 42.0 LONG W 128 36.5
 DATE 80/01/24 TIME (PST) 1650

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.53	32.54	25.29	268.9	.00	.00	1481.8
10	8.54	32.54	25.29	269.7	.27	.01	1481.9
20	8.54	32.54	25.29	269.5	.54	.05	1482.1
30	8.55	32.53	25.28	270.3	.81	.12	1482.3
50	8.54	32.55	25.29	269.4	1.35	.34	1482.6
75	8.41	33.08	25.73	228.1	2.01	.75	1483.2
100	8.00	33.56	26.17	187.2	2.52	1.19	1482.7
125	7.86	33.78	26.36	169.0	2.96	1.69	1482.8
150	7.57	33.83	26.44	162.0	3.38	2.27	1482.2
175	7.07	33.89	26.56	151.1	3.77	2.90	1480.7
200	6.91	33.95	26.63	145.1	4.14	3.59	1480.6
225	6.60	33.97	26.69	139.4	4.50	4.35	1479.8
250	6.39	33.97	26.72	137.1	4.84	5.17	1479.3
300	6.03	33.98	26.77	132.6	5.52	7.02	1478.8
400	5.48	34.02	26.87	123.6	6.80	11.50	1478.2
500	4.94	34.09	26.99	113.2	7.98	16.82	1477.7
600	4.40	34.15	27.10	103.3	9.07	22.77	1477.2
800	3.85	34.30	27.27	88.2	10.98	36.15	1478.4
1000	3.49	34.39	27.38	78.6	12.64	51.03	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1095.1	3.26	34.40	27.40	76.3	13.36	58.59	1480.9

WIND MIXED LAYER DEPTH = 69.7 METRES



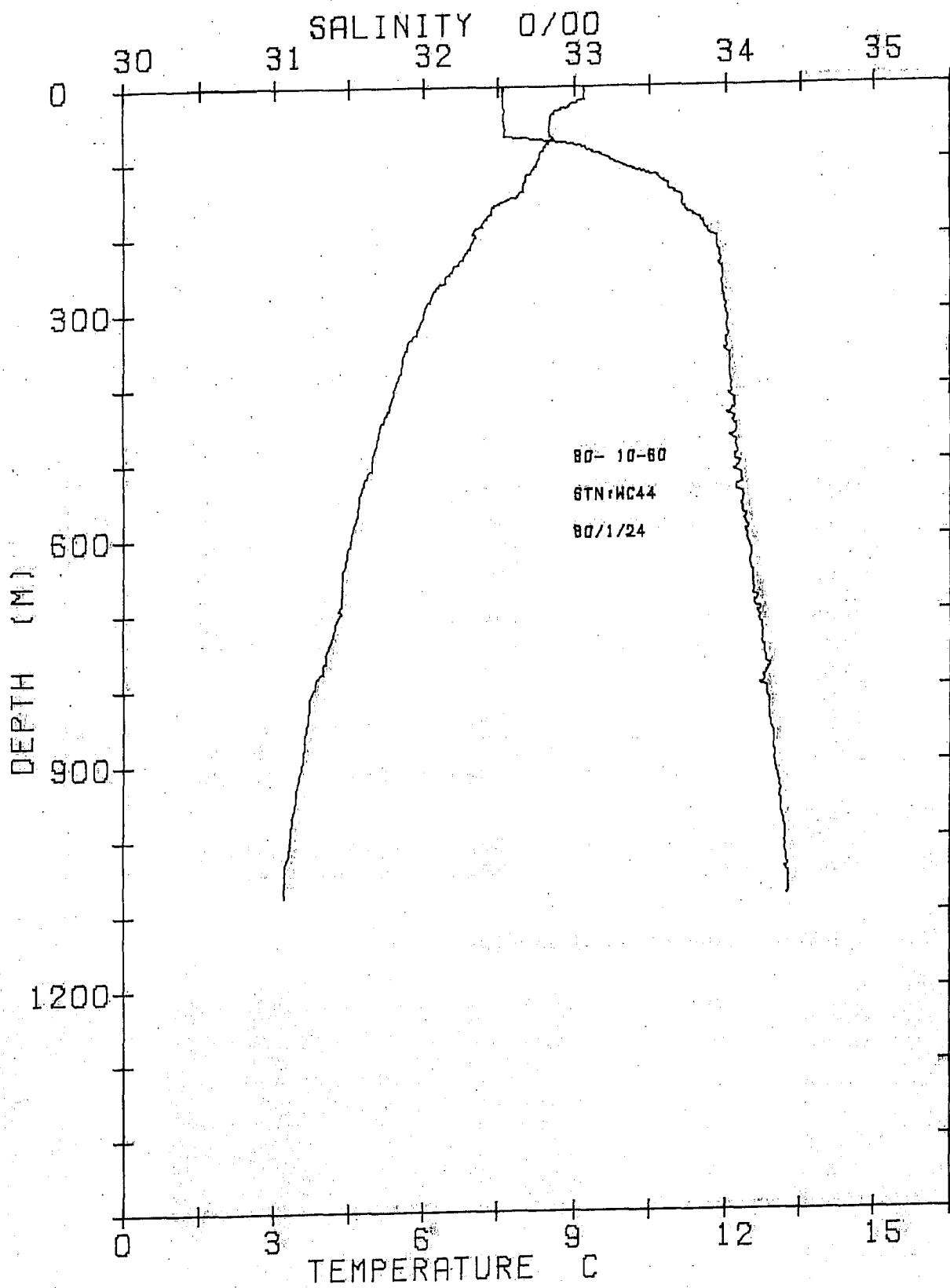
CRUISE : C.O.D.E. 80-10.
 STATION: WC43 CONS #059
 LAT N 49 47.0 LONG W 128 28.5
 DATE 80/01/24 TIME (PST) 1910

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.51	32.54	25.30	268.5	.00	.00	1481.7
10	8.51	32.54	25.29	268.8	.27	.01	1481.8
20	8.52	32.54	25.29	269.3	.54	.05	1482.0
30	8.52	32.54	25.29	269.8	.81	.12	1482.2
50	8.54	32.55	25.30	269.3	1.35	.34	1482.6
75	8.03	33.08	25.78	223.3	1.98	.73	1481.8
100	7.73	33.51	26.17	187.3	2.48	1.16	1481.6
125	7.71	33.70	26.32	172.9	2.92	1.66	1482.1
150	7.40	33.89	26.51	155.5	3.33	2.22	1481.6
175	7.17	33.92	26.57	150.3	3.71	2.84	1481.2
200	6.96	33.94	26.61	146.3	4.08	3.53	1480.7
225	6.71	33.96	26.67	141.6	4.44	4.29	1480.2
250	6.56	33.97	26.69	139.3	4.79	5.12	1480.0
300	6.31	33.98	26.73	136.1	5.47	7.02	1479.9
400	5.62	34.01	26.85	126.2	6.80	11.64	1478.7
500	4.97	34.08	26.98	114.1	8.00	17.02	1477.8
600	4.55	34.14	27.07	106.1	9.09	23.01	1477.8
800	4.03	34.25	27.21	93.6	11.06	36.80	1479.1
1000	3.53	34.38	27.37	79.8	12.79	52.29	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1085.1	3.32	34.40	27.40	76.3	13.45	59.16	1481.0

WIND MIXED LAYER DEPTH = 64.7 METRES



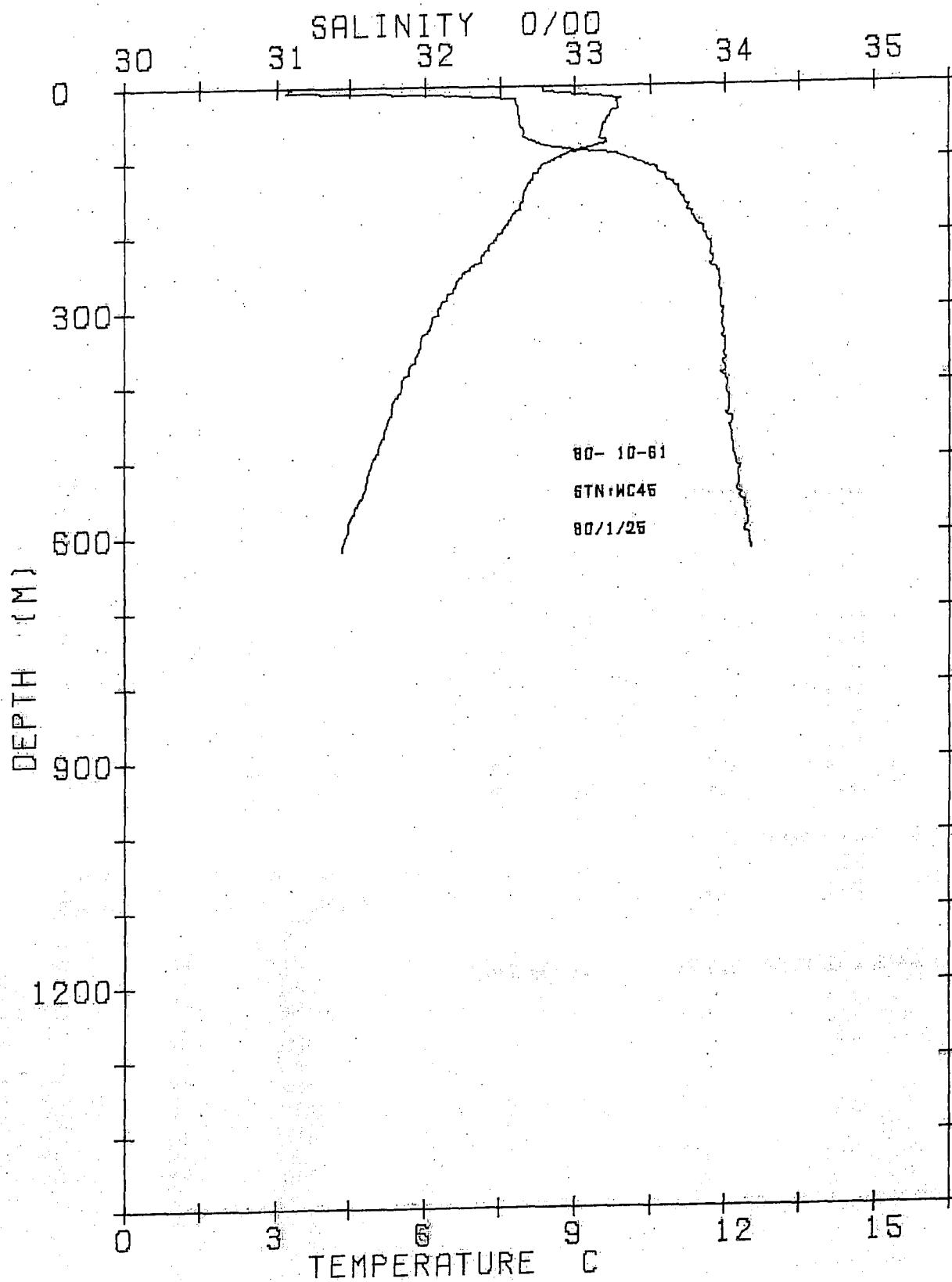
CRUISE : C.O.D.E. 80-10.
 STATION: WC44 CONS #060
 LAT N 49 51.5 LONG W 128 20.5
 DATE 80/01/24 TIME (PST) 2121

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.19	32.53	25.18	279.6	.00	.00	1484.2
10	9.19	32.53	25.18	279.9	.28	.01	1484.4
20	9.03	32.53	25.20	277.7	.56	.06	1484.0
30	8.69	32.54	25.27	271.7	.83	.12	1482.8
50	8.51	32.54	25.30	269.4	1.37	.34	1482.5
75	8.50	32.98	25.64	237.0	2.03	.75	1483.4
100	8.28	33.26	25.89	213.7	2.59	1.24	1483.4
125	8.03	33.59	26.19	186.1	3.09	1.80	1483.2
150	7.72	33.72	26.33	172.5	3.54	2.42	1482.6
175	7.26	33.83	26.48	158.4	3.95	3.09	1481.4
200	7.04	33.93	26.60	147.8	4.34	3.81	1481.1
225	6.82	33.96	26.65	143.5	4.70	4.58	1480.6
250	6.50	33.98	26.71	137.7	5.05	5.42	1479.8
300	6.00	34.00	26.79	130.6	5.73	7.26	1478.6
400	5.44	34.03	26.88	122.4	6.99	11.69	1478.0
500	4.95	34.08	26.98	113.8	8.18	17.01	1477.7
600	4.55	34.14	27.07	106.1	9.28	23.07	1477.8
800	3.83	34.27	27.25	90.0	11.24	36.71	1478.2
1000	3.32	34.40	27.40	76.1	12.89	51.52	1479.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1075.2	3.21	34.41	27.42	74.7	13.45	57.34	1480.3

WIND MIXED LAYER DEPTH = 65.0 METRES



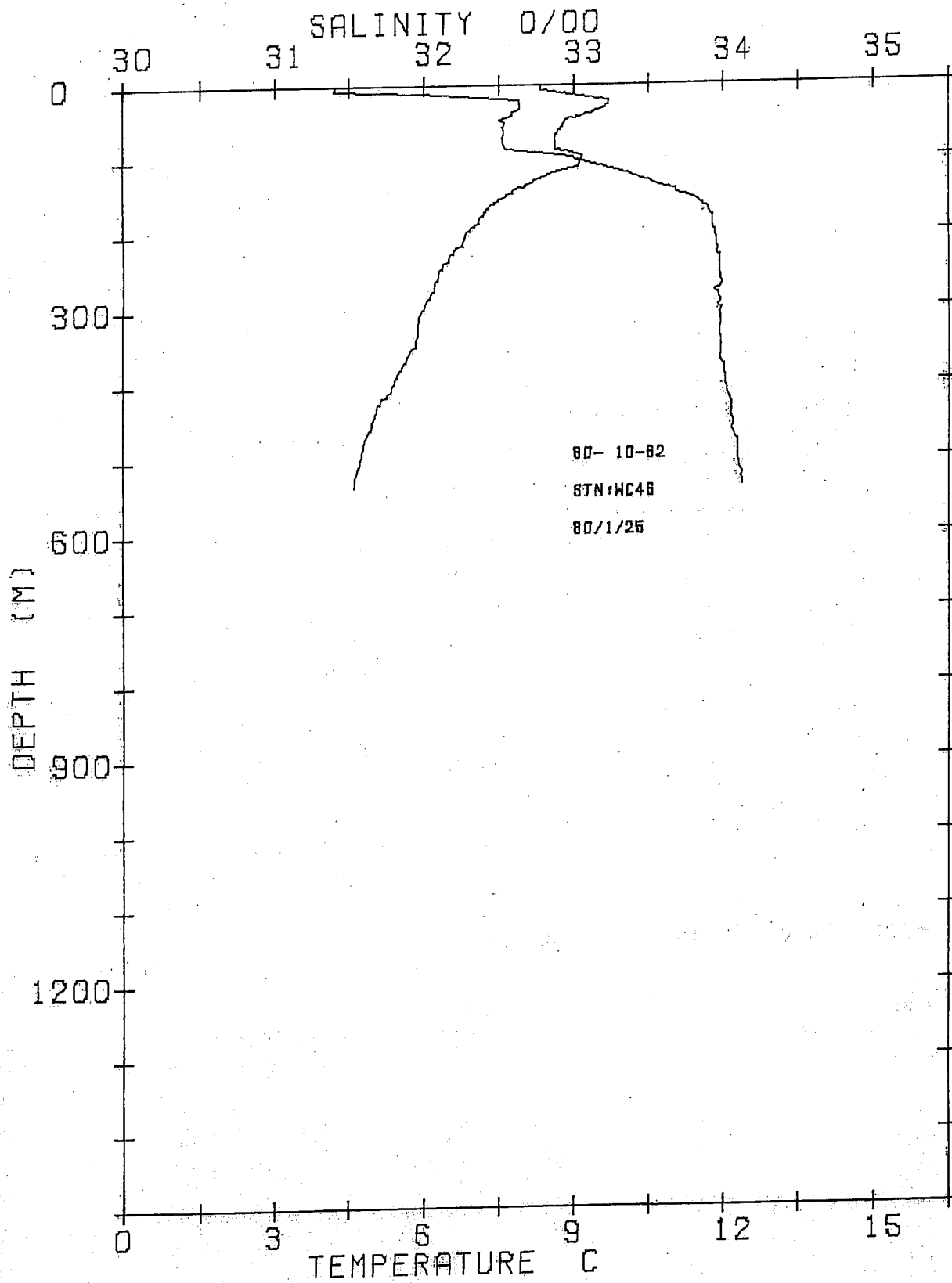
CRUISE : C.O.D.E. 80-10.
 STATION: WC45 CONS #061
 LAT N 49 57.0 LONG W 128 12.5
 DATE 80/01/25 TIME (PST) 0116

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.35	31.10	24.19	374.0	.00	.00	1479.2
10	9.08	31.98	24.77	319.1	.36	.02	1483.3
20	9.82	32.61	25.14	283.6	.65	.06	1487.0
30	9.85	32.62	25.14	283.5	.94	.13	1487.3
50	9.61	32.63	25.19	279.7	1.50	.36	1486.7
75	9.62	32.76	25.29	270.3	2.19	.79	1487.3
100	8.57	33.39	25.95	207.9	2.78	1.30	1484.6
125	8.15	33.61	26.19	186.0	3.26	1.84	1483.7
150	7.96	33.72	26.30	175.4	3.71	2.46	1483.5
175	7.76	33.78	26.38	168.4	4.14	3.16	1483.3
200	7.44	33.87	26.49	158.1	4.55	3.93	1482.5
225	7.19	33.90	26.55	152.3	4.94	4.75	1482.0
250	6.79	33.96	26.65	143.3	5.31	5.63	1480.9
300	6.25	33.99	26.74	135.0	6.01	7.54	1479.6
400	5.55	34.02	26.86	125.1	7.31	12.10	1478.5
500	4.97	34.08	26.97	114.7	8.52	17.51	1477.8
600	4.43	34.16	27.10	103.0	9.61	23.50	1477.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
620.4	4.36	34.18	27.12	100.9	9.82	24.77	1477.4

WIND MIXED LAYER DEPTH = 68.0 METRES



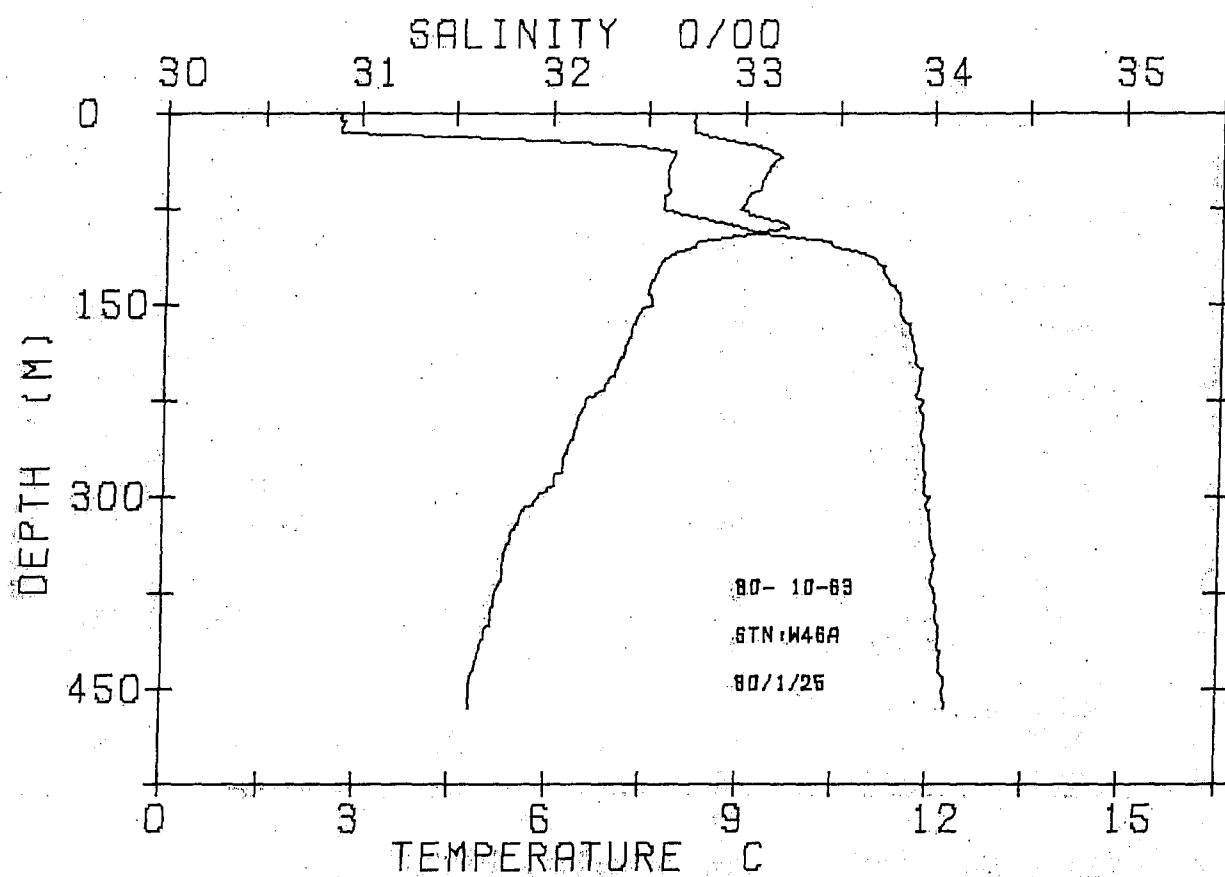
CRUISE : C.O.D.E. 80-10.
 STATION: WC46 CONS #002
 LAT N 50 01.5 LONG W 128 05.5
 DATE 80/01/25 TIME (PST) 0301

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.33	31.41	24.43	350.5	.00	.00	1479.5
10	8.73	31.96	24.80	315.4	.34	.02	1481.9
20	9.67	32.61	25.17	281.0	.64	.06	1486.4
30	9.62	32.64	25.20	278.3	.92	.13	1486.5
50	8.82	32.53	25.24	274.7	1.47	.35	1483.6
75	8.62	32.52	25.26	272.9	2.16	.78	1483.3
100	9.15	33.02	25.57	244.3	2.81	1.35	1486.3
125	8.35	33.45	26.03	200.9	3.37	1.98	1484.3
150	7.62	33.77	26.38	167.5	3.83	2.60	1482.3
175	7.18	33.93	26.57	150.0	4.22	3.24	1481.2
200	6.86	33.95	26.64	143.8	4.59	3.93	1480.4
225	6.57	33.96	26.68	140.0	4.94	4.68	1479.7
250	6.31	33.98	26.73	135.2	5.28	5.50	1479.1
300	6.00	33.99	26.78	131.5	5.95	7.34	1478.6
400	5.40	34.02	26.87	123.2	7.24	11.82	1477.9
500	4.75	34.10	27.02	110.2	8.39	17.01	1477.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
535.5	4.61	34.13	27.05	107.2	8.78	19.00	1477.0

WIND MIXED LAYER DEPTH = 75.0 METRES



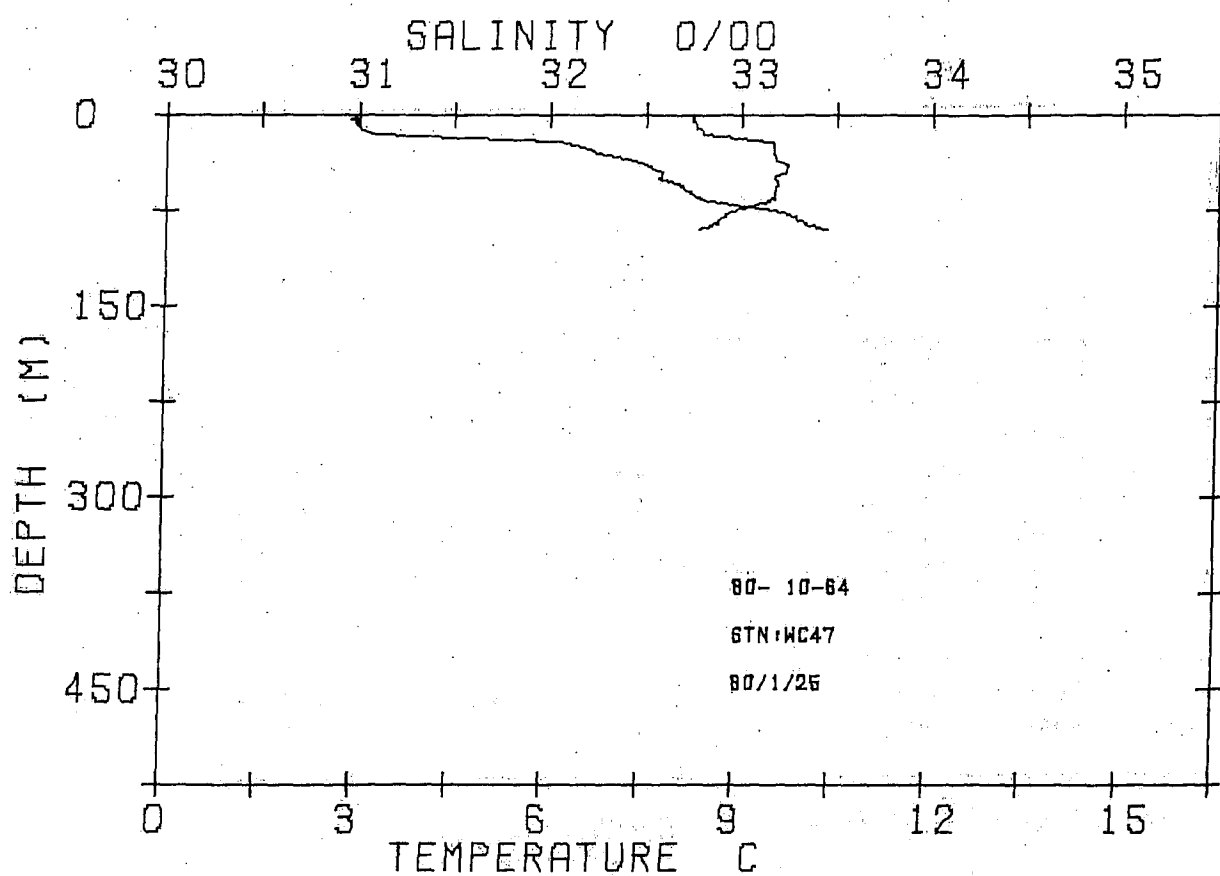
CRUISE : C.O.D.E. 80-10.
 STATION: W46A CONS #003
 LAT N 50 03.6 LONG W 128 00.8
 DATE 80/01/25 TIME (PST) 0359

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.20	30.89	24.05	387.3	.00	.00	1478.4
10	8.22	30.89	24.04	387.9	.39	.02	1478.6
20	8.61	31.76	24.67	328.4	.76	.07	1481.4
30	9.43	32.63	25.22	276.0	1.05	.15	1485.7
50	9.33	32.61	25.22	276.8	1.61	.37	1485.7
75	8.97	32.58	25.26	273.5	2.30	.80	1484.7
100	8.41	33.43	26.01	202.7	2.93	1.35	1484.1
125	7.67	33.75	26.36	169.0	3.38	1.86	1482.0
150	7.59	33.84	26.45	161.6	3.79	2.42	1482.3
175	7.28	33.90	26.54	153.4	4.18	3.06	1481.6
200	7.07	33.95	26.61	146.8	4.56	3.76	1481.2
225	6.60	33.96	26.68	140.5	4.92	4.54	1479.7
250	6.42	33.95	26.70	138.9	5.27	5.37	1479.5
300	5.86	34.00	26.80	129.3	5.95	7.22	1478.1
400	5.13	34.06	26.94	117.1	7.17	11.48	1476.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
465.5	4.82	34.09	27.00	111.4	7.91	14.70	1476.7

WIND MIXED LAYER DEPTH = 78.6 METRES

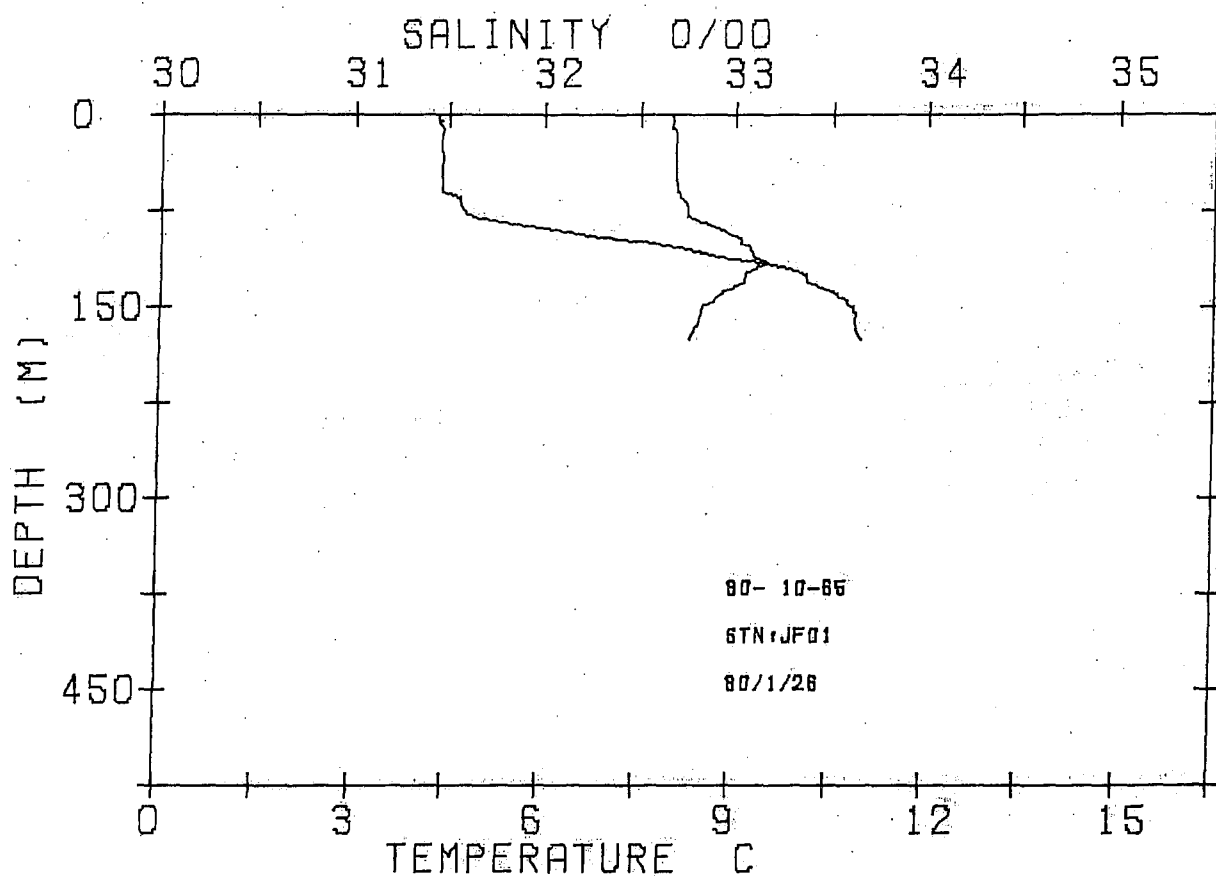


CRUISE : C.O.D.E. 80-10.
 STATION: WC47 CONS #064
 LAT N 50 06.0 LONG W 127 58.0
 DATE 80/01/25 TIME (PST) 0441

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.23	30.98	24.12	380.8	.00	.00	1478.6
10	8.30	31.01	24.13	379.8	.38	.02	1479.1
20	9.43	32.00	24.73	323.1	.74	.07	1484.8
30	9.50	32.25	24.91	305.6	1.06	.15	1485.5
50	9.53	32.57	25.16	282.7	1.64	.38	1486.4
75	8.93	33.18	25.73	228.5	2.30	.79	1485.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
90.0	8.36	33.45	26.03	200.4	2.62	1.06	1483.7



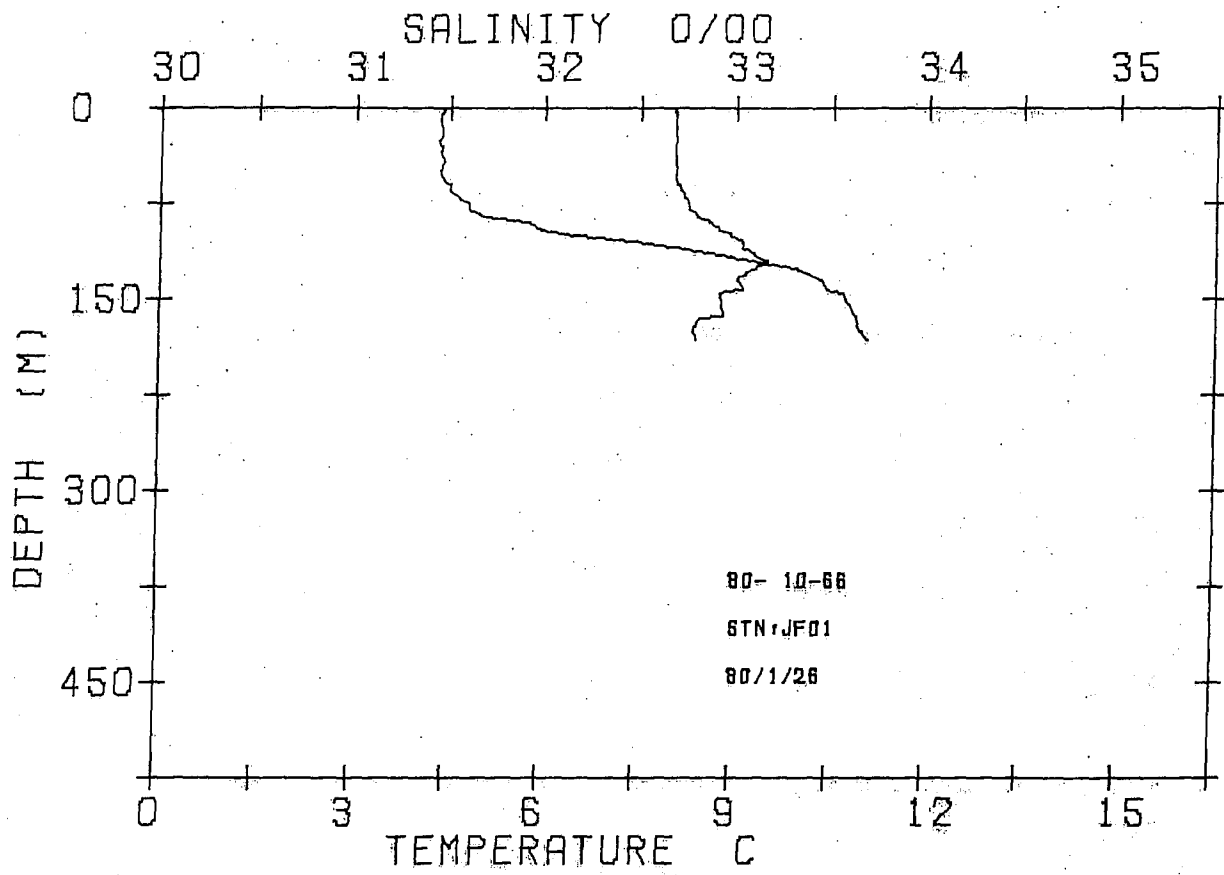
CRUISE : C.O.D.E. 80-10.
 STATION: JF01 CONS #065
 LAT N 48 30.5 LONG W 124 46.5
 DATE 80/01/26 TIME (PST) 1928

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.99	31.44	24.51	343.2	.00	.00	1478.3
10	7.99	31.47	24.53	341.4	.34	.02	1478.4
20	8.03	31.46	24.52	342.8	.69	.07	1478.8
30	8.04	31.47	24.52	342.3	1.03	.15	1479.0
50	8.05	31.47	24.52	343.0	1.71	.43	1479.3
75	8.24	31.59	24.59	336.5	2.56	.96	1480.6
100	9.13	32.57	25.22	277.4	3.35	1.64	1485.7
125	9.20	33.36	25.83	219.9	3.97	2.34	1487.4
150	8.54	33.61	26.13	192.0	4.49	3.05	1485.6
175	8.31	33.66	26.20	185.4	4.96	3.81	1485.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.1	8.31	33.66	26.20	185.4	4.96	3.82	1485.2

WIND MIXED LAYER DEPTH = 72.8 METRES



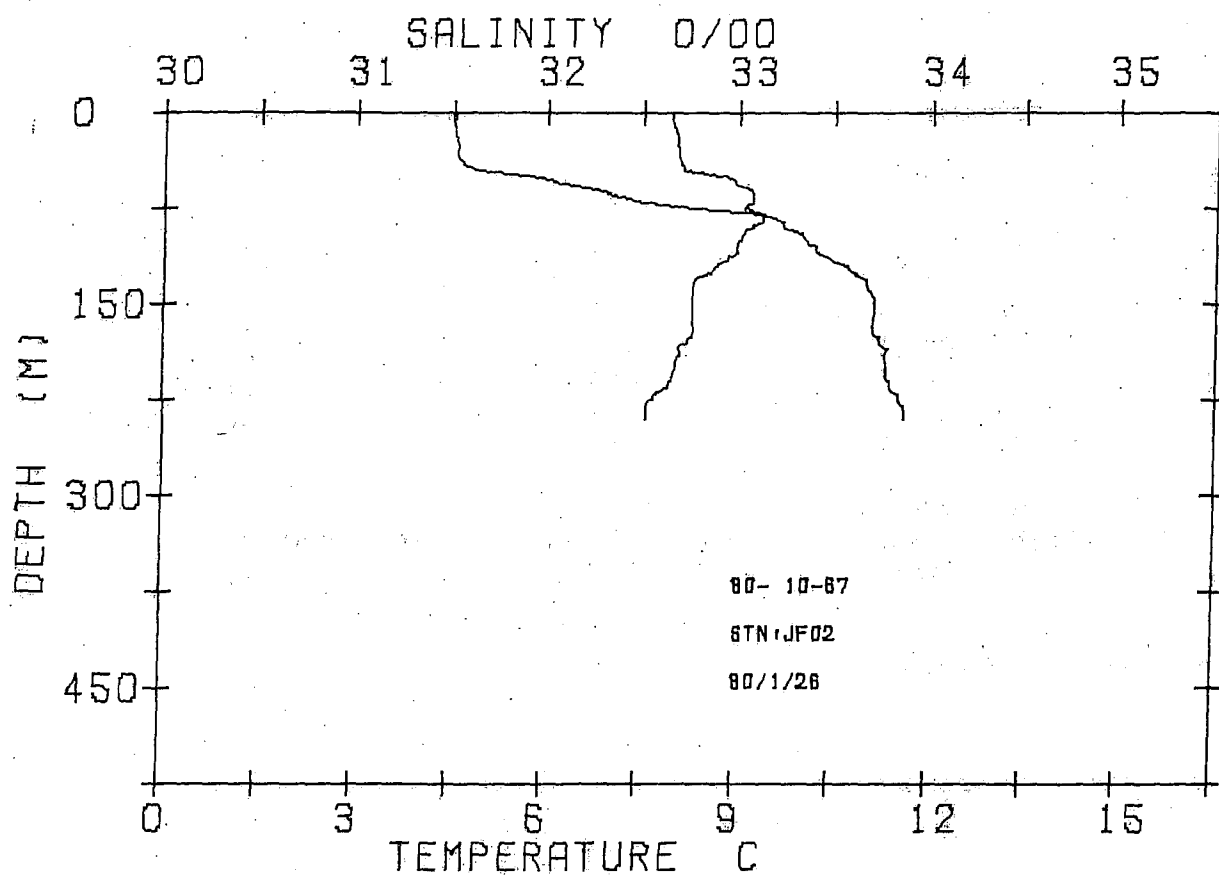
CRUISE : C.O.D.E. 80-10.
 STATION: JF01 CONS #066
 LAT N 48 30.5 LONG W 124 46.5
 DATE 80/01/26 TIME (PST) 1936

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.03	31.46	24.52	342.6	.00	.00	1478.4
10	8.05	31.45	24.51	343.6	.34	.02	1478.7
20	8.05	31.46	24.52	343.1	.69	.07	1478.8
30	8.04	31.46	24.52	343.1	1.03	.15	1479.0
50	8.07	31.45	24.50	344.7	1.72	.43	1479.4
75	8.26	31.60	24.59	336.5	2.57	.96	1480.7
100	8.94	32.16	24.93	304.7	3.38	1.67	1484.4
125	9.34	33.30	25.75	227.2	4.04	2.41	1487.8
150	8.77	33.57	26.06	198.4	4.56	3.13	1486.4
175	8.33	33.66	26.20	185.7	5.05	3.91	1485.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
181.2	8.41	33.69	26.20	185.4	5.16	4.12	1485.7

WIND MIXED LAYER DEPTH = 57.6 METRES



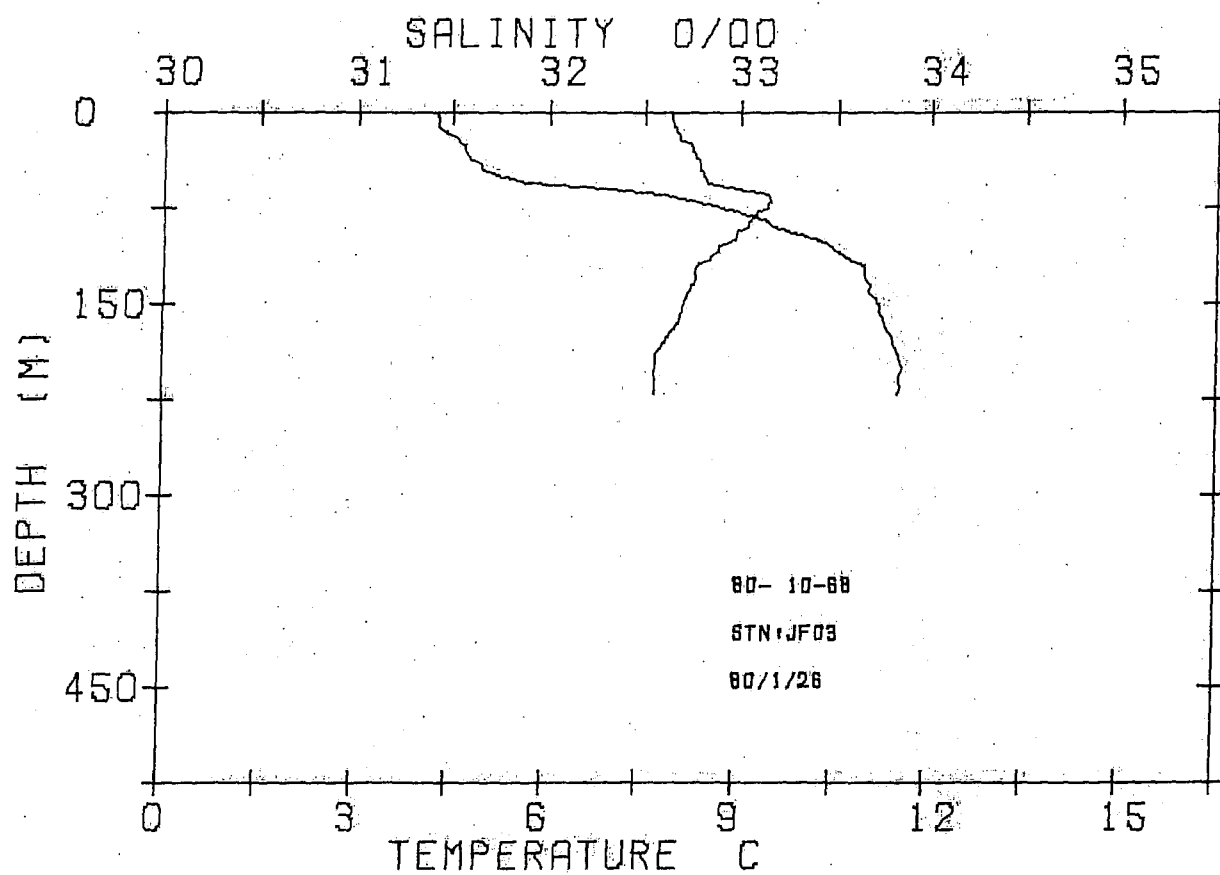
CRUISE : C.O.D.E. 80-10.
 STATION: JF02 CONS #007
 LAT N 48 28.5 LONG W 124 39.0
 DATE 80/01/26 TIME (PST) 2027

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.94	31.51	24.57	337.5	.00	.00	1478.1
10	7.95	31.51	24.57	337.7	.34	.02	1478.4
20	8.02	31.52	24.57	338.2	.68	.07	1478.8
30	8.03	31.52	24.56	338.7	1.01	.15	1479.0
50	8.80	31.96	24.79	317.2	1.68	.42	1482.8
75	9.10	32.77	25.38	261.4	2.42	.88	1485.4
100	9.05	33.36	25.85	217.8	3.00	1.38	1486.4
125	8.60	33.61	26.12	192.8	3.52	1.96	1485.4
150	8.27	33.71	26.24	181.1	3.98	2.59	1484.7
175	8.27	33.72	26.26	180.3	4.43	3.33	1485.1
200	8.04	33.77	26.33	173.6	4.87	4.16	1484.7
225	7.68	33.84	26.44	163.8	5.29	5.06	1483.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
240.0	7.58	33.87	26.47	160.5	5.54	5.62	1483.7

WIND MIXED LAYER DEPTH = 40.5 METRES



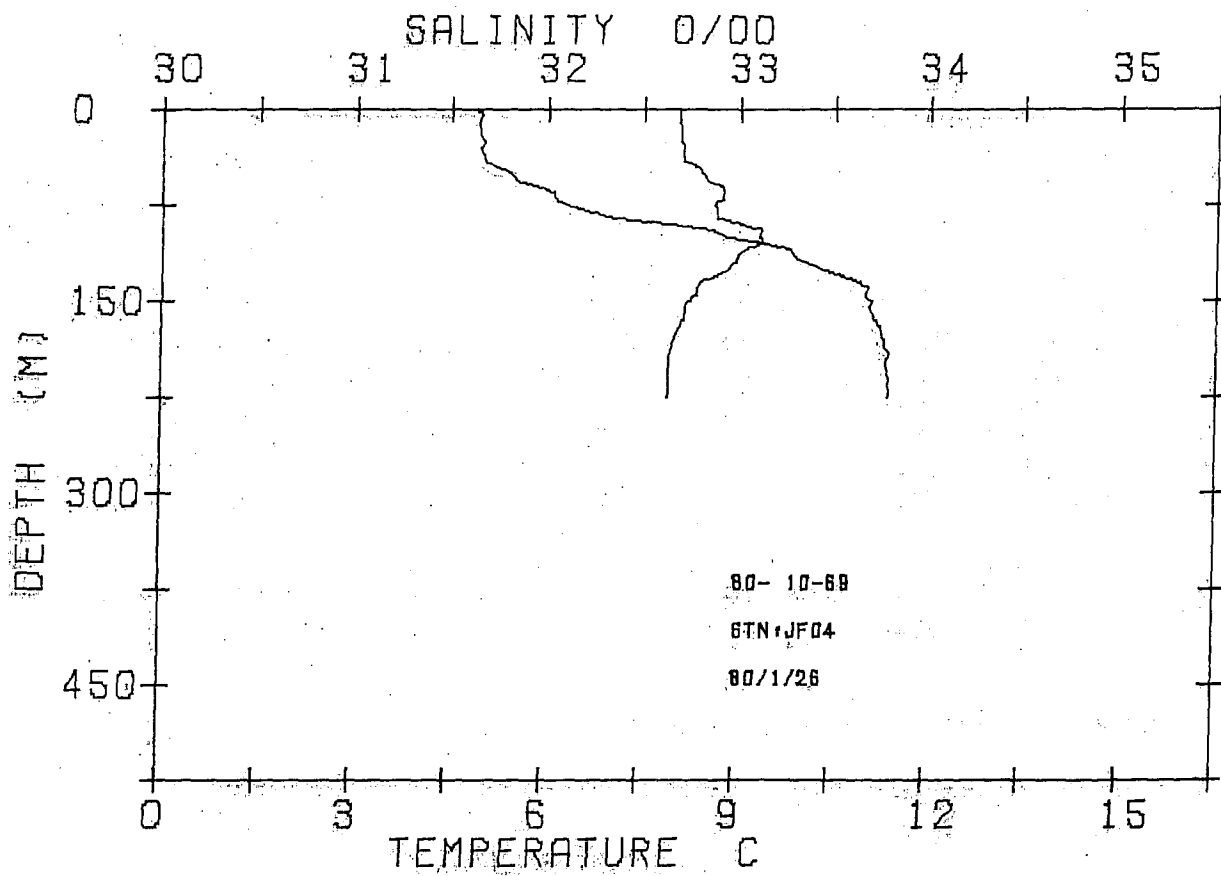
CRUISE : C.O.D.E. 80-10.
 STATION: JF03 CONS #068
 LAT N 48 26.0 LONG W 124 31.0
 DATE 80/01/26 TIME (PST) 2119

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.92	31.42	24.50	343.9	.00	.00	1478.0
10	7.95	31.43	24.51	343.8	.34	.02	1478.3
20	8.07	31.53	24.56	338.4	.69	.07	1479.0
30	8.25	31.57	24.57	337.6	1.02	.15	1479.9
50	8.42	31.74	24.68	327.4	1.69	.42	1481.1
75	9.41	32.91	25.44	256.3	2.41	.87	1486.8
100	8.93	33.40	25.90	212.9	3.00	1.38	1486.0
125	8.31	33.65	26.19	185.8	3.49	1.93	1484.4
150	8.15	33.73	26.28	177.8	3.95	2.56	1484.3
175	7.92	33.80	26.36	169.8	4.39	3.27	1483.9
200	7.70	33.86	26.45	162.4	4.80	4.04	1483.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
220.3	7.71	33.83	26.43	164.8	5.13	4.74	1483.9

WIND MIXED LAYER DEPTH = 30.0 METRES



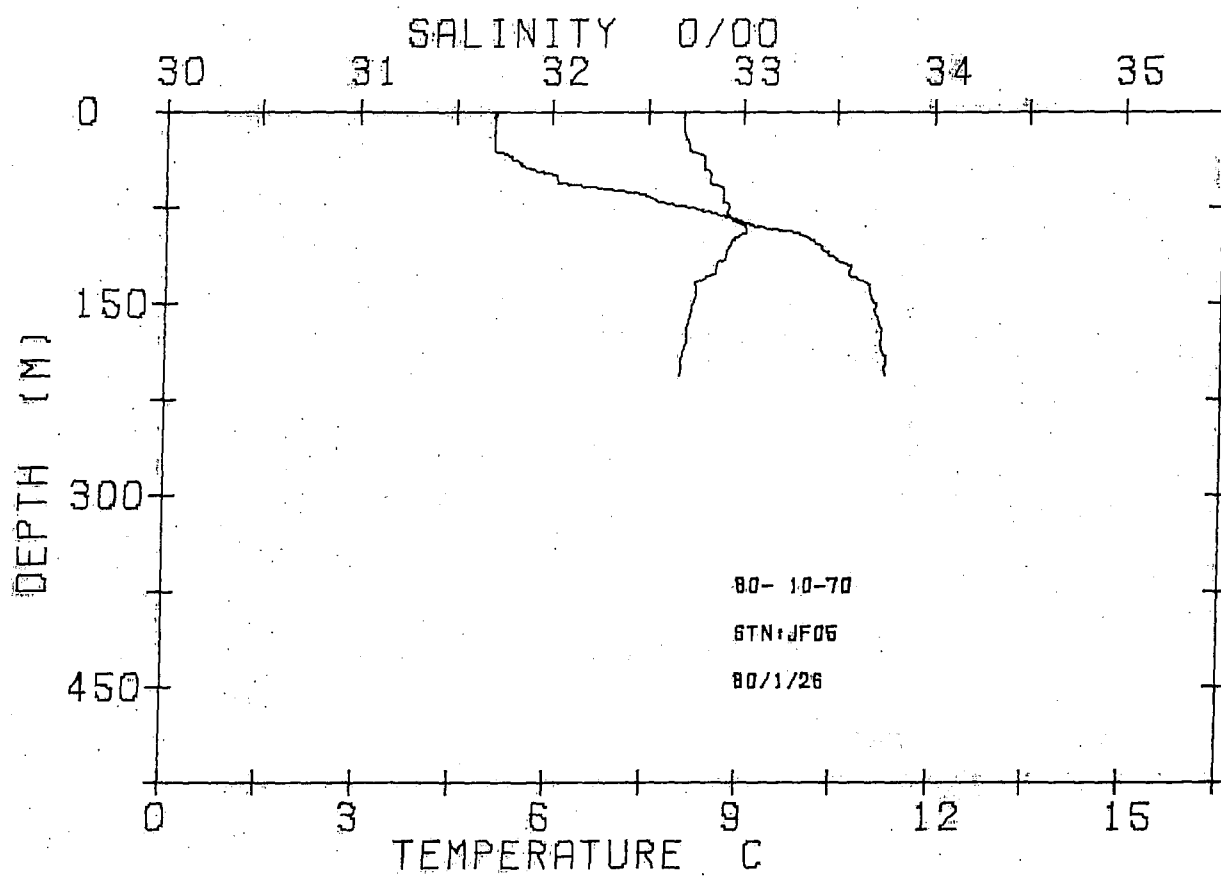
CRUISE : C.O.D.E. 80-10.
 STATION: JF04 CONS #069
 LAT N 48 24.5 LONG W 124 23.0
 DATE 80/01/26 TIME (PST) 2214

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.04	31.64	24.66	329.2	.00	.00	1478.7
10	8.05	31.64	24.66	329.2	.33	.02	1478.9
20	8.08	31.65	24.66	329.1	.66	.07	1479.2
30	8.09	31.65	24.66	329.5	.99	.15	1479.4
50	8.40	31.81	24.74	322.6	1.64	.41	1481.1
75	8.62	32.11	24.94	303.7	2.43	.90	1482.8
100	9.34	32.94	25.48	252.8	3.12	1.51	1486.9
125	8.90	33.43	25.93	210.5	3.69	2.14	1486.3
150	8.26	33.70	26.24	181.4	4.17	2.80	1484.7
175	8.05	33.76	26.31	174.6	4.61	3.52	1484.3
200	7.93	33.78	26.35	171.5	5.04	4.33	1484.3
225	7.92	33.79	26.36	171.2	5.47	5.23	1484.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
225.1	7.92	33.79	26.36	171.2	5.47	5.24	1484.7

WIND MIXED LAYER DEPTH = 35.0 METRES



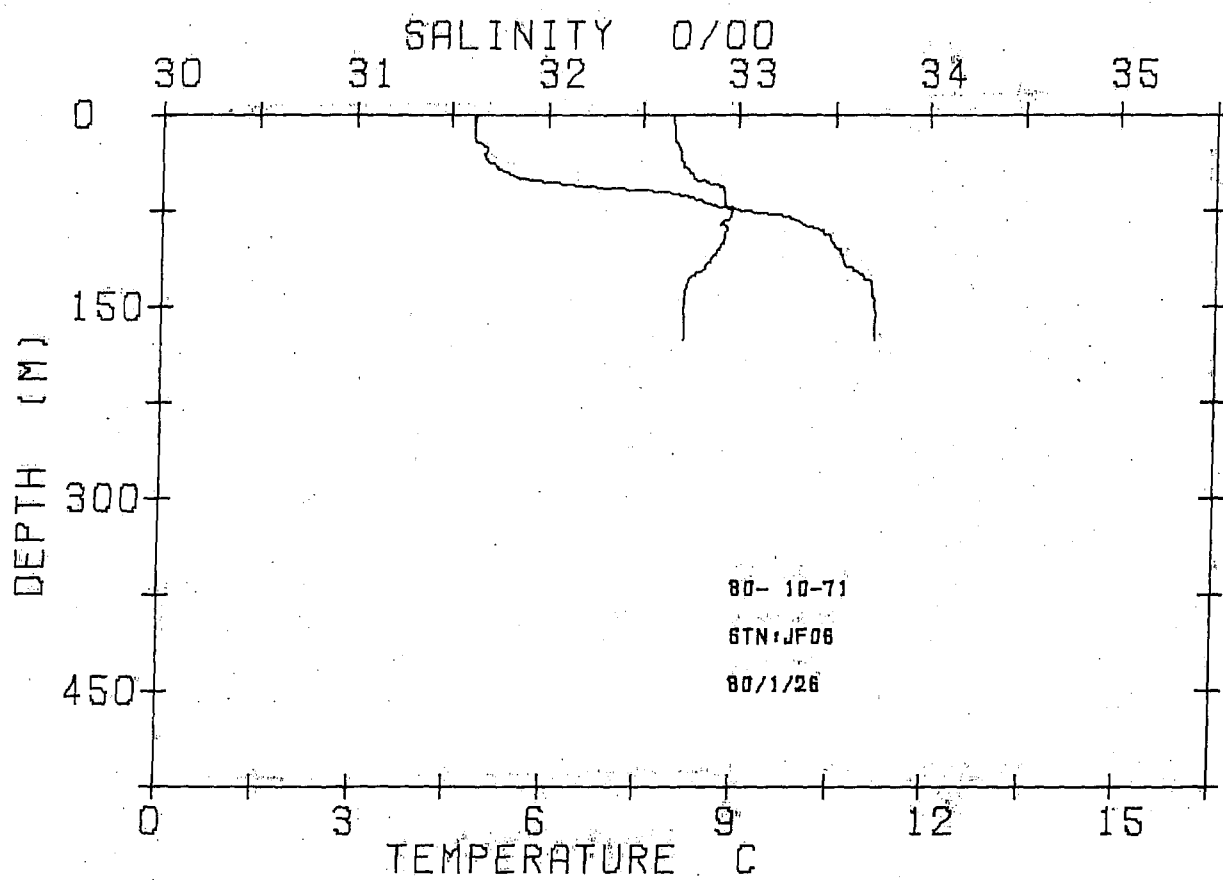
CRUISE : C.O.D.E. 80-10.
 STATION: JF05 CONS #070
 LAT N 48 21.0 LONG W 124 14.2
 DATE 80/01/26 TIME (PST) 2258

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.04	31.71	24.71	324.1	.00	.00	1478.8
10	8.04	31.70	24.71	324.7	.32	.02	1479.0
20	8.06	31.70	24.71	324.9	.65	.07	1479.2
30	8.12	31.70	24.69	326.4	.97	.15	1479.6
50	8.49	32.03	24.90	307.1	1.61	.40	1481.7
75	8.78	32.72	25.40	260.3	2.33	.84	1484.1
100	8.89	33.38	25.89	213.5	2.92	1.36	1485.8
125	8.58	33.57	26.09	195.2	3.43	1.93	1485.3
150	8.24	33.71	26.25	180.4	3.89	2.57	1484.6
175	8.12	33.74	26.29	176.9	4.34	3.30	1484.6
200	8.05	33.75	26.31	175.2	4.78	4.12	1484.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
205.6	8.04	33.76	26.32	174.8	4.88	4.32	1484.8

WIND MIXED LAYER DEPTH = 17.3 METRES



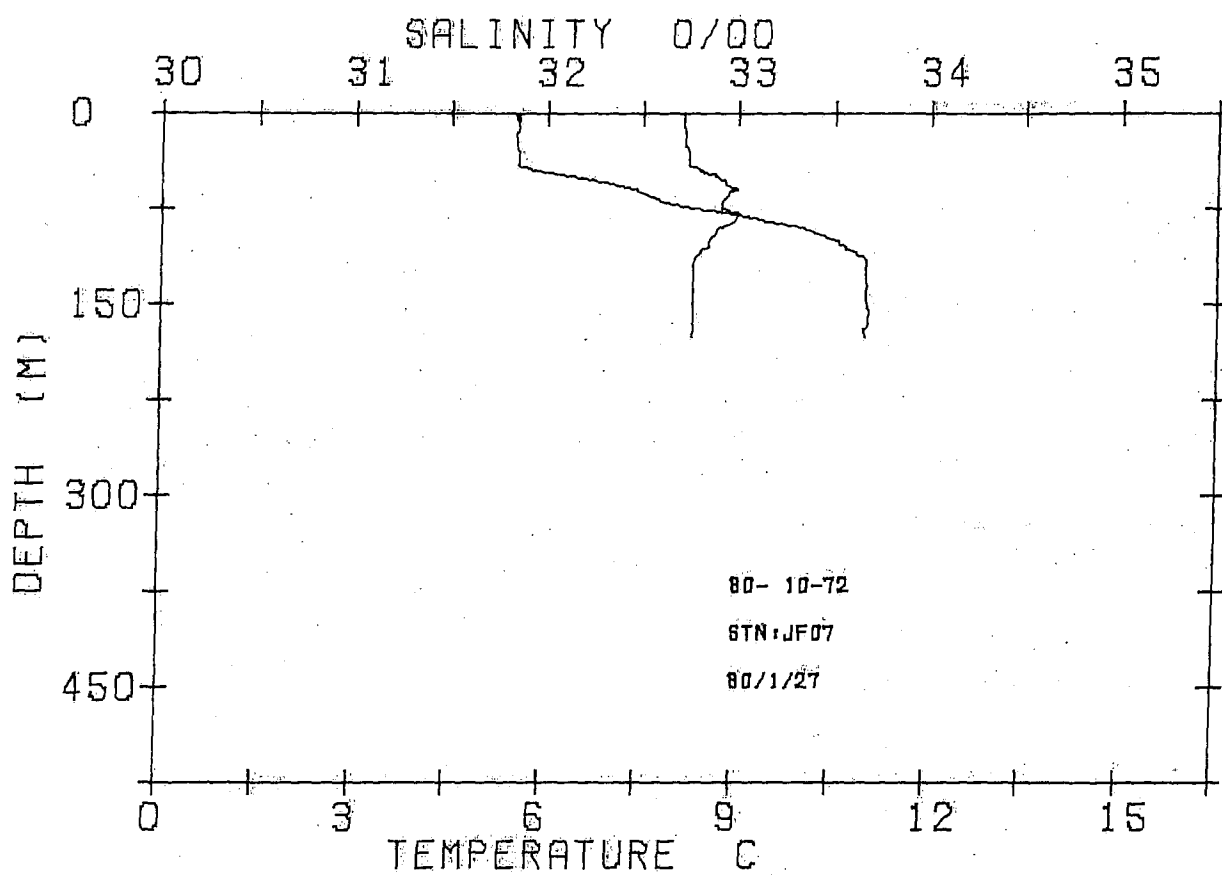
CRUISE : C.O.D.E. 80-10.
 STATION: JF06 CONS #071
 LAT N 48 18.8 LONG W 124 05.5
 DATE 80/01/26 TIME (PST) 2347

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.99	31.63	24.66	329.4	.00	.00	1478.5
10	8.00	31.62	24.65	329.9	.33	.02	1478.7
20	8.02	31.63	24.65	329.9	.66	.07	1478.9
30	8.11	31.67	24.68	328.0	.99	.15	1479.5
50	8.30	31.85	24.78	318.0	1.64	.41	1480.8
75	8.93	33.03	25.61	239.6	2.31	.82	1485.1
100	8.79	33.50	26.00	203.5	2.85	1.29	1485.6
125	8.34	33.66	26.19	185.3	3.34	1.84	1484.5
150	8.18	33.72	26.26	179.1	3.79	2.46	1484.4
175	8.19	33.72	26.26	179.7	4.24	3.19	1484.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.2	8.19	33.72	26.26	179.7	4.24	3.19	1484.8

WIND MIXED LAYER DEPTH = 35.0 METRES



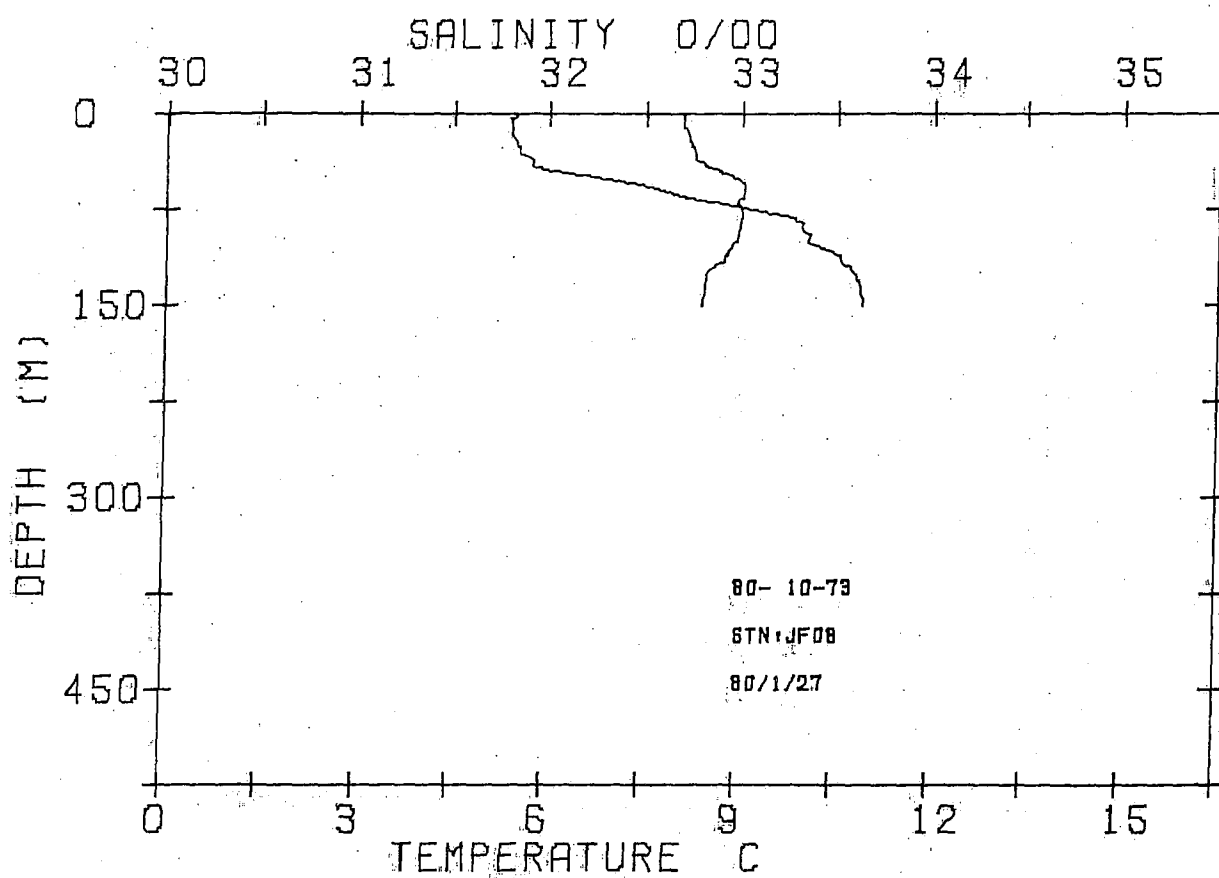
CRUISE : C.O.D.E. 80-10.
 STATION: JF07 CONS #072
 LAT N 48 17.0 LONG W 123 57.5
 DATE 80/01/27 TIME (PST) 0022

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.14	31.84	24.80	315.8	.00	.00	1479.3
10	8.14	31.86	24.81	314.5	.32	.02	1479.5
20	8.17	31.85	24.80	316.0	.63	.06	1479.8
30	8.21	31.86	24.81	315.4	.95	.14	1480.2
50	8.66	32.12	24.95	302.6	1.57	.39	1482.5
75	8.75	32.78	25.44	255.9	2.27	.83	1484.1
100	8.59	33.51	26.04	199.3	2.83	1.31	1484.9
125	8.31	33.67	26.20	184.3	3.31	1.85	1484.4
150	8.31	33.68	26.21	184.0	3.77	2.48	1484.8
175	8.32	33.67	26.21	184.9	4.23	3.23	1485.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
175.1	8.32	33.67	26.21	184.9	4.23	3.23	1485.3

WIND MIXED LAYER DEPTH = 38.3 METRES



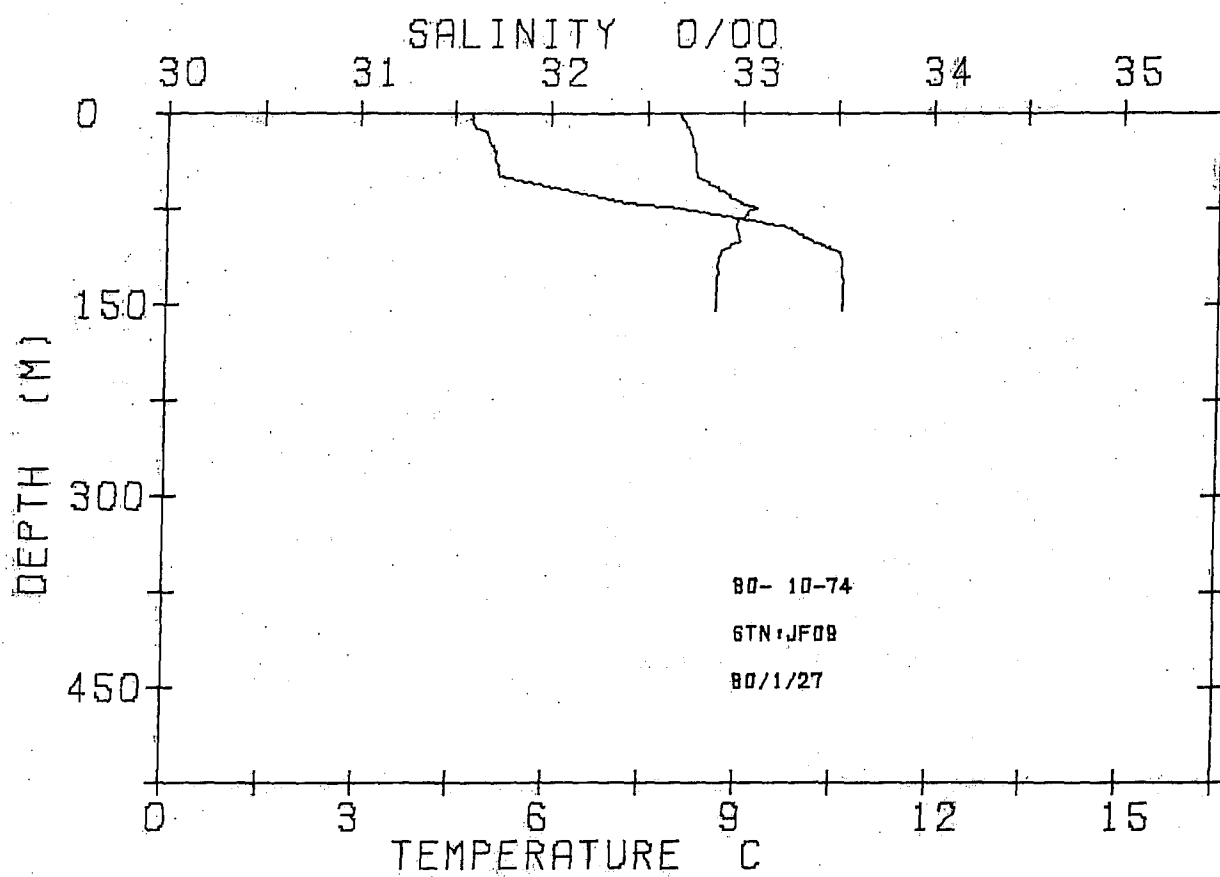
CRUISE : C.O.D.E. 80-10.
 STATION: JF08 CONS #073
 LAT N 48 16.0 LONG W 123 49.0
 DATE 80/01/27 TIME (PST) 0112

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.05	31.83	24.80	315.4	.00	.00	1479.0
10	8.06	31.81	24.78	317.3	.32	.02	1479.2
20	8.15	31.83	24.79	317.1	.63	.06	1479.7
30	8.24	31.85	24.80	316.5	.95	.14	1480.2
50	8.89	32.25	25.01	296.6	1.57	.39	1483.5
75	9.01	33.07	25.63	238.0	2.24	.81	1485.5
100	8.93	33.35	25.86	216.2	2.79	1.29	1485.9
125	8.48	33.60	26.12	191.9	3.30	1.86	1485.0
150	8.40	33.64	26.17	188.0	3.77	2.51	1485.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
150.1	8.40	33.64	26.17	188.0	3.77	2.51	1485.1

WIND MIXED LAYER DEPTH = 31.4 METRES



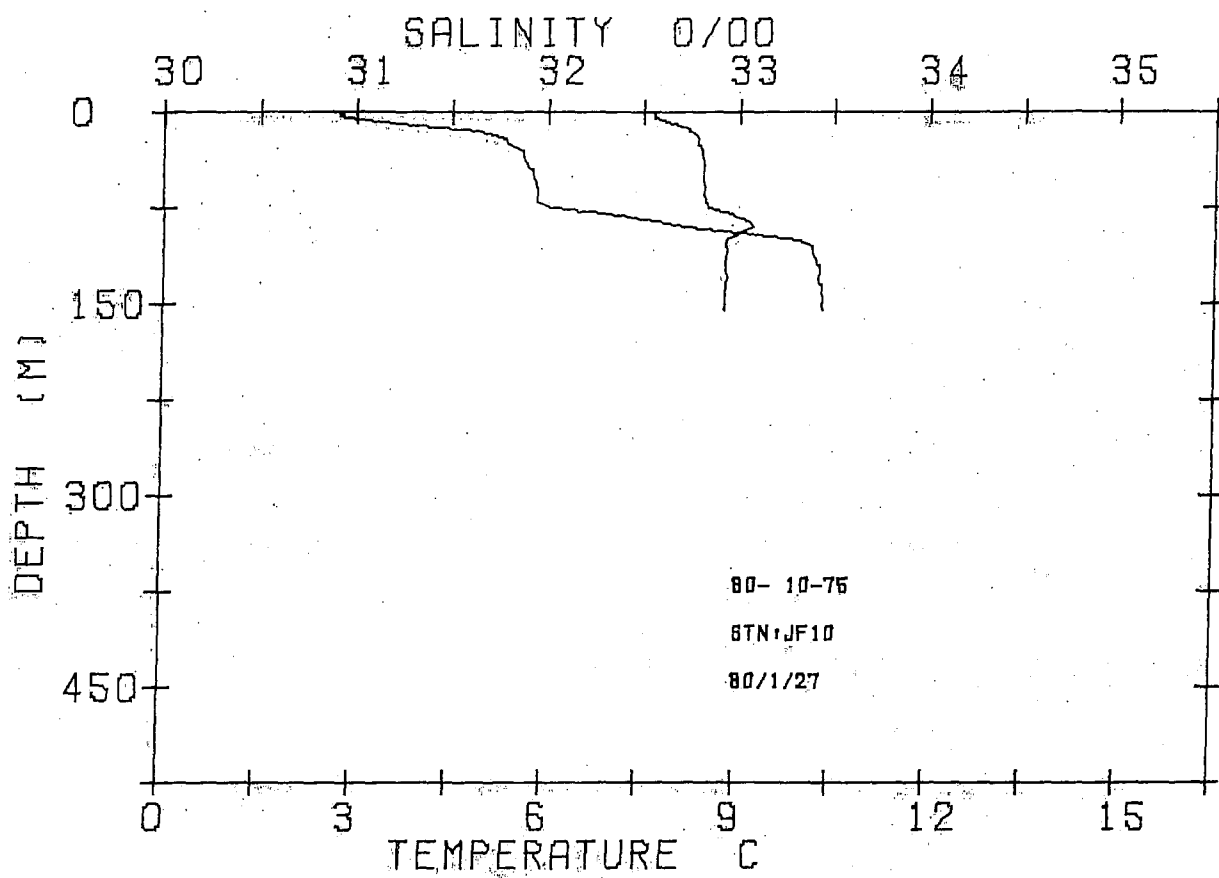
CRUISE : C.O.D.E. 80-10.
 STATION: JF09 CONS #074
 LAT N 48 14.5 LONG W 123 40.8
 DATE 80/01/27 TIME (PST) 0204

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	8.02	31.59	24.62	332.4	.00	.00	1478.6
10	8.09	31.61	24.63	332.5	.33	.02	1479.0
20	8.19	31.68	24.67	328.4	.66	.07	1479.7
30	8.21	31.71	24.69	326.4	.99	.15	1480.0
50	8.29	31.74	24.70	326.1	1.64	.41	1480.6
75	9.21	32.68	25.30	269.6	2.39	.88	1485.7
100	8.97	33.37	25.87	215.7	2.98	1.39	1486.1
125	8.63	33.53	26.05	199.4	3.49	1.96	1485.4
150	8.60	33.53	26.06	199.0	3.98	2.64	1485.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
155.1	8.62	33.53	26.05	199.5	4.09	2.79	1485.9

WIND MIXED LAYER DEPTH = 45.5 METRES



CRUISE : C.O.D.E. 80-10.
 STATION: JF10 CONS #075
 LAT N 48 13.5 LONG W 123 35.0
 DATE 80/01/27 TIME (PST) 0242

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	7.65	30.93	24.15	377.3	.00	.00	1476.3
10	8.01	31.30	24.40	354.2	.37	.02	1478.3
20	8.32	31.78	24.73	323.1	.71	.07	1480.3
30	8.39	31.87	24.79	317.2	1.03	.15	1480.9
50	8.43	31.93	24.83	313.6	1.66	.40	1481.4
75	8.51	32.03	24.89	307.9	2.44	.89	1482.2
100	8.83	33.32	25.85	217.1	3.11	1.47	1485.5
125	8.79	33.43	25.95	208.9	3.64	2.07	1485.9
150	8.79	33.44	25.96	208.4	4.16	2.78	1486.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
155.2	8.78	33.45	25.96	207.9	4.27	2.95	1486.4

WIND MIXED LAYER DEPTH = 66.7 METRES

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OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 1

DATE 15/ 1/80

GMT 19.3

POSITION 48-32.2 N, 125-15.5 W

STATION 103

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.172	5.756
25		32.232	6.251
50		32.518	6.247
75		32.707	6.010
100		32.916	6.295

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 2

DATE 15/ 1/80

GMT 9.5

POSITION 48-25.5 N, 125-28.3 W

STATION 105

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
25		32.600	6.263
50		32.603	6.181
75		32.657	6.071
100		33.079	4.910
125		33.410	3.976

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 3 DATE 15/ 1/80 GMT 23.4
POSITION 48-18.5 N, 125-41.2 W STATION 107
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.721	
25		32.724	6.987
50		32.723	6.161
75		32.720	6.177
100		33.320	4.072
125		33.512	3.766
140		33.547	3.723

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 4 DATE 16/ 1/80 GMT 1.8
POSITION 48-12.9 N, 125-52.0 W STATION 109
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.738	6.145
25		32.741	6.115
50		32.735	6.124
75		32.873	5.684
100		33.550	3.698
125		33.672	3.395
150			5.000
175		33.761	3.074
200		33.781	2.987
250			2.777
300		33.864	2.493
500		33.951	1.042
590		34.079	

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 6
 POSITION 48- 8.5 N, 126-
 HYDROGRAPHIC CAST DATA

DATE 16/ 1/80
 .0 W

GMT 3.4
 STATION 111

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.691	6.226
25		32.693	6.230
50		32.701	6.228
75		33.275	4.719
100		33.633	3.637
125		33.788	2.963
150		33.825	2.902
175		33.887	3.154
200		33.876	2.771
300		33.971	2.434
500		34.022	1.376
1150			.548

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 8
 POSITION 48- 2.5 N, 126-20.0 W
 HYDROGRAPHIC CAST DATA

DATE 16/ 1/80

GMT 7.2
 STATION WC9

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	9.53	32.585	6.378
25		32.583	6.489
50	9.55	32.593	6.729
75		32.682	6.166
100	8.34	33.406	4.919
125		33.673	3.435
150	7.90	33.781	3.223
175		33.874	2.949
200	7.37	33.933	2.711
300		33.990	2.210
500	4.86	34.060	1.061
1145		34.451	.719

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 11 DATE 16/ 1/80 GMT 12.5
 POSITION 48-16.0 N, 126-49.5 W STATION WC12
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	9.10	32.501	6.466
25		32.508	6.039
50	9.10	32.501	5.765
75		32.938	4.404
100	8.21	33.437	4.307
125		33.626	2.578
150	7.76	33.791	2.035
175		33.726	3.043
200	7.31	33.914	2.819
300		33.990	2.157
500	4.81	34.062	.813
1180		34.440	.595

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 14 DATE 16/ 1/80 GMT 18.6
 POSITION 48-30.0 N, 127-20.0 W STATION WC15
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	8.47	32.500	6.560
25		32.503	6.547
50	8.54	32.537	6.500
75		32.604	6.154
100	7.50	33.515	3.749
125		33.747	3.232
150	7.21	33.829	3.082
175		33.886	3.133
200	6.46	33.931	2.847
300		33.977	1.796
500	4.46	34.122	.735

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 17 DATE 17/ 1/80 GMT .7
 POSITION 48-41.7 N, 127-45.8 W STATION WC18
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	8.47	32.517	6.277
25		32.512	6.488
50	8.47	32.504	6.502
75		33.187	4.634
100	7.58	33.460	4.061
125		33.793	3.291
150	7.06	33.806	3.086
175		33.899	2.987
200	6.42		
300		33.980	2.000
500	4.54	34.109	.837
1050		34.425	.599

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 19 DATE 17/ 1/80 GMT 5.4
 POSITION 48-53.5 N, 127-29.0 W STATION WC20
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	8.64	32.508	6.867
25		32.507	6.606
50	8.65	32.507	6.494
75		32.976	5.200
100	7.51	33.616	3.769
125		33.780	3.264
150	7.17	33.807	3.097
175		33.859	3.099
200	6.54	33.937	2.656
300		33.973	1.950
500	4.88	34.094	.962
800		34.324	.367

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 20 DATE 17/ 1/80 GMT 7.8
 POSITION 48-59.0 N, 127-19.5 W STATION WC21
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.517
25			6.514
50			6.512
75			5.436
100			4.436
125			3.644
150			3.290
200			2.630
250			2.668
300			1.967
500			.869

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 10- 21 DATE 17/ 1/80 GMT 10.0
 POSITION 49- 4.5 N, 127-11.0 W STATION WC22
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.620
25			6.271
50			6.517
75			6.286
100			4.293
125			3.847
150			3.285
175			3.158
200			3.167
250			2.662
300			2.450

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 23

DATE 17/ 1/80

GMT 15.8

POSITION 49-21.5 N, 126-44.5 W

STATION WC25

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.549
25			6.133
50			6.154
75			6.156
100			6.072

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 24

DATE 17/ 1/80

GMT 16.6

POSITION 49-18.1 N, 126-48.5 W

STATION WC24

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.582
25			6.238
50			6.264
75			6.136
100			5.210
125			3.932

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 25

DATE 17/ 1/80

GMT 17.2

POSITION 49-15.5 N, 126-53.0 W

STATION WC24

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.537
25			6.211
50			6.152
75			5.625
100			5.074
125			3.749

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 26

DATE 17/ 1/80

GMT 17.9

POSITION 49-12.7 N, 126-57.2 W

STATION WC23

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.437
25			6.270
50			5.480
75			4.524
100			3.750
125			3.289
175			3.266

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 27

DATE 17/ 1/80

GMT 19.3

POSITION 49-10.0 N, 127- 2.0 W

STATION WC23

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.641
25			6.771
50			6.494
75			5.249
100			4.269
125			3.533
175			2.654
200			2.615
300			2.531
500			1.051

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 40

DATE 23/ 1/80

GMT 10.6

POSITION 49-21.5 N, 126-44.5 W

STATION WC25

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.597
25			6.362
50			6.179
75			6.197
90			6.113

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 41

DATE 23/ 1/80

GMT 11.8

POSITION 49-30.5 N, 126-51.2 W

STATION WC26

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.754
25			5.319
50			3.845
70			4.424

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 42

DATE 23/ 1/80

GMT 12.7

POSITION 49-36.0 N, 127- 1.1 W

STATION WC27

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.405
25			6.361
50			6.279
75			4.705

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 10- 43 DATE 23/ 1/80 GMT 13.7
POSITION 49-40.5 N, 127-11.0 W STATION WC28
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.825
25			6.414
50			6.175
75			6.213
110			4.202

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 10- 44 DATE 23/ 1/80 GMT 14.6
POSITION 49-46.0 N, 127-20.0 W STATION WC29
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.889
25			6.255
50			6.091
75			5.943

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80-10-45

DATE 23/ 1/80

GMT 15.2

POSITION 49-42.8 N, 127-24.2 W

STATION WC29

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.193
25			5.962
50			6.148
75			6.141

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80-10-46

DATE 23/ 1/80

GMT 15.9

POSITION 49-40.5 N, 127-29.0 W

STATION WC30

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.425
25			6.177
50			6.150
75			5.990
100			5.322
125			4.023
150			3.379
175			3.083
200			2.823
250			2.973
300			2.582
500			1.011

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 47

DATE 23/ 1/80

GMT 17.1

POSITION 49-34.5 N, 127-38.0 W

STATION WC31

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.545
25			6.006
50			5.494
75			4.376
100			3.892
125			2.560
150			2.873
175			2.994
200			2.942
250			2.691
300			2.672
500			1.186

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 49

DATE 23/ 1/80

GMT 19.8

POSITION 49-23.0 N, 127-55.0 W

STATION WC33

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.546	6.812
25	8.39	32.537	6.619
50		32.536	6.623
75	8.31	32.892	5.662
100		33.376	4.626
125	7.40	33.593	4.298
150		33.658	3.912
175	7.27	33.785	3.550
200		33.905	3.133
300	6.14	33.944	2.684
500		34.059	1.184
1140	3.15	34.431	.724

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 52

DATE 24/ 1/80

GMT

1.1

POSITION 49- 6.5 N, 128-21.0 W

STATION WC36

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.511	6.690
25	8.15	32.512	6.749
50		32.515	6.614
75	8.31	33.428	4.149
100		33.583	3.799
125	7.13	33.856	3.196
150		33.878	3.089
175	6.68	33.927	2.874
200		33.933	2.866
300	5.64	33.949	2.310
500		34.106	.904
1000	3.40	34.392	.504

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 67

DATE 26/ 1/80

GMT

20.5

POSITION 48-28.5 N, 124-39.0 W

STATION JF2

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.031
25			5.888
50			5.417
75			4.773
100			4.135
125			3.430
150			3.130
175			3.170
200			2.958
240			2.668

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 71

DATE 26/ 1/80

GMT 23.8

POSITION 48-18.8 N, 124- 5.5 W

STATION JF6

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.988
25			5.704
50			5.611
75			4.422
100			3.824
125			3.551
150			3.139
175			3.133

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 10- 75

DATE 27/ 1/80

GMT 2.7

POSITION 48-13.5 N, 123-35.0 W

STATION JF10

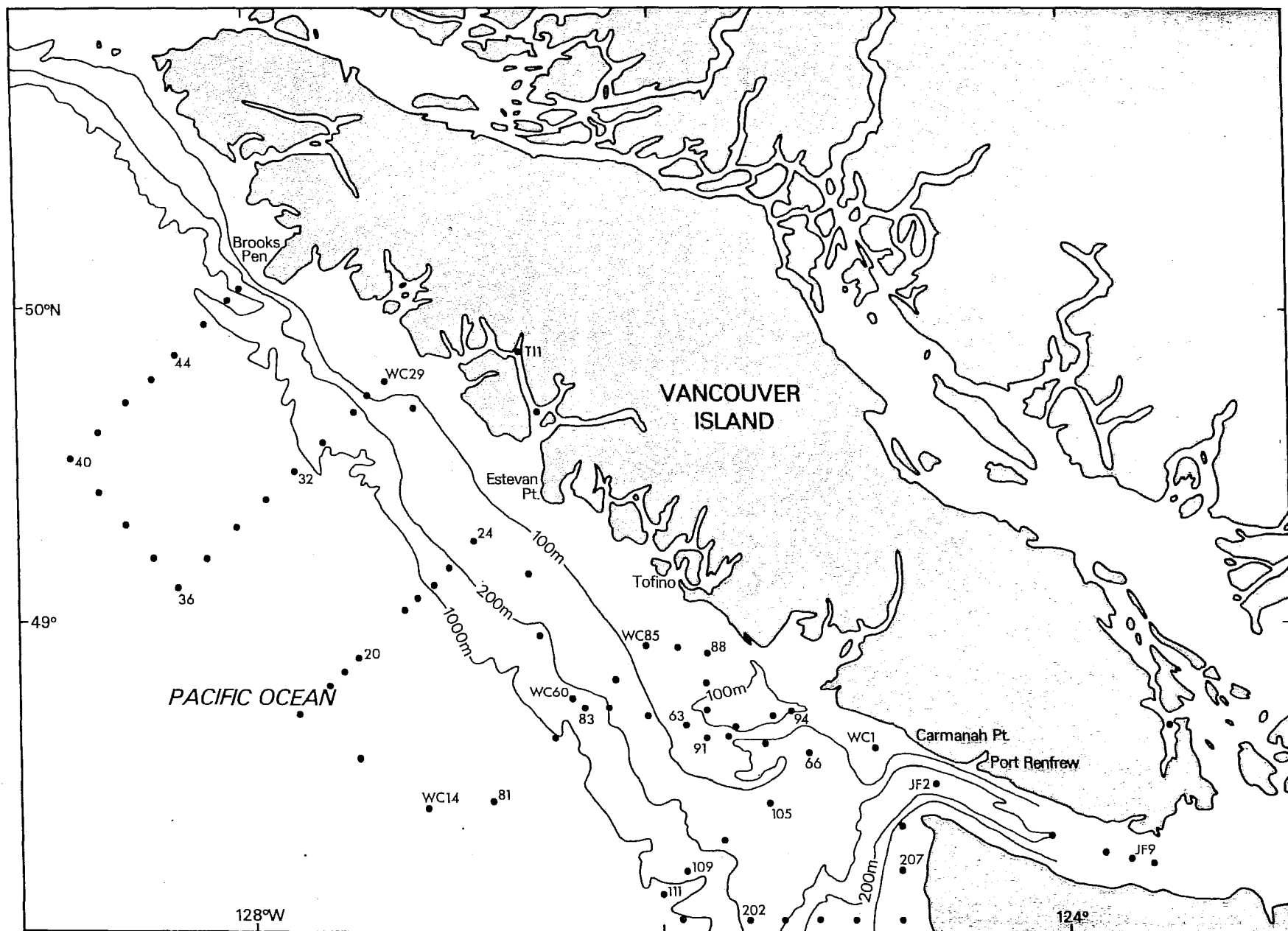
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.949
25			5.330
50			5.194
75			4.896
100			4.806
125			3.836
150			3.804

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CRUISE 80-11
MAY 1980



COASTAL OCEANIC DYNAMICS EXPERIMENT

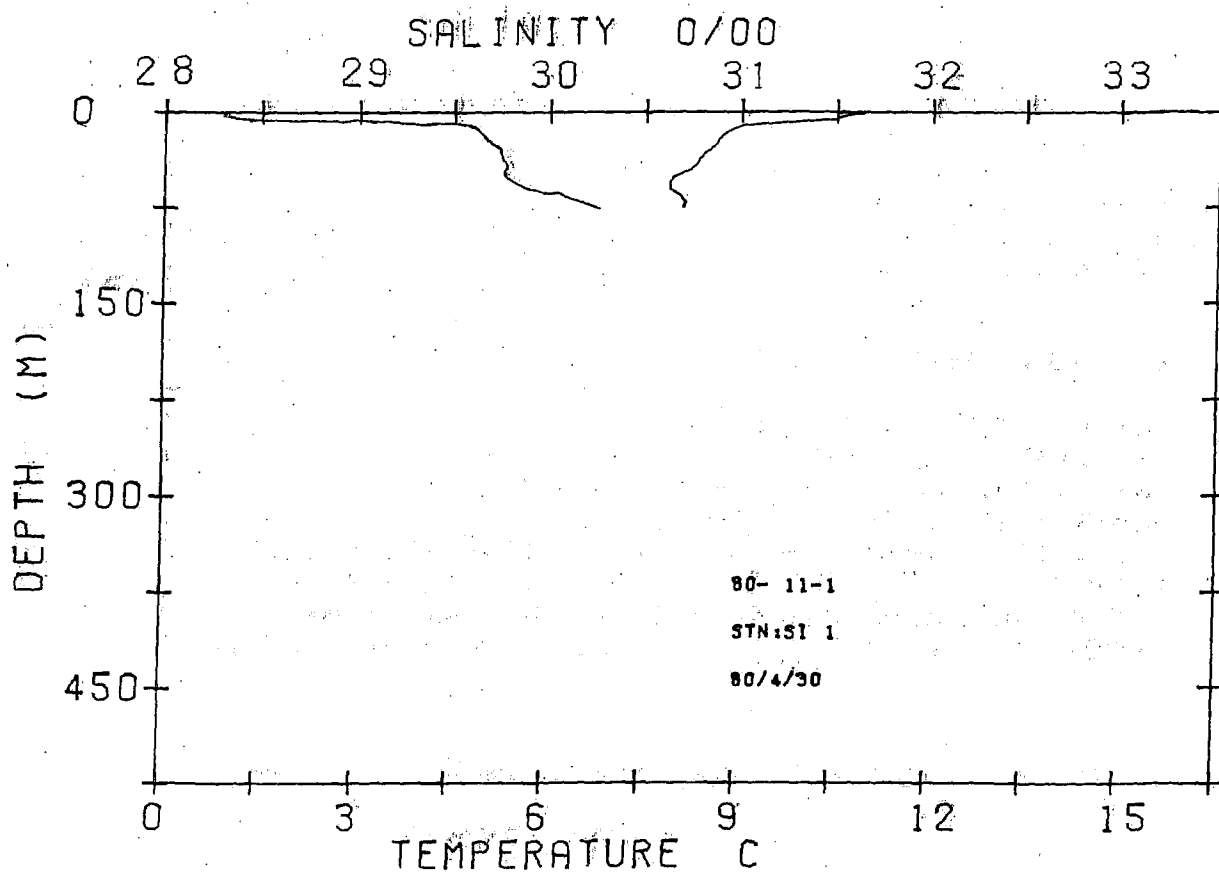
CRUISE 80-11. APRIL 30 - MAY 16 , 1980

A. CRUISE SUMMARY :

1. NUMBER OF STATIONS PROCESSED : 91
2. NUMBER OF STATIONS OF DEPTH GREATER THAN 80.0 METRES
FOR WHICH THE DEPTH OF WIND MIXED LAYER COULD BE IDENTIFIED : 75

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 : $10 \text{EXP}(-5) \cdot \text{CM} \cdot \text{EXP}(3) / \text{GRAM}$
GEOPOTENTIAL ANOMALY : DELTA-D : JOULES/KGR
POTENTIAL ENERGY : POT.EN : $10 \text{EXP}(8) \text{ERGS} / (\text{CM} \cdot \text{CM})$
SPEED OF SOUND : SOUND : METRES/SECOND. -WILSON 1960-

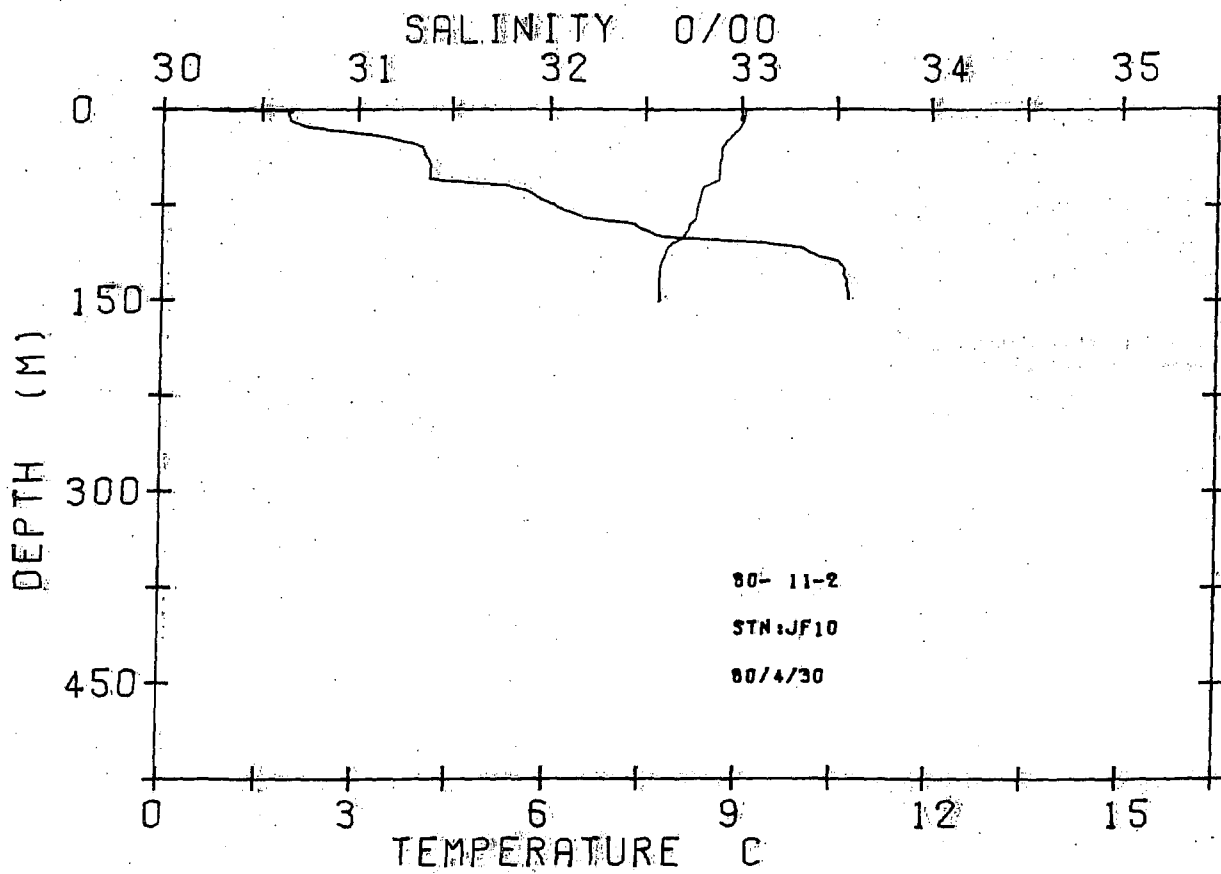


CRUISE : C.O.D.E. 80-11.
 STATION: SI 1 CONS #001
 LAT N 48 39.0 LONG W 123 29.0
 DATE 80/04/30 TIME (PST) 0550

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.91	28.06	21.43	637.6	.00	.00	1484.9
10	9.07	29.53	22.86	500.8	.59	.03	1480.1
20	8.69	29.65	23.01	486.7	1.08	.10	1478.9
30	8.50	29.72	23.09	479.0	1.56	.22	1478.5
50	7.93	29.74	23.19	469.9	2.51	.60	1476.6
75	8.10	30.25	23.56	434.9	3.64	1.31	1478.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
75.1	8.10	30.25	23.56	434.9	3.65	1.31	1478.4

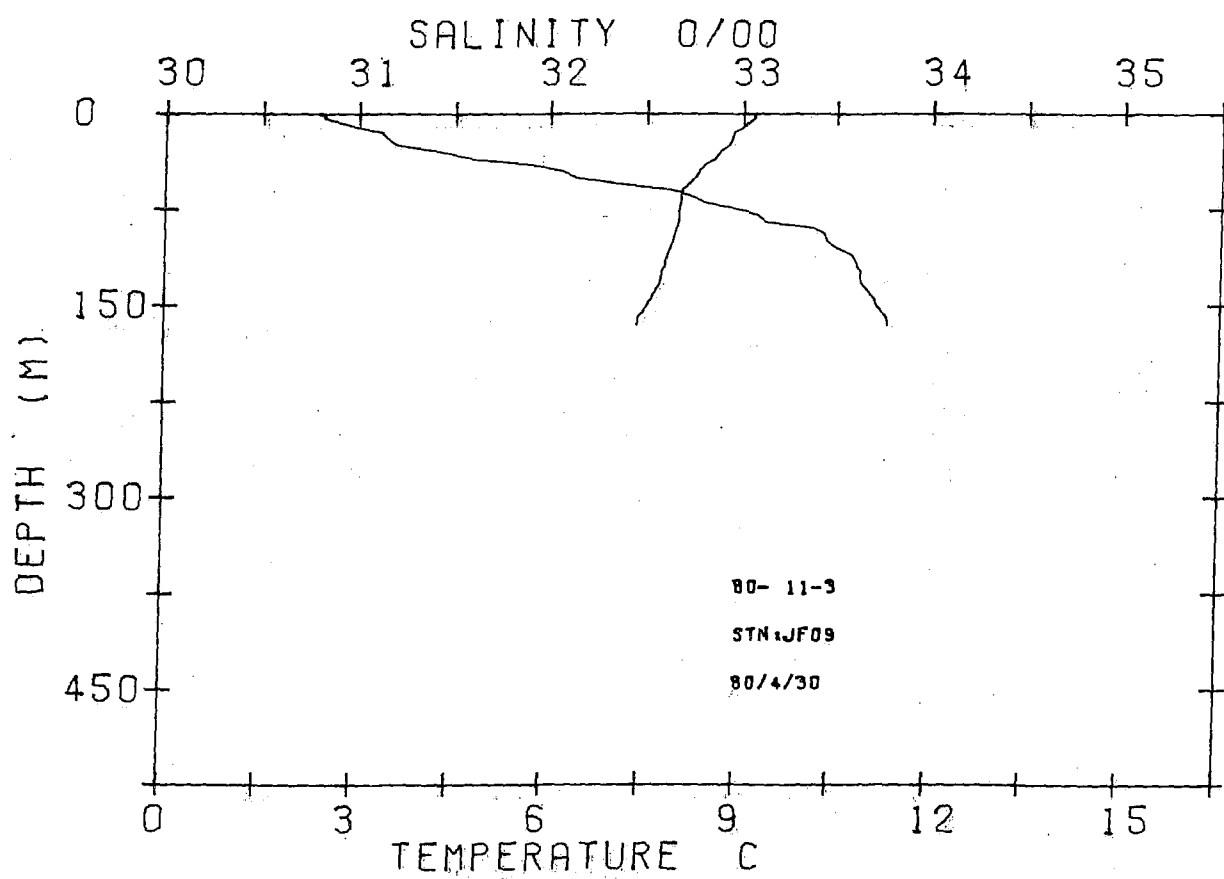


CRUISE : C.O.D.E. 80-11.
 STATION: JF10 CONS #002
 LAT N 48 13.8 LONG W 123 34.2
 DATE 80/04/30 TIME (PST) 1139

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.03	30.33	23.49	440.5	.00	.00	1480.8
10	9.02	30.64	23.74	417.3	.42	.02	1481.3
20	8.85	31.06	24.09	383.9	.83	.08	1481.4
30	8.71	31.34	24.32	361.4	1.20	.17	1481.4
50	8.68	31.38	24.36	358.2	1.92	.46	1481.6
75	8.35	32.02	24.91	306.6	2.74	.97	1481.6
100	8.12	32.60	25.39	260.6	3.45	1.59	1481.9
125	7.75	33.55	26.19	185.3	3.97	2.17	1482.1
150	7.74	33.57	26.22	183.4	4.43	2.80	1482.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
150.5	7.74	33.57	26.22	183.4	4.44	2.82	1482.5

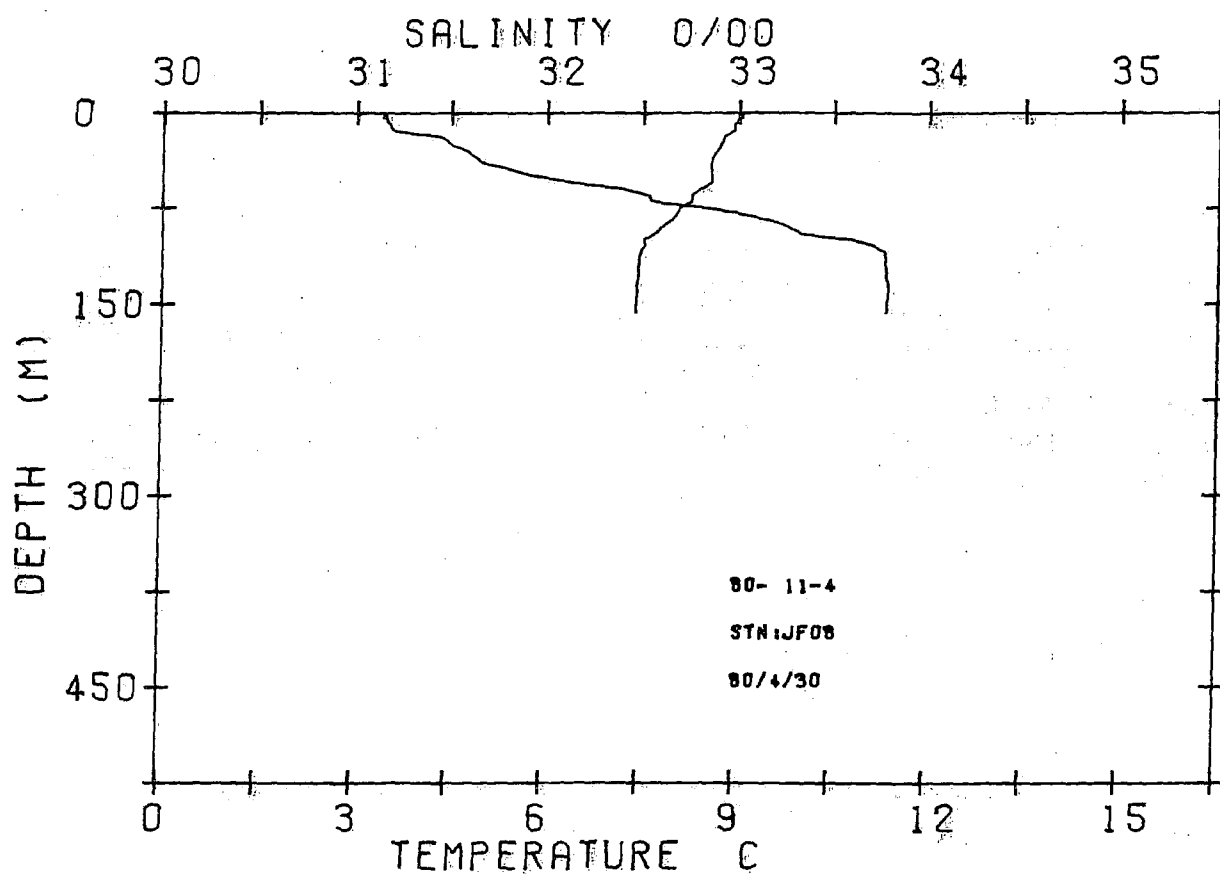


CRUISE : C.O.D.E. 80-11.
 STATION: JF09 CONS #003
 LAT N 48 14.5 LONG W 123 40.8
 DATE 80/04/30 TIME (PST) 1231

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.19	30.79	23.82	408.6	.00	.00	1482.0
10	9.01	30.98	24.00	392.3	.40	.02	1481.7
20	8.81	31.15	24.16	376.6	.78	.08	1481.4
30	8.64	31.43	24.40	353.8	1.15	.17	1481.2
50	8.26	32.15	25.02	295.3	1.80	.42	1481.0
75	8.02	32.97	25.71	230.8	2.44	.82	1481.6
100	7.93	33.46	26.10	194.0	2.96	1.28	1482.3
125	7.75	33.64	26.27	178.3	3.42	1.80	1482.2
150	7.53	33.72	26.36	169.4	3.86	2.40	1481.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
166.6	7.38	33.78	26.43	163.6	4.14	2.83	1481.6

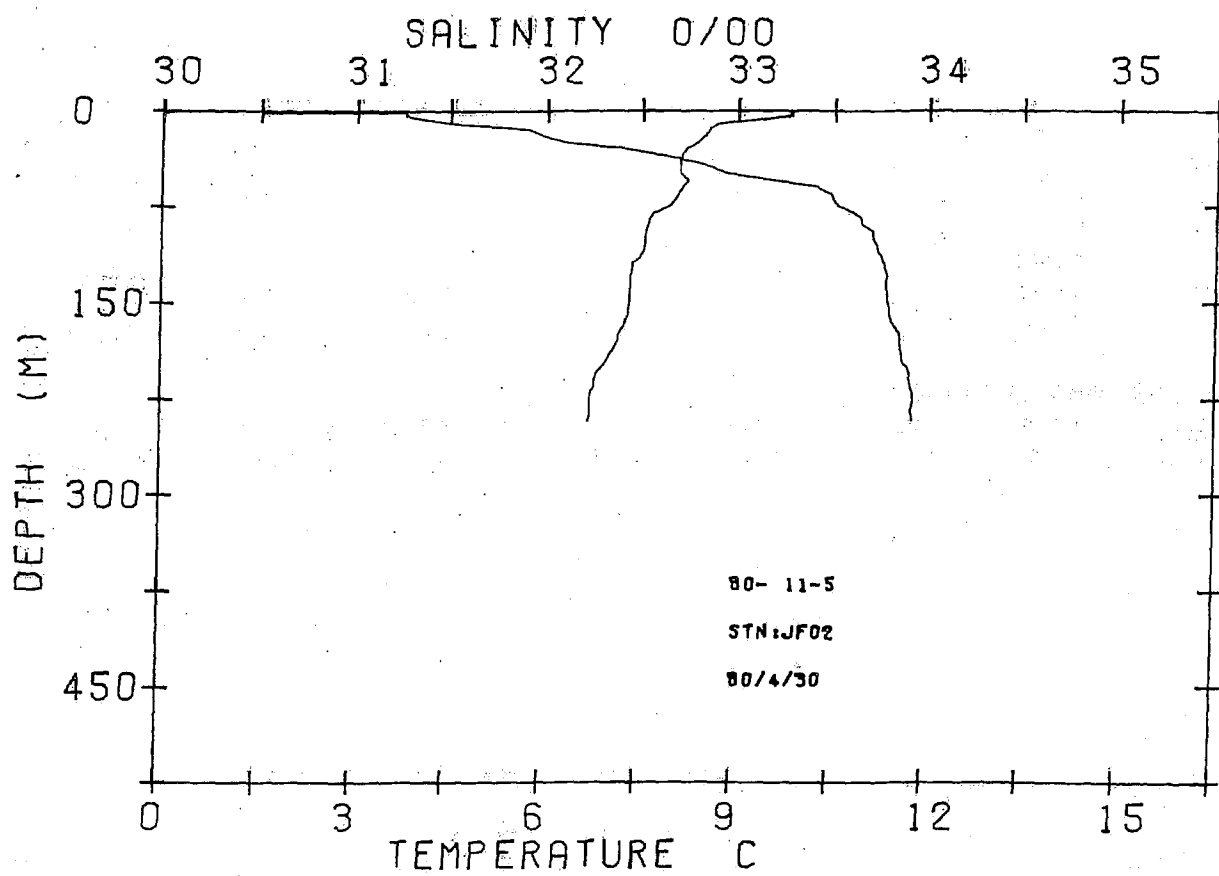


CRUISE : C.O.D.E. 80-11.
 STATION: JF08 CONS #004
 LAT N 48 16.0 LONG W 123 49.0
 DATE 80/04/30 TIME (PST) 1307

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.03	31.14	24.12	380.6	.00	.00	1481.8
10	8.92	31.18	24.17	375.9	.38	.02	1481.7
20	8.76	31.44	24.40	354.1	.75	.07	1481.5
30	8.64	31.57	24.52	342.9	1.10	.16	1481.4
50	8.57	31.89	24.77	319.0	1.76	.43	1481.9
75	8.08	32.78	25.55	245.7	2.46	.86	1481.6
100	7.50	33.58	26.26	178.6	2.99	1.32	1480.8
125	7.43	33.78	26.42	163.2	3.41	1.79	1481.2
150	7.42	33.78	26.42	163.7	3.82	2.35	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
157.9	7.41	33.78	26.43	163.3	3.95	2.55	1481.6



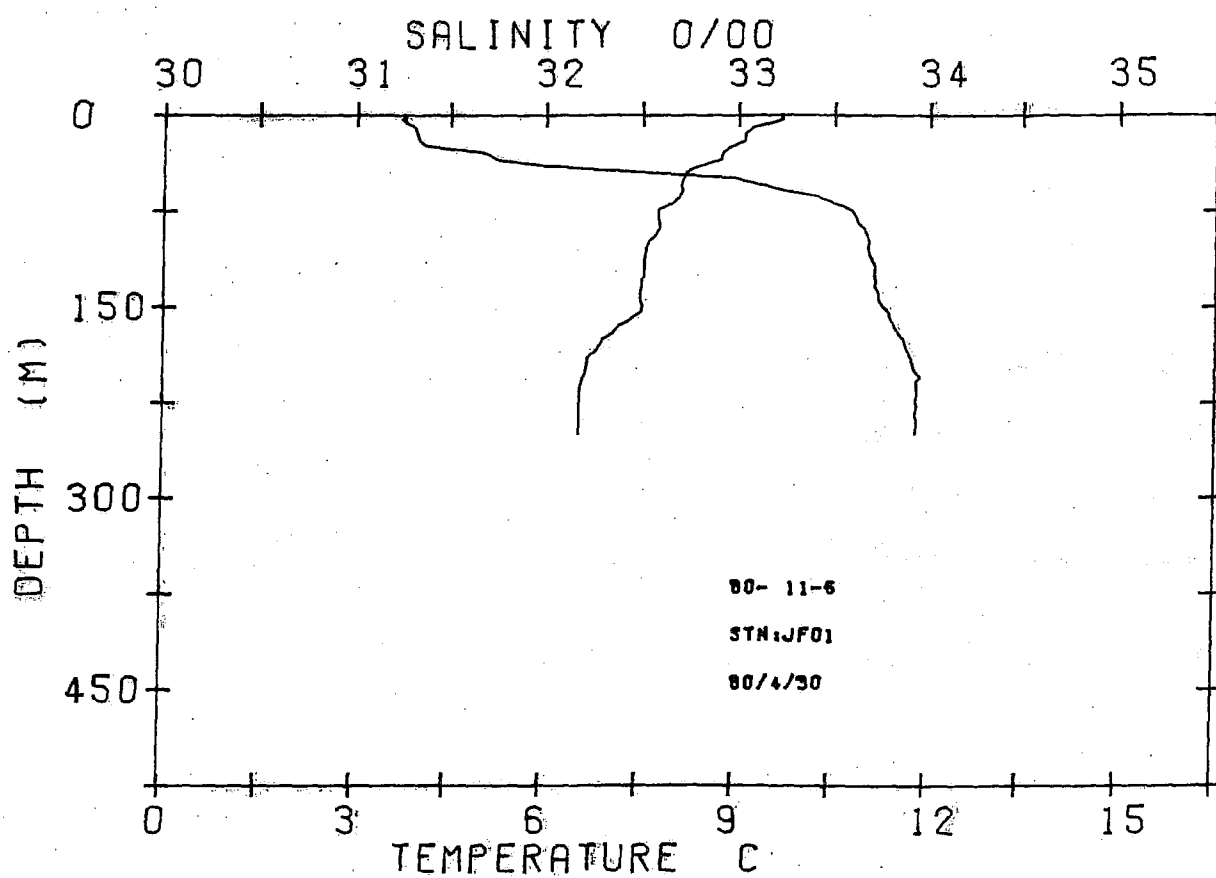
CRUISE : C.O.D.E. 80-11.
 STATION: JF02 CONS #005
 LAT N 48 28.5 LONG W 124 39.0
 DATE 80/04/30 TIME (PST) 2024

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.82	30.65	23.61	428.9	.00	.00	1484.2
10	8.72	31.52	24.46	348.2	.38	.02	1481.3
20	8.50	31.97	24.85	311.5	.71	.07	1481.2
30	8.19	32.39	25.22	276.0	1.01	.14	1480.7
50	8.11	32.94	25.67	233.9	1.51	.34	1481.5
75	7.94	33.52	26.14	189.1	2.01	.65	1482.0
100	7.56	33.71	26.35	170.0	2.45	1.04	1481.2
125	7.36	33.78	26.43	162.8	2.87	1.50	1480.9
150	7.32	33.79	26.45	161.2	3.27	2.06	1481.1
175	7.14	33.86	26.52	154.4	3.67	2.71	1481.0
200	6.88	33.90	26.59	148.2	4.05	3.42	1480.4
225	6.72	33.93	26.64	144.4	4.42	4.20	1480.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
242.3	6.69	33.93	26.64	144.0	4.67	4.78	1480.4

WIND MIXED LAYER DEPTH = 5.3 METRES



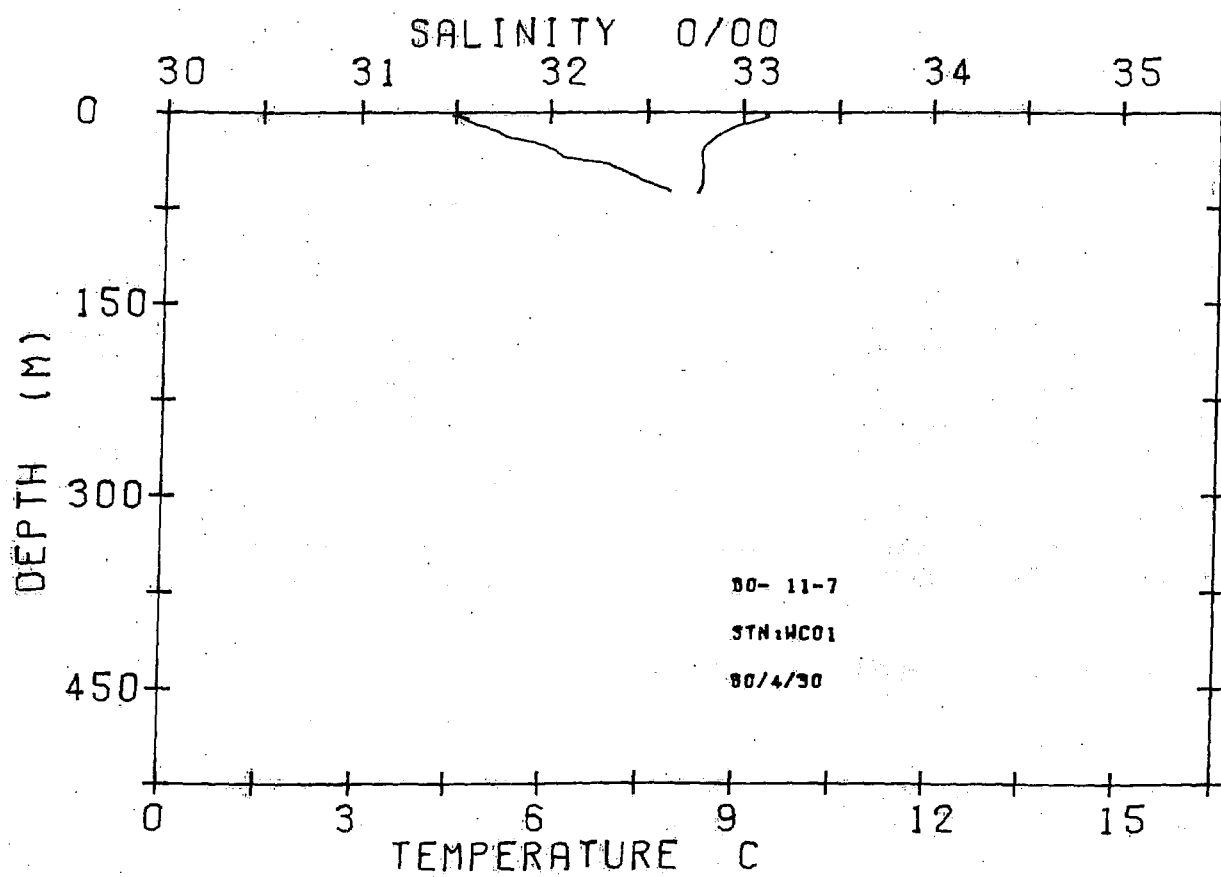
CRUISE : C.O.D.E. 80-11.
 STATION: JF01 CONS #006
 LAT N 48 30.5 LONG W 124 46.5
 DATE 80/04/30 TIME (PST) 2133

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.65	31.25	24.11	381.2	.00	.00	1484.3
10	9.19	31.30	24.22	370.8	.38	.02	1482.8
20	9.09	31.33	24.26	367.3	.75	.07	1482.6
30	8.73	31.64	24.56	339.1	1.10	.16	1481.8
50	8.12	32.96	25.68	233.1	1.70	.40	1481.5
75	7.75	33.60	26.23	180.6	2.22	.72	1481.4
100	7.59	33.69	26.33	171.9	2.66	1.10	1481.3
125	7.53	33.71	26.36	169.7	3.08	1.58	1481.5
150	7.52	33.76	26.39	166.7	3.51	2.16	1481.9
175	6.91	33.87	26.56	150.8	3.90	2.81	1480.1
200	6.63	33.93	26.65	142.4	4.27	3.49	1479.4
225	6.55	33.93	26.66	141.6	4.62	4.24	1479.5
250	6.54	33.93	26.66	142.0	4.98	5.08	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
250.2	6.54	33.93	26.66	142.0	4.98	5.09	1479.9

WIND MIXED LAYER DEPTH = 5.0 METRES

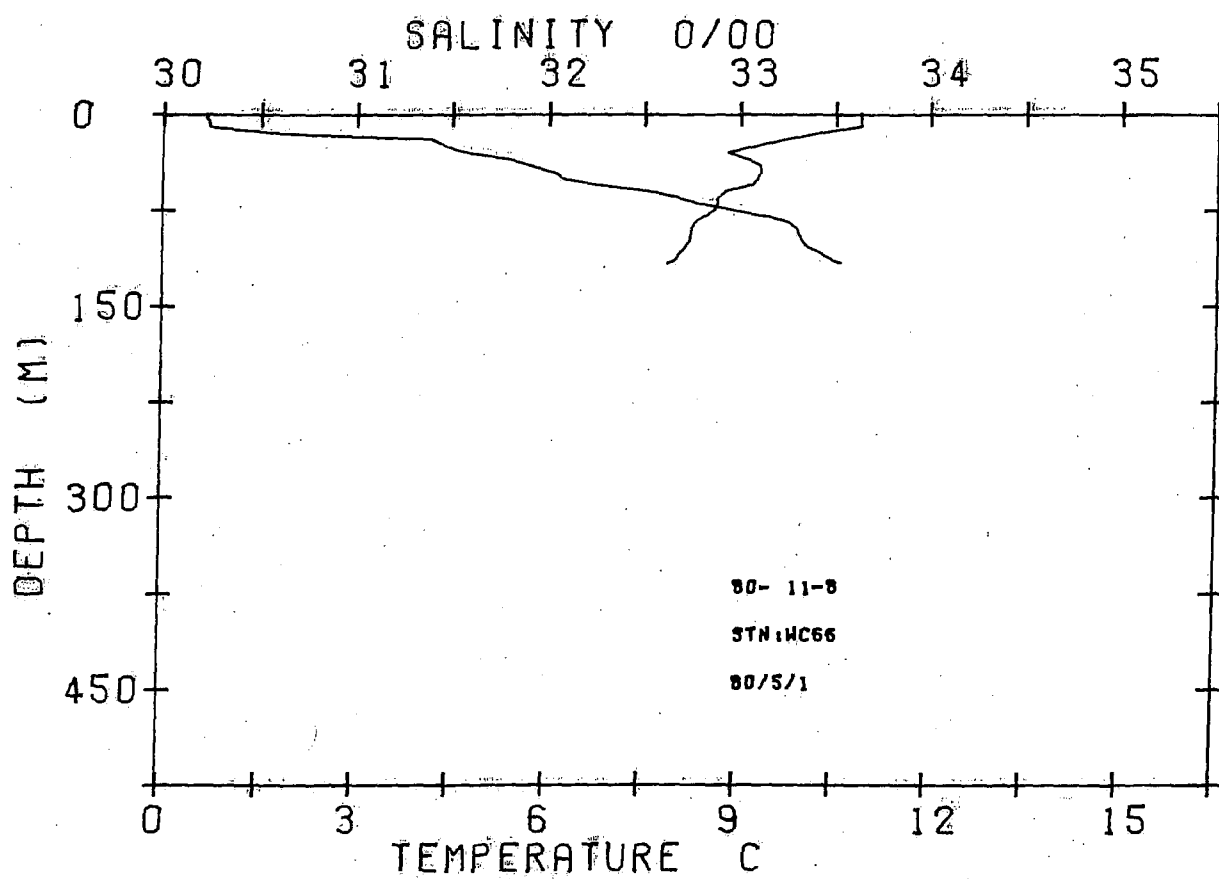


CRUISE : C.O.D.E. 80-11.
 STATION: WC01 CONS #007
 LAT N 48 35.5 LONG W 124 57.0
 DATE 80/04/30 TIME (PST) 2311

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.36	31.51	24.36	358.0	.00	.00	1483.6
10	8.97	31.61	24.50	344.9	.35	.02	1482.4
20	8.57	31.77	24.68	327.4	.69	.07	1481.2
30	8.38	32.02	24.91	305.7	1.00	.15	1481.0
50	8.41	32.44	25.23	275.2	1.58	.38	1482.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
62.9	8.35	32.63	25.39	260.9	1.93	.57	1482.2



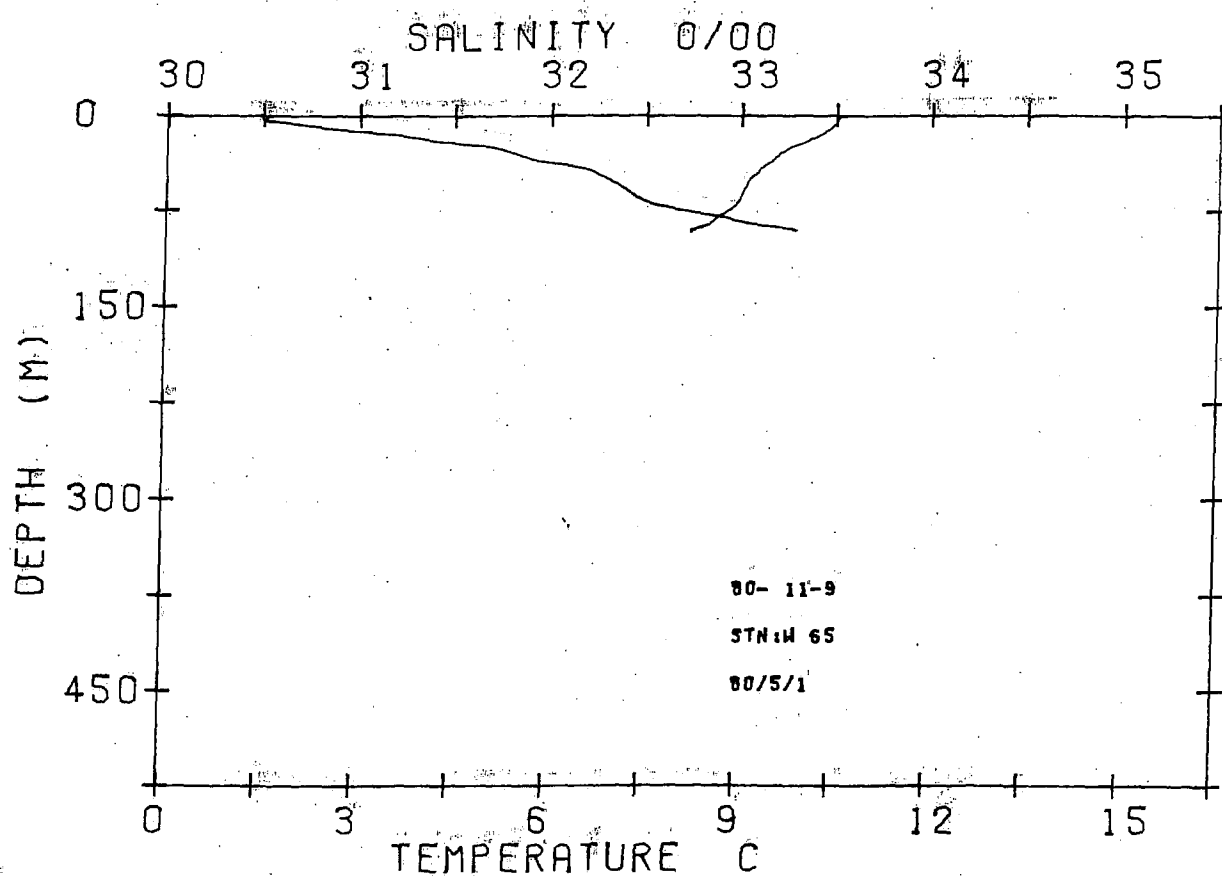
CRUISE : C.O.D.E. 80-11.
 STATION: WC66 CONS #008.
 LAT N 48 34.5 LONG W 125 17.0
 DATE 80/05/01 TIME (PST) 0047

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.88	30.22	23.11	477.1	.00	.00	1487.5
10	10.89	30.23	23.12	476.5	.48	.02	1487.7
20	9.72	31.36	24.19	374.5	.91	.09	1485.0
30	8.79	31.55	24.48	346.7	1.27	.18	1481.9
50	9.28	32.08	24.81	315.4	1.93	.44	1484.8
75	8.62	32.94	25.59	242.1	2.61	.86	1483.8
100	8.19	33.35	25.96	206.8	3.15	1.33	1483.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
117.3	7.86	33.53	26.17	187.7	3.50	1.71	1482.4

WIND MIXED LAYER DEPTH = 10.0 METRES



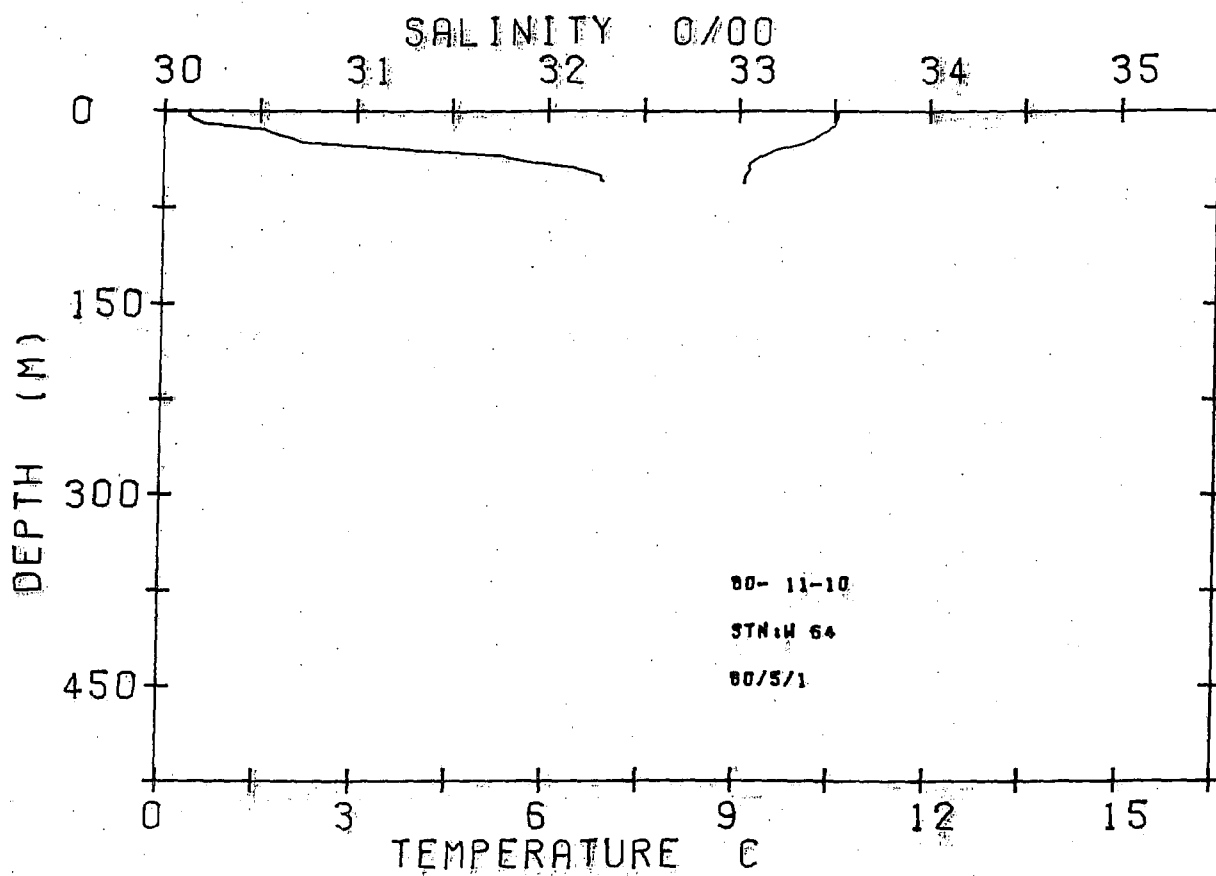
CRUISE : C.O.D.E. 80-11.
 STATION: W 65 CONS 4009
 LAT N 48 37.0 LONG W 125 28.5
 DATE 80/05/01 TIME (PST) 0149

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.56	30.49	23.37	452.0	.00	.00	1486.7
10	10.44	30.77	23.60	429.9	.44	.02	1486.8
20	10.05	31.39	24.15	377.7	.85	.08	1486.3
30	9.63	31.79	24.53	341.5	1.20	.17	1485.4
50	9.15	32.29	25.00	297.5	1.84	.42	1484.6
75	8.83	32.67	25.35	264.8	2.55	.86	1484.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
92.1	8.22	33.30	25.93	209.4	2.95	1.20	1483.0

WIND MIXED LAYER DEPTH = 9.8 METRES

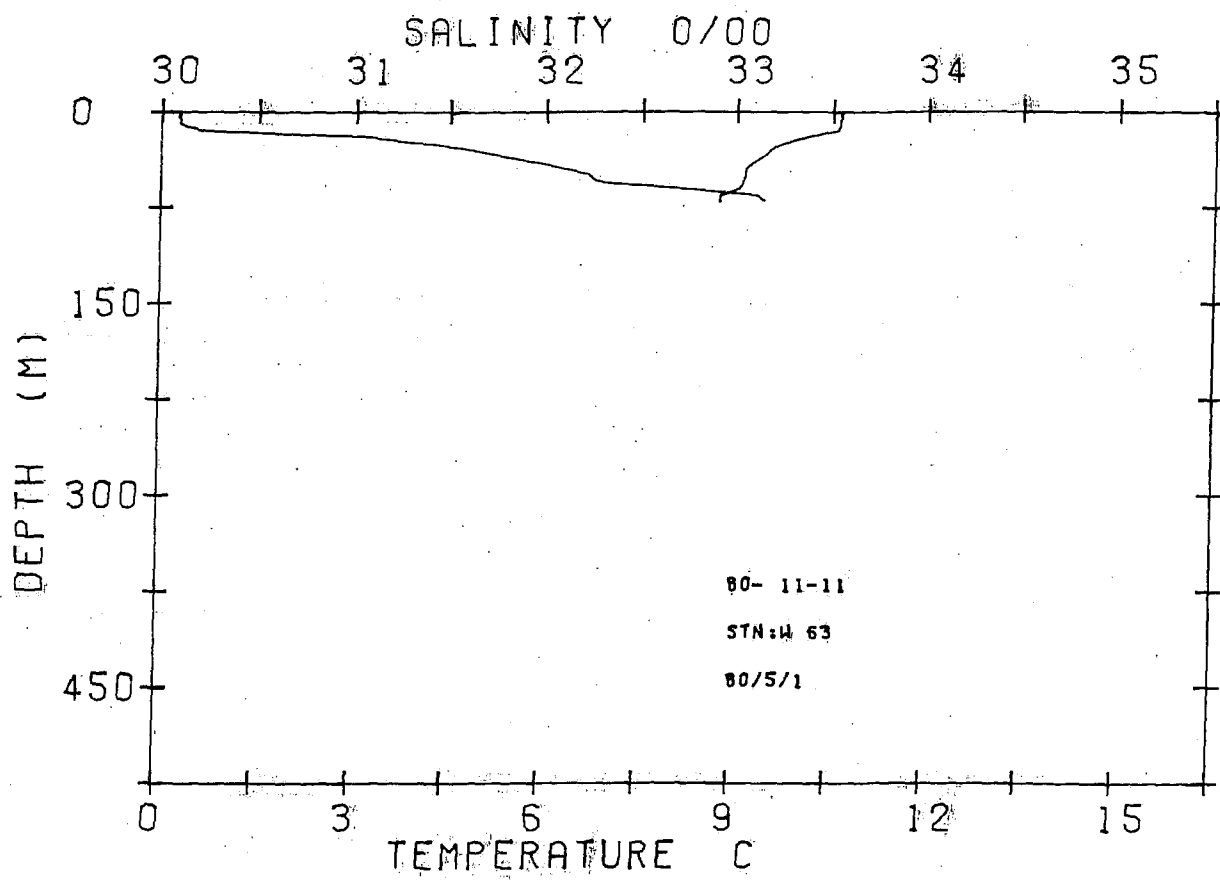


CRUISE : C.O.D.E. 80-11.
 STATION: W 64 CONS #010
 LAT N 48 38.5 LONG W 125 40.0
 DATE 80/05/01 TIME (PST) 0254

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.56	30.13	23.09	478.9	.00	.00	1486.2
10	10.53	30.18	23.14	474.5	.48	.02	1486.4
20	10.28	30.59	23.50	440.1	.93	.09	1486.1
30	9.62	31.20	24.08	384.9	1.35	.20	1484.6
50	9.10	32.27	24.99	298.6	2.01	.46	1484.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
55.1	9.10	32.29	25.01	296.7	2.16	.54	1484.5

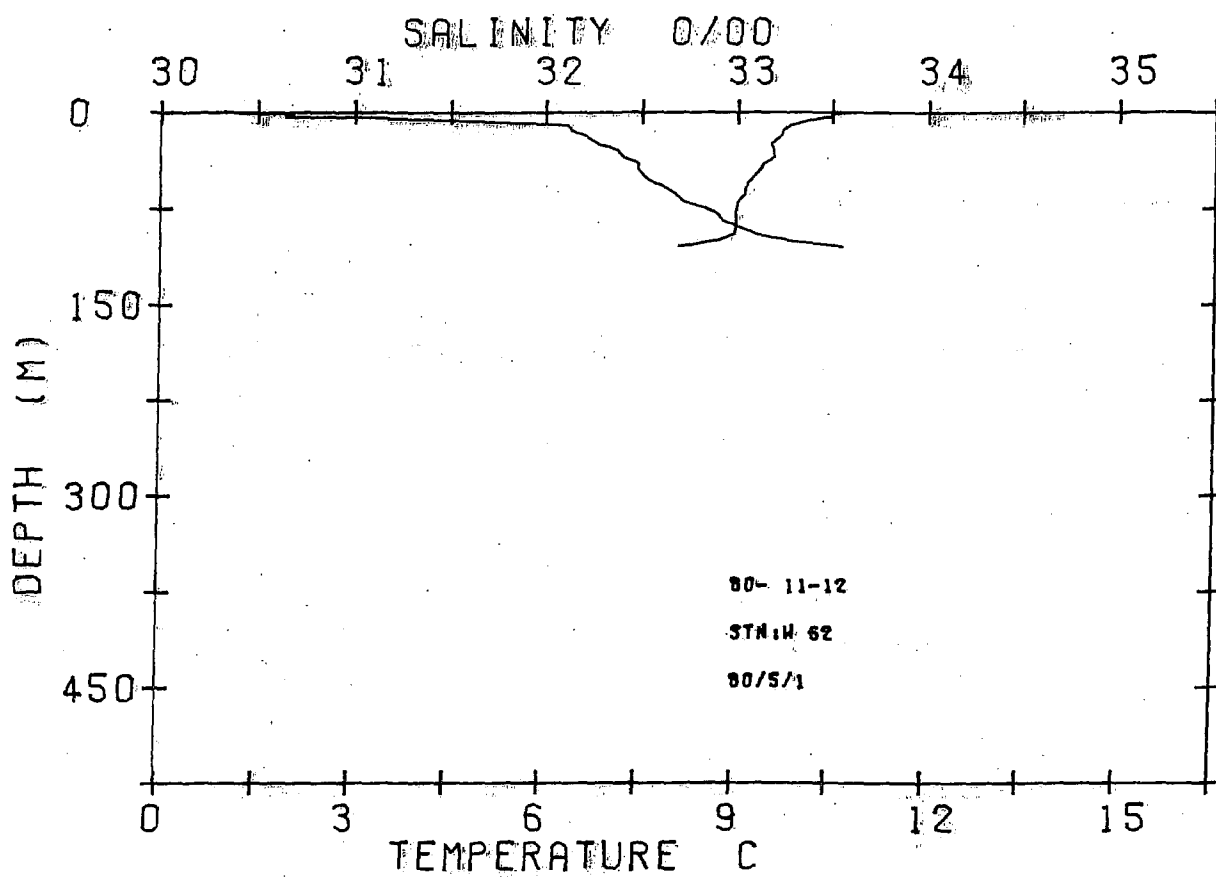


CRUISE : C.O.D.E. 80-11.
 STATION: W 63 CONS #011
 LAT N 48 40.5 LONG W 125 51.5
 DATE 80/05/01 TIME (PST) 0416

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.64	30.09	23.04	483.3	.00	.00	1486.5
10	10.63	30.10	23.05	482.6	.48	.02	1486.6
20	10.11	31.02	23.85	406.3	.94	.09	1486.0
30	9.55	31.59	24.39	355.1	1.32	.19	1484.9
50	9.14	32.21	24.94	303.2	1.97	.45	1484.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
70.0	8.72	33.15	25.74	227.4	2.51	.76	1484.4



CRUISE : C.O.D.E. 80-11.

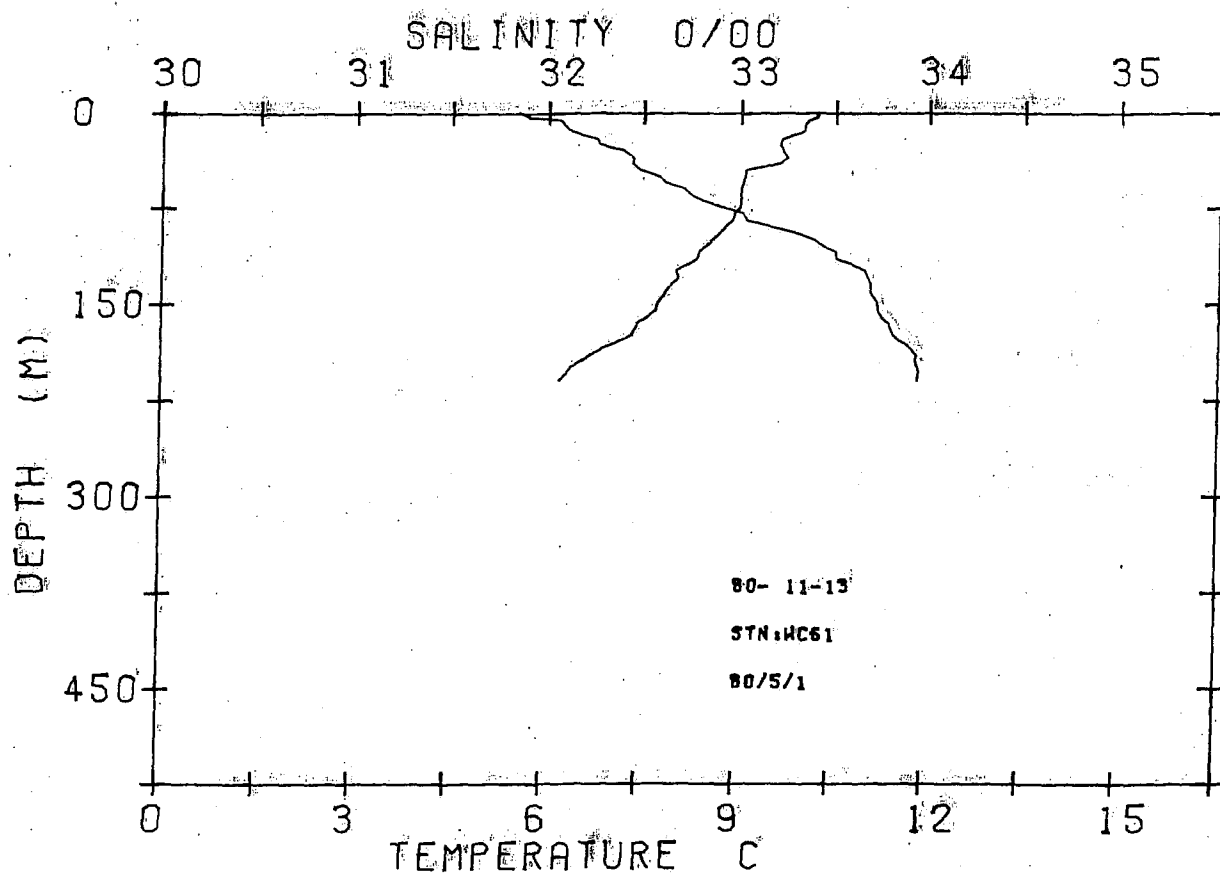
STATION: W 62 CONS #012
 LAT N 48 41.5 LONG W 126 03.5
 DATE 80/05/01 TIME (PST) 0518

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.59	30.33	23.24	464.5	.00	.00	1486.6
10	9.85	32.05	24.70	325.3	.40	.02	1486.2
20	9.67	32.22	24.86	310.4	.72	.07	1485.9
30	9.58	32.38	25.00	297.2	1.02	.14	1486.0
50	9.24	32.52	25.17	281.8	1.60	.37	1485.2
75	8.98	32.82	25.44	256.1	2.28	.79	1485.1
100	8.67	33.27	25.84	218.7	2.88	1.32	1484.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
105.4	8.07	33.56	26.16	188.0	2.99	1.43	1483.0

WIND MIXED LAYER DEPTH = 3.9 METRES



CRUISE : C.O.D.E. 80-11.

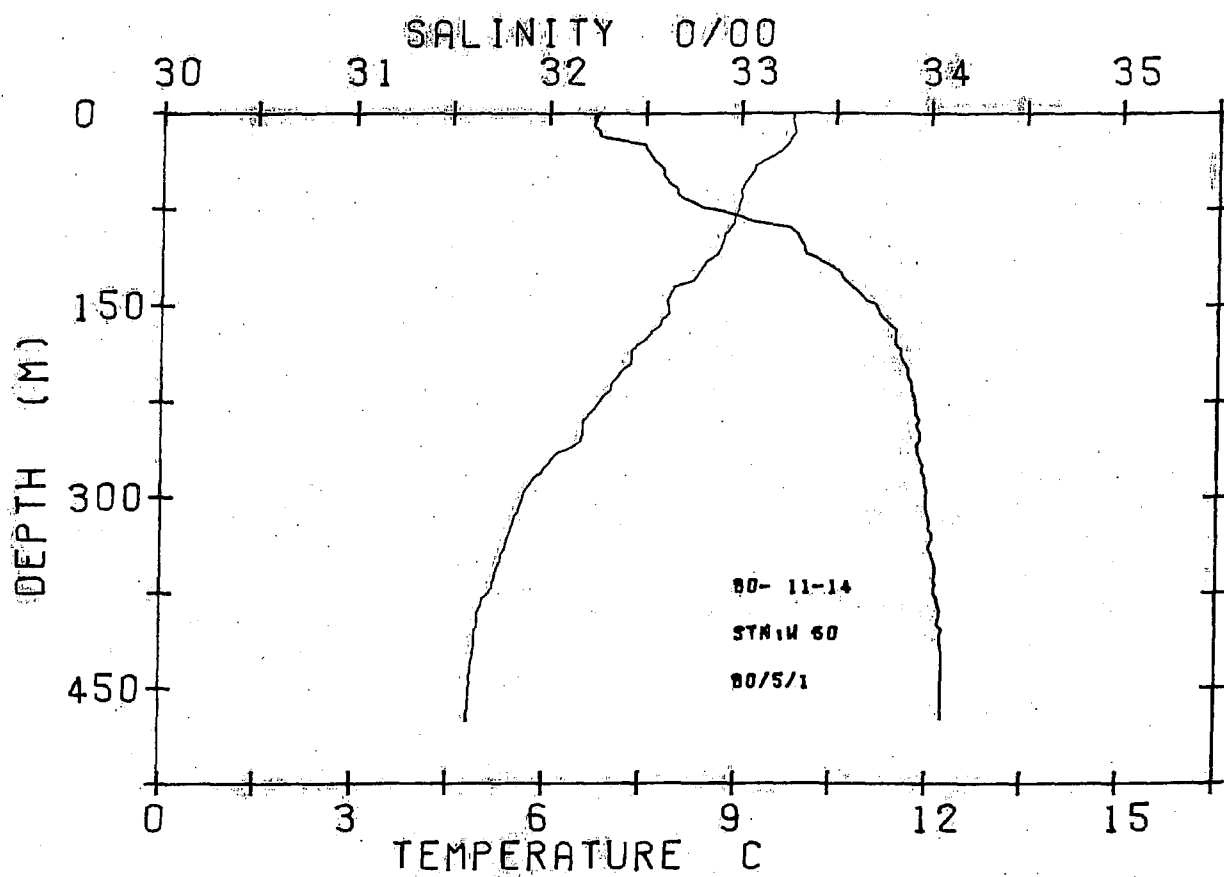
STATION: WC61 CONS #013
 LAT N 48 43.5 LONG W 126 16.0
 DATE 80/05/01 TIME (PST) 0627

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.21	31.84	24.48	346.5	.00	.00	1487.1
10	10.00	32.09	24.70	325.0	.33	.02	1486.8
20	9.65	32.25	24.89	307.4	.65	.06	1485.9
30	9.67	32.40	25.00	297.1	.96	.14	1486.3
50	9.07	32.58	25.24	275.0	1.54	.37	1484.6
75	9.00	32.91	25.51	249.4	2.19	.78	1485.2
100	8.59	33.39	25.95	208.4	2.77	1.28	1484.7
125	8.02	33.67	26.25	180.0	3.26	1.83	1483.3
150	7.75	33.73	26.34	171.6	3.70	2.43	1482.8
175	7.31	33.83	26.48	158.8	4.11	3.10	1481.6
200	6.40	33.95	26.70	138.0	4.48	3.79	1478.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
210.5	6.22	33.95	26.72	135.8	4.62	4.08	1478.0

WIND MIXED LAYER DEPTH = 14.4 METRES



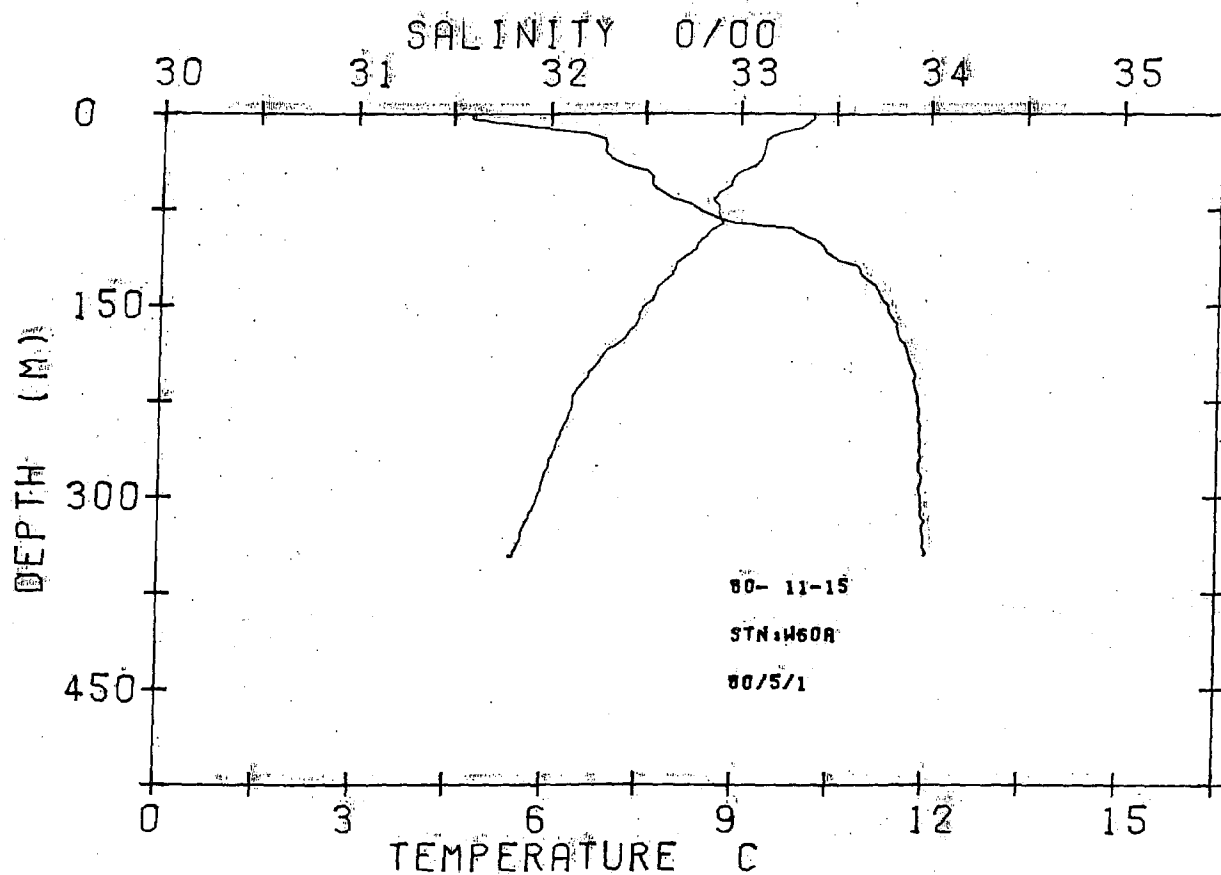
CRUISE : C.O.D.E. 80-11.
 STATION: W 60 CONS 4014
 LAT N 48 45.5 LONG W 126 26.0
 DATE 80/05/01 TIME (PST) 0742

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.82	32.26	24.87	309.5	.00	.00	1486.2
10	9.83	32.23	24.84	311.7	.31	.02	1486.4
20	9.82	32.27	24.88	308.7	.62	.06	1486.5
30	9.62	32.51	25.09	288.3	.92	.14	1486.3
50	9.15	32.60	25.24	274.7	1.47	.36	1485.0
75	8.98	32.80	25.43	257.5	2.14	.77	1485.0
100	8.72	33.32	25.87	215.3	2.72	1.28	1485.1
125	8.36	33.53	26.09	195.2	3.24	1.86	1484.4
150	7.90	33.71	26.30	175.4	3.70	2.50	1483.3
175	7.57	33.82	26.43	163.4	4.12	3.18	1482.6
200	7.20	33.89	26.54	153.5	4.52	3.92	1481.6
225	6.82	33.93	26.62	145.9	4.89	4.72	1480.6
250	6.56	33.95	26.67	141.1	5.25	5.57	1480.0
300	5.65	33.99	26.82	127.0	5.92	7.41	1477.2
400	4.94	34.05	26.95	115.4	7.13	11.62	1476.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
475.2	4.80	34.08	27.00	111.9	7.98	15.32	1476.7

WIND MIXED LAYER DEPTH = 21.7 METRES



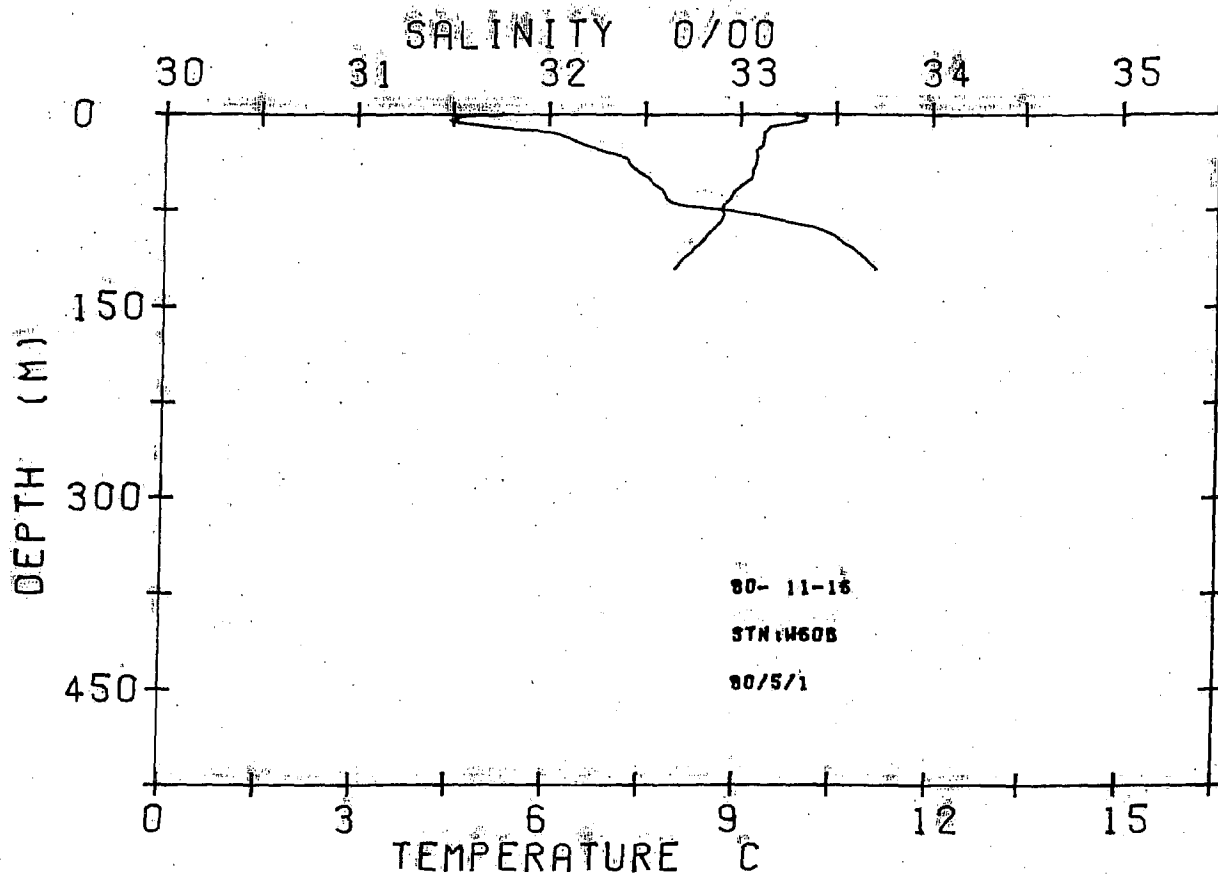
CRUISE : C.O.D.E. 80-11.
 STATION: W60A CONS #015
 LAT N 48 57.3 LONG W 126 33.5
 DATE 80/05/01 TIME (PST) 0953

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.15	31.61	24.31	362.7	.00	.00	1486.6
10	9.96	31.91	24.57	337.5	.36	.02	1486.5
20	9.43	32.29	24.95	301.5	.67	.06	1485.1
30	9.39	32.29	24.96	300.6	.97	.14	1485.2
50	8.92	32.55	25.24	274.8	1.55	.37	1484.0
75	8.67	32.79	25.46	253.8	2.22	.78	1483.8
100	8.40	33.41	25.99	204.3	2.79	1.28	1484.0
125	7.99	33.63	26.23	182.0	3.27	1.83	1483.1
150	7.54	33.79	26.41	164.8	3.71	2.42	1482.0
175	7.25	33.85	26.50	156.8	4.11	3.07	1481.4
200	6.69	33.93	26.64	143.3	4.48	3.77	1479.7
225	6.41	33.95	26.70	138.5	4.83	4.52	1479.0
250	6.25	33.96	26.73	136.0	5.18	5.33	1478.8
300	5.88	33.97	26.78	131.8	5.84	7.17	1478.1

DEEPLST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
345.9	5.47	34.00	26.86	124.4	6.43	9.07	1477.3

WIND MIXED LAYER DEPTH = 4.9 METRES



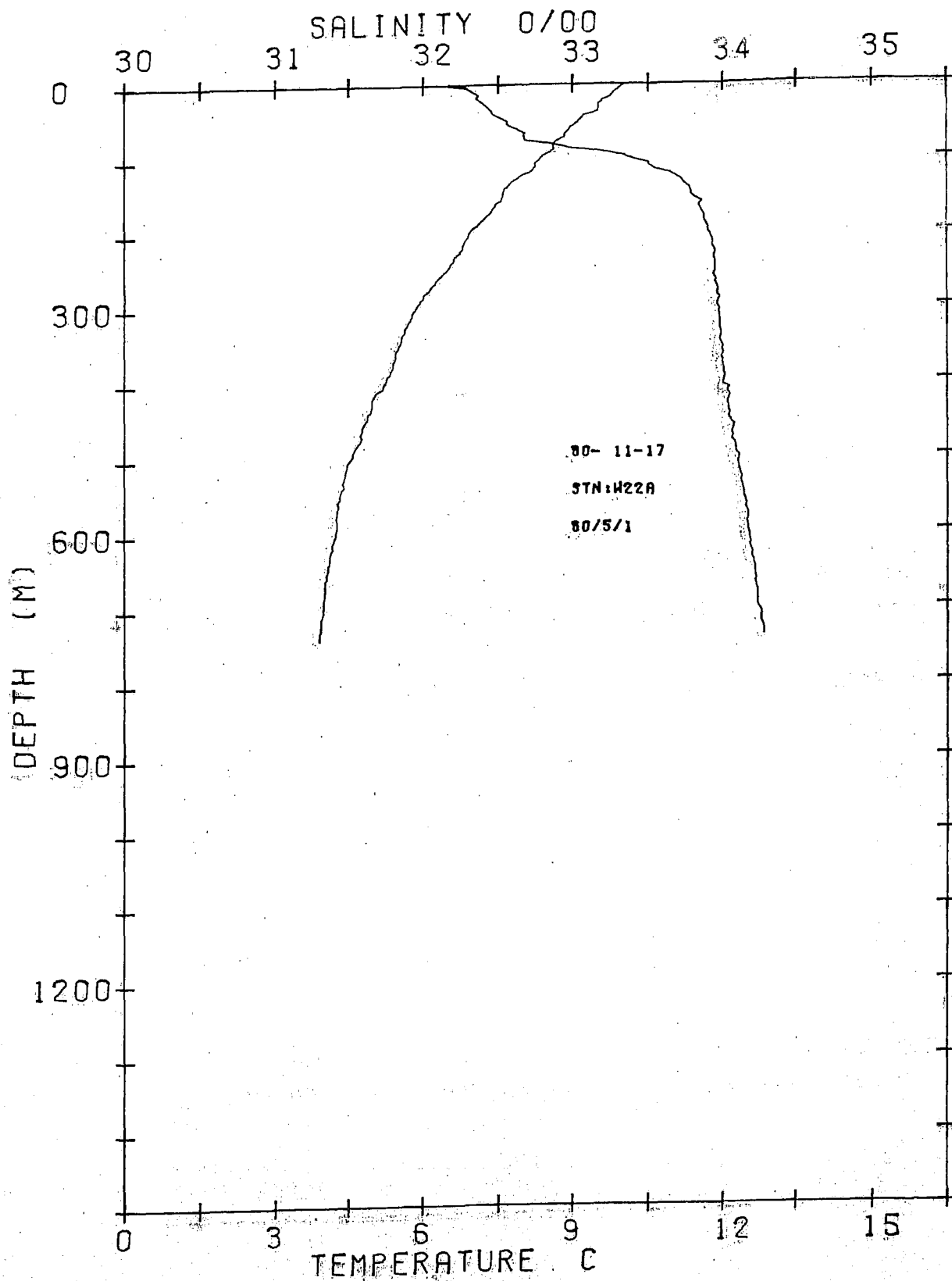
CRUISE : C.O.D.E. 80-11.
 STATION: W60B CONS #016
 LAT N 49 08.9 LONG W 126 38.6
 DATE 80/05/01 TIME (PST) 1126

DEPTH	TEMP	SAL	SIG-1	SVA	DELTA-D	POT.EN	SOUND
0	9.87	31.76	24.47	347.3	.00	.00	1485.8
10	9.49	31.69	24.47	346.9	.36	.02	1484.4
20	9.37	32.13	24.84	312.6	.68	.07	1484.7
30	9.25	32.30	24.99	298.3	.99	.14	1484.7
50	9.19	32.52	25.17	280.9	1.57	.37	1485.0
75	8.70	32.90	25.55	245.9	2.24	.79	1484.1
100	8.41	33.54	26.09	194.9	2.78	1.26	1484.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-1	SVA	DELTA-D	POT.EN	SOUND
121.4	7.97	33.71	26.29	176.4	3.17	1.69	1483.1

WIND MIXED LAYER DEPTH = 5.8 METRES



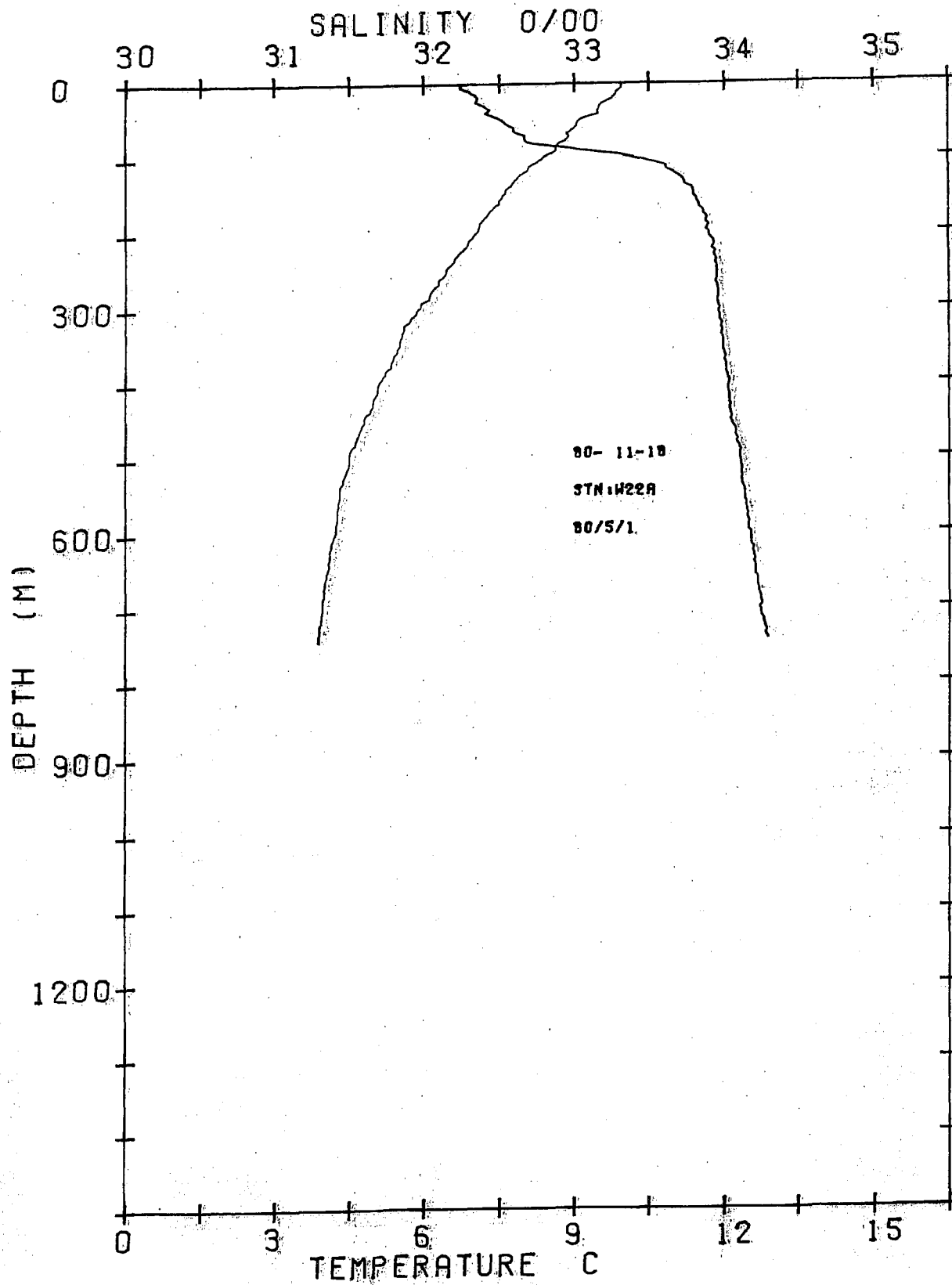
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #017
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/01 TIME (PST) 1832

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.02	32.17	24.77	318.6	.00	.00	1486.8
10	9.85	32.33	24.92	304.4	.31	.02	1486.6
20	9.64	32.35	24.97	299.8	.61	.06	1486.0
30	9.54	32.42	25.04	293.4	.91	.13	1485.9
50	9.12	32.56	25.21	277.4	1.48	.36	1484.8
75	8.67	32.68	25.38	261.7	2.15	.78	1483.7
100	8.35	33.39	25.98	204.9	2.73	1.28	1483.8
125	7.90	33.70	26.29	176.0	3.21	1.82	1482.9
150	7.59	33.79	26.41	165.0	3.63	2.40	1482.2
175	7.29	33.87	26.51	155.6	4.03	3.05	1481.5
200	6.91	33.90	26.59	148.3	4.41	3.76	1480.5
225	6.72	33.95	26.65	142.9	4.77	4.53	1480.2
250	6.44	33.95	26.69	139.4	5.12	5.37	1479.5
300	5.85	33.96	26.77	131.8	5.80	7.22	1478.0
400	5.22	34.01	26.89	121.4	7.06	11.62	1477.1
500	4.53	34.10	27.04	107.6	8.20	16.76	1476.0
600	4.23	34.17	27.13	100.2	9.23	22.43	1476.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
740.7	3.89	34.28	27.25	88.9	10.56	31.29	1477.5

WIND MIXED LAYER DEPTH = 3.0 METRES



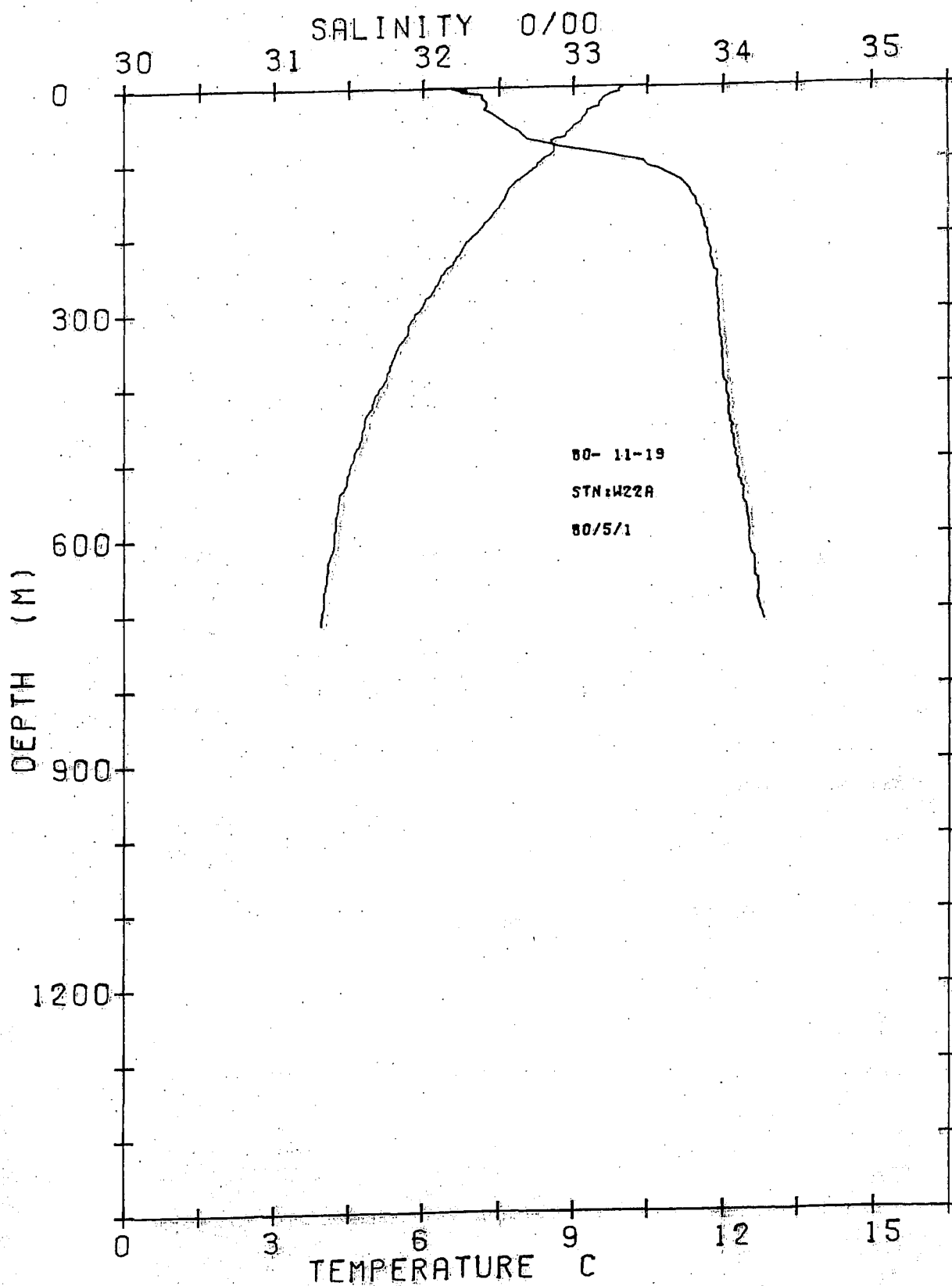
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #018
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/01 TIME (PST) 1908

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.95	32.24	24.84	312.4	.00	.00	1486.7
10	9.88	32.30	24.89	307.6	.31	.02	1486.6
20	9.80	32.36	24.95	301.6	.62	.06	1486.6
30	9.50	32.40	25.03	294.6	.91	.14	1485.7
50	9.08	32.52	25.19	279.8	1.49	.37	1484.6
75	8.84	32.67	25.35	265.0	2.17	.79	1484.3
100	8.37	33.39	25.98	204.9	2.76	1.30	1483.9
125	7.87	33.71	26.30	174.9	3.23	1.83	1482.8
150	7.56	33.80	26.42	163.8	3.65	2.41	1482.1
175	7.25	33.87	26.52	154.9	4.05	3.05	1481.4
200	7.02	33.90	26.57	150.4	4.43	3.77	1481.0
225	6.71	33.94	26.65	143.5	4.80	4.55	1480.2
250	6.44	33.95	26.69	139.5	5.15	5.39	1479.5
300	5.90	33.97	26.78	131.4	5.83	7.25	1478.2
400	5.08	34.03	26.92	118.3	7.08	11.62	1476.6
500	4.50	34.10	27.04	107.4	8.22	16.72	1475.9
600	4.20	34.18	27.14	99.1	9.25	22.39	1476.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
741.1	3.87	34.30	27.27	87.6	10.57	31.24	1477.5

WIND MIXED LAYER DEPTH = 5.5 METRES



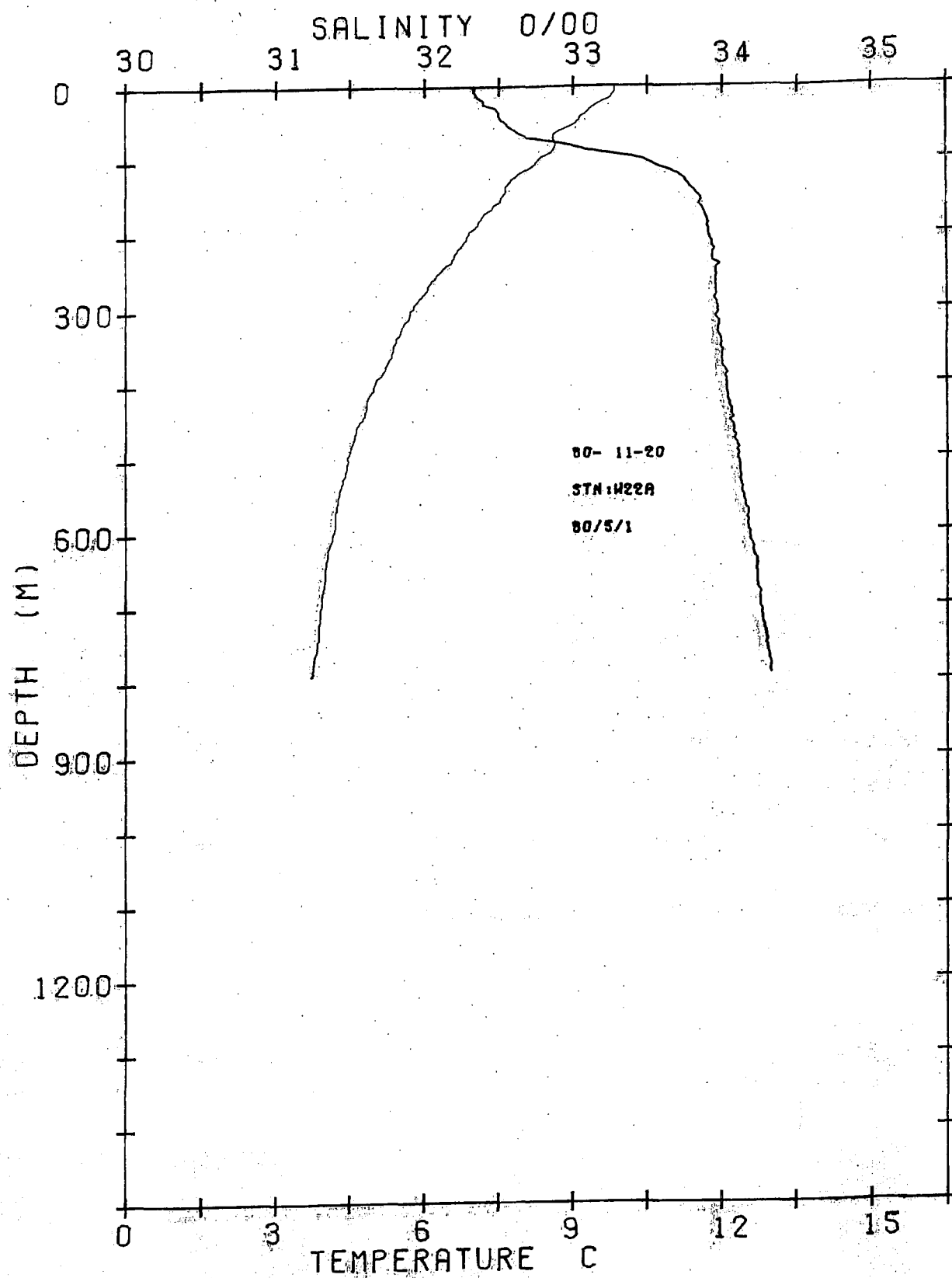
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #019
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/01 TIME (PST) 1941

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.02	32.20	24.79	317.1	.00	.00	1486.9
10	9.78	32.37	24.97	300.2	.31	.02	1486.4
20	9.54	32.42	25.04	293.5	.61	.06	1485.7
30	9.30	32.40	25.07	291.0	.90	.13	1485.0
50	9.04	32.55	25.22	276.7	1.47	.36	1484.5
75	8.58	32.83	25.51	249.7	2.13	.77	1483.5
100	8.29	33.47	26.06	197.8	2.69	1.26	1483.7
125	7.85	33.71	26.31	174.1	3.16	1.79	1482.7
150	7.58	33.81	26.42	163.6	3.58	2.36	1482.2
175	7.28	33.86	26.51	156.1	3.98	3.01	1481.5
200	6.96	33.89	26.57	150.0	4.36	3.73	1480.7
225	6.66	33.92	26.64	144.4	4.73	4.51	1479.9
250	6.36	33.96	26.71	137.8	5.09	5.35	1479.2
300	5.86	33.97	26.78	131.5	5.76	7.21	1478.0
400	5.14	34.03	26.91	119.4	7.02	11.61	1476.8
500	4.57	34.10	27.03	108.7	8.17	16.75	1476.2
600	4.21	34.17	27.13	99.9	9.20	22.44	1476.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
713.0	3.92	34.28	27.25	89.5	10.27	29.47	1477.2

WIND MIXED LAYER DEPTH = 5.4 METRES



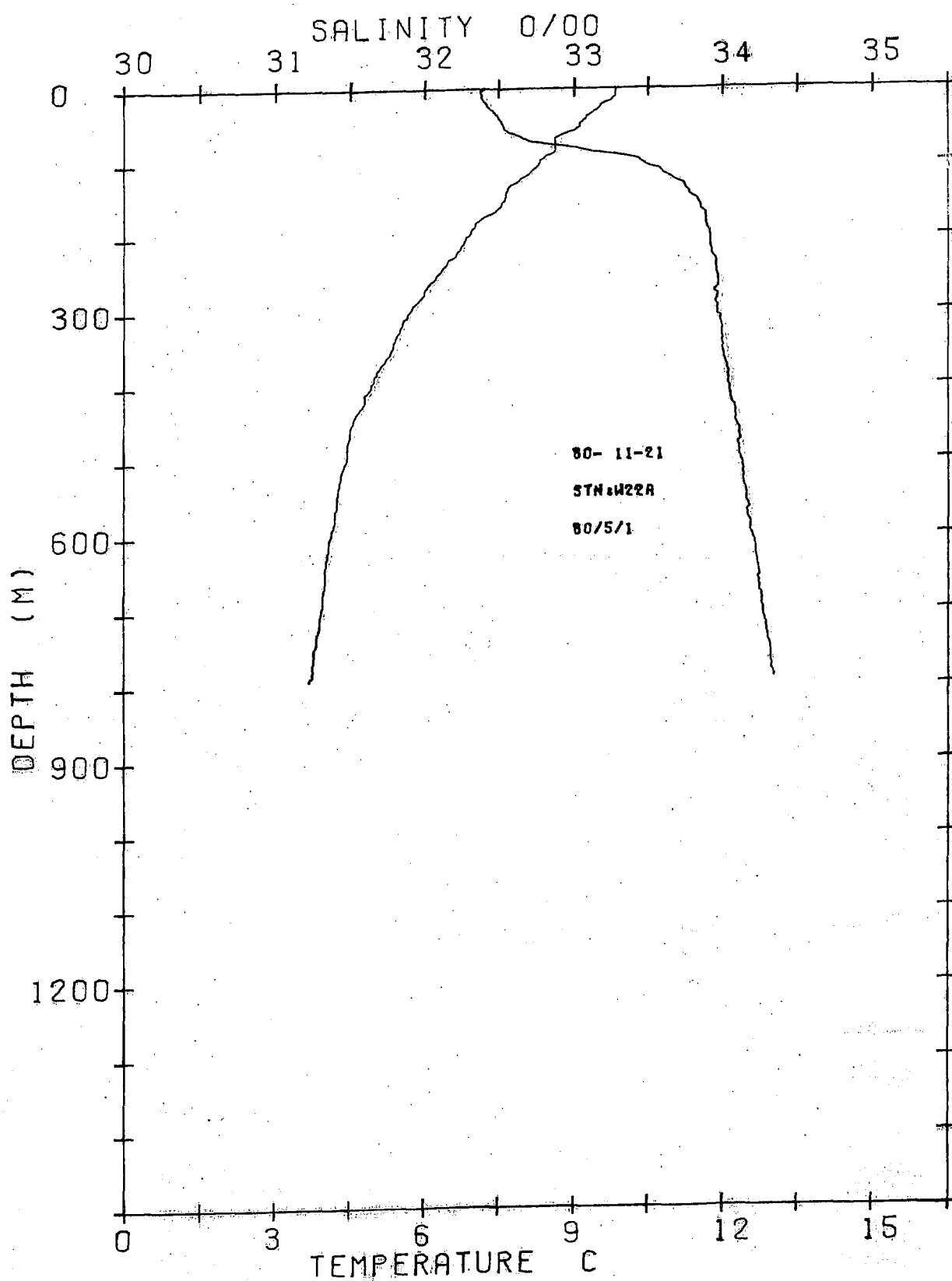
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #020
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/01 TIME (PST) 2101

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.84	32.33	24.92	304.6	.00	.00	1486.4
10	9.80	32.34	24.93	303.1	.30	.02	1486.4
20	9.62	32.39	25.01	296.4	.60	.06	1486.0
30	9.36	32.47	25.11	286.7	.90	.13	1485.3
50	9.06	32.54	25.21	277.3	1.46	.36	1484.6
75	8.64	32.87	25.53	247.2	2.12	.77	1483.8
100	8.29	33.48	26.06	197.2	2.69	1.26	1483.7
125	7.74	33.75	26.35	170.1	3.14	1.78	1482.3
150	7.54	33.85	26.46	160.2	3.56	2.34	1482.1
175	7.16	33.89	26.55	152.1	3.95	2.98	1481.1
200	6.87	33.91	26.60	147.4	4.33	3.68	1480.4
225	6.62	33.93	26.65	142.8	4.69	4.45	1479.8
250	6.28	33.95	26.71	137.5	5.04	5.28	1478.9
300	5.71	33.97	26.80	129.4	5.70	7.11	1477.4
400	4.99	34.03	26.93	117.4	6.94	11.43	1476.2
500	4.46	34.10	27.05	107.1	8.06	16.44	1475.7
600	4.15	34.19	27.15	98.0	9.08	22.04	1476.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
790.3	3.71	34.33	27.31	84.1	10.79	33.95	1477.7

WIND MIXED LAYER DEPTH = 8.1 METRES



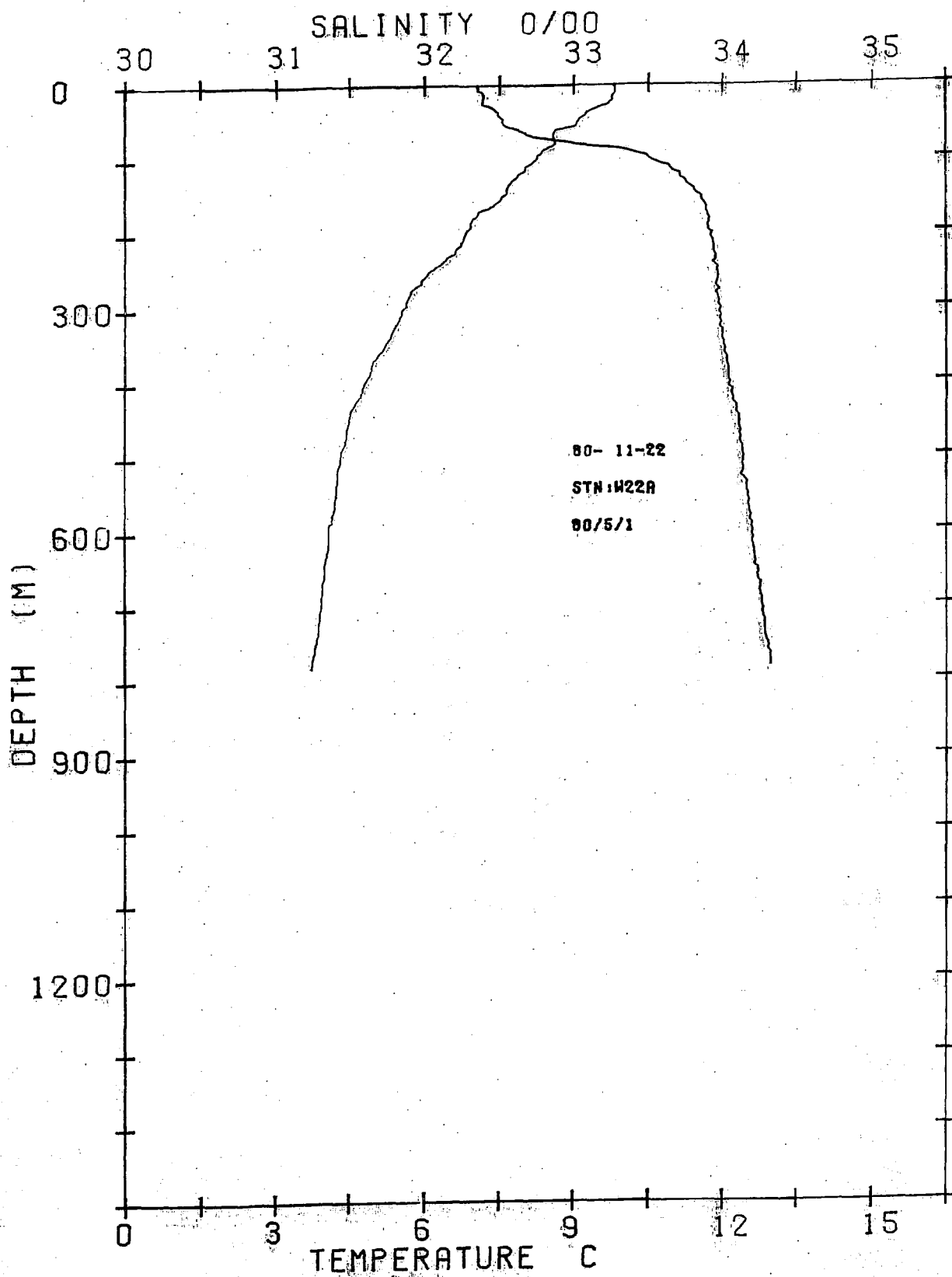
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #021
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/01 TIME (PST) 2202

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.83	32.40	24.97	299.3	.00	.00	1486.4
10	9.84	32.38	24.96	300.9	.30	.02	1486.6
20	9.57	32.42	25.03	293.9	.60	.06	1485.8
30	9.43	32.46	25.09	288.8	.89	.13	1485.5
50	9.11	32.53	25.19	279.1	1.46	.36	1484.7
75	8.61	32.83	25.50	249.9	2.13	.77	1483.7
100	8.30	33.46	26.04	199.0	2.68	1.26	1483.7
125	7.91	33.69	26.28	176.6	3.15	1.78	1482.9
150	7.63	33.83	26.43	162.7	3.57	2.36	1482.4
175	7.15	33.89	26.55	151.9	3.96	3.00	1481.0
200	6.85	33.92	26.61	146.5	4.34	3.70	1480.3
225	6.62	33.93	26.65	142.8	4.70	4.47	1479.8
250	6.26	33.96	26.72	136.4	5.05	5.29	1478.8
300	5.67	33.96	26.80	129.7	5.71	7.12	1477.3
400	4.91	34.03	26.94	116.5	6.93	11.39	1475.9
500	4.42	34.12	27.07	105.0	8.02	16.29	1475.6
600	4.10	34.19	27.16	96.9	9.03	21.84	1476.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
792.9	3.68	34.34	27.32	83.0	10.77	33.90	1477.6

WIND MIXED LAYER DEPTH = 8.2 METRES

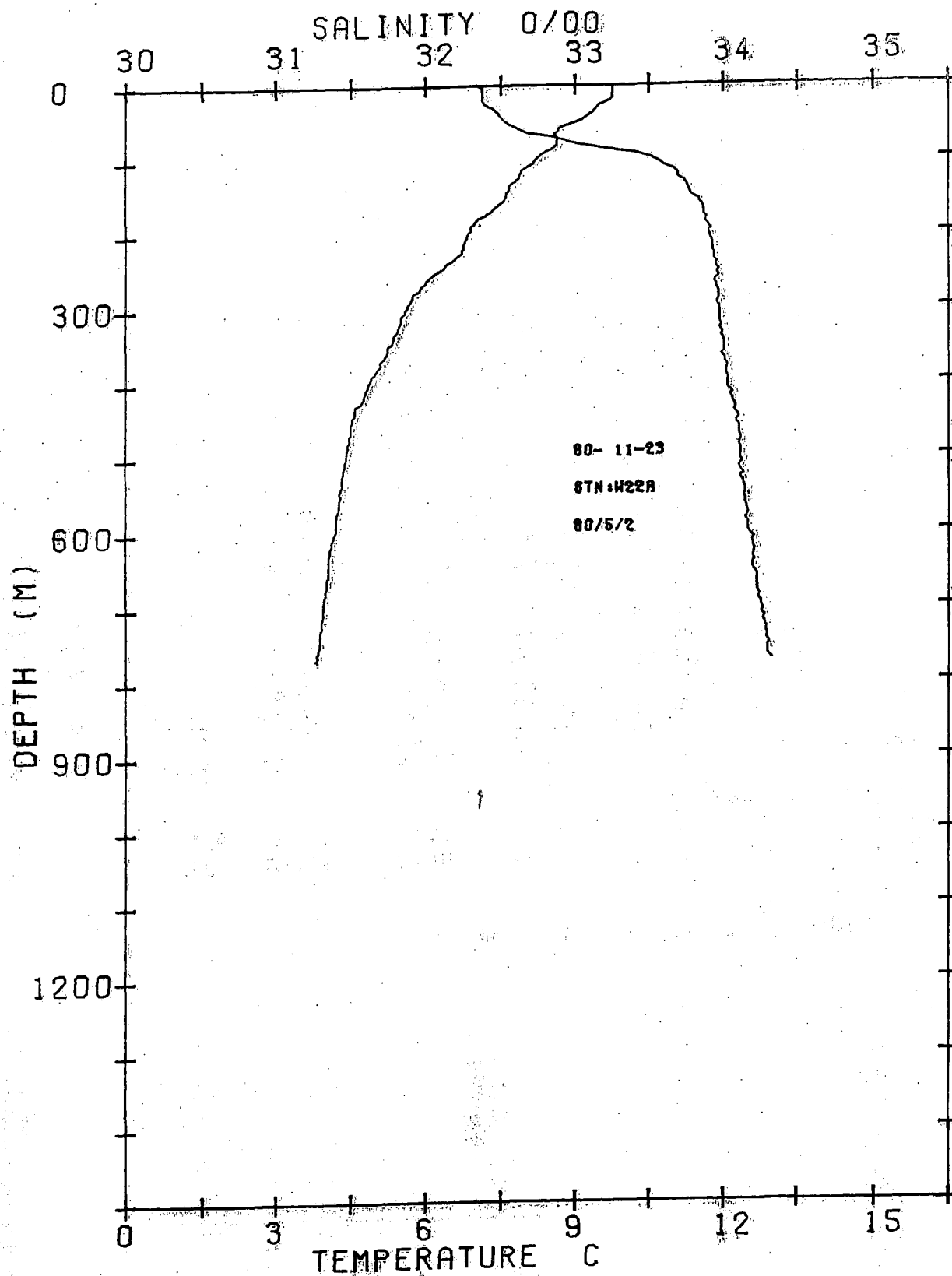


CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS H022
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/01 TIME (PST) 2303

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.82	32.35	24.94	302.7	.00	.00	1486.3
10	9.83	32.39	24.97	299.9	.30	.02	1486.6
20	9.77	32.39	24.98	298.8	.60	.06	1486.5
30	9.49	32.45	25.07	290.9	.90	.13	1485.7
50	9.10	32.52	25.19	279.7	1.47	.36	1484.7
75	8.64	32.93	25.58	243.1	2.13	.77	1483.9
100	8.25	33.51	26.09	194.9	2.66	1.24	1483.6
125	7.84	33.72	26.32	173.7	3.12	1.75	1482.7
150	7.57	33.85	26.46	160.6	3.54	2.32	1482.2
175	7.06	33.90	26.57	150.6	3.93	2.95	1480.7
200	6.81	33.92	26.62	145.4	4.30	3.65	1480.1
225	6.60	33.94	26.66	141.6	4.65	4.41	1479.7
250	6.08	33.96	26.75	134.1	5.00	5.23	1478.1
300	5.57	33.99	26.83	126.3	5.65	7.02	1476.9
400	4.79	34.05	26.97	113.9	6.86	11.23	1475.4
500	4.32	34.14	27.09	102.8	7.93	16.06	1475.2
600	4.09	34.21	27.17	95.9	8.93	21.53	1476.0

DEEPEST MEASUREMENT :							
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
781.2	3.73	34.33	27.30	84.2	10.57	32.82	1477.6

WIND MIXED LAYER DEPTH = 16.9 METRES



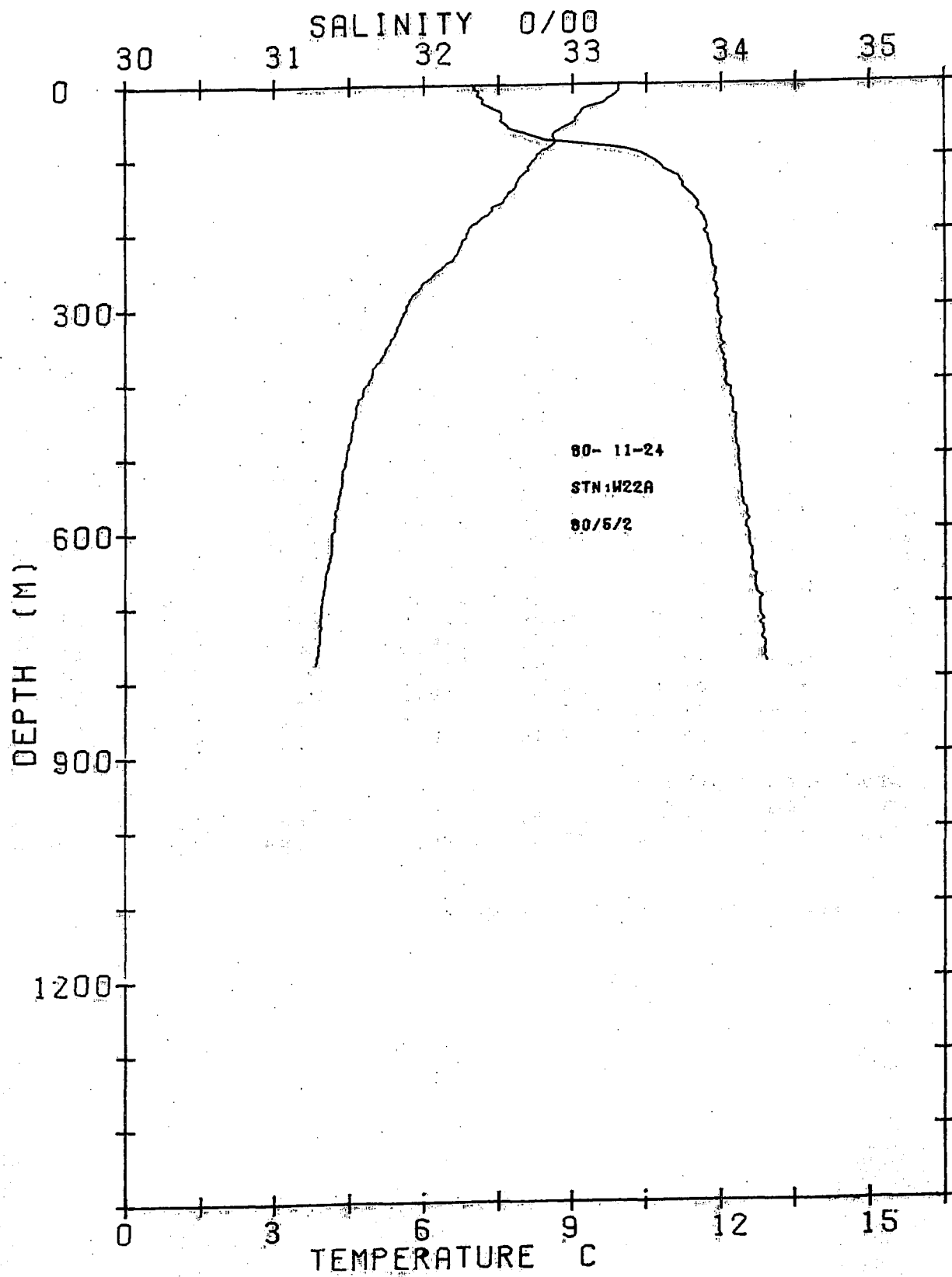
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #023
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/02 TIME (PST) 0005

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.79	32.34	24.94	302.4	.00	.00	1486.2
10	9.78	32.38	24.97	299.6	.30	.02	1486.4
20	9.73	32.37	24.97	299.9	.60	.06	1486.3
30	9.43	32.44	25.07	290.5	.89	.13	1485.5
50	9.02	32.53	25.20	278.0	1.46	.36	1484.4
75	8.65	32.95	25.59	241.6	2.12	.77	1483.9
100	8.22	33.53	26.11	192.7	2.66	1.24	1483.5
125	7.87	33.70	26.30	175.1	3.11	1.75	1482.8
150	7.63	33.79	26.40	165.6	3.53	2.33	1482.4
175	7.19	33.87	26.53	154.2	3.93	2.97	1481.2
200	6.83	33.90	26.60	147.6	4.30	3.67	1480.2
225	6.71	33.93	26.64	143.8	4.67	4.44	1480.2
250	6.27	33.97	26.73	135.6	5.02	5.28	1478.9
300	5.60	33.97	26.81	128.0	5.68	7.09	1477.0
400	4.87	34.03	26.94	116.3	6.90	11.35	1475.7
500	4.41	34.12	27.07	104.6	7.99	16.23	1475.5
600	4.16	34.17	27.14	99.2	9.01	21.85	1476.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
771.6	3.80	34.33	27.30	85.0	10.59	32.66	1477.7

WIND MIXED LAYER DEPTH = 16.8 METRES

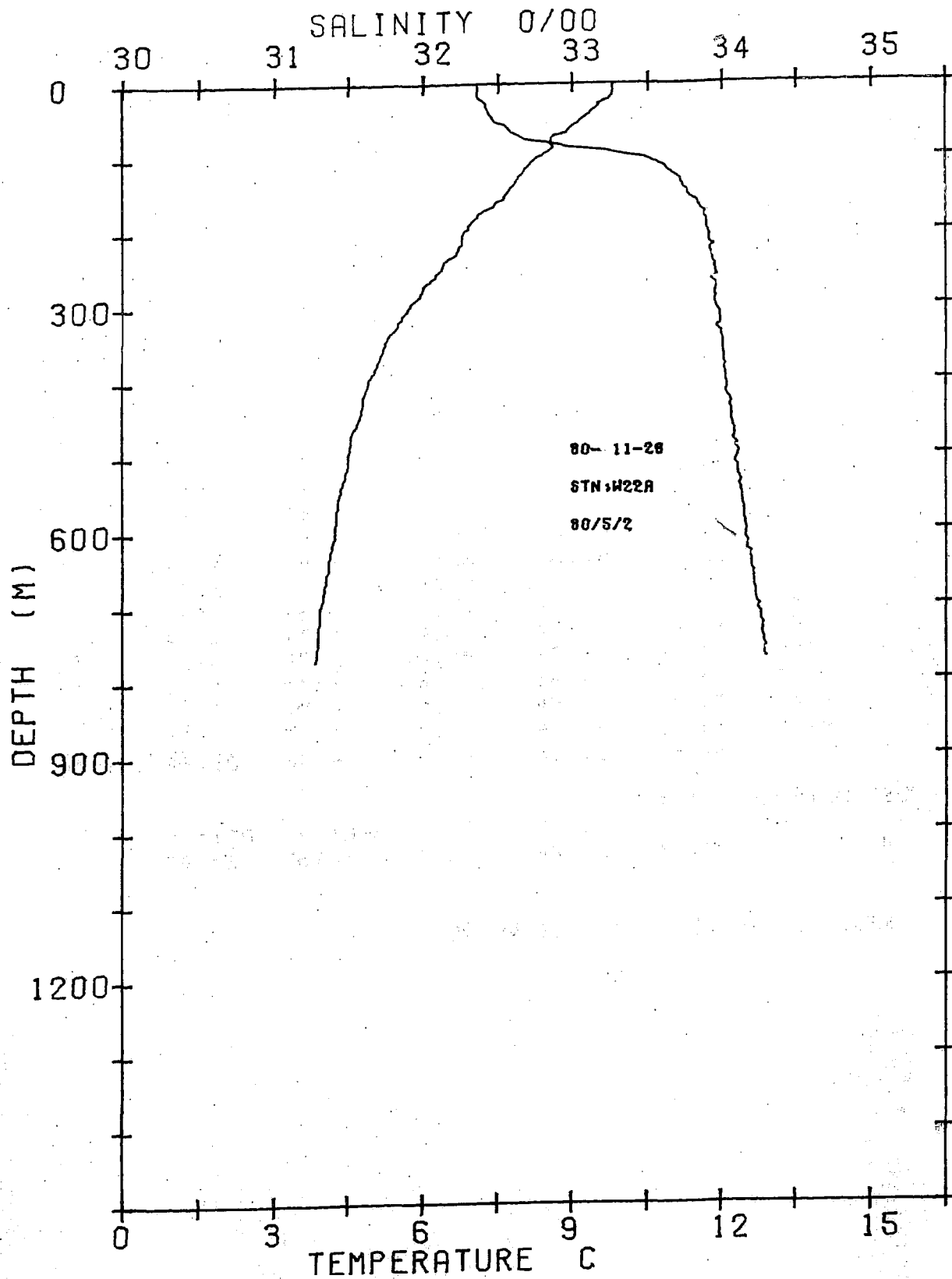


CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #024
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/02 TIME (PST) 0059

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.93	32.33	24.90	306.0	.00	.00	1486.7
10	9.92	32.37	24.94	302.6	.30	.02	1486.9
20	9.72	32.40	24.99	297.8	.61	.06	1486.4
30	9.33	32.45	25.09	288.4	.90	.13	1485.1
50	9.05	32.51	25.19	279.5	1.46	.36	1484.5
75	8.62	32.81	25.49	251.4	2.13	.77	1483.7
100	8.25	33.51	26.09	194.5	2.67	1.24	1483.6
125	7.93	33.70	26.29	176.2	3.14	1.77	1483.0
150	7.69	33.79	26.39	166.6	3.57	2.36	1482.6
175	7.29	33.86	26.50	156.5	3.97	3.01	1481.5
200	6.88	33.88	26.58	149.7	4.35	3.72	1480.3
225	6.68	33.93	26.64	143.9	4.71	4.49	1480.0
250	6.26	33.96	26.72	136.4	5.06	5.33	1478.8
300	5.63	33.97	26.81	128.4	5.72	7.14	1477.1
400	4.86	34.02	26.94	116.5	6.94	11.40	1475.7
500	4.43	34.11	27.06	105.8	8.03	16.31	1475.6
600	4.16	34.18	27.14	98.9	9.06	21.92	1476.2

DEEPEST MEASUREMENT :							
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
775.0	3.81	34.31	27.28	86.8	10.67	33.00	1477.8

WIND MIXED LAYER DEPTH = 17.0 METRES



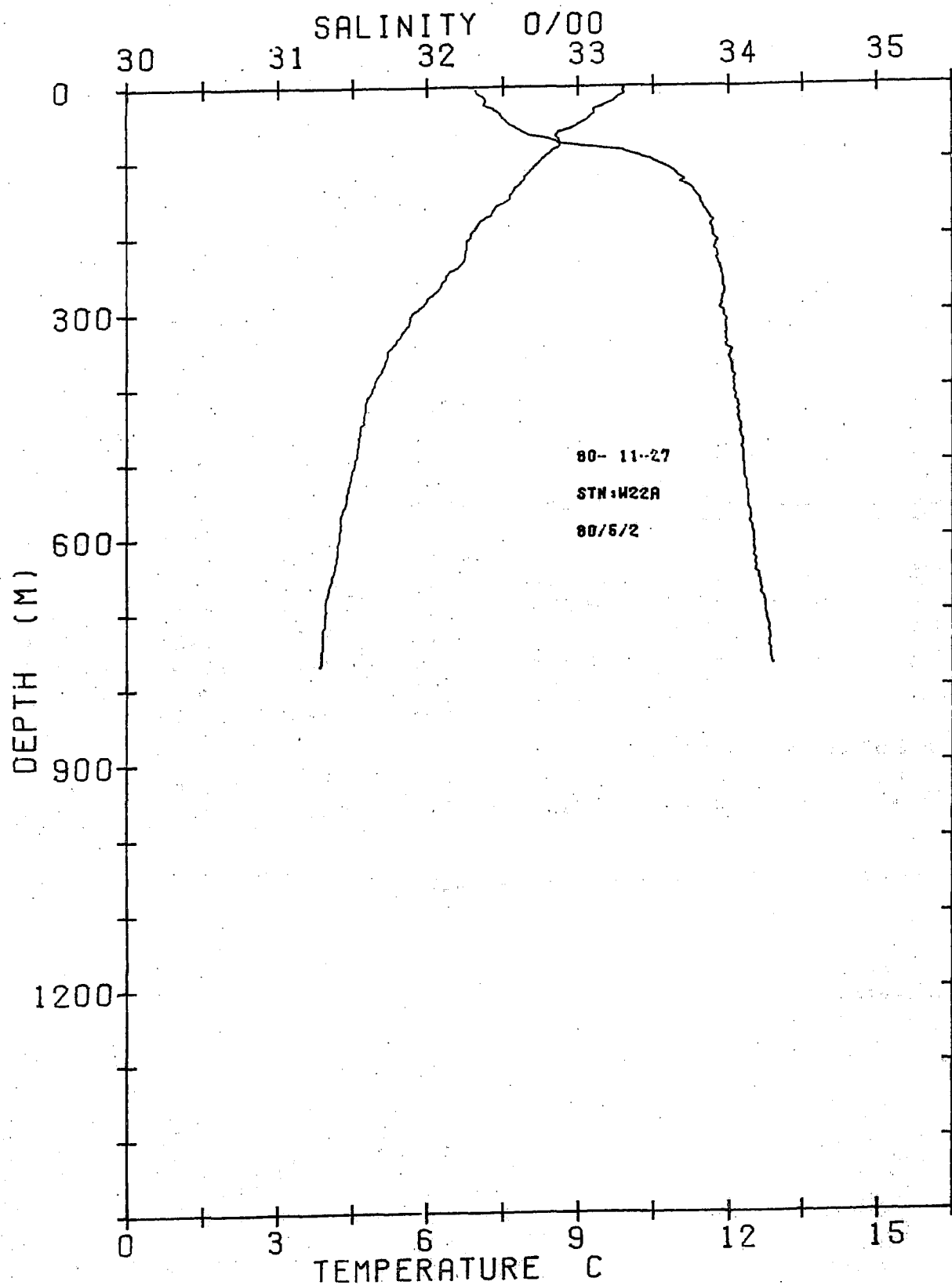
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #026
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/02 TIME (PST) 0207

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.82	32.36	24.95	301.6	.00	.00	1486.3
10	9.82	32.36	24.95	301.6	.30	.02	1486.5
20	9.75	32.37	24.97	300.0	.60	.06	1486.4
30	9.53	32.42	25.04	293.6	.90	.13	1485.8
50	9.16	32.48	25.14	283.9	1.48	.37	1484.9
75	8.58	32.68	25.40	260.2	2.16	.79	1483.3
100	8.30	33.47	26.05	198.1	2.73	1.29	1483.7
125	7.93	33.70	26.29	176.3	3.19	1.81	1483.0
150	7.66	33.77	26.38	167.8	3.62	2.40	1482.4
175	7.11	33.89	26.56	151.5	4.02	3.05	1480.9
200	6.81	33.91	26.61	146.8	4.40	3.75	1480.1
225	6.70	33.92	26.64	144.5	4.76	4.52	1480.1
250	6.36	33.95	26.70	138.5	5.11	5.36	1479.2
300	5.73	33.96	26.79	130.4	5.78	7.20	1477.5
400	4.91	34.03	26.94	116.5	7.01	11.46	1475.9
500	4.51	34.11	27.05	106.8	8.12	16.46	1475.9
600	4.22	34.17	27.12	100.4	9.16	22.17	1476.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
772.5	3.83	34.30	27.27	87.6	10.77	33.19	1477.8

WIND MIXED LAYER DEPTH = 16.6 METRES



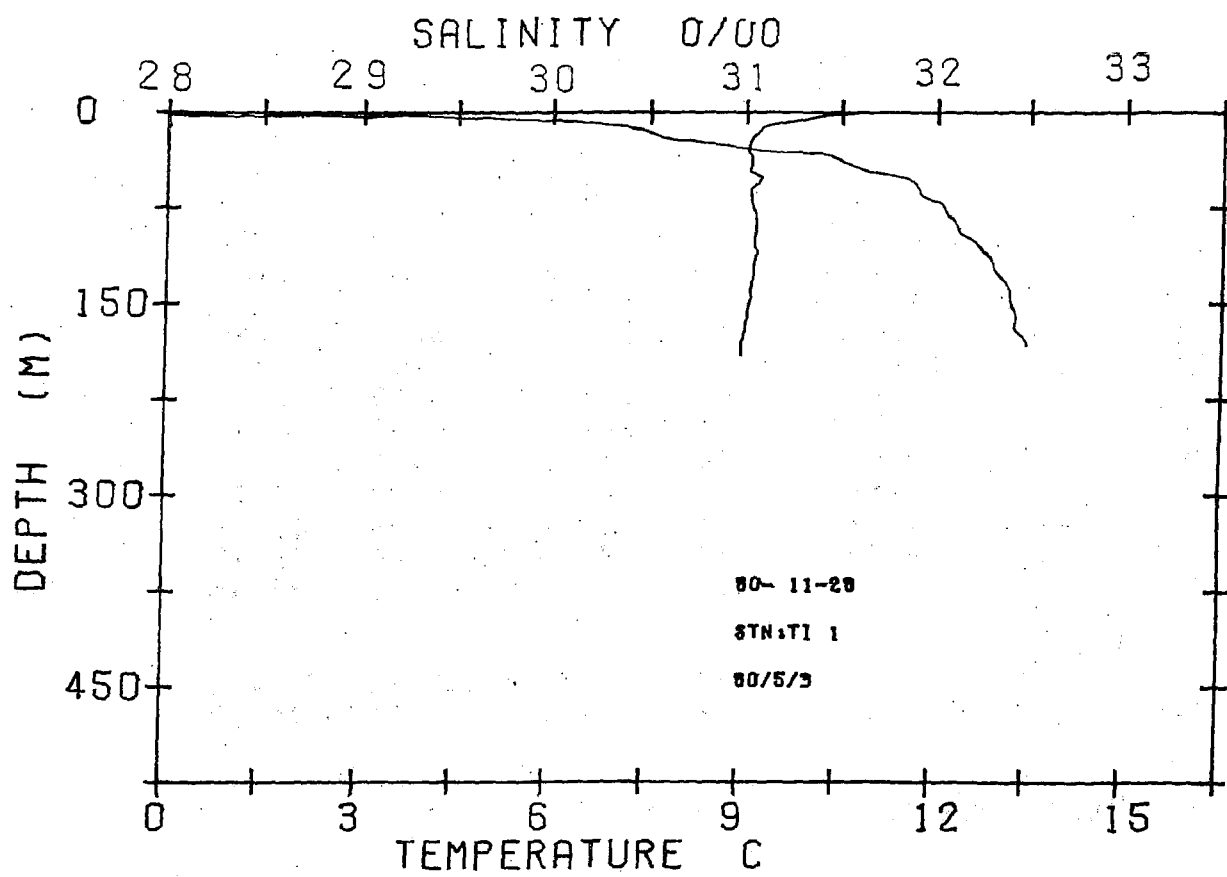
CRUISE : C.O.D.E. 80-11.
 STATION: W22A CONS #027
 LAT N 49 07.3 LONG W 127 06.5
 DATE 80/05/02 TIME (PST) 0300

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.91	32.31	24.89	307.1	.00	.00	1486.6
10	9.93	32.33	24.90	306.0	.31	.02	1486.9
20	9.74	32.39	24.98	298.8	.61	.06	1486.4
30	9.35	32.42	25.07	290.4	.90	.13	1485.2
50	9.02	32.54	25.21	277.3	1.47	.36	1484.4
75	8.63	32.88	25.54	246.6	2.13	.77	1483.8
100	8.26	33.50	26.08	195.6	2.67	1.24	1483.6
125	7.91	33.71	26.29	175.7	3.13	1.76	1482.9
150	7.65	33.81	26.41	164.9	3.55	2.34	1482.4
175	7.15	33.88	26.54	152.8	3.95	2.99	1481.0
200	6.86	33.90	26.60	148.0	4.33	3.69	1480.3
225	6.75	33.93	26.63	144.6	4.69	4.46	1480.3
250	6.39	33.95	26.70	138.5	5.05	5.31	1479.3
300	5.74	33.97	26.80	129.7	5.72	7.16	1477.5
400	4.92	34.04	26.95	115.4	6.95	11.44	1475.9
500	4.55	34.09	27.03	108.9	8.06	16.44	1476.1
600	4.23	34.17	27.12	100.4	9.10	22.16	1476.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
770.2	3.83	34.31	27.28	86.8	10.69	33.03	1477.8

WIND MIXED LAYER DEPTH = 10.4 METRES



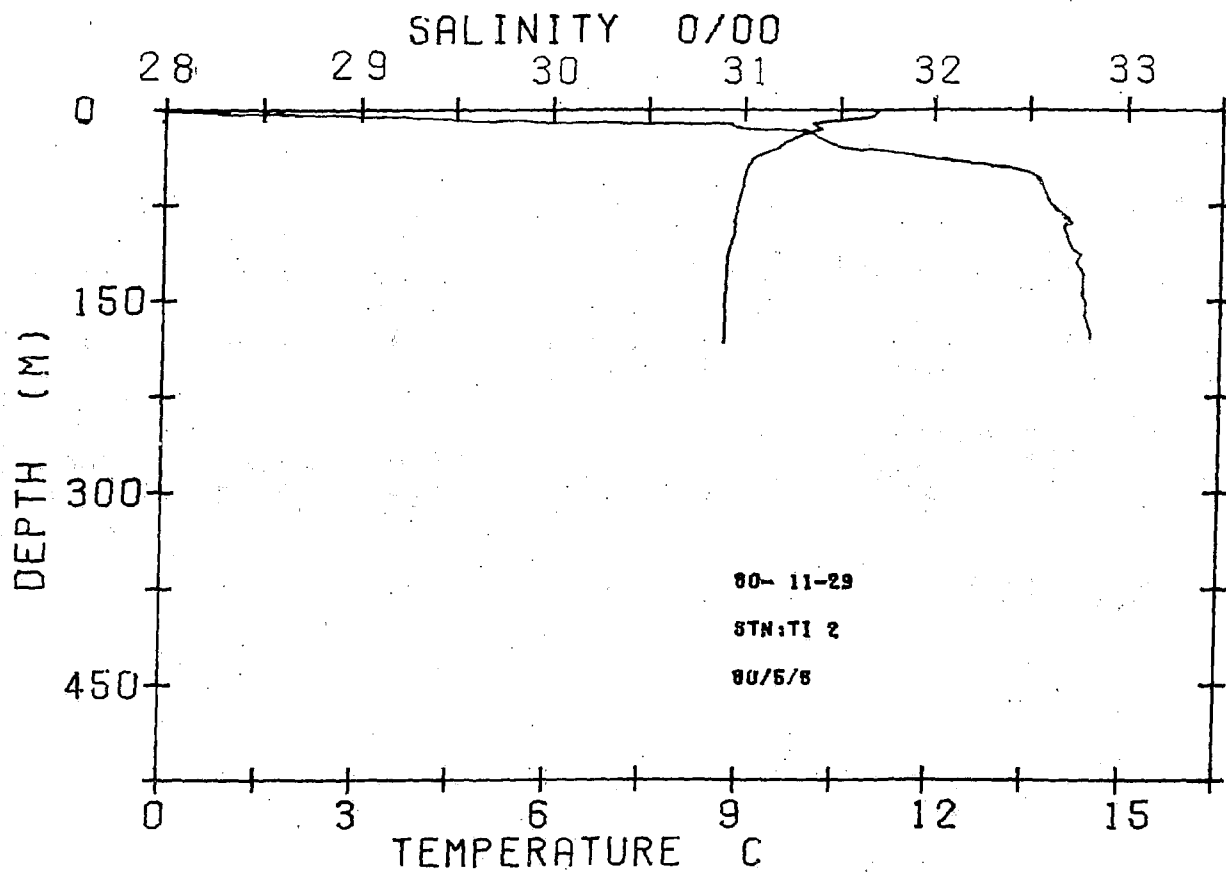
CRUISE : C.O.D.E. 80-11.
 STATION: TI 1 CONS #028
 LAT N 49 51.9 LONG W 126 39.7
 DATE 80/05/03 TIME (PST) 1021

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.67	24.80	18.94	876.5	.00	.00	1480.0
10	9.38	29.93	23.13	475.4	.63	.03	1481.8
20	9.10	30.51	23.62	428.8	1.07	.09	1481.6
30	9.05	30.98	23.99	393.1	1.49	.20	1482.2
50	9.23	31.72	24.54	341.0	2.21	.48	1484.2
75	9.13	31.97	24.75	321.8	3.03	1.00	1484.5
100	9.16	32.14	24.88	309.4	3.82	1.69	1485.2
125	9.16	32.31	25.01	297.5	4.58	2.54	1485.9
150	9.10	32.39	25.08	291.3	5.32	3.55	1486.2
175	9.01	32.42	25.13	287.6	6.04	4.73	1486.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
190.4	8.97	32.47	25.16	284.2	6.48	5.53	1486.4

WIND MIXED LAYER DEPTH = 2.2 METRES



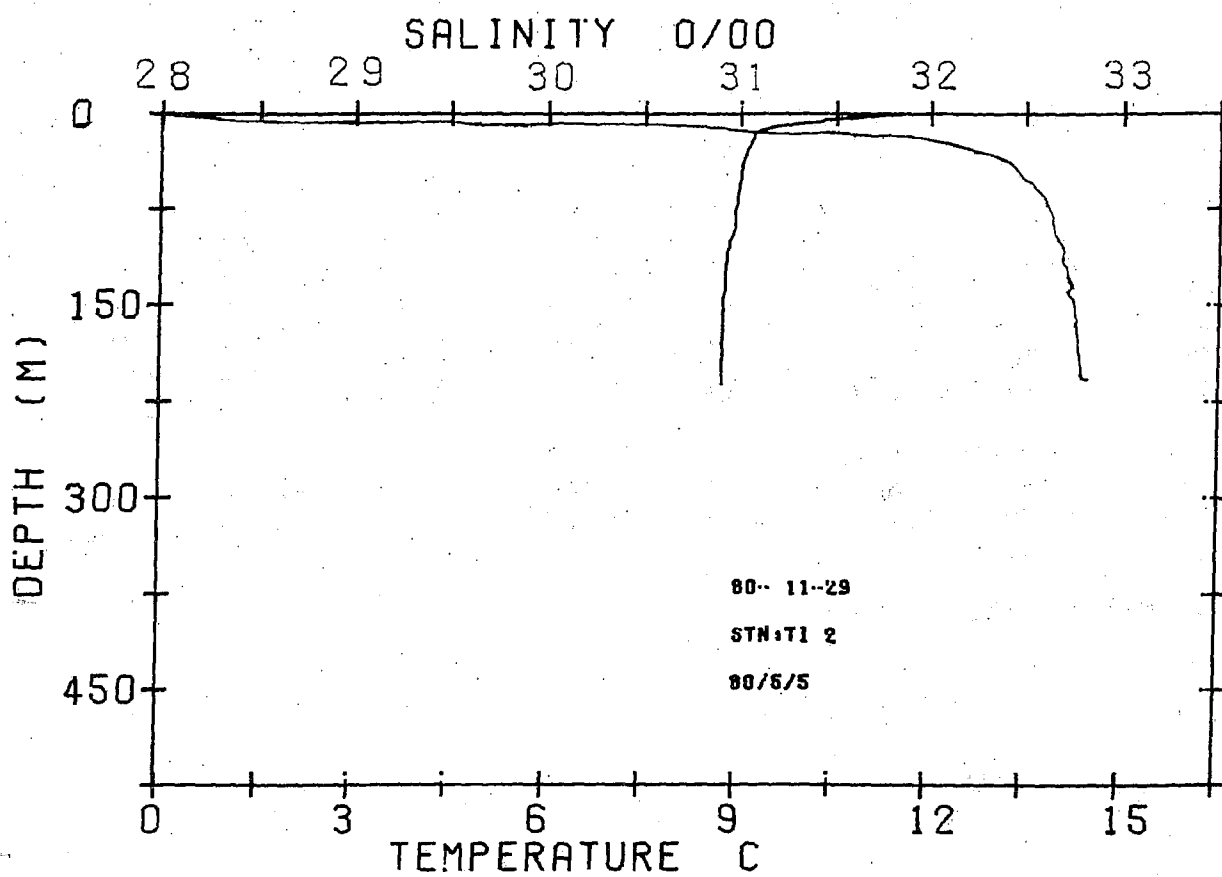
CRUISE : C.O.D.E. 80-11.
 STATION: TI 2 CONS #029
 LAT N 49 40.7 LONG W 126 34.4
 DATE 80/05/05 TIME (PST) 1127

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.53	24.56	18.61	908.3	.00	.00	1482.8
10	9.55	30.30	23.38	450.9	.66	.03	1482.9
20	9.20	31.73	24.55	339.7	1.05	.08	1483.5
30	9.13	32.17	24.91	305.7	1.37	.16	1484.0
50	9.02	32.47	25.16	281.9	1.95	.40	1484.3
75	8.95	32.61	25.28	271.4	2.64	.83	1484.6
100	8.86	32.68	25.35	265.1	3.31	1.41	1484.8
125	8.80	32.73	25.40	260.9	3.96	2.15	1485.0
150	8.76	32.75	25.42	259.2	4.62	3.05	1485.3
175	8.76	32.76	25.43	259.1	5.26	4.10	1485.7
200	8.74	32.79	25.45	256.9	5.91	5.31	1486.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
212.0	8.75	32.81	25.45	257.7	6.22	5.94	1486.4

WIND MIXED LAYER DEPTH = 4.8 METRES



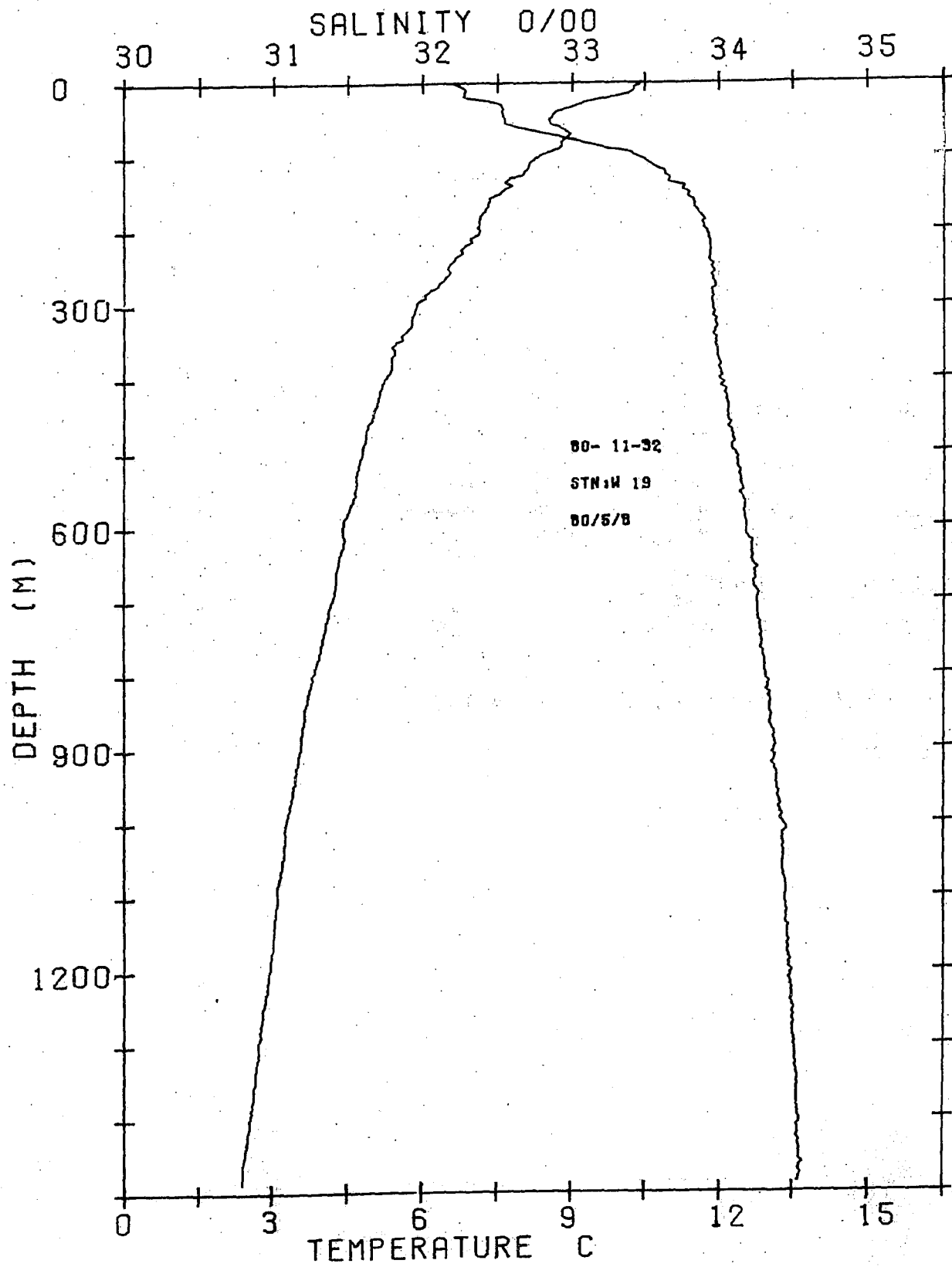
CRUISE : C.O.D.E. 80-11.
 STATION: TI 2 CONS #029
 LAT N 49 40.8 LONG W 126 34.4
 DATE 80/05/06 TIME (PST) 1757

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.10	27.82	21.21	658.6	.00	.00	1485.3
10	10.10	30.71	23.62	428.3	.60	.03	1485.4
20	9.91	31.35	24.15	378.4	1.00	.09	1485.7
30	9.55	31.59	24.39	355.0	1.36	.18	1484.8
50	9.02	32.51	25.19	279.4	1.98	.42	1484.4
75	8.92	32.63	25.30	269.1	2.66	.85	1484.6
100	8.86	32.70	25.36	263.6	3.33	1.43	1484.8
125	8.75	32.77	25.43	257.6	3.98	2.16	1484.9
150	8.73	32.78	25.45	256.4	4.62	3.04	1485.3
175	8.72	32.81	25.47	254.9	5.26	4.09	1485.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
182.5	8.73	32.80	25.46	255.7	5.45	4.43	1485.8

WIND MIXED LAYER DEPTH = 5.1 METRES



CRUISE : C.O.D.E. 80-11.

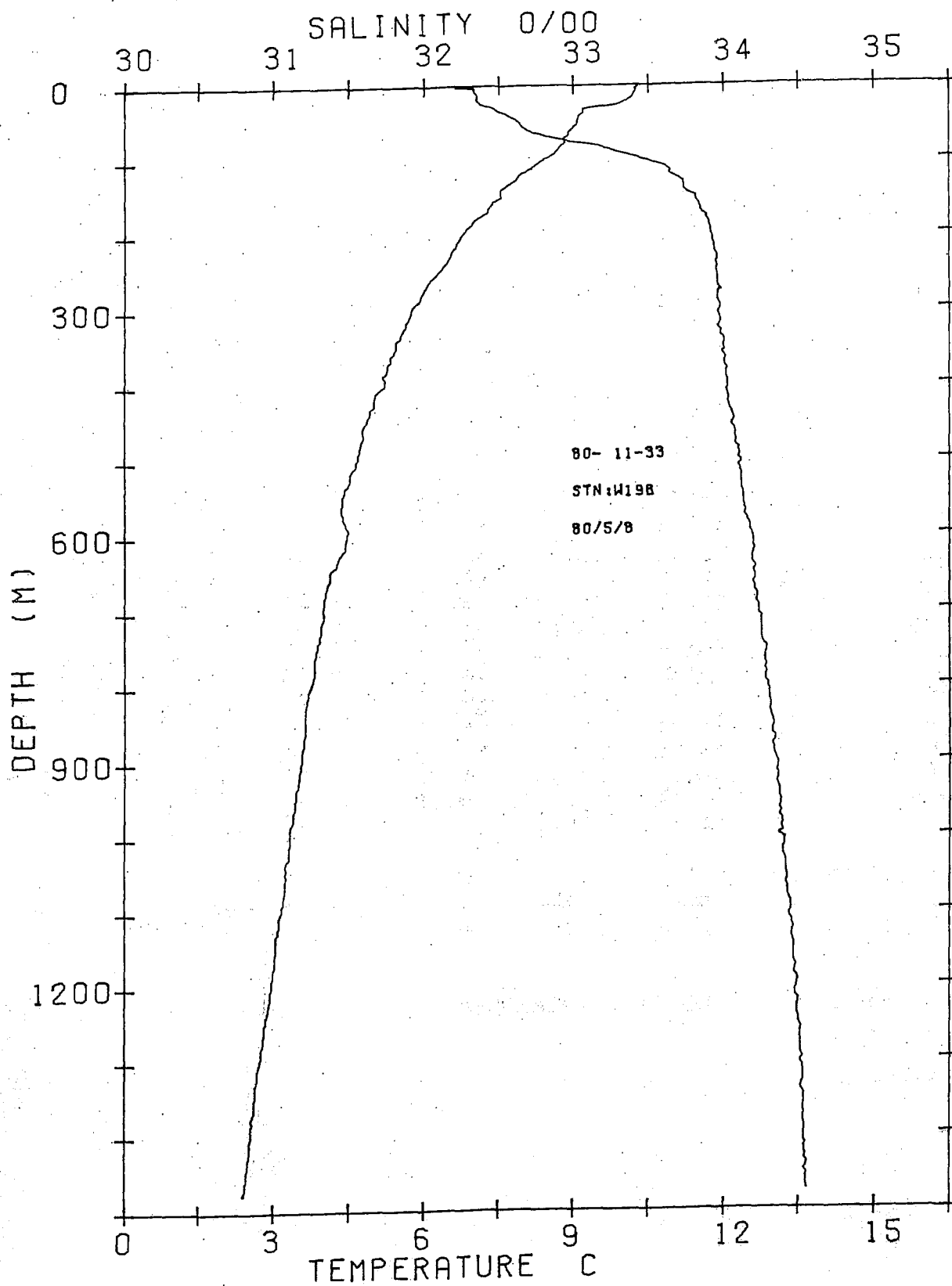
STATION: W 19 CONS #032
 LAT N 48 48.0 LONG W 127 37.5
 DATE 80/05/08 TIME (PST) 1304

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.41	32.22	24.74	321.3	.00	.00	1488.3
10	10.28	32.29	24.81	314.8	.32	.02	1488.1
20	9.85	32.27	24.87	309.5	.63	.06	1486.7
30	9.17	32.51	25.17	280.9	.92	.14	1484.6
50	8.53	32.55	25.30	269.1	1.47	.35	1482.6
75	8.90	32.95	25.55	245.5	2.12	.76	1484.9
100	8.35	33.44	26.02	201.4	2.68	1.25	1483.9
125	8.02	33.64	26.22	182.3	3.16	1.78	1483.3
150	7.56	33.79	26.42	164.5	3.59	2.37	1482.1
175	7.23	33.86	26.51	155.5	3.99	3.02	1481.3
200	7.17	33.92	26.57	150.9	4.37	3.73	1481.6
225	6.78	33.94	26.64	144.1	4.73	4.51	1480.5
250	6.51	33.95	26.69	139.9	5.09	5.36	1479.8
300	5.89	33.96	26.77	132.3	5.77	7.24	1478.2
400	5.25	34.00	26.88	122.8	7.04	11.67	1477.2
500	4.79	34.10	27.01	110.6	8.20	16.87	1477.1
600	4.38	34.18	27.12	101.0	9.26	22.68	1477.2
800	3.78	34.32	27.29	85.4	11.13	35.76	1478.1
1000	3.29	34.44	27.43	72.9	12.72	50.04	1479.5
1200	2.95	34.50	27.52	65.6	14.13	65.47	1481.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1485.1	2.40	34.54	27.59	58.2	15.88	88.95	1483.8

WIND MIXED LAYER DEPTH = 12.6 METRES



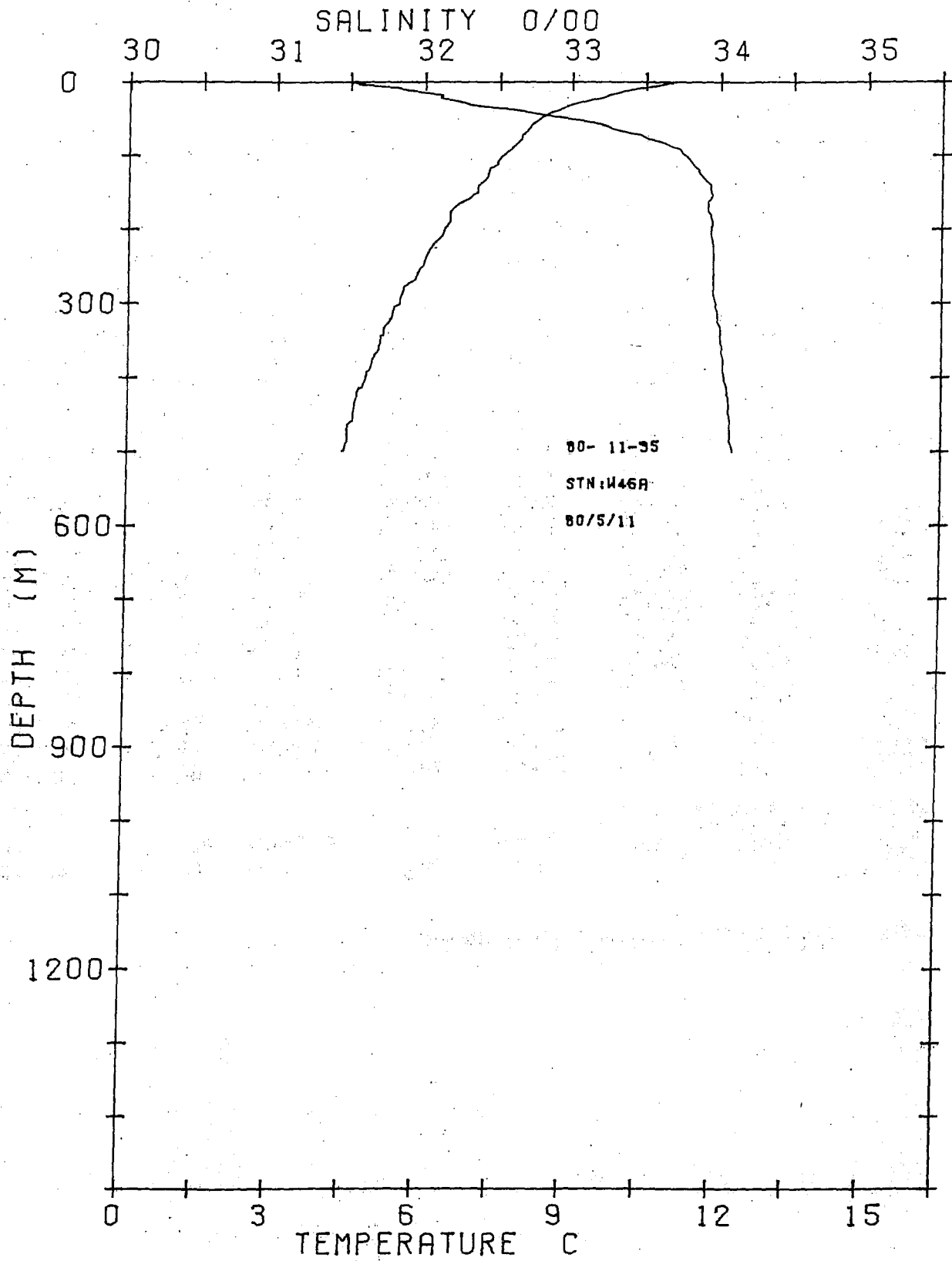
CRUISE : C.O.D.E. 80-11.
 STATION: W19B CONS #033
 LAT N 49 02.2 LONG W 127 51.0
 DATE 80/05/08 TIME (PST) 1558

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.29	32.21	24.75	320.5	.00	.00	1487.9
10	10.23	32.34	24.86	309.8	.31	.02	1488.0
20	10.09	32.35	24.89	307.3	.62	.06	1487.6
30	9.20	32.45	25.12	285.8	.92	.14	1484.7
50	9.10	32.63	25.28	271.2	1.48	.36	1484.8
75	8.85	32.97	25.58	243.3	2.13	.76	1484.7
100	8.39	33.46	26.03	200.3	2.67	1.24	1484.0
125	7.87	33.71	26.30	175.0	3.14	1.76	1482.8
150	7.55	33.82	26.44	162.2	3.56	2.34	1482.1
175	7.12	33.88	26.55	152.3	3.96	2.98	1480.9
200	6.76	33.92	26.63	144.8	4.33	3.68	1479.9
225	6.55	33.95	26.68	140.5	4.68	4.43	1479.5
250	6.29	33.95	26.71	137.4	5.03	5.26	1478.9
300	5.73	33.98	26.80	128.9	5.69	7.08	1477.5
400	5.18	34.03	26.91	119.4	6.94	11.42	1477.0
500	4.66	34.10	27.03	108.9	8.08	16.54	1476.6
600	4.46	34.19	27.12	101.2	9.12	22.30	1477.5
800	3.75	34.30	27.28	86.7	11.00	35.35	1477.9
1000	3.37	34.37	27.37	78.6	12.62	49.95	1479.7
1200	2.96	34.49	27.51	66.7	14.05	65.63	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1475.3	2.41	34.56	27.61	56.9	15.74	88.17	1483.8

WIND MIXED LAYER DEPTH = 20.8 METRES



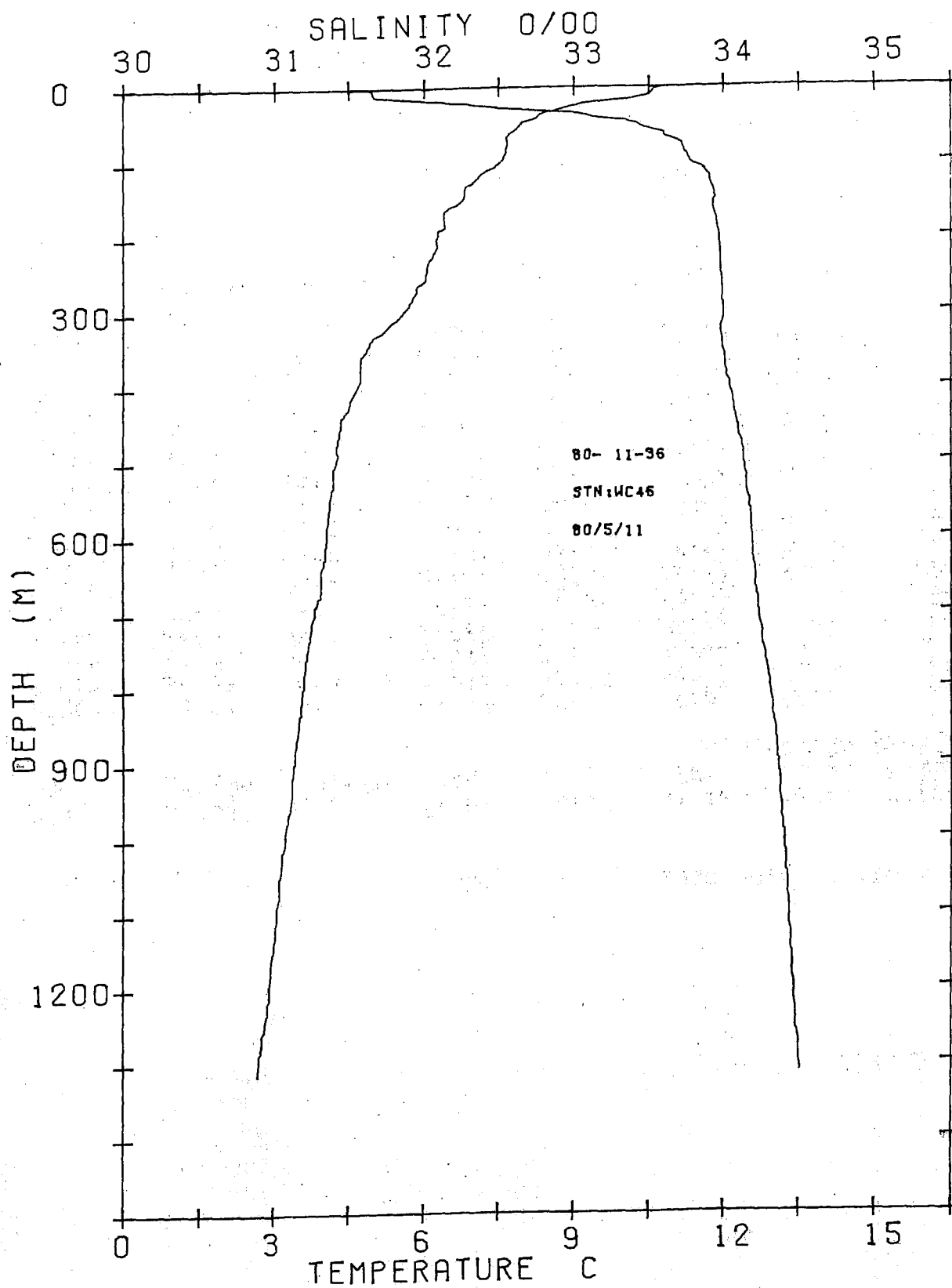
CRUISE : C.O.D.E. 80-11.
 STATION: W46A CONS #035
 LAT N 50 03.8 LONG W 128 02.0
 DATE 80/05/11 TIME (PST) 1530

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.01	31.50	24.08	384.6	.00	.00	1489.6
10	10.33	31.84	24.46	348.4	.37	.02	1487.7
20	9.70	32.11	24.77	318.7	.70	.07	1485.9
30	9.07	32.28	25.00	296.7	1.01	.15	1483.9
50	8.34	32.96	25.65	235.7	1.54	.36	1482.4
75	7.94	33.48	26.12	191.7	2.07	.68	1481.9
100	7.59	33.76	26.39	166.6	2.51	1.07	1481.4
125	7.27	33.87	26.52	154.5	2.91	1.52	1480.7
150	7.04	33.94	26.60	146.6	3.29	2.03	1480.3
175	6.54	33.92	26.65	141.8	3.65	2.62	1478.6
200	6.42	33.94	26.69	139.2	4.00	3.27	1478.6
225	6.13	33.96	26.74	134.6	4.34	4.00	1477.9
250	5.97	33.96	26.76	132.7	4.68	4.79	1477.6
300	5.52	33.98	26.83	126.6	5.32	6.57	1476.7
400	4.83	34.04	26.96	114.9	6.52	10.77	1475.5
500	4.39	34.10	27.05	106.3	7.62	15.71	1475.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
501.0	4.39	34.10	27.05	106.2	7.64	15.77	1475.5

WIND MIXED LAYER DEPTH = 5.0 METRES



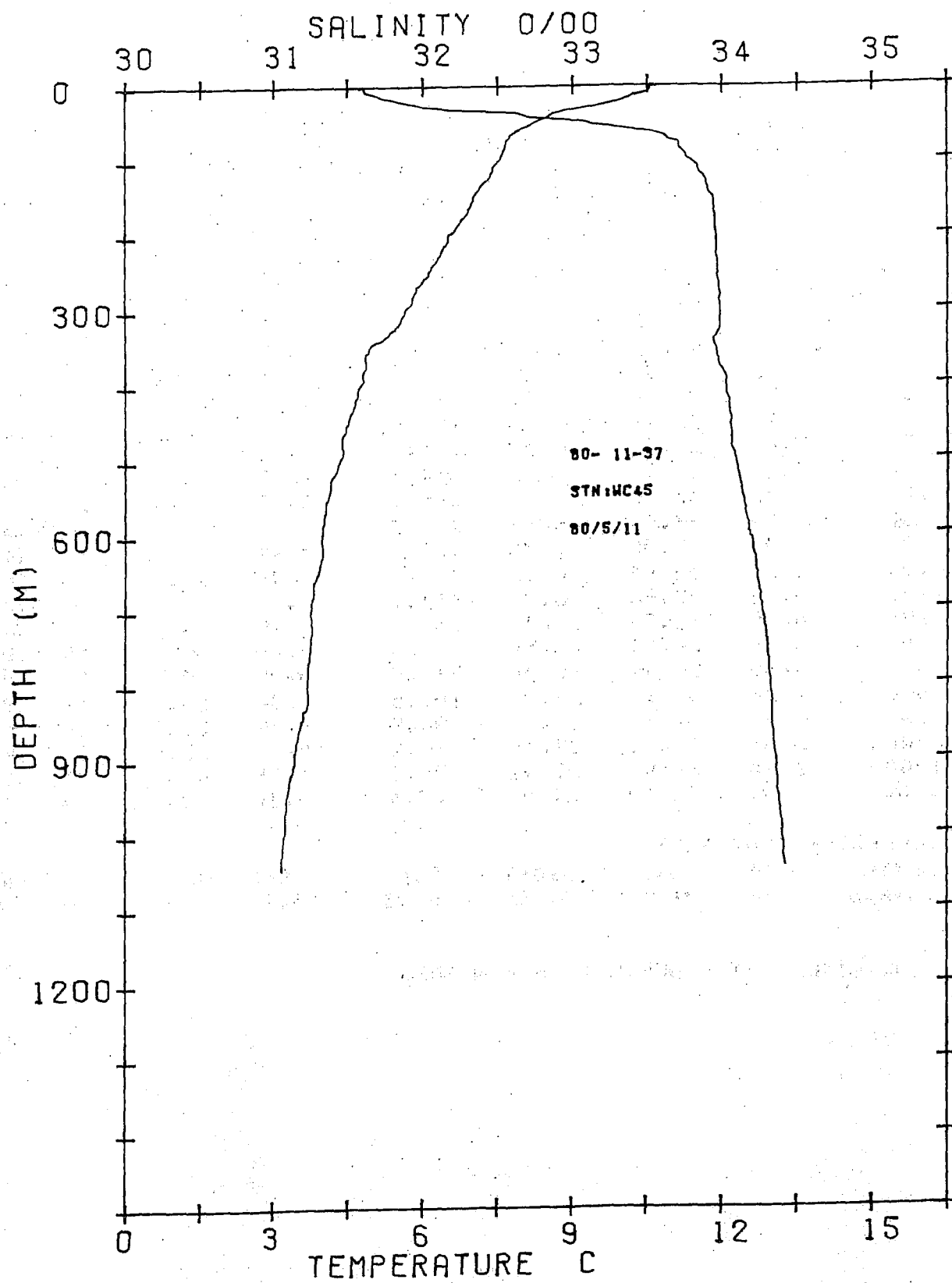
CRUISE : C.O.D.E. 80-11.
 STATION: WC46 CONS #036
 LAT N 50 01.5 LONG W 128 05.5
 DATE 80/05/11 TIME (PST) 1620

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.81	31.52	24.13	379.3	.00	.00	1488.9
10	10.51	31.67	24.29	364.2	.37	.02	1488.1
20	9.78	32.08	24.74	321.9	.71	.07	1486.2
30	8.73	32.59	25.30	268.4	1.01	.14	1483.1
50	7.95	33.40	26.05	197.5	1.46	.32	1481.5
75	7.68	33.70	26.33	171.7	1.92	.61	1481.2
100	7.53	33.78	26.41	164.6	2.34	.97	1481.1
125	7.01	33.91	26.58	148.0	2.73	1.41	1479.7
150	6.79	33.95	26.64	142.7	3.09	1.91	1479.3
175	6.38	33.95	26.70	137.9	3.44	2.48	1478.1
200	6.26	33.97	26.73	135.0	3.78	3.12	1478.0
225	6.15	33.98	26.75	133.1	4.12	3.83	1478.0
250	6.04	33.98	26.77	131.8	4.45	4.62	1478.0
300	5.58	34.00	26.84	125.5	5.09	6.38	1476.9
400	4.66	34.04	26.98	112.9	6.28	10.52	1474.9
500	4.26	34.13	27.09	102.5	7.34	15.31	1474.9
600	4.07	34.19	27.16	96.9	8.34	20.77	1475.9
800	3.61	34.31	27.30	84.4	10.16	33.51	1477.4
1000	3.24	34.41	27.42	74.3	11.75	47.73	1479.2
1200	2.91	34.47	27.50	67.4	13.16	63.28	1481.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1314.0	2.66	34.51	27.55	62.3	13.90	72.60	1482.1

WIND MIXED LAYER DEPTH = 5.9 METRES



CRUISE : C.O.D.E. 80-11.
 STATION: WC45 CONS #037
 LAT N 49 57.0 LONG W 128 12.5
 DATE 80/05/11 TIME (PST) 1740

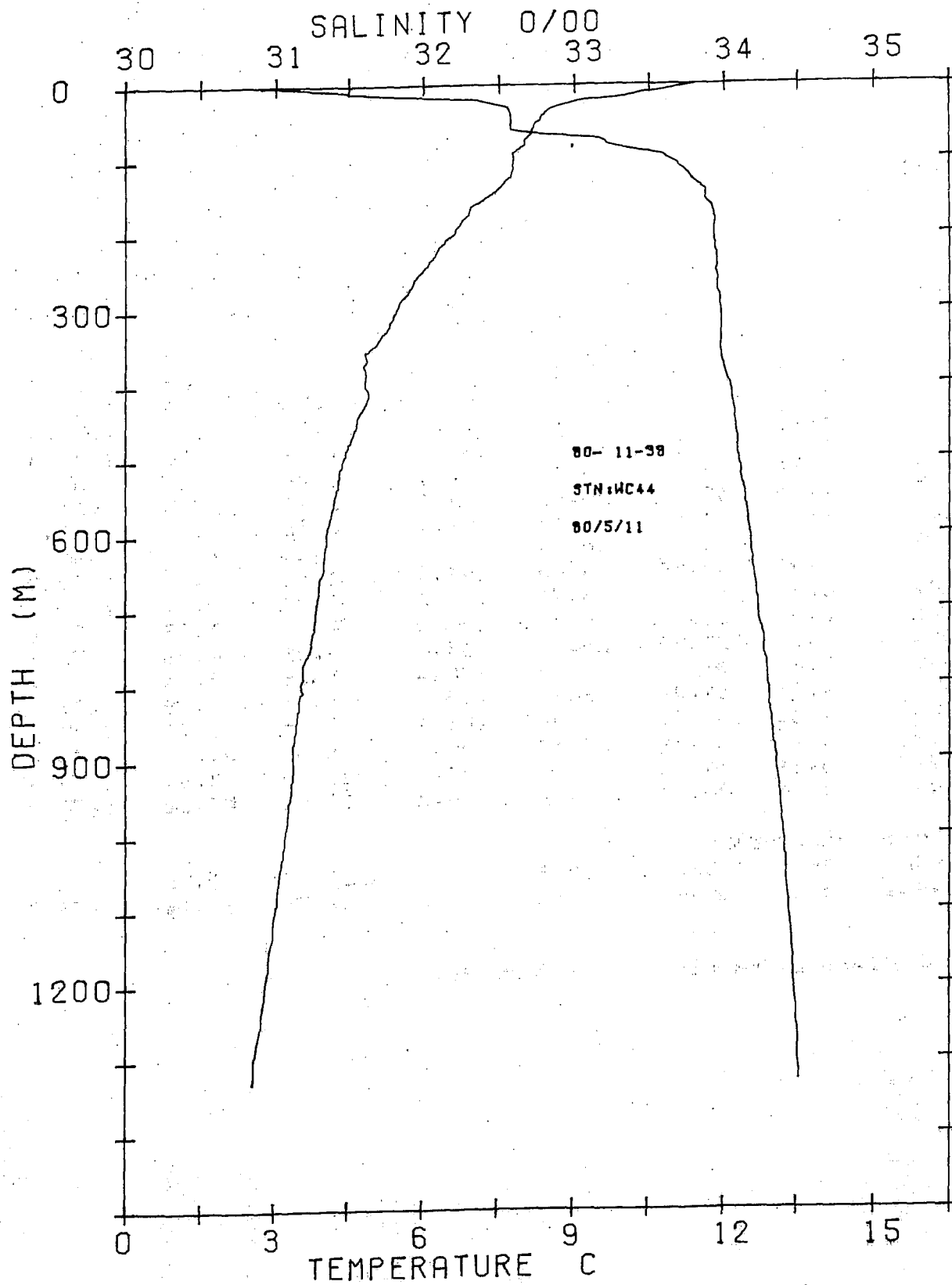
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.67	31.58	24.20	373.2	.00	.00	1488.4
10	10.38	31.65	24.31	363.0	.37	.02	1487.7
20	9.98	31.80	24.49	345.7	.72	.07	1486.5
30	9.14	32.12	24.86	310.1	1.05	.15	1484.0
50	8.20	33.10	25.78	223.6	1.58	.36	1482.0
75	7.67	33.67	26.30	174.1	2.06	.66	1481.2
100	7.53	33.78	26.41	164.0	2.48	1.03	1481.2
125	7.32	33.89	26.52	154.0	2.88	1.47	1480.9
150	7.02	33.94	26.61	145.9	3.25	1.99	1480.2
175	6.83	33.96	26.65	142.7	3.61	2.58	1479.9
200	6.52	33.97	26.70	138.2	3.97	3.24	1479.0
225	6.34	33.97	26.72	136.3	4.31	3.97	1478.8
250	6.12	33.98	26.76	133.0	4.65	4.76	1478.3
300	5.65	34.00	26.83	126.4	5.29	6.54	1477.2
400	4.73	34.04	26.97	113.7	6.50	10.76	1475.2
500	4.35	34.10	27.06	106.1	7.60	15.70	1475.3
600	4.00	34.19	27.17	96.0	8.61	21.22	1475.6
800	3.69	34.33	27.31	83.9	10.39	33.64	1477.8
1000	3.24	34.41	27.42	74.3	11.97	47.86	1479.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1044.0	3.17	34.43	27.44	72.3	12.29	51.16	1479.7

WIND MIXED LAYER DEPTH = 9.3 METRES

228



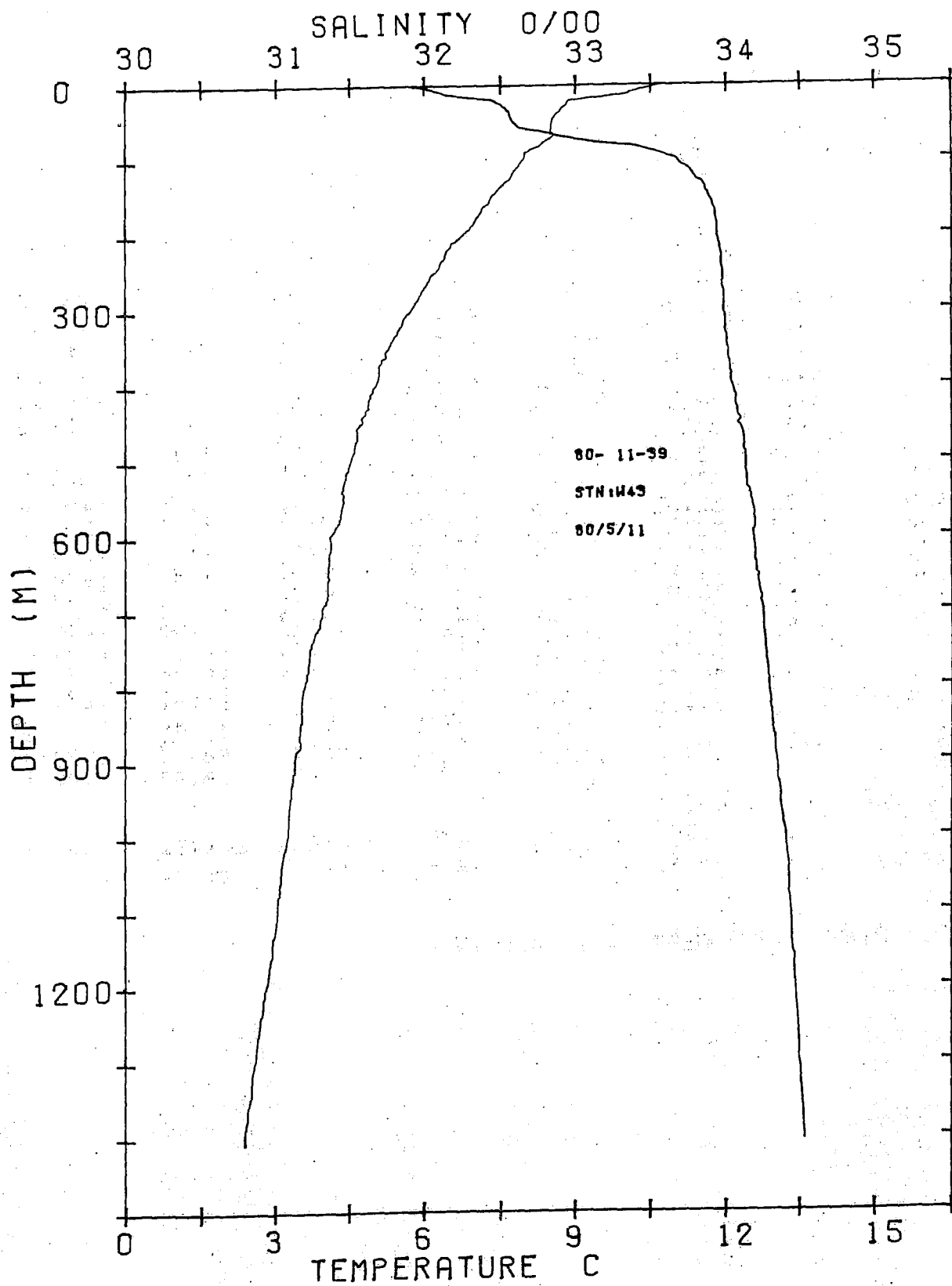
CRUISE : C.O.D.E. 80-11.
 STATION: WC44 CONS #038
 LAT N 49 51.5 LONG W 128 20.5
 DATE 80/05/11 TIME (PST) 2045

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.39	30.91	23.56	434.1	.00	.00	1490.2
10	10.48	31.50	24.17	376.3	.40	.02	1487.8
20	9.27	32.28	24.97	299.5	.74	.07	1484.5
30	8.52	32.56	25.31	267.9	1.02	.14	1482.2
50	8.24	32.58	25.36	262.8	1.55	.35	1481.5
75	8.02	33.19	25.88	214.6	2.18	.74	1481.8
100	7.81	33.62	26.25	179.9	2.67	1.17	1482.0
125	7.65	33.78	26.39	166.4	3.10	1.65	1482.0
150	7.25	33.87	26.52	154.3	3.50	2.20	1481.0
175	6.85	33.93	26.62	145.2	3.87	2.81	1479.9
200	6.57	33.93	26.66	141.9	4.23	3.48	1479.2
225	6.25	33.95	26.71	137.0	4.58	4.22	1478.4
250	5.95	33.94	26.75	133.9	4.92	5.02	1477.5
300	5.44	33.98	26.84	125.6	5.57	6.80	1476.4
400	4.85	34.03	26.95	115.4	6.77	11.01	1475.6
500	4.37	34.10	27.06	106.0	7.88	16.00	1475.4
600	4.05	34.17	27.15	97.8	8.90	21.61	1475.8
800	3.56	34.30	27.30	84.6	10.74	34.40	1477.2
1000	3.22	34.41	27.42	74.1	12.32	48.62	1479.1
1200	2.82	34.48	27.51	65.4	13.71	63.87	1480.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1331.0	2.56	34.52	27.57	60.5	14.53	74.25	1481.9

WIND MIXED LAYER DEPTH = 11.0 METRES



CRUISE : C.O.D.E. 80-11.

STATION: W43

CONS #039

LAT N 49 47.0

LONG W 128 28.5

DATE 80/05/11

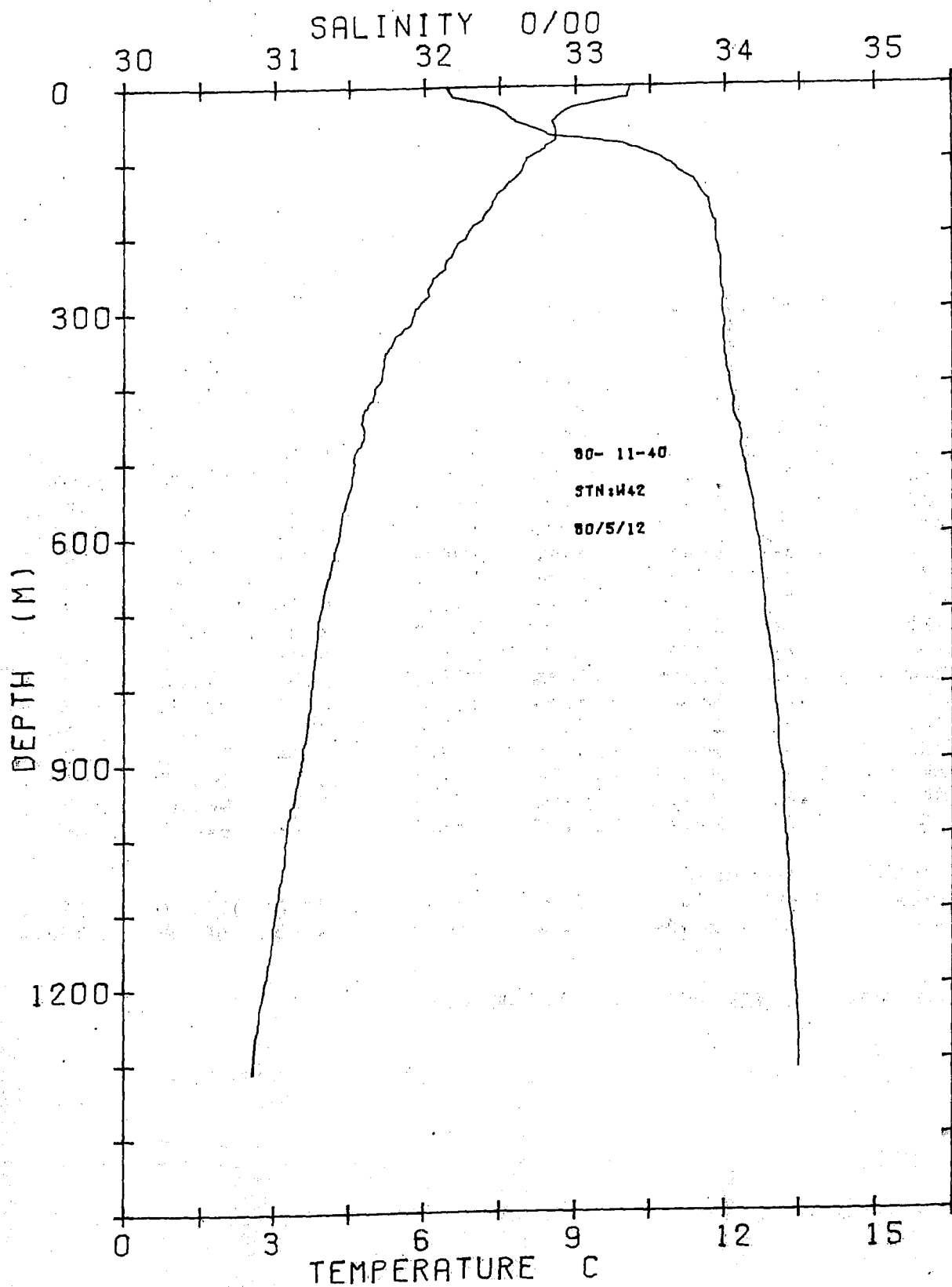
TIME (PST) 2258

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.73	31.93	24.46	347.8	.00	.00	1489.1
10	10.14	32.10	24.69	326.0	.34	.02	1487.3
20	9.04	32.41	25.11	286.9	.65	.06	1483.8
30	8.72	32.53	25.25	273.0	.93	.13	1482.9
50	8.53	32.59	25.33	266.4	1.46	.35	1482.6
75	8.38	33.09	25.74	227.2	2.10	.74	1483.1
100	7.95	33.66	26.25	179.2	2.59	1.17	1482.6
125	7.67	33.80	26.40	165.2	3.02	1.65	1482.1
150	7.32	33.89	26.52	154.4	3.42	2.20	1481.3
175	7.06	33.93	26.59	148.0	3.80	2.81	1480.7
200	6.75	33.94	26.64	143.5	4.16	3.50	1479.9
225	6.44	33.97	26.70	137.8	4.51	4.24	1479.1
250	6.20	33.98	26.75	134.1	4.85	5.05	1478.6
300	5.73	33.99	26.81	128.1	5.51	6.85	1477.5
400	5.01	34.05	26.94	116.4	6.72	11.10	1476.3
500	4.53	34.13	27.06	105.6	7.83	16.05	1476.1
600	4.09	34.18	27.15	97.7	8.84	21.61	1475.9
800	3.58	34.30	27.30	84.8	10.67	34.37	1477.2
1000	3.25	34.41	27.42	74.4	12.26	48.69	1479.3
1200	2.80	34.48	27.51	65.7	13.66	64.07	1480.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1406.0	2.37	34.54	27.60	57.3	14.93	80.54	1482.4

WIND MIXED LAYER DEPTH = 7.1 METRES



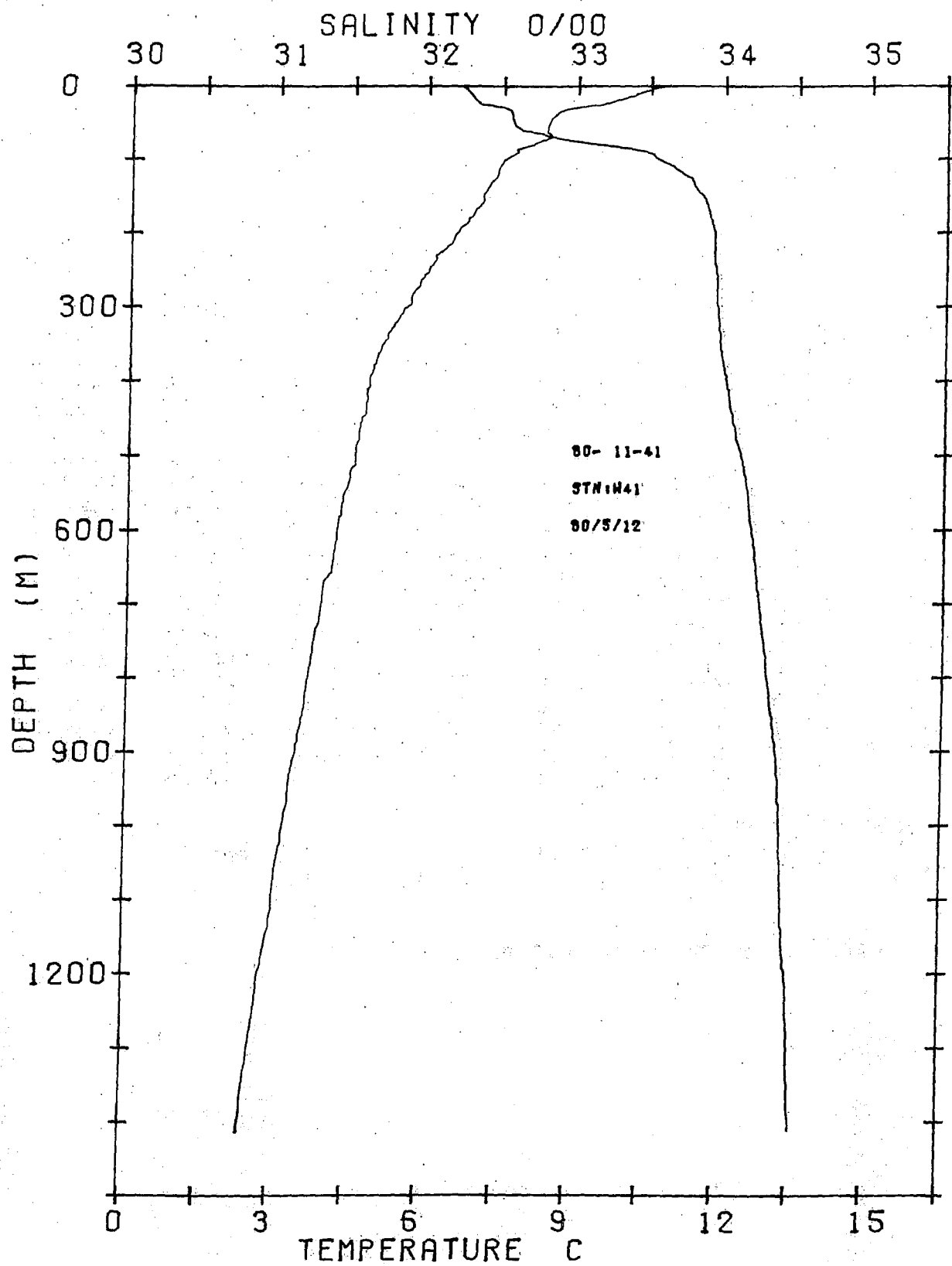
CRUISE : C.O.D.E. 80-11.
 STATION: W42 CONS #040
 LAT N 49 42.0 LONG W 128 36.5
 DATE 80/05/12 TIME (PST) 0040

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.10	32.15	24.74	321.7	.00	.00	1487.1
10	10.06	32.18	24.76	319.3	.32	.02	1487.2
20	9.50	32.33	24.98	299.2	.63	.06	1485.4
30	8.86	32.49	25.20	278.0	.92	.13	1483.4
50	8.56	32.64	25.36	263.2	1.46	.35	1482.8
75	8.51	33.22	25.82	219.5	2.08	.73	1483.8
100	8.01	33.59	26.19	185.1	2.58	1.17	1482.7
125	7.75	33.77	26.37	168.5	3.02	1.67	1482.4
150	7.39	33.87	26.50	156.7	3.43	2.22	1481.5
175	7.18	33.91	26.56	150.8	3.81	2.85	1481.2
200	6.84	33.94	26.63	144.7	4.18	3.54	1480.3
225	6.55	33.96	26.69	139.7	4.53	4.29	1479.6
250	6.26	33.97	26.73	135.6	4.88	5.11	1478.8
300	5.80	33.98	26.80	129.5	5.54	6.93	1477.8
400	5.04	34.03	26.93	117.9	6.77	11.23	1476.4
500	4.60	34.12	27.05	107.2	7.89	16.25	1476.4
600	4.28	34.21	27.16	97.5	8.91	21.85	1476.8
800	3.74	34.33	27.31	84.2	10.71	34.40	1478.0
1000	3.25	34.41	27.42	74.4	12.29	48.61	1479.3
1200	2.80	34.48	27.51	65.4	13.69	63.97	1480.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1313.0	2.54	34.50	27.55	61.7	14.40	72.91	1481.5

WIND MIXED LAYER DEPTH = 14.7 METRES



CRUISE : C.O.D.E. 80-11.

STATION: W41 CONS #041

LAT N 49 36.5 LONG W 128 44.5

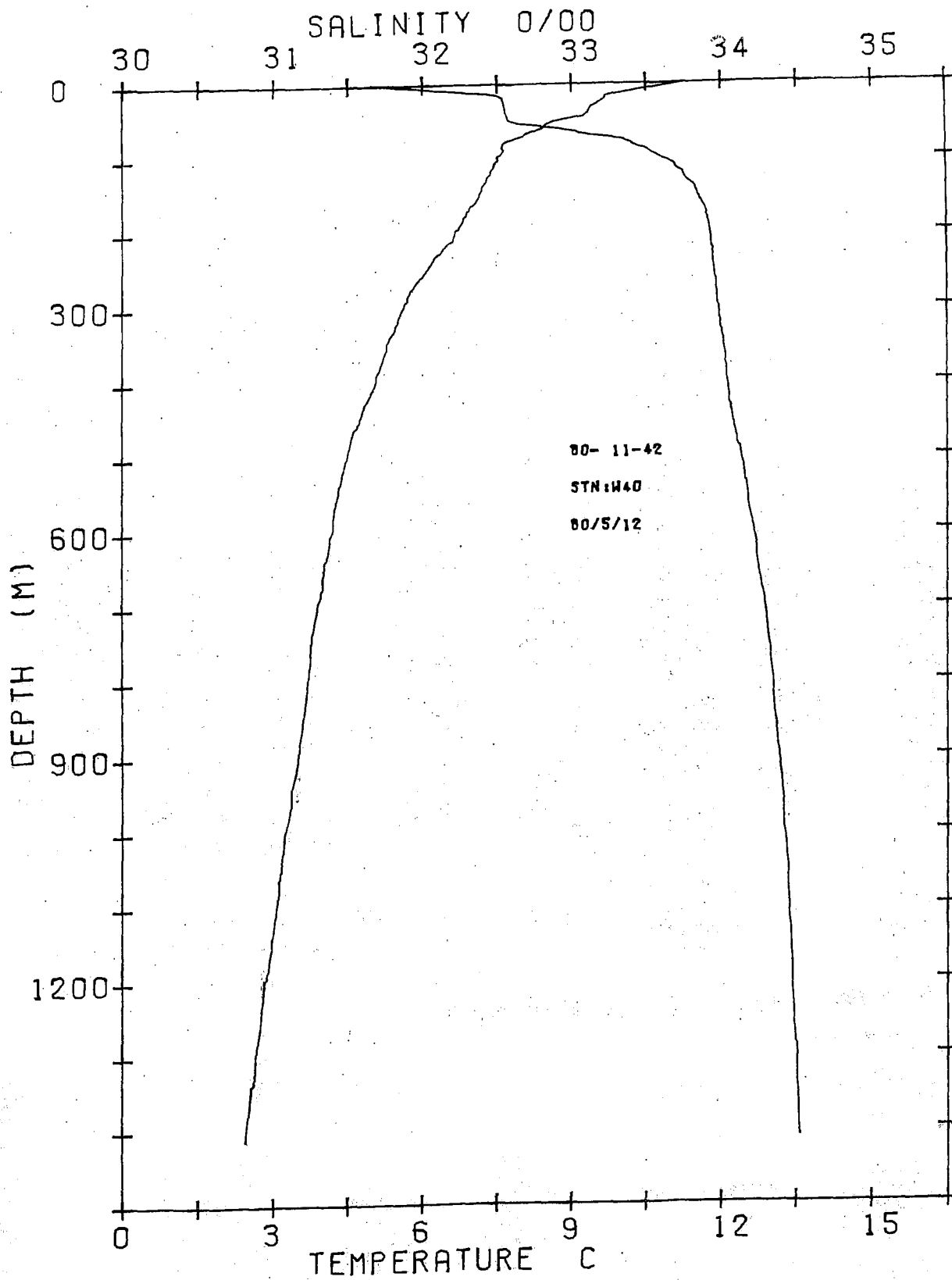
DATE 80/05/12 TIME (PST) 0245

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.76	32.23	24.69	326.0	.00	.00	1489.6
10	10.25	32.28	24.81	315.0	.32	.02	1488.0
20	9.77	32.32	24.93	304.1	.63	.06	1486.4
30	8.86	32.51	25.22	276.6	.92	.14	1483.4
50	8.43	32.57	25.33	266.5	1.46	.35	1482.2
75	8.19	32.97	25.68	233.4	2.10	.75	1482.2
100	7.52	33.54	26.22	182.1	2.61	1.19	1480.8
125	7.36	33.77	26.42	163.2	3.04	1.67	1480.9
150	7.12	33.86	26.53	153.9	3.44	2.22	1480.5
175	6.93	33.91	26.59	147.7	3.82	2.83	1480.2
200	6.60	33.94	26.66	141.6	4.18	3.51	1479.3
225	6.30	33.94	26.70	138.0	4.53	4.25	1478.5
250	6.04	33.95	26.74	134.2	4.87	5.06	1477.9
300	5.60	33.97	26.81	128.4	5.52	6.86	1477.0
400	4.87	34.03	26.95	115.7	6.74	11.11	1475.7
500	4.59	34.14	27.06	105.5	7.85	16.09	1476.3
600	4.24	34.22	27.16	96.7	8.86	21.63	1476.6
800	3.69	34.34	27.32	83.2	10.65	34.13	1477.8
1000	3.25	34.43	27.44	72.6	12.19	47.99	1479.3
1200	2.78	34.49	27.52	64.5	13.58	63.17	1480.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1412.0	2.40	34.53	27.59	58.4	14.88	80.16	1482.6

WIND MIXED LAYER DEPTH = 10.0 METRES

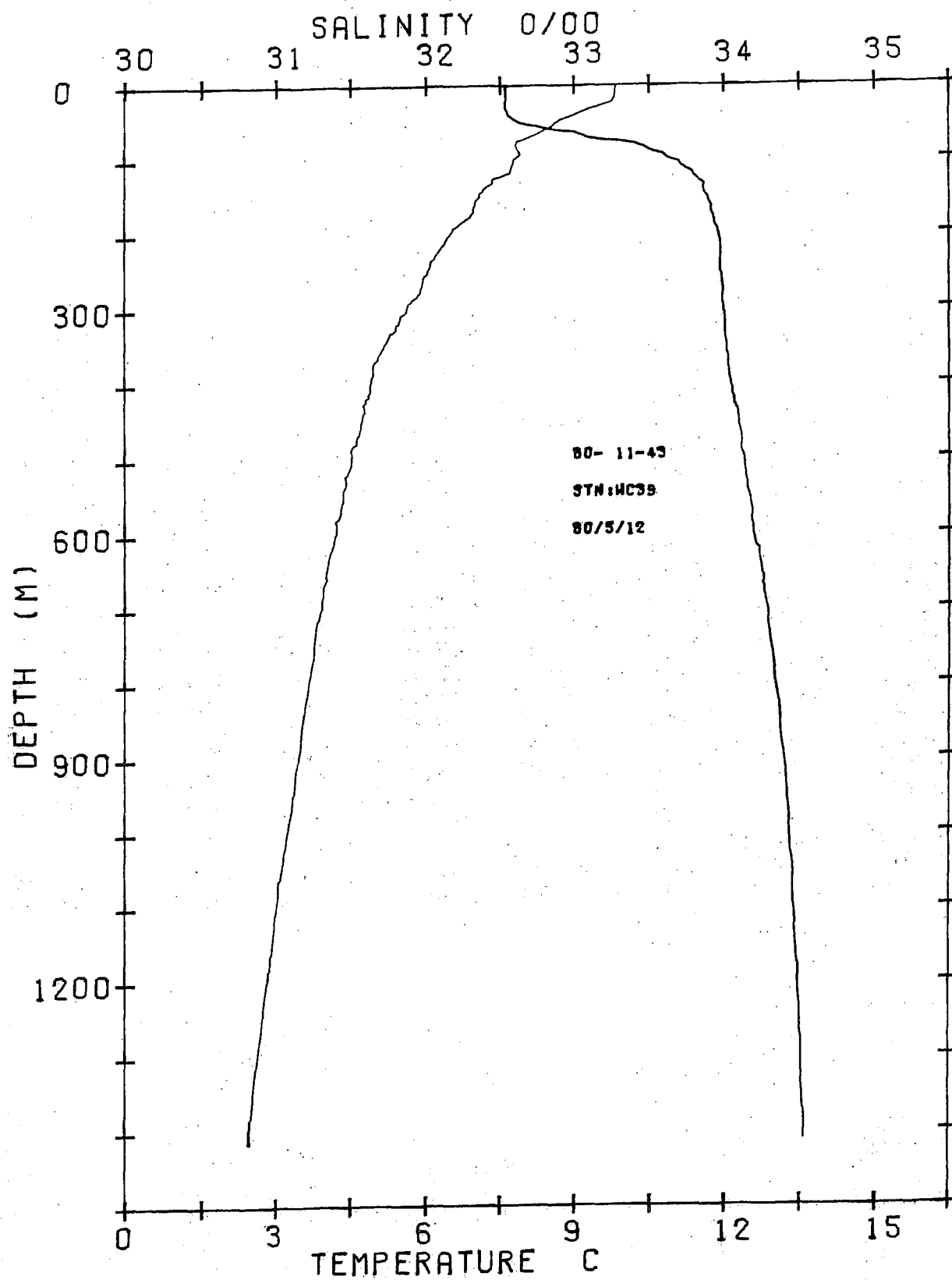


CRUISE : C.O.D.E. 80-11.
 STATION: W40 CONS #042
 LAT N 49 31.5 LONG W 128 52.5
 DATE 80/05/12 TIME (PST) 0344

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.31	31.66	24.16	377.1	.00	.00	1490.9
10	10.36	32.15	24.70	325.9	.34	.02	1488.2
20	9.68	32.54	25.11	286.6	.65	.06	1486.4
30	9.47	32.55	25.15	282.7	.94	.13	1485.8
50	8.75	32.58	25.29	270.2	1.50	.35	1483.4
75	7.78	33.32	26.01	201.6	2.09	.72	1481.1
100	7.51	33.60	26.27	177.4	2.56	1.13	1480.8
125	7.30	33.76	26.43	163.1	2.99	1.61	1480.6
150	7.13	33.85	26.52	154.5	3.38	2.15	1480.5
175	6.87	33.91	26.60	146.9	3.76	2.77	1480.0
200	6.64	33.93	26.65	142.7	4.12	3.45	1479.5
225	6.38	33.95	26.70	138.6	4.47	4.19	1478.9
250	6.07	33.96	26.75	134.1	4.81	5.00	1478.1
300	5.59	33.98	26.82	126.9	5.47	6.79	1477.0
400	5.05	34.04	26.94	117.1	6.68	11.03	1476.5
500	4.46	34.14	27.08	104.4	7.79	16.01	1475.8
600	4.18	34.22	27.17	95.8	8.79	21.50	1476.4
800	3.69	34.35	27.32	82.5	10.56	33.86	1477.8
1000	3.23	34.42	27.43	73.2	12.12	47.86	1479.2
1200	2.82	34.48	27.51	65.6	13.51	63.09	1480.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1412.0	2.44	34.53	27.58	58.9	14.83	80.33	1482.8



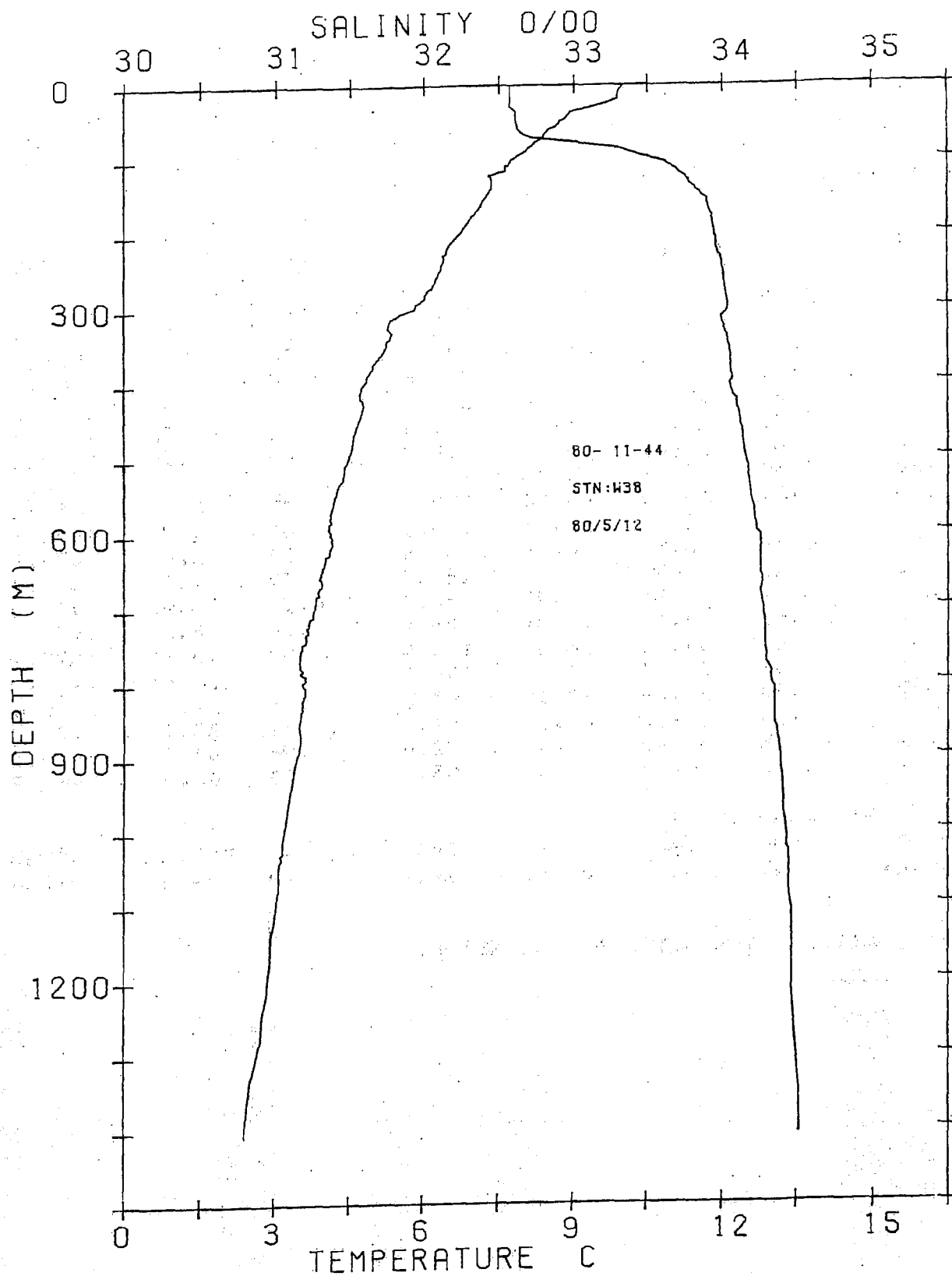
CRUISE : C.O.D.E. 80-11.
 STATION: WC39 CONS #043
 LAT N 49 25.0 LONG W 128 44.5
 DATE 80/05/12 TIME (PST) 1000

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.84	32.54	25.08	288.6	.00	.00	1486.6
10	9.81	32.54	25.09	288.4	.29	.02	1486.7
20	9.77	32.54	25.10	287.9	.58	.06	1486.7
30	9.41	32.54	25.15	282.6	.86	.13	1485.5
50	8.65	32.63	25.34	264.9	1.41	.35	1483.1
75	7.91	33.21	25.91	211.7	2.01	.72	1481.4
100	7.80	33.62	26.25	179.7	2.49	1.14	1482.0
125	7.36	33.82	26.46	159.5	2.91	1.61	1480.9
150	7.07	33.89	26.56	150.7	3.30	2.15	1480.3
175	6.91	33.93	26.61	146.1	3.67	2.75	1480.1
200	6.48	33.97	26.70	137.9	4.03	3.41	1478.9
225	6.22	33.98	26.74	134.0	4.37	4.13	1478.3
250	6.04	33.98	26.77	132.0	4.70	4.92	1477.9
300	5.61	34.00	26.84	125.9	5.34	6.69	1477.1
400	4.90	34.05	26.96	114.9	6.54	10.88	1475.9
500	4.54	34.13	27.07	105.3	7.64	15.81	1476.1
600	4.20	34.20	27.15	97.6	8.65	21.35	1476.4
800	3.68	34.35	27.32	82.5	10.42	33.73	1477.7
1000	3.25	34.43	27.44	72.6	11.96	47.57	1479.3
1200	2.82	34.49	27.52	65.0	13.33	62.60	1480.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1412.0	2.44	34.53	27.58	58.9	14.64	79.65	1482.8

WIND MIXED LAYER DEPTH = 17.6 METRES



CRUISE : C.O.D.E. 80-11.
 STATION: W38 CONS #044
 LAT N 49 18.5 LONG W 128 36.5
 DATE 80/05/12 TIME (PST) 1200

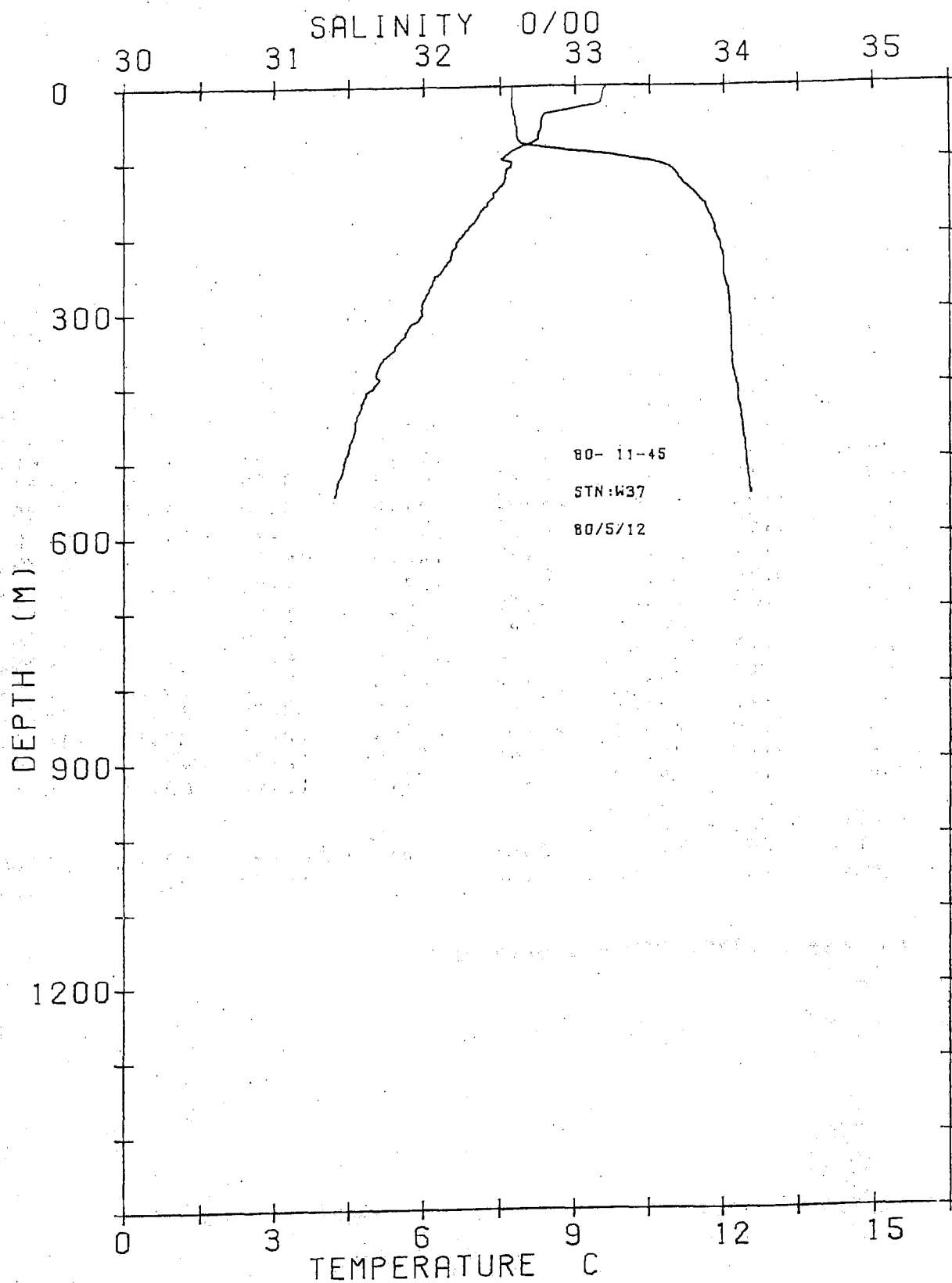
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.98	32.57	25.08	288.7	.00	.00	1487.2
10	9.91	32.57	25.10	287.7	.29	.01	1487.1
20	9.83	32.57	25.11	286.6	.58	.06	1487.0
30	9.33	32.57	25.19	279.1	.86	.13	1485.3
50	8.73	32.61	25.31	267.6	1.40	.34	1483.4
75	8.32	32.81	25.53	247.2	2.05	.75	1482.5
100	7.79	33.52	26.17	187.2	2.58	1.21	1481.8
125	7.34	33.75	26.41	164.3	3.02	1.70	1480.8
150	7.23	33.87	26.52	154.4	3.42	2.25	1480.9
175	6.98	33.92	26.60	147.3	3.79	2.86	1480.4
200	6.72	33.95	26.65	142.3	4.16	3.54	1479.8
225	6.45	33.97	26.70	137.8	4.51	4.28	1479.2
250	6.33	34.00	26.75	134.0	4.84	5.09	1479.2
300	5.83	34.04	26.84	125.6	5.49	6.87	1478.0
400	4.77	34.06	26.98	112.5	6.68	11.01	1475.4
500	4.47	34.15	27.09	103.4	7.76	15.86	1475.8
600	4.12	34.23	27.19	94.4	8.74	21.25	1476.1
800	3.59	34.33	27.32	82.4	10.50	33.53	1477.3
1000	3.22	34.43	27.44	72.2	12.04	47.39	1479.2
1200	2.87	34.47	27.50	67.0	13.42	62.55	1481.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1409.0	2.40	34.52	27.58	59.1	14.73	79.58	1482.5

WIND MIXED LAYER DEPTH = 20.4 METRES

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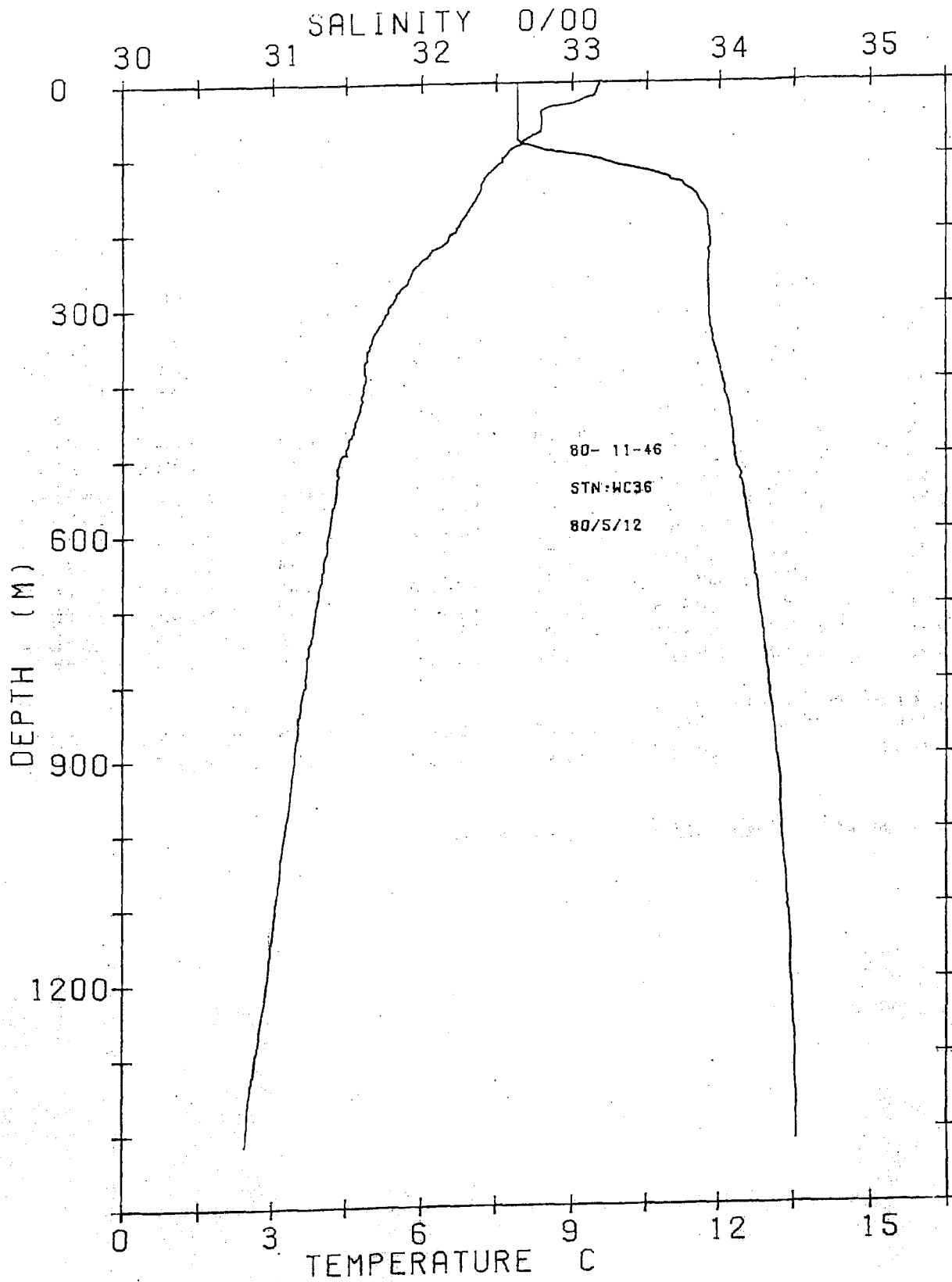
CRUISE : C.O.D.E. 80-11.
 STATION: W37 CONS #045
 LAT N 49 12.5 LONG W 128 29.0
 DATE 80/05/12 TIME (PST) 1425

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.61	32.58	25.15	282.2	.00	.00	1485.9
10	9.54	32.58	25.16	281.3	.28	.01	1485.8
20	9.52	32.58	25.17	281.2	.56	.06	1485.9
30	9.05	32.58	25.24	273.9	.84	.13	1484.3
50	8.30	32.60	25.37	262.2	1.37	.34	1481.8
75	8.19	32.63	25.41	258.8	2.02	.75	1481.8
100	7.61	33.45	26.14	189.7	2.59	1.24	1481.1
125	7.57	33.71	26.35	170.5	3.03	1.73	1481.6
150	7.31	33.84	26.49	157.7	3.44	2.30	1481.2
175	7.05	33.91	26.58	149.1	3.83	2.92	1480.6
200	6.73	33.95	26.66	142.2	4.19	3.60	1479.9
225	6.53	33.99	26.71	137.1	4.54	4.34	1479.5
250	6.27	34.00	26.75	133.5	4.88	5.14	1478.9
300	5.94	34.04	26.83	126.9	5.52	6.92	1478.4
400	4.99	34.09	26.98	112.6	6.72	11.10	1476.3
500	4.40	34.16	27.10	101.8	7.79	15.89	1475.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
546.0	4.20	34.19	27.15	97.8	8.25	18.29	1475.5

WIND MIXED LAYER DEPTH = 22.9 METRES



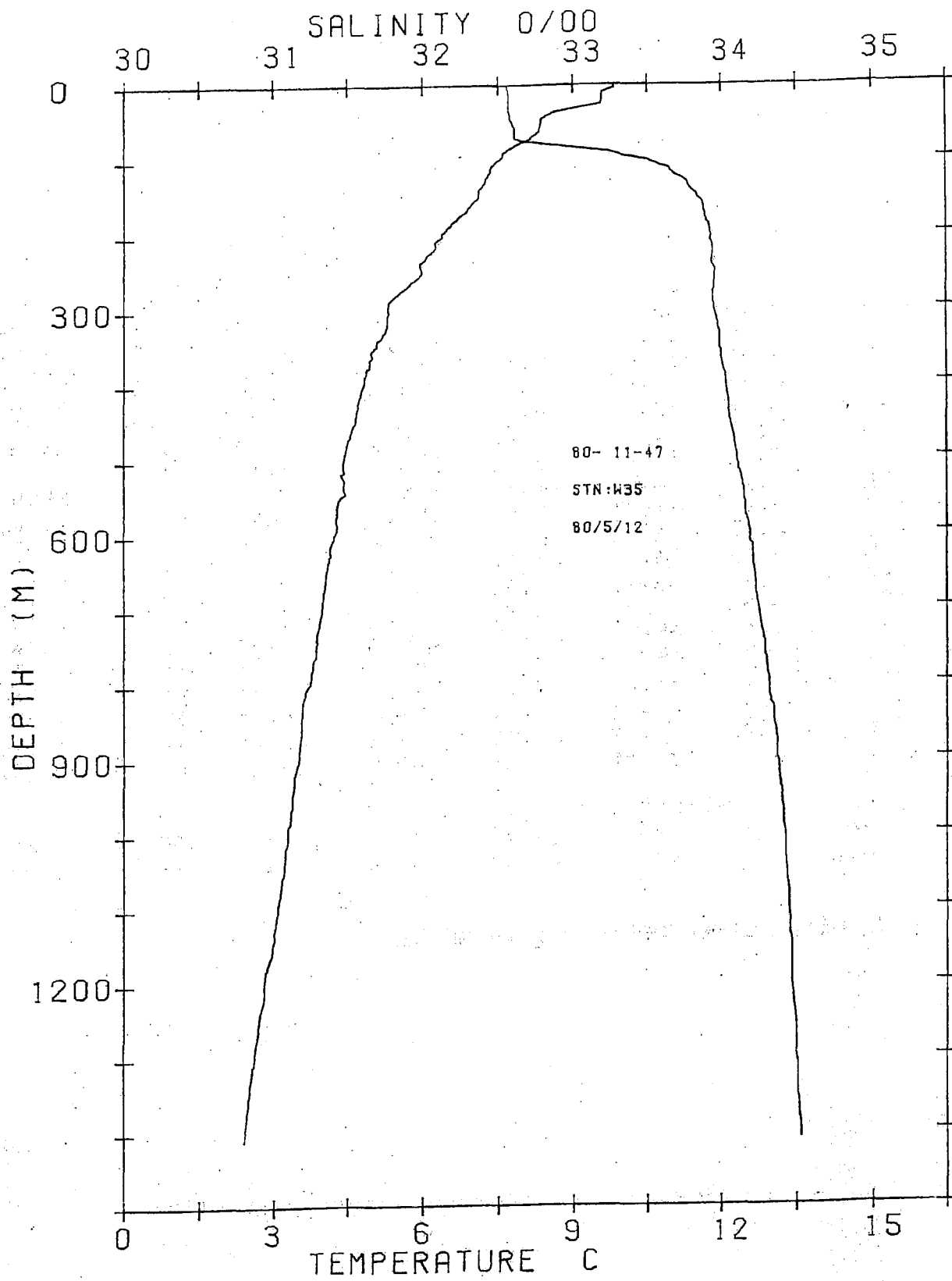
CRUISE : C.O.D.E. 80-11.
 STATION: WC36 CONS #046
 LAT N 49 06.5 LONG W 128 21.0
 DATE 80/05/12 TIME (PST) 1620

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.55	32.64	25.21	276.7	.00	.00	1485.7
10	9.49	32.64	25.22	276.0	.28	.02	1485.6
20	9.36	32.64	25.24	274.2	.55	.06	1485.3
30	8.91	32.64	25.31	267.7	.82	.12	1483.8
50	8.39	32.64	25.39	260.3	1.35	.34	1482.1
75	8.14	32.64	25.43	257.3	2.00	.74	1481.6
100	7.66	33.06	25.82	220.1	2.60	1.27	1480.7
125	7.30	33.59	26.29	175.8	3.10	1.82	1480.4
150	7.14	33.82	26.50	156.5	3.51	2.39	1480.5
175	6.90	33.91	26.60	147.2	3.89	3.00	1480.1
200	6.62	33.93	26.65	142.6	4.25	3.68	1479.4
225	6.18	33.93	26.71	137.3	4.60	4.43	1478.1
250	5.82	33.92	26.75	133.8	4.94	5.23	1477.0
300	5.35	33.93	26.81	128.0	5.60	7.03	1475.9
400	4.86	34.03	26.95	116.0	6.81	11.28	1475.7
500	4.39	34.11	27.06	105.4	7.92	16.26	1475.4
600	4.17	34.20	27.16	97.0	8.93	21.81	1476.3
800	3.69	34.33	27.31	83.8	10.73	34.33	1477.7
1000	3.25	34.42	27.42	73.6	12.29	48.34	1479.3
1200	2.89	34.48	27.51	66.2	13.68	63.59	1481.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1416.0	2.44	34.52	27.58	59.6	15.02	81.14	1482.8

WIND MIXED LAYER DEPTH = 18.9 METRES



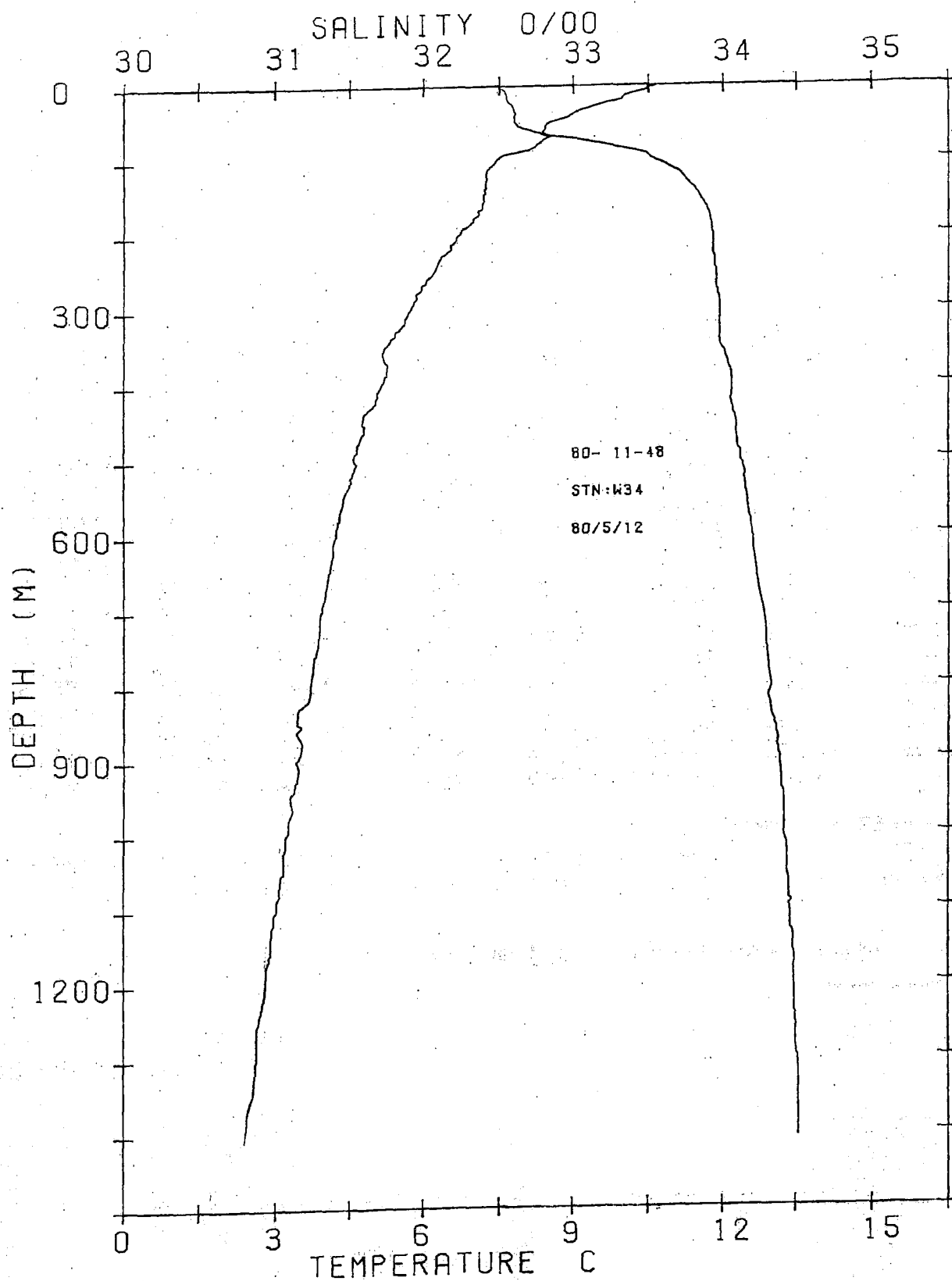
CRUISE : C.O.D.E. 80-11.
 STATION: W35 CONS #047
 LAT N 49 12.0 LONG W 128 12.5
 DATE 80/05/12 TIME (PST) 1805

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.83	32.56	25.10	287.0	.00	.00	1486.7
10	9.63	32.57	25.14	283.4	.29	.01	1486.1
20	9.59	32.57	25.15	283.0	.57	.06	1486.1
30	9.26	32.57	25.20	278.0	.85	.13	1485.0
50	8.37	32.59	25.35	264.0	1.39	.34	1482.0
75	8.05	32.65	25.45	254.9	2.04	.75	1481.3
100	7.50	33.46	26.16	187.5	2.59	1.22	1480.6
125	7.27	33.72	26.40	165.7	3.02	1.71	1480.5
150	7.12	33.84	26.51	155.3	3.42	2.26	1480.4
175	6.75	33.89	26.60	147.0	3.80	2.87	1479.4
200	6.40	33.93	26.68	140.0	4.16	3.54	1478.5
225	6.11	33.94	26.73	135.6	4.50	4.28	1477.8
250	5.99	33.96	26.75	133.1	4.84	5.08	1477.7
300	5.33	33.95	26.83	126.2	5.49	6.85	1475.8
400	4.83	34.03	26.95	115.3	6.69	11.07	1475.5
500	4.43	34.11	27.06	106.0	7.80	16.05	1475.6
600	4.25	34.20	27.15	98.1	8.82	21.65	1476.6
800	3.75	34.33	27.30	84.4	10.65	34.39	1478.0
1000	3.30	34.43	27.43	73.7	12.21	48.46	1479.5
1200	2.82	34.47	27.50	66.4	13.62	63.85	1480.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1411.0	2.41	34.53	27.59	58.5	14.93	80.91	1482.6

WIND MIXED LAYER DEPTH = 24.3 METRES



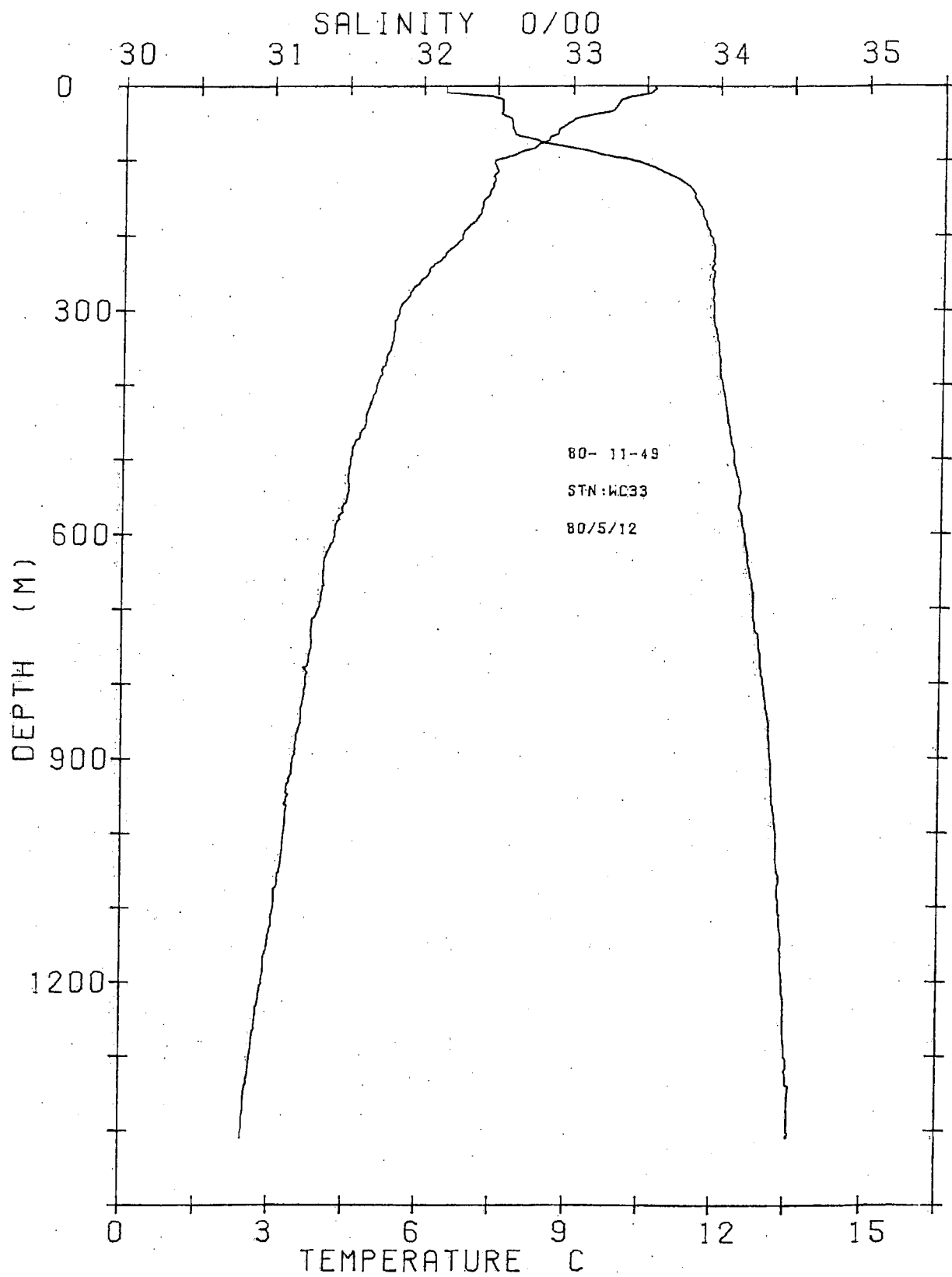
CRUISE : C.O.D.E. 80-11.
 STATION: W34 CONS #048
 LAT N 49 18.0 LONG W 128 04.0
 DATE 80/05/12 TIME (PST) 1930

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.66	32.50	24.91	304.8	.00	.00	1489.6
10	10.22	32.54	25.02	294.7	.30	.02	1488.2
20	9.85	32.55	25.09	288.2	.59	.06	1487.0
30	9.32	32.59	25.21	277.1	.87	.13	1485.3
50	8.51	32.60	25.34	264.9	1.42	.35	1482.6
75	8.37	33.08	25.74	227.6	2.05	.74	1483.1
100	7.45	33.54	26.23	181.2	2.55	1.18	1480.5
125	7.25	33.74	26.42	163.6	2.98	1.66	1480.4
150	7.19	33.85	26.51	155.4	3.38	2.20	1480.7
175	7.06	33.91	26.58	149.2	3.76	2.82	1480.7
200	6.69	33.93	26.65	143.1	4.12	3.51	1479.7
225	6.42	33.94	26.69	139.6	4.48	4.26	1479.0
250	6.20	33.96	26.73	135.6	4.82	5.07	1478.6
300	5.73	33.98	26.81	128.8	5.48	6.89	1477.5
400	5.14	34.06	26.94	116.9	6.71	11.17	1476.9
500	4.60	34.12	27.05	107.2	7.83	16.21	1476.4
600	4.20	34.20	27.15	97.6	8.85	21.82	1476.4
800	3.72	34.33	27.31	84.0	10.66	34.43	1477.9
1000	3.23	34.42	27.43	73.4	12.22	48.45	1479.2
1200	2.80	34.49	27.52	65.0	13.60	63.56	1480.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1408.0	2.41	34.52	27.58	59.3	14.88	80.28	1482.6

WIND MIXED LAYER DEPTH = 4.2 METRES



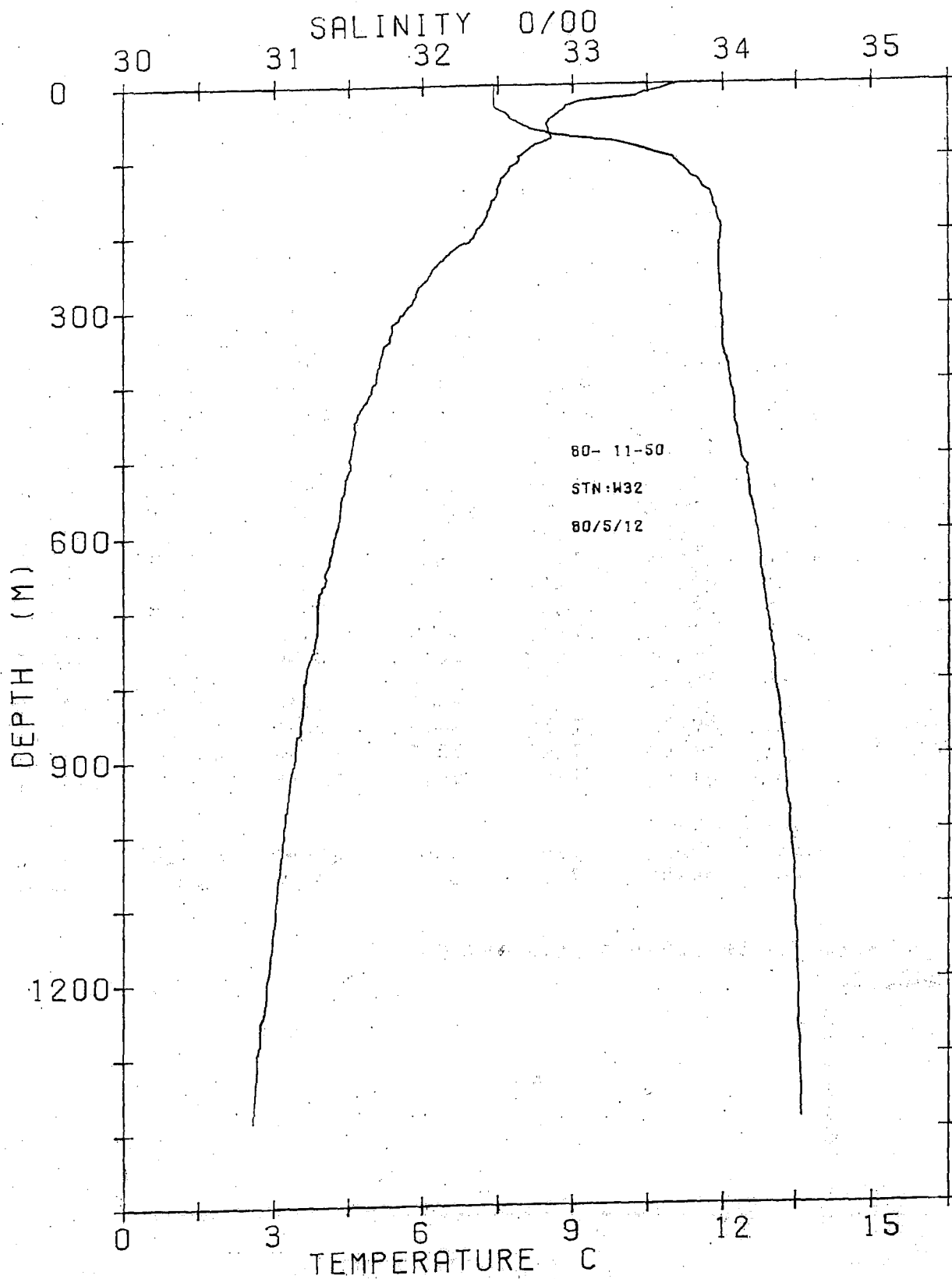
CRUISE : C.O.D.E. 80-11.
 STATION: WC33 CONS #049
 LAT N 49 23.5 LONG W 127 55.0
 DATE 80/05/12 TIME (PST) 2125

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.64	32.15	24.65	330.3	.00	.00	1489.1
10	10.58	32.15	24.66	329.6	.33	.02	1489.0
20	9.99	32.53	25.05	292.1	.63	.06	1487.5
30	9.88	32.53	25.07	290.6	.93	.13	1487.3
50	8.93	32.60	25.28	271.3	1.49	.36	1484.2
75	8.49	32.78	25.48	251.9	2.15	.77	1483.1
100	7.43	33.40	26.12	191.3	2.71	1.26	1480.3
125	7.46	33.73	26.38	167.5	3.16	1.76	1481.2
150	7.30	33.83	26.48	158.0	3.57	2.32	1481.1
175	7.14	33.89	26.55	151.8	3.95	2.95	1481.0
200	6.82	33.94	26.63	144.4	4.32	3.64	1480.2
225	6.46	33.97	26.70	137.9	4.67	4.38	1479.2
250	6.15	33.97	26.75	134.1	5.01	5.19	1478.4
300	5.55	33.97	26.82	127.4	5.67	6.99	1476.8
400	5.11	34.04	26.93	118.2	6.90	11.29	1476.7
500	4.59	34.12	27.05	107.0	8.03	16.35	1476.3
600	4.28	34.20	27.14	98.7	9.06	22.02	1476.8
800	3.72	34.33	27.31	84.2	10.87	34.68	1477.9
1000	3.31	34.43	27.43	73.7	12.44	48.76	1479.6
1200	2.88	34.48	27.51	66.3	13.85	64.18	1481.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1410.0	2.46	34.52	27.57	59.8	15.16	81.28	1482.8

WIND MIXED LAYER DEPTH = 5.2 METRES



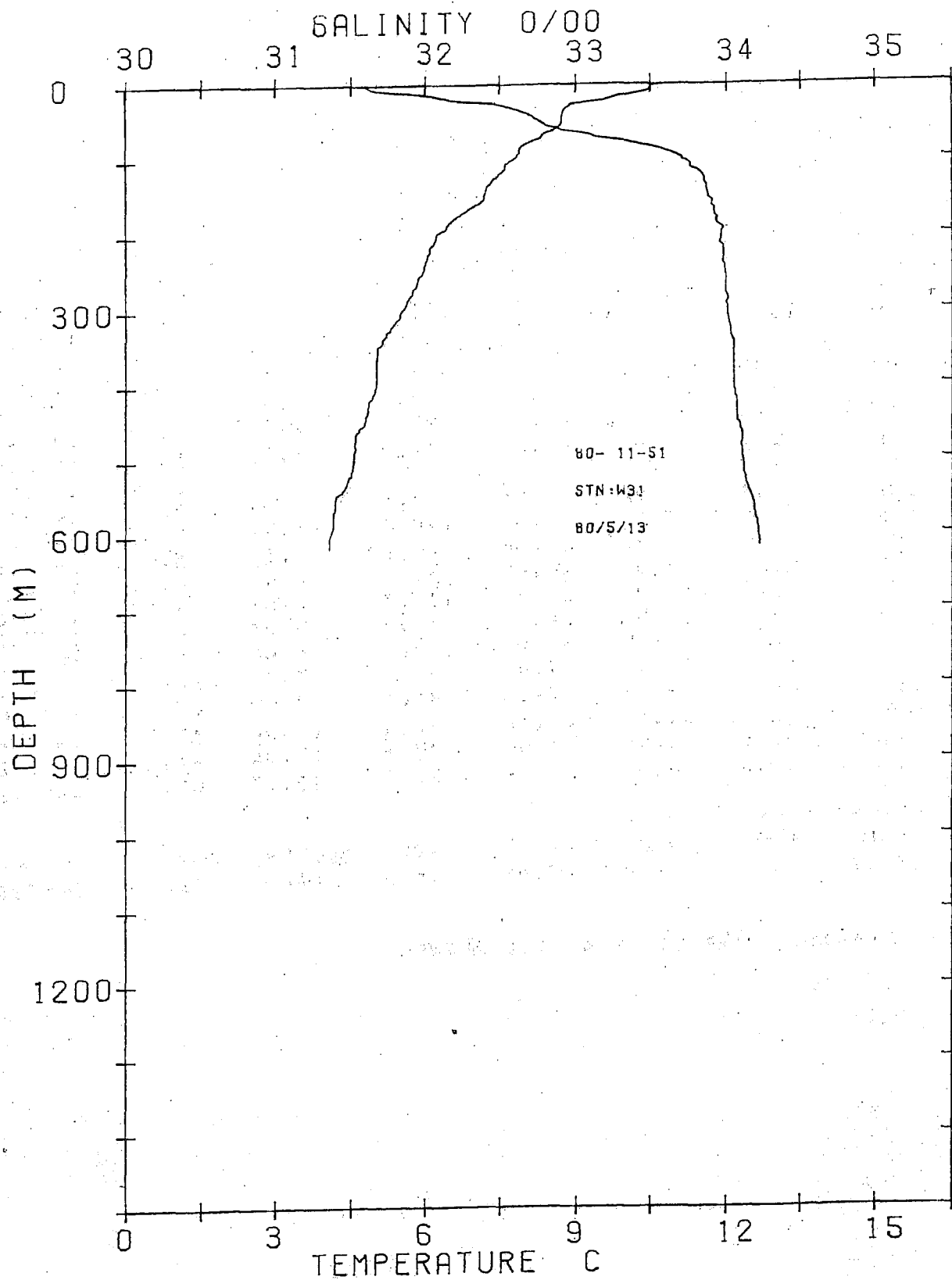
CRUISE : C.O.D.E. 80-11.
 STATION: W32 CONS #050
 LAT N 49 29.0 LONG W 127 46.5
 DATE 80/05/12 TIME (PST) 2322

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.04	32.47	24.83	313.2	.00	.00	1490.9
10	10.44	32.47	24.93	303.6	.31	.02	1488.9
20	9.50	32.47	25.08	289.2	.61	.06	1485.6
30	8.85	32.48	25.19	278.9	.89	.13	1483.4
50	8.48	32.62	25.36	263.5	1.43	.35	1482.5
75	8.48	33.17	25.79	222.9	2.06	.73	1483.6
100	7.91	33.66	26.26	178.9	2.55	1.16	1482.5
125	7.56	33.80	26.42	163.7	2.98	1.64	1481.7
150	7.47	33.92	26.52	154.1	3.37	2.19	1481.9
175	7.28	33.96	26.58	148.8	3.75	2.80	1481.6
200	7.04	33.98	26.64	144.1	4.12	3.49	1481.1
225	6.55	33.97	26.69	139.0	4.47	4.24	1479.6
250	6.19	33.97	26.74	134.7	4.81	5.05	1478.6
300	5.67	33.99	26.82	127.3	5.47	6.85	1477.3
400	4.98	34.05	26.95	115.8	6.68	11.09	1476.2
500	4.51	34.12	27.06	105.9	7.79	16.05	1476.0
600	4.23	34.23	27.18	95.4	8.79	21.56	1476.6
800	3.60	34.36	27.34	80.6	10.54	33.79	1477.4
1000	3.21	34.46	27.46	70.3	12.04	47.24	1479.2
1200	2.86	34.52	27.54	63.2	13.37	61.84	1481.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1386.0	2.58	34.54	27.58	59.6	14.51	76.57	1483.0

WIND MIXED LAYER DEPTH = 7.1 METRES



CRUISE : C.O.D.E. 80-11.

STATION: W31 CONS #051

LAT N 49 34.5 LONG W 127 38.0

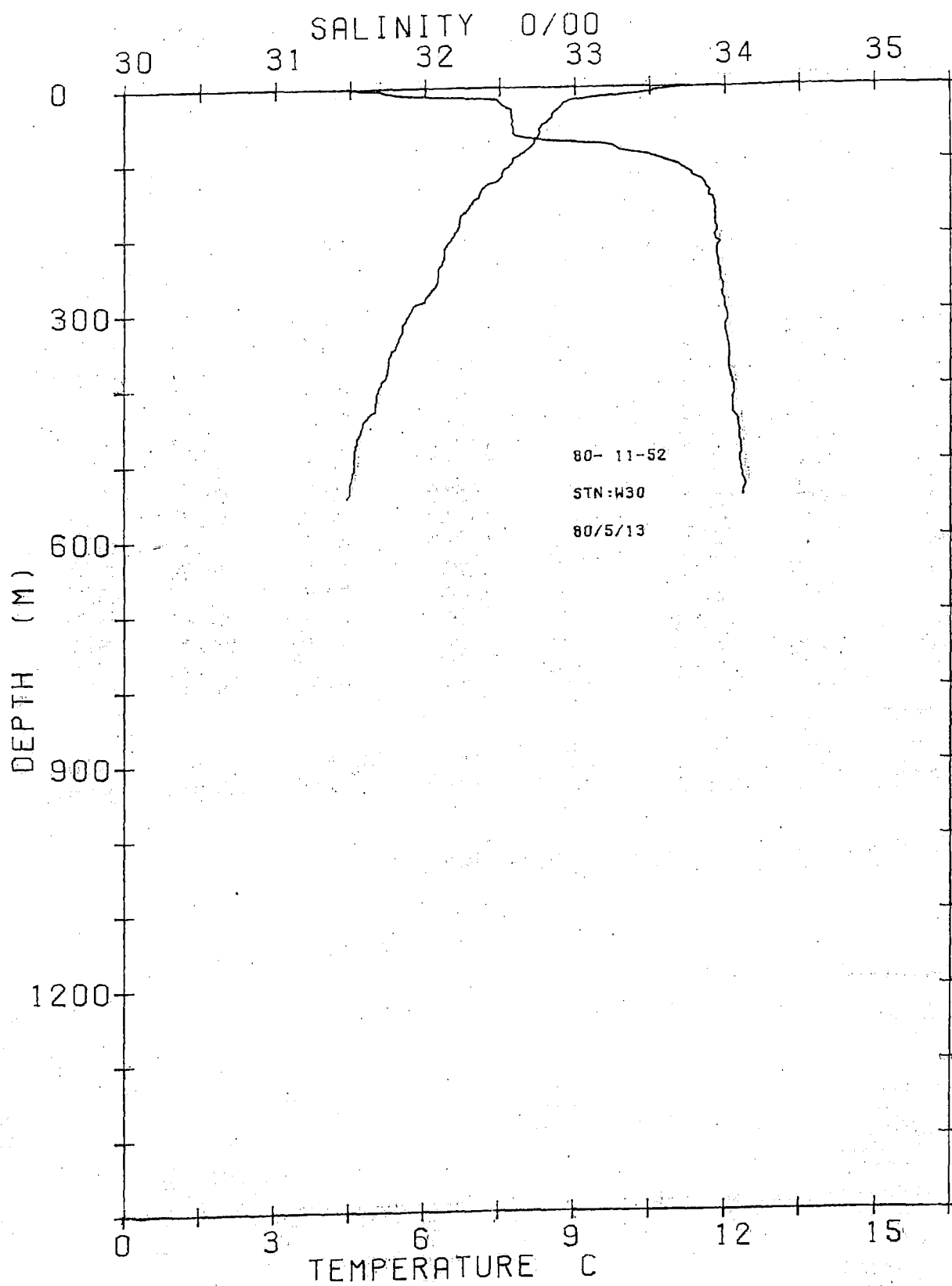
DATE 80/05/13 TIME (PST) 0100

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.76	31.45	24.08	384.1	.00	.00	1488.6
10	10.36	31.79	24.41	352.8	.37	.02	1487.8
20	9.67	32.14	24.80	316.0	.70	.07	1485.8
30	8.84	32.54	25.24	274.1	.99	.14	1483.4
50	8.73	32.76	25.43	256.4	1.52	.35	1483.6
75	8.21	33.25	25.89	213.1	2.12	.72	1482.6
100	7.78	33.72	26.32	172.7	2.59	1.13	1482.0
125	7.43	33.86	26.48	157.7	3.00	1.59	1481.2
150	7.20	33.88	26.53	153.2	3.39	2.13	1480.8
175	6.68	33.92	26.64	143.3	3.76	2.73	1479.2
200	6.24	33.96	26.72	135.5	4.10	3.38	1477.9
225	6.08	33.98	26.76	132.3	4.44	4.09	1477.7
250	5.93	33.99	26.79	130.0	4.77	4.87	1477.5
300	5.53	34.01	26.85	124.2	5.40	6.62	1476.8
400	5.00	34.05	26.95	116.0	6.58	10.74	1476.3
500	4.55	34.11	27.05	107.2	7.69	15.72	1476.1
600	4.09	34.22	27.18	94.8	8.70	21.23	1476.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
616.0	4.04	34.23	27.19	93.7	8.85	22.15	1476.1

WIND MIXED LAYER DEPTH = 7.5 METRES



CRUISE : C.O.D.E. 80-11.
 STATION: W30 CONS #052
 LAT N 49 40.5 LONG W 127 29.0
 DATE 80/05/13 TIME (PST) 0238

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.29	31.37	23.94	398.1	.00	.00	1490.4
10	10.09	31.83	24.49	345.3	.36	.02	1486.8
20	8.83	32.50	25.21	277.0	.67	.06	1483.2
30	8.65	32.57	25.30	269.0	.94	.13	1482.7
50	8.36	32.58	25.35	264.3	1.47	.34	1482.0
75	8.20	33.06	25.75	227.0	2.12	.74	1482.4
100	7.77	33.60	26.23	181.1	2.62	1.18	1481.8
125	7.48	33.84	26.46	159.7	3.04	1.66	1481.4
150	7.02	33.91	26.58	148.5	3.42	2.18	1480.1
175	6.72	33.94	26.65	142.8	3.79	2.77	1479.4
200	6.58	33.93	26.66	141.7	4.14	3.43	1479.3
225	6.38	33.95	26.70	138.3	4.49	4.17	1478.9
250	6.27	33.97	26.73	135.7	4.83	4.99	1478.9
300	5.70	34.01	26.83	126.4	5.49	6.80	1477.4
400	5.09	34.06	26.94	116.6	6.71	11.06	1476.6
500	4.59	34.10	27.03	108.5	7.83	16.09	1476.3

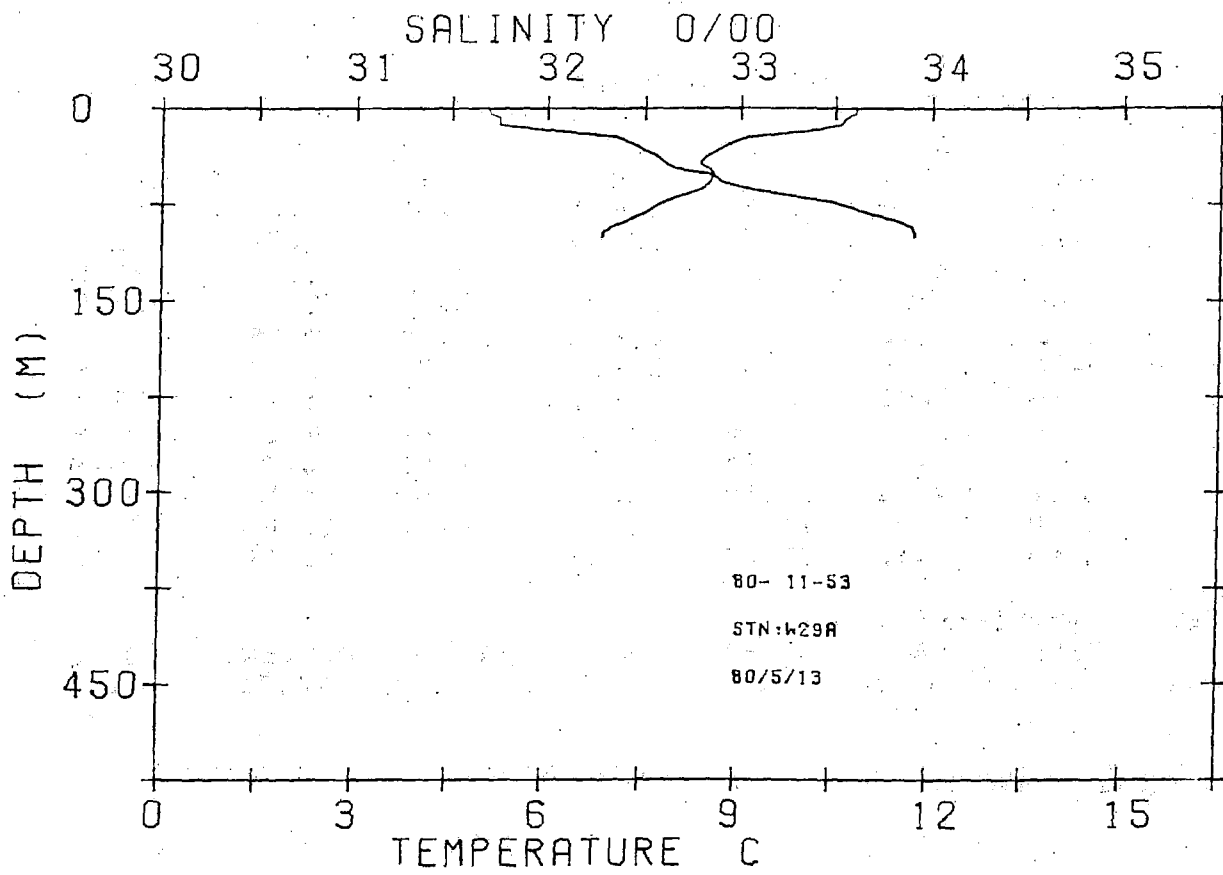
DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
547.0	4.45	34.12	27.06	105.9	8.33	18.71	1476.5

WIND MIXED LAYER DEPTH = 6.9 METRES

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24



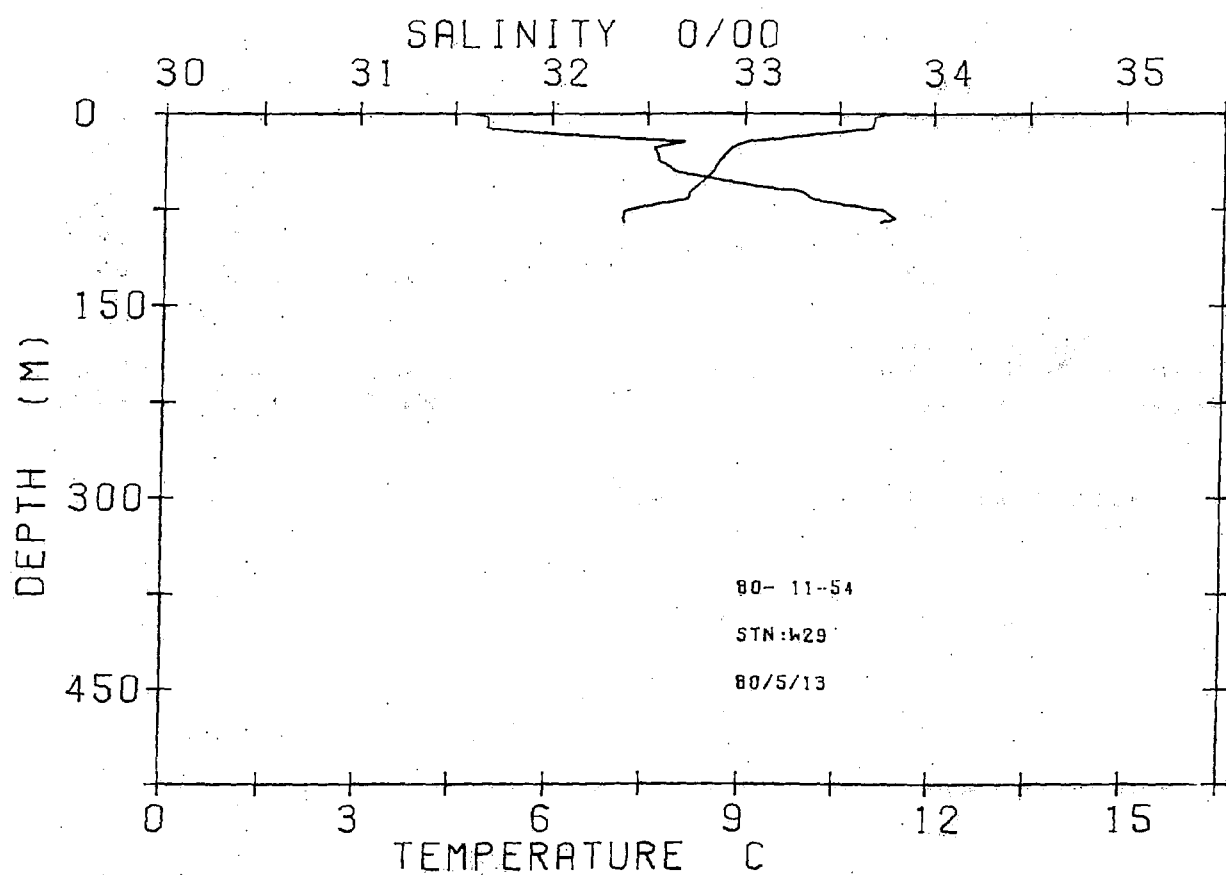
CRUISE : C.O.D.E. 80-11.
 STATION: W29A CONS #053
 LAT N 49 43.3 LONG W 127 29.0
 DATE 80/05/13 TIME (PST) 0344

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.81	31.69	24.26	367.4	.00	.00	1489.1
10	10.61	31.75	24.34	359.8	.36	.02	1488.6
20	9.65	32.18	24.83	312.9	.71	.07	1485.8
30	8.72	32.46	25.20	277.9	1.00	.14	1482.8
50	8.53	32.75	25.45	254.6	1.53	.35	1482.8
75	7.70	33.53	26.19	184.6	2.09	.70	1481.1
100	6.83	33.91	26.61	145.3	2.50	1.05	1478.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
101.0	6.83	33.91	26.61	145.3	2.51	1.07	1478.6

WIND MIXED LAYER DEPTH = 8.0 METRES



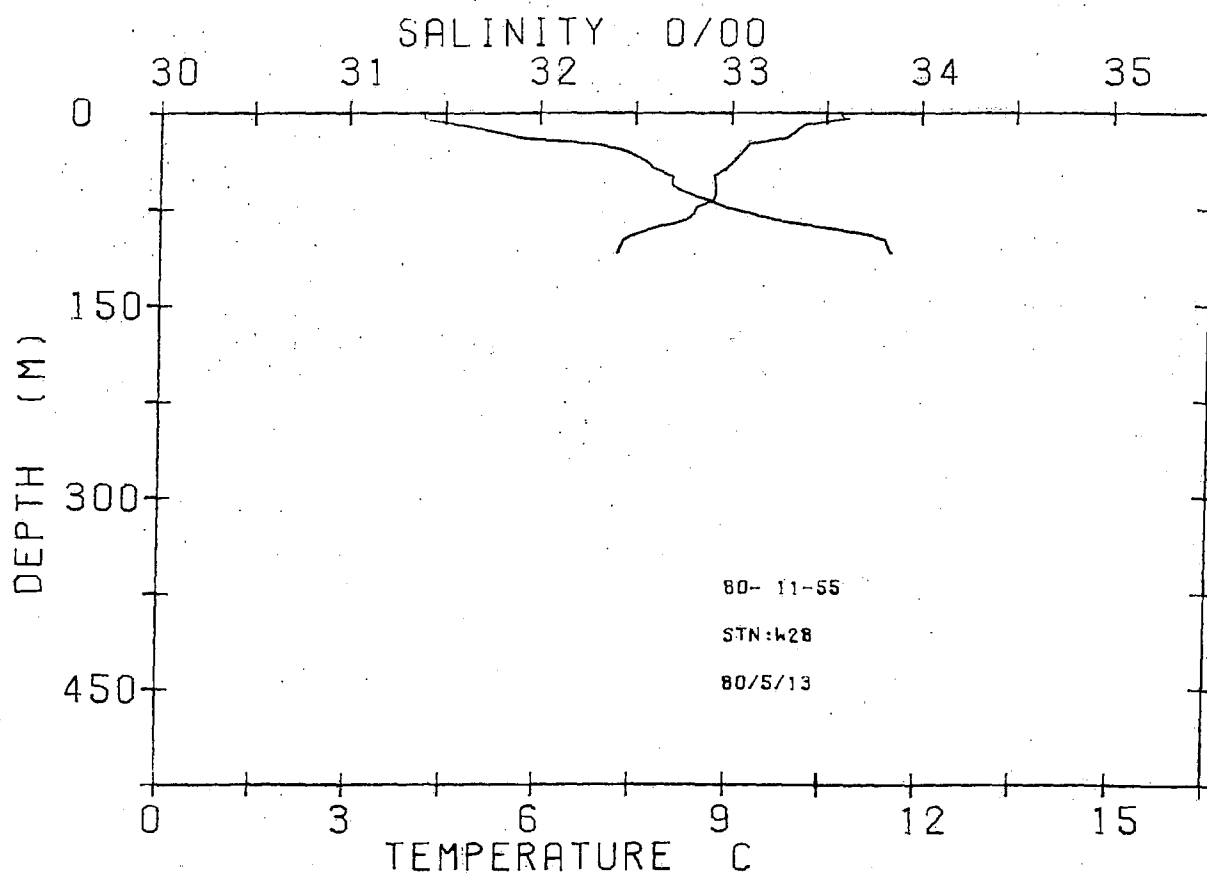
CRUISE : C.O.D.E. 80-11.
 STATION: W29 CONS #054
 LAT N 49 46.0 LONG W 127 20.0
 DATE 80/05/13 TIME (PST) 0418

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.37	31.54	24.04	387.9	.00	.00	1490.9
10	11.03	31.66	24.20	373.0	.38	.02	1490.0
20	9.42	32.44	25.07	289.9	.71	.07	1485.3
30	8.74	32.54	25.26	272.4	.99	.14	1483.0
50	8.43	32.76	25.48	251.8	1.52	.35	1482.5
75	7.31	33.66	26.35	169.8	2.05	.67	1479.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
86.0	7.13	33.72	26.42	163.2	2.23	.82	1479.3

WIND MIXED LAYER DEPTH = 11.5 METRES



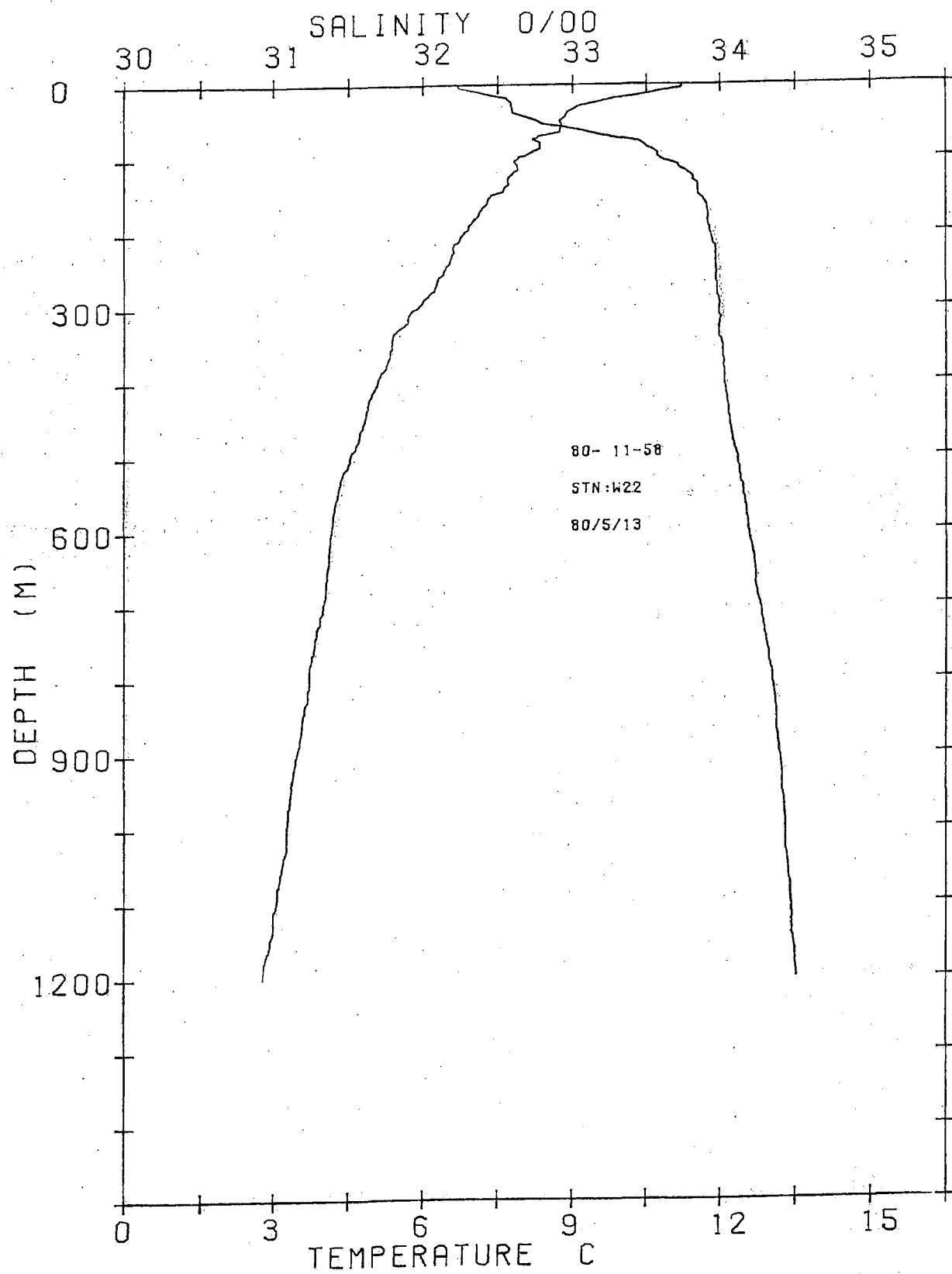
CRUISE : C.O.D.E. 80-11.
 STATION: W28 CONS #055
 LAT N 49 40.5 LONG W 127 11.0
 DATE 80/05/13 TIME (PST) 0517

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.71	31.39	24.04	387.7	.00	.00	1488.3
10	10.13	31.60	24.31	362.8	.38	.02	1486.7
20	9.75	31.98	24.66	328.9	.73	.07	1485.9
30	9.18	32.45	25.12	285.9	1.03	.15	1484.6
50	8.73	32.70	25.38	260.9	1.58	.36	1483.5
75	8.46	33.00	25.66	235.2	2.21	.76	1483.3
100	7.31	33.82	26.47	158.3	2.70	1.18	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
110.0	7.23	33.85	26.51	155.2	2.86	1.35	1480.2

WIND MIXED LAYER DEPTH = 3.9 METRES



CRUISE : C.O.D.E. 80-11.

STATION: W22 CONS #058

LAT N 49 04.5 LONG W 127 11.0

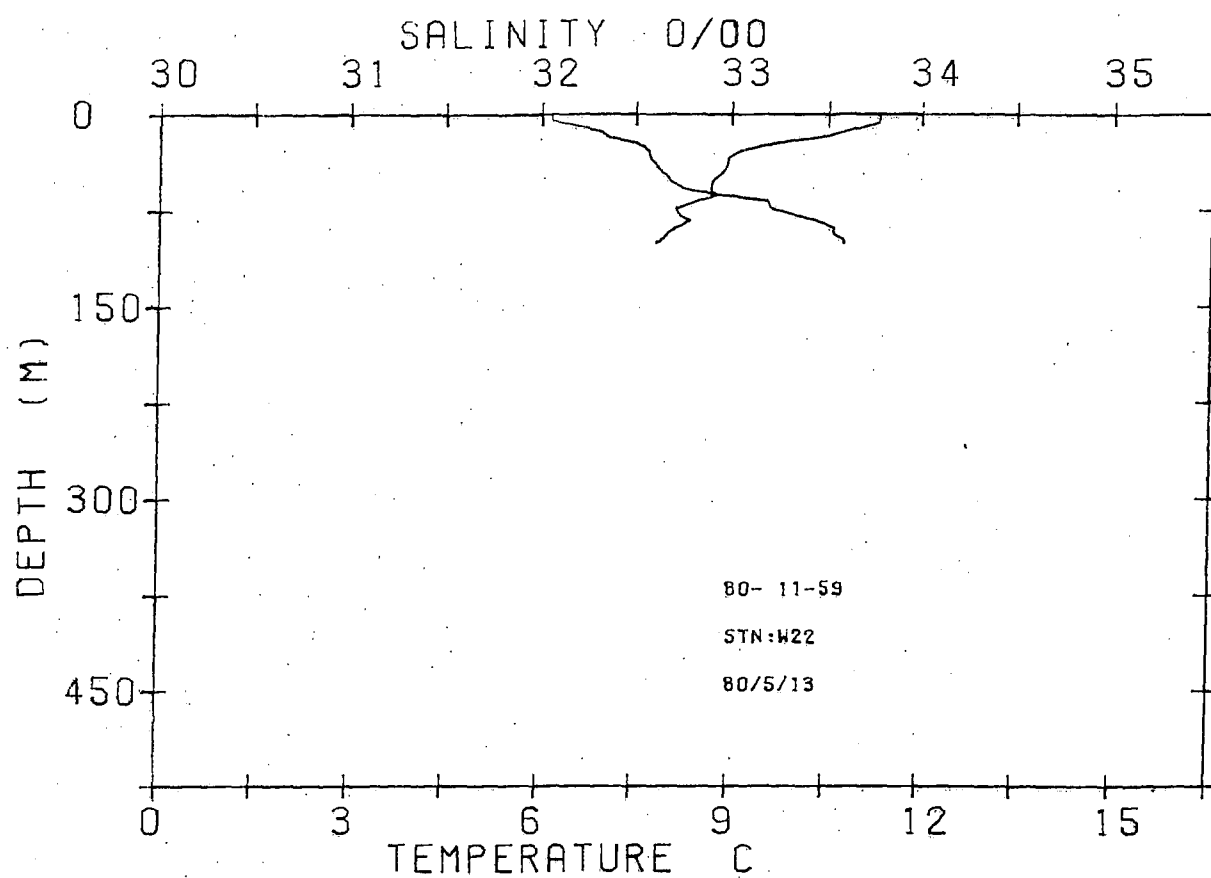
DATE 80/05/13 TIME (PST) 1842

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.22	32.24	24.61	333.5	.00	.00	1491.3
10	10.78	32.35	24.78	317.8	.33	.02	1490.0
20	9.75	32.57	25.12	285.8	.63	.06	1486.7
30	9.11	32.59	25.24	274.2	.91	.13	1484.5
50	8.75	32.76	25.43	256.6	1.44	.34	1483.7
75	8.22	33.36	25.98	204.6	2.03	.71	1482.9
100	7.91	33.59	26.20	183.8	2.51	1.13	1482.4
125	7.72	33.82	26.41	164.4	2.95	1.62	1482.3
150	7.38	33.85	26.49	157.5	3.35	2.17	1481.5
175	7.11	33.92	26.58	149.4	3.73	2.79	1480.9
200	6.82	33.93	26.63	145.1	4.10	3.48	1480.2
225	6.62	33.97	26.68	139.9	4.46	4.24	1479.8
250	6.44	33.97	26.71	137.8	4.81	5.06	1479.5
300	5.88	34.00	26.80	129.4	5.48	6.91	1478.2
400	5.08	34.03	26.92	118.5	6.71	11.21	1476.6
500	4.53	34.12	27.06	106.3	7.84	16.28	1476.1
600	4.17	34.19	27.15	97.8	8.85	21.85	1476.3
800	3.71	34.35	27.32	82.6	10.66	34.45	1477.9
1000	3.28	34.44	27.44	72.5	12.20	48.28	1479.4
1200	2.79	34.51	27.54	63.1	13.56	63.25	1480.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1200.0	2.79	34.51	27.54	63.1	13.56	63.25	1480.7

WIND MIXED LAYER DEPTH = 5.5 METRES



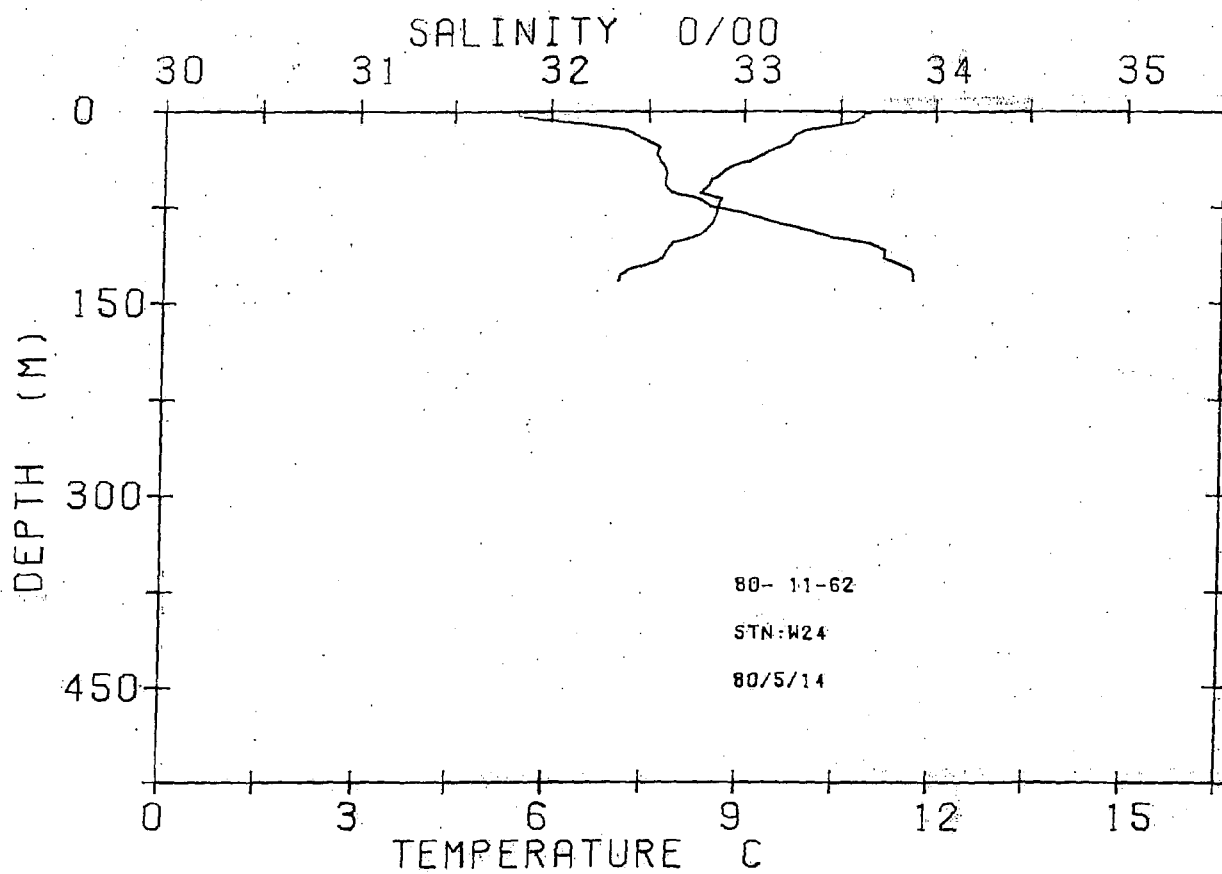
CRUISE : C.O.D.E. 80-11.
 STATION: W22 CONS #059
 LAT N 49 04.5 LONG W 127 11.0
 DATE 80/05/13 TIME (PST) 1955

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.32	32.05	24.45	349.2	.00	.00	1491.4
10	11.08	32.22	24.62	332.9	.34	.02	1490.9
20	10.08	32.42	24.95	301.8	.66	.06	1487.7
30	9.07	32.57	25.23	275.0	.95	.14	1484.3
50	8.76	32.68	25.36	262.9	1.49	.35	1483.6
75	8.16	33.26	25.91	211.5	2.09	.72	1482.5
100	7.87	33.59	26.21	183.2	2.57	1.15	1482.2

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
101.0	7.84	33.59	26.21	182.8	2.59	1.16	1482.1

WIND MIXED LAYER DEPTH = 8.2 METRES



CRUISE : C.O.D.E. 80-11.

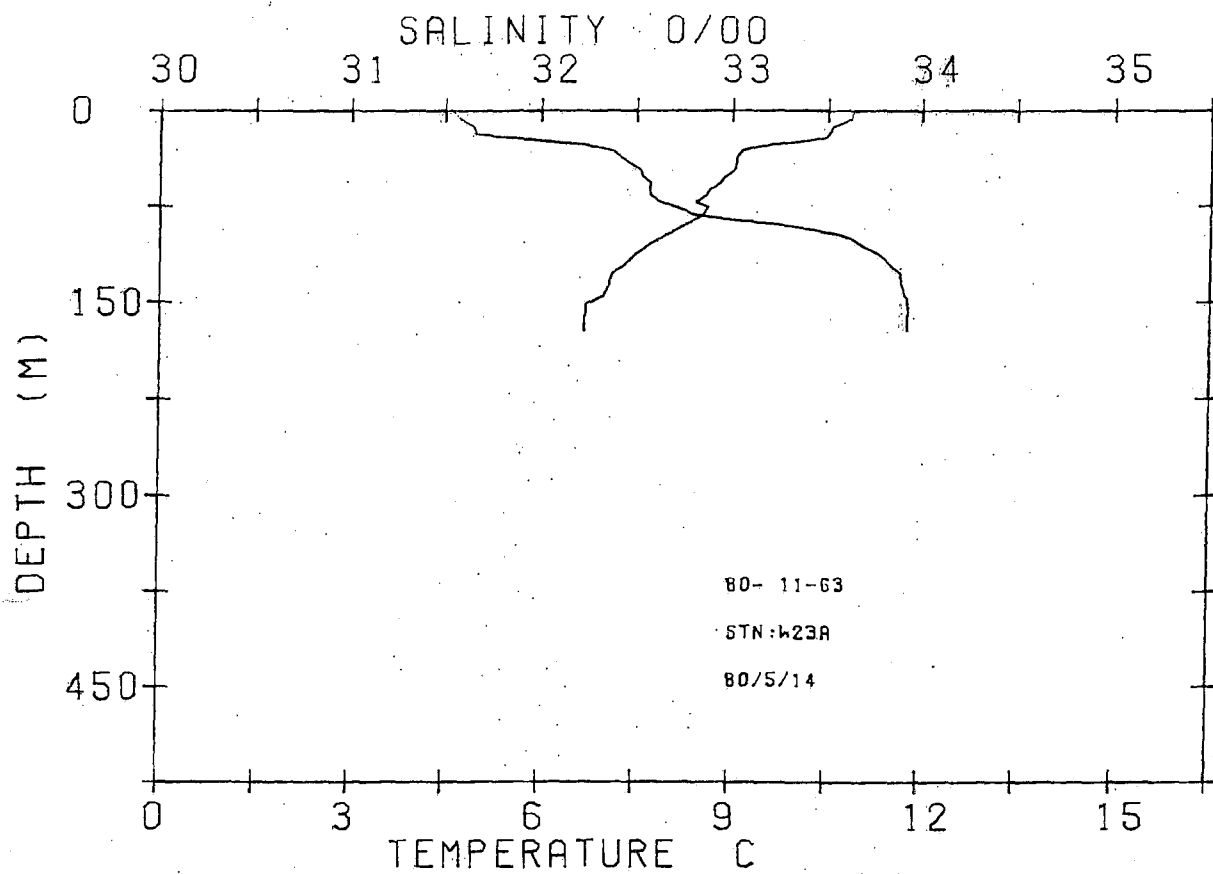
STATION: W24 CONS #062
 LAT N 49 15.5 LONG W 126 53.0
 DATE 80/05/14 TIME (PST) 0100

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.94	31.83	24.35	359.0	.00	.00	1489.7
10	10.55	32.15	24.66	329.2	.35	.02	1488.9
20	9.76	32.45	25.03	294.3	.66	.06	1486.6
30	9.46	32.56	25.16	282.2	.95	.14	1485.8
50	8.62	32.60	25.32	266.8	1.49	.35	1483.0
75	8.62	32.83	25.50	250.0	2.15	.76	1483.7
100	8.17	33.50	26.10	194.2	2.70	1.24	1483.2
125	7.17	33.88	26.54	152.3	3.13	1.72	1480.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
134.0	7.05	33.89	26.56	150.2	3.27	1.90	1480.0

WIND MIXED LAYER DEPTH = 4.0 METRES



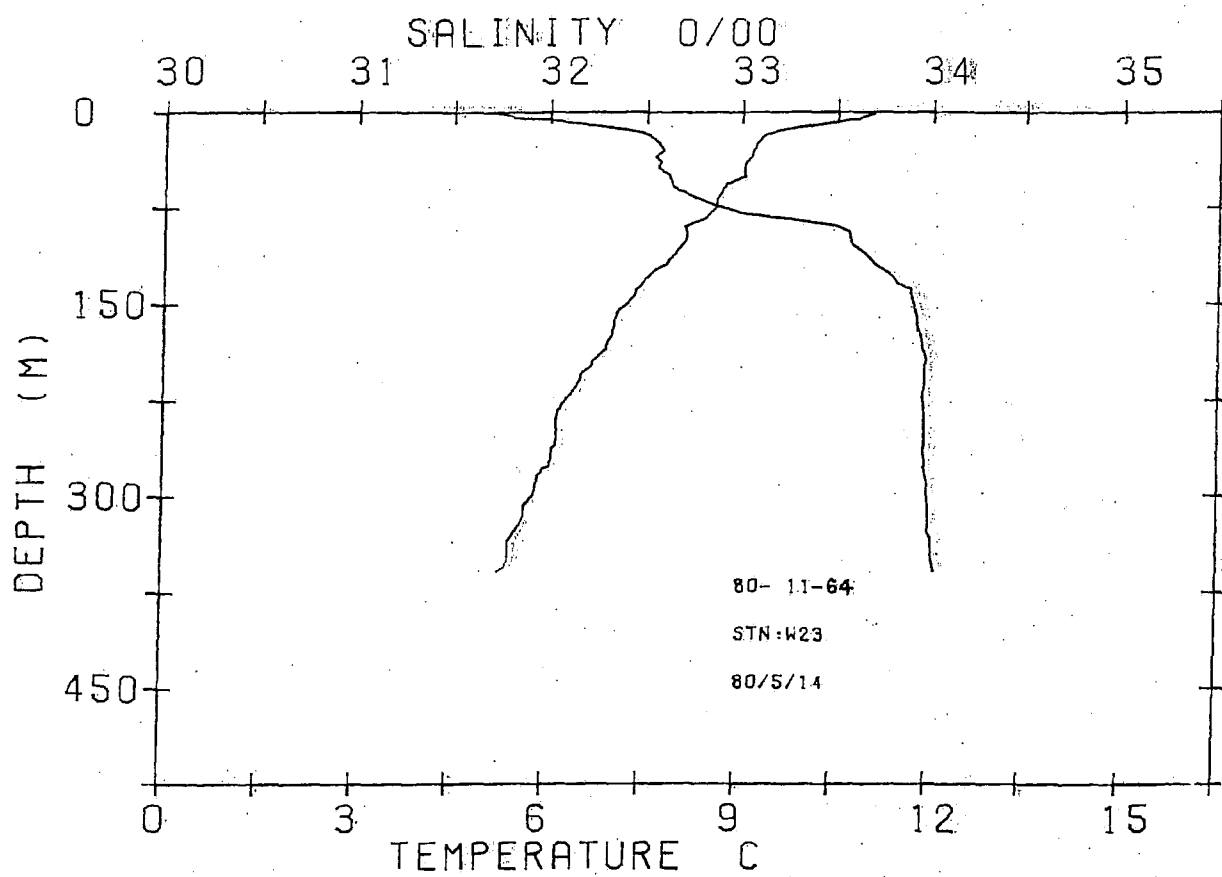
CRUISE : C.O.D.E. 80-11.
 STATION: W23A CONS #063
 LAT N 49 12.8 LONG W 126 57.5
 DATE 80/05/14 TIME (PST) 0145

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.98	31.53	24.10	382.0	.00	.00	1489.5
10	10.71	31.61	24.22	371.3	.38	.02	1488.8
20	10.46	31.74	24.36	358.2	.74	.07	1488.2
30	9.33	32.32	25.00	297.5	1.07	.15	1485.0
50	8.96	32.53	25.22	276.8	1.64	.38	1484.2
75	8.55	32.68	25.40	259.9	2.31	.80	1483.2
100	7.88	33.60	26.22	182.4	2.87	1.29	1482.3
125	7.20	33.87	26.53	153.5	3.29	1.75	1480.4
150	6.80	33.93	26.63	144.1	3.66	2.27	1479.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
173.0	6.70	33.93	26.64	143.2	3.99	2.80	1479.3

WIND MIXED LAYER DEPTH = 6.0 METRES



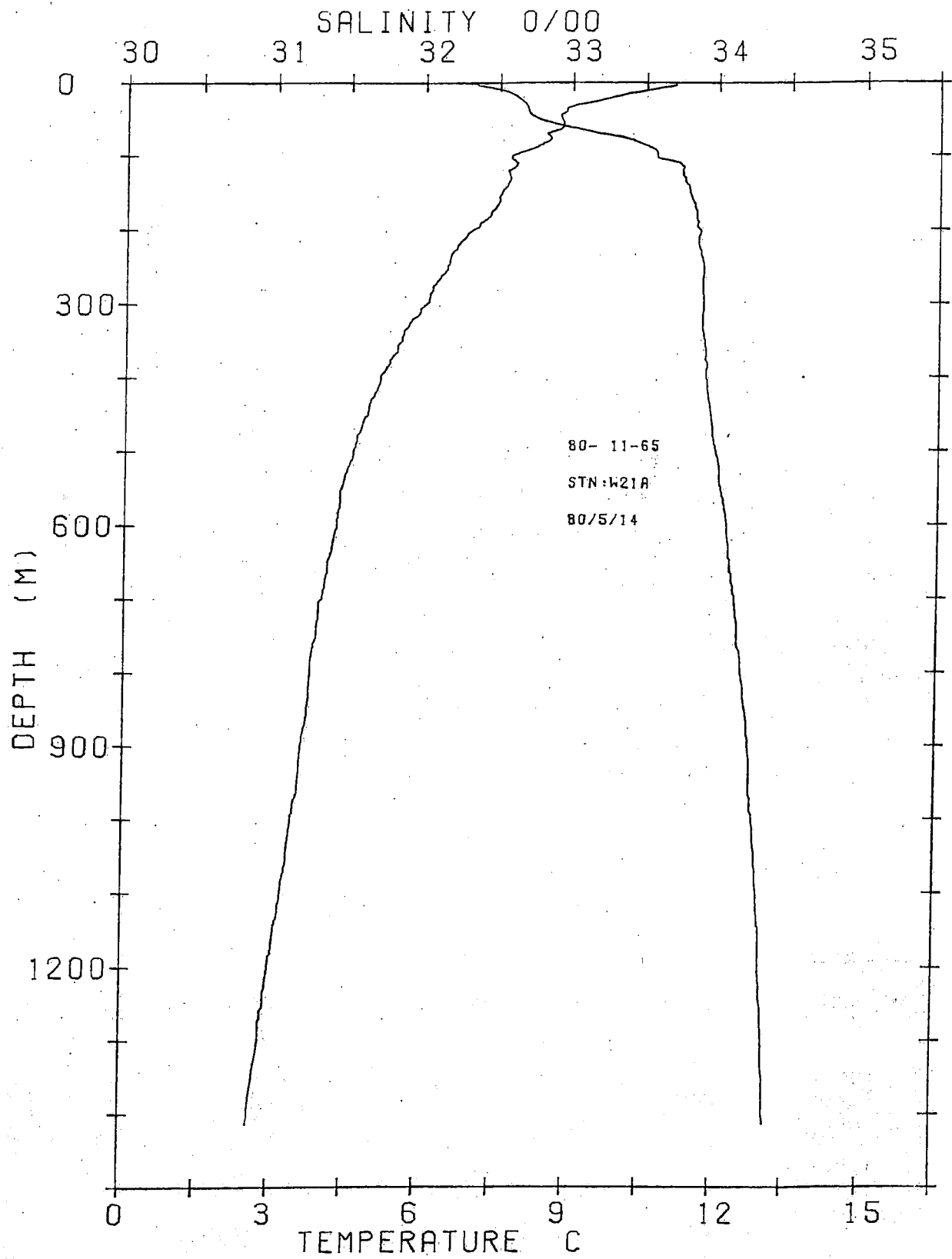
CRUISE : C.O.D.E. 80-11.
 STATION: W23 CONS #064
 LAT N 49 10.0 LONG W 127 02.0
 DATE 80/05/14 TIME (PST) 0245

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.06	31.66	24.19	373.5	.00	.00	1489.9
10	10.09	32.21	24.79	317.0	.35	.02	1487.3
20	9.30	32.53	25.17	281.3	.64	.06	1485.0
30	9.17	32.59	25.23	275.2	.92	.13	1484.7
50	9.02	32.62	25.28	271.0	1.47	.35	1484.5
75	8.57	32.92	25.58	242.6	2.12	.75	1483.6
100	8.12	33.58	26.17	187.5	2.64	1.20	1483.2
125	7.62	33.77	26.39	166.8	3.08	1.70	1481.9
150	7.22	33.91	26.56	151.1	3.47	2.24	1480.9
175	6.99	33.95	26.62	145.2	3.84	2.84	1480.5
200	6.63	33.97	26.68	139.7	4.20	3.51	1479.5
225	6.28	33.96	26.72	136.1	4.54	4.24	1478.5
250	6.16	33.97	26.74	134.3	4.88	5.04	1478.4
300	5.79	33.99	26.81	128.7	5.54	6.85	1477.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
358.0	5.27	34.04	26.91	119.5	6.26	9.23	1476.7

WIND MIXED LAYER DEPTH = 3.6 METRES



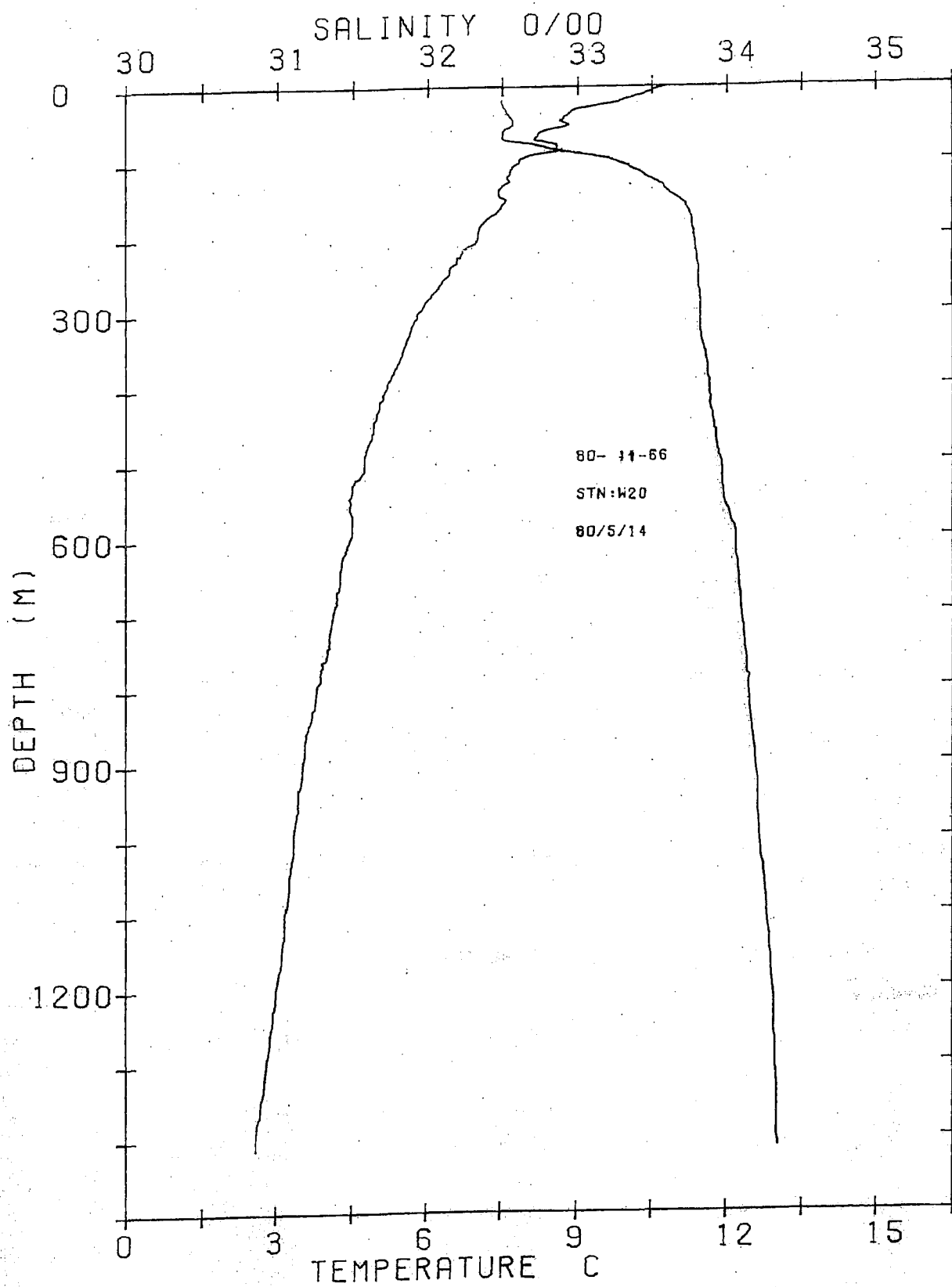
CRUISE : C.O.D.E. 80-11.
 STATION: W21A CONS #065
 LAT N 49 01.8 LONG W 127 15.3
 DATE 80/05/14 TIME (PST) 0425

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.11	32.23	24.63	332.1	.00	.00	1490.8
10	10.53	32.51	24.94	302.2	.32	.02	1489.3
20	9.81	32.62	25.15	282.7	.61	.06	1487.0
30	9.10	32.68	25.31	267.5	.89	.13	1484.6
50	8.78	32.76	25.42	257.2	1.41	.34	1483.8
75	8.59	33.35	25.91	211.0	2.01	.71	1484.2
100	7.74	33.58	26.22	182.2	2.50	1.13	1481.7
125	7.72	33.75	26.36	169.6	2.93	1.62	1482.3
150	7.56	33.80	26.42	164.1	3.35	2.20	1482.1
175	7.37	33.85	26.48	158.3	3.75	2.85	1481.9
200	6.98	33.87	26.56	151.7	4.14	3.58	1480.7
225	6.65	33.87	26.60	147.9	4.52	4.38	1479.9
250	6.48	33.90	26.65	143.6	4.88	5.24	1479.6
300	6.06	33.90	26.70	138.9	5.59	7.19	1478.8
400	5.16	33.92	26.83	127.6	6.92	11.83	1476.8
500	4.62	33.99	26.95	116.8	8.14	17.31	1476.3
600	4.29	34.08	27.05	107.7	9.26	23.46	1476.6
800	3.77	34.18	27.18	95.9	11.29	37.64	1477.9
1000	3.42	34.27	27.29	86.7	13.11	53.98	1479.8
1200	2.98	34.33	27.38	78.6	14.76	72.08	1481.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1415.0	2.59	34.38	27.45	71.6	16.37	93.13	1483.3

WIND MIXED LAYER DEPTH = 3.9 METRES



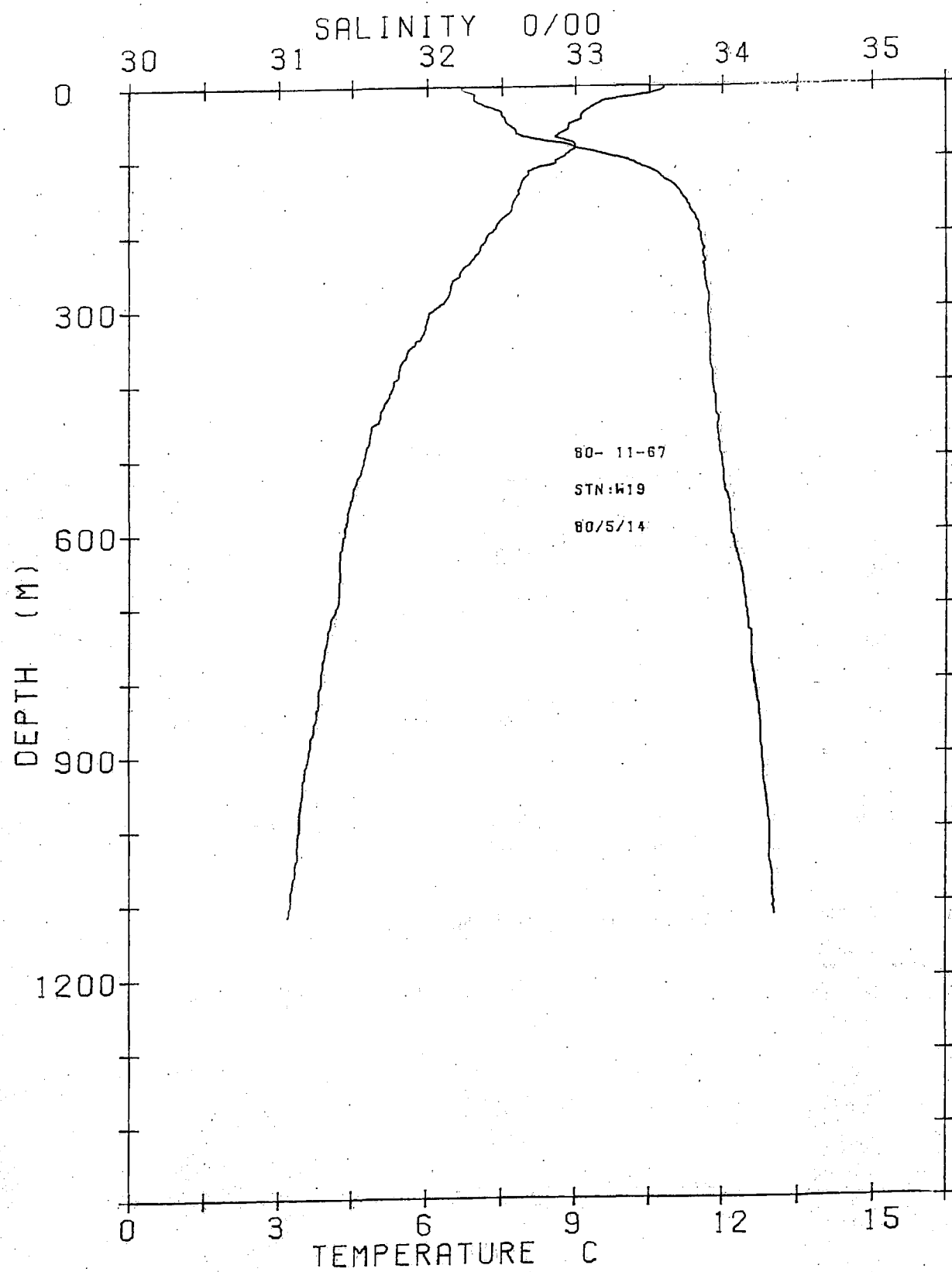
CRUISE : C.O.D.E. 80-11.
 STATION: W20 CONS #066
 LAT N 48 53.5 LONG W 127 29.0
 DATE 80/05/14 TIME (PST) 0714

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.78	32.50	24.89	306.7	.00	.00	1490.0
10	10.33	32.50	24.97	299.7	.30	.02	1488.6
20	9.84	32.49	25.05	292.6	.60	.06	1486.9
30	8.98	32.51	25.20	278.0	.88	.13	1483.9
50	8.79	32.57	25.27	271.3	1.43	.35	1483.6
75	8.50	32.65	25.38	261.7	2.10	.77	1483.0
100	7.84	33.25	25.95	207.9	2.69	1.28	1481.7
125	7.64	33.51	26.18	186.5	3.18	1.83	1481.6
150	7.54	33.68	26.33	172.8	3.63	2.44	1481.9
175	7.22	33.77	26.45	161.8	4.05	3.12	1481.1
200	7.01	33.79	26.49	158.1	4.44	3.87	1480.8
225	6.66	33.81	26.55	152.3	4.83	4.69	1479.8
250	6.42	33.82	26.59	148.8	5.21	5.58	1479.3
300	5.80	33.83	26.68	140.9	5.93	7.57	1477.6
400	5.19	33.89	26.80	130.1	7.29	12.32	1476.8
500	4.74	33.97	26.91	120.2	8.55	17.96	1476.7
600	4.47	34.06	27.01	111.1	9.70	24.32	1477.4
800	3.82	34.14	27.15	99.3	11.81	39.01	1478.0
1000	3.36	34.22	27.26	89.6	13.68	55.82	1479.5
1200	3.01	34.31	27.36	80.4	15.38	74.46	1481.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1414.0	2.57	34.35	27.43	73.6	17.02	95.96	1483.1

WIND MIXED LAYER DEPTH = 6.0 METRES



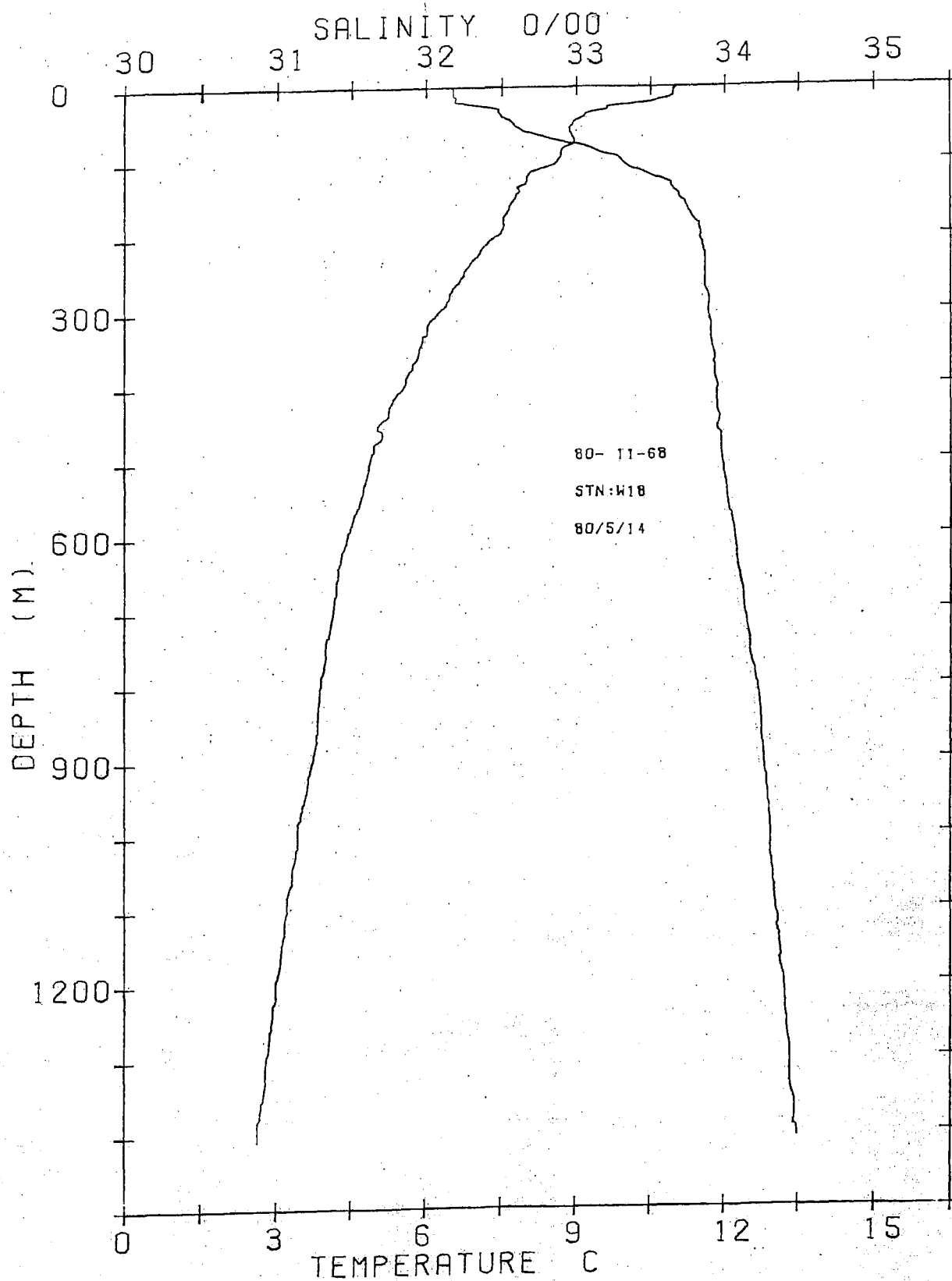
CRUISE : C.O.D.E. 80-11.
 STATION: W19 CONS #067
 LAT N 48 48.0 LONG W 127 37.5
 DATE 80/05/14 TIME (PST) 0925

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.81	32.23	24.68	327.2	.00	.00	1489.8
10	10.46	32.32	24.81	315.1	.32	.02	1488.8
20	9.55	32.32	24.96	300.6	.63	.06	1485.6
30	9.28	32.45	25.10	287.3	.93	.14	1484.9
50	8.88	32.53	25.23	275.7	1.49	.36	1483.9
75	8.92	32.84	25.46	253.9	2.16	.78	1484.8
100	8.62	33.35	25.91	211.9	2.74	1.29	1484.8
125	7.94	33.60	26.20	184.2	3.23	1.84	1482.9
150	7.79	33.73	26.33	172.8	3.68	2.45	1482.9
175	7.54	33.81	26.43	163.3	4.10	3.13	1482.4
200	7.23	33.85	26.51	156.6	4.50	3.88	1481.7
225	7.02	33.86	26.54	153.3	4.88	4.70	1481.3
250	6.67	33.87	26.60	148.3	5.26	5.60	1480.3
300	6.14	33.89	26.68	140.7	5.98	7.58	1479.1
400	5.34	33.93	26.81	129.0	7.33	12.27	1477.5
500	4.75	34.00	26.94	117.8	8.56	17.81	1476.8
600	4.35	34.06	27.03	109.7	9.69	24.03	1476.9
800	3.86	34.22	27.21	93.9	11.70	38.07	1478.3
1000	3.41	34.32	27.33	82.9	13.46	53.88	1479.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1117.0	3.19	34.35	27.37	79.0	14.42	63.94	1480.9

WIND MIXED LAYER DEPTH = 6.6 METRES



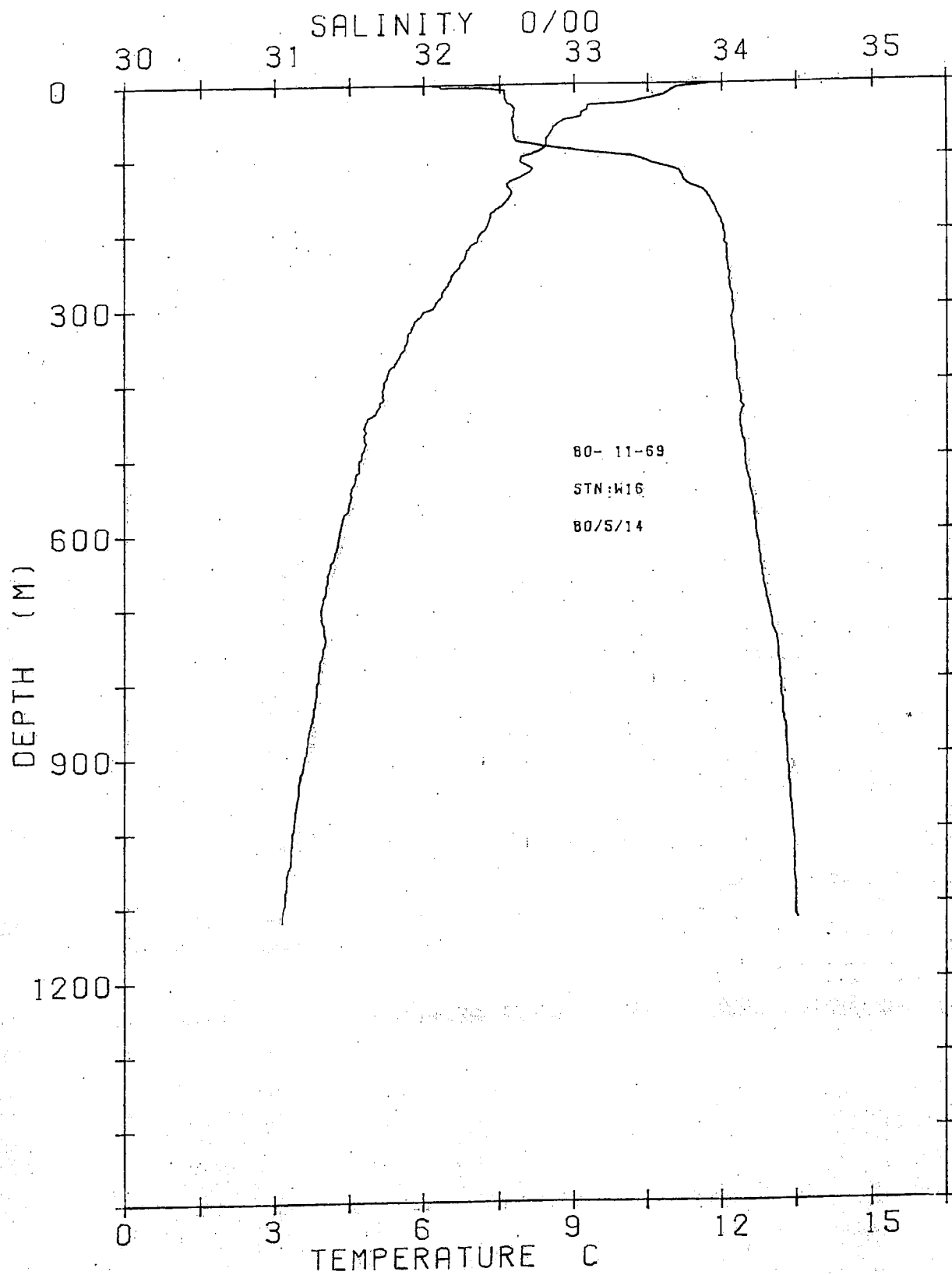
CRUISE : C.O.D.E. 80-11.
 STATION: W18 CONS #068
 LAT N 48 42.0 LONG W 127 46.0
 DATE 80/05/14 TIME (PST) 1144

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.02	32.17	24.60	335.0	.00	.00	1490.5
10	10.96	32.18	24.61	333.7	.33	.02	1490.4
20	10.47	32.19	24.71	325.0	.66	.07	1488.8
30	9.64	32.48	25.07	290.6	.97	.14	1486.3
50	8.91	32.58	25.26	272.4	1.53	.37	1484.1
75	8.97	32.96	25.55	245.6	2.19	.77	1485.2
100	8.62	33.31	25.88	214.8	2.76	1.27	1484.7
125	8.01	33.59	26.19	185.6	3.26	1.84	1483.2
150	7.77	33.70	26.31	174.5	3.71	2.45	1482.8
175	7.53	33.79	26.42	164.8	4.13	3.14	1482.4
200	7.37	33.84	26.48	159.3	4.54	3.90	1482.2
225	7.01	33.87	26.55	152.5	4.93	4.73	1481.3
250	6.75	33.87	26.59	149.5	5.30	5.62	1480.7
300	6.28	33.89	26.66	142.5	6.03	7.63	1479.6
400	5.58	33.96	26.80	129.9	7.39	12.36	1478.5
500	4.88	33.99	26.91	120.2	8.64	17.97	1477.3
600	4.43	34.07	27.03	109.6	9.79	24.30	1477.2
800	3.89	34.22	27.20	94.0	11.83	38.51	1478.4
1000	3.44	34.32	27.33	83.3	13.60	54.44	1480.0
1200	3.01	34.41	27.44	72.8	15.17	71.71	1481.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1409.0	2.60	34.50	27.55	62.9	16.60	90.32	1483.4

WIND MIXED LAYER DEPTH = 13.2 METRES



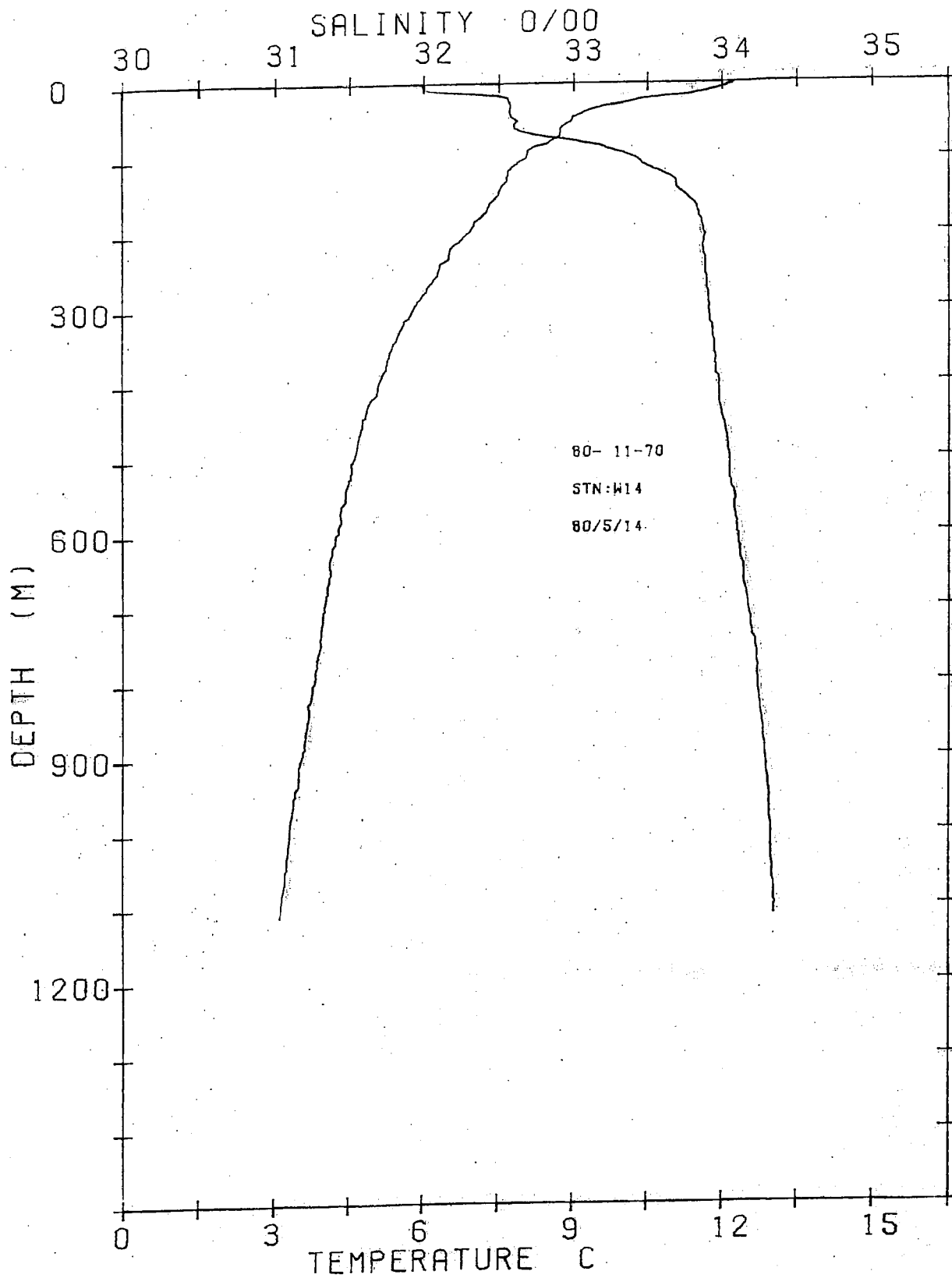
CRUISE : C.O.D.E. 80-11.
 STATION: W16 CONS #009
 LAT N 48 34.5 LONG W 127 30.0
 DATE 80/05/14 TIME (PST) 1435

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.82	31.93	24.26	366.9	.00	.00	1493.0
10	10.96	32.53	24.89	307.7	.33	.02	1490.8
20	10.55	32.53	24.96	301.0	.64	.06	1489.5
30	9.28	32.58	25.21	277.3	.93	.13	1485.1
50	8.77	32.58	25.29	270.3	1.48	.35	1483.5
75	8.44	32.60	25.35	264.3	2.14	.77	1482.7
100	7.91	33.42	26.07	196.5	2.74	1.29	1482.1
125	7.92	33.73	26.31	173.8	3.20	1.80	1483.0
150	7.73	33.89	26.47	159.5	3.61	2.37	1482.9
175	7.33	33.96	26.58	149.3	4.00	3.00	1481.8
200	7.13	34.01	26.65	143.4	4.37	3.69	1481.5
225	6.83	34.03	26.70	138.2	4.72	4.43	1480.8
250	6.63	34.04	26.74	135.2	5.06	5.25	1480.4
300	6.20	34.08	26.82	127.4	5.72	7.05	1479.5
400	5.19	34.10	26.97	114.4	6.92	11.25	1477.1
500	4.72	34.16	27.07	105.5	8.02	16.18	1476.9
600	4.28	34.23	27.17	96.2	9.02	21.70	1476.8
800	3.85	34.40	27.35	80.4	10.78	33.93	1478.5
1000	3.37	34.48	27.46	70.6	12.29	47.50	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1120.0	3.16	34.51	27.50	66.8	13.11	56.24	1481.0

WIND MIXED LAYER DEPTH = 3.0 METRES



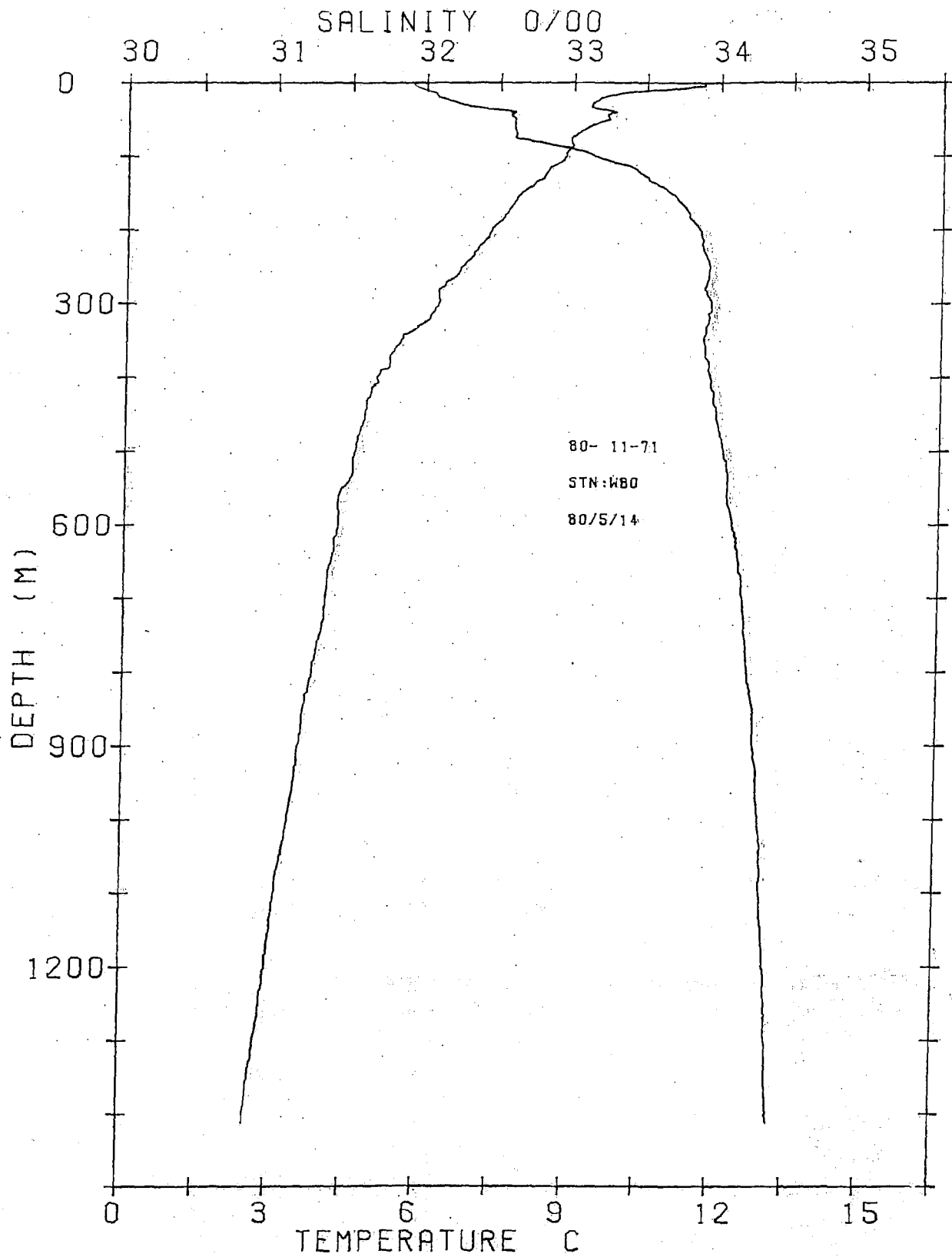
CRUISE : C.O.D.E. 80-11.
 STATION: W14 CONS #070
 LAT N 48 25.0 LONG W 127 09.5
 DATE 80/05/14 TIME (PST) 1725

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.24	31.98	24.23	370.1	.00	.00	1494.5
10	11.76	32.05	24.37	356.9	.37	.02	1493.1
20	10.45	32.56	25.00	297.3	.69	.07	1489.2
30	9.59	32.58	25.16	282.4	.98	.14	1486.3
50	8.97	32.62	25.29	270.4	1.53	.36	1484.3
75	8.55	32.97	25.62	238.6	2.19	.77	1483.6
100	8.05	33.42	26.05	198.4	2.73	1.24	1482.7
125	7.66	33.66	26.30	175.5	3.20	1.77	1481.9
150	7.47	33.75	26.40	166.3	3.63	2.35	1481.7
175	7.16	33.85	26.52	155.3	4.03	3.00	1481.0
200	6.87	33.88	26.58	149.5	4.41	3.72	1480.3
225	6.51	33.88	26.63	145.3	4.78	4.50	1479.3
250	6.31	33.89	26.66	142.2	5.14	5.35	1478.9
300	5.79	33.92	26.75	134.1	5.83	7.25	1477.7
400	5.11	33.98	26.88	122.4	7.11	11.73	1476.6
500	4.61	34.05	26.99	112.5	8.29	17.01	1476.3
600	4.27	34.10	27.07	105.8	9.38	23.01	1476.6
800	3.80	34.24	27.23	91.7	11.35	36.74	1478.1
1000	3.33	34.33	27.34	81.2	13.07	52.22	1479.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1115.0	3.13	34.35	27.38	78.3	13.99	61.92	1480.6

WIND MIXED LAYER DEPTH = 6.0 METRES



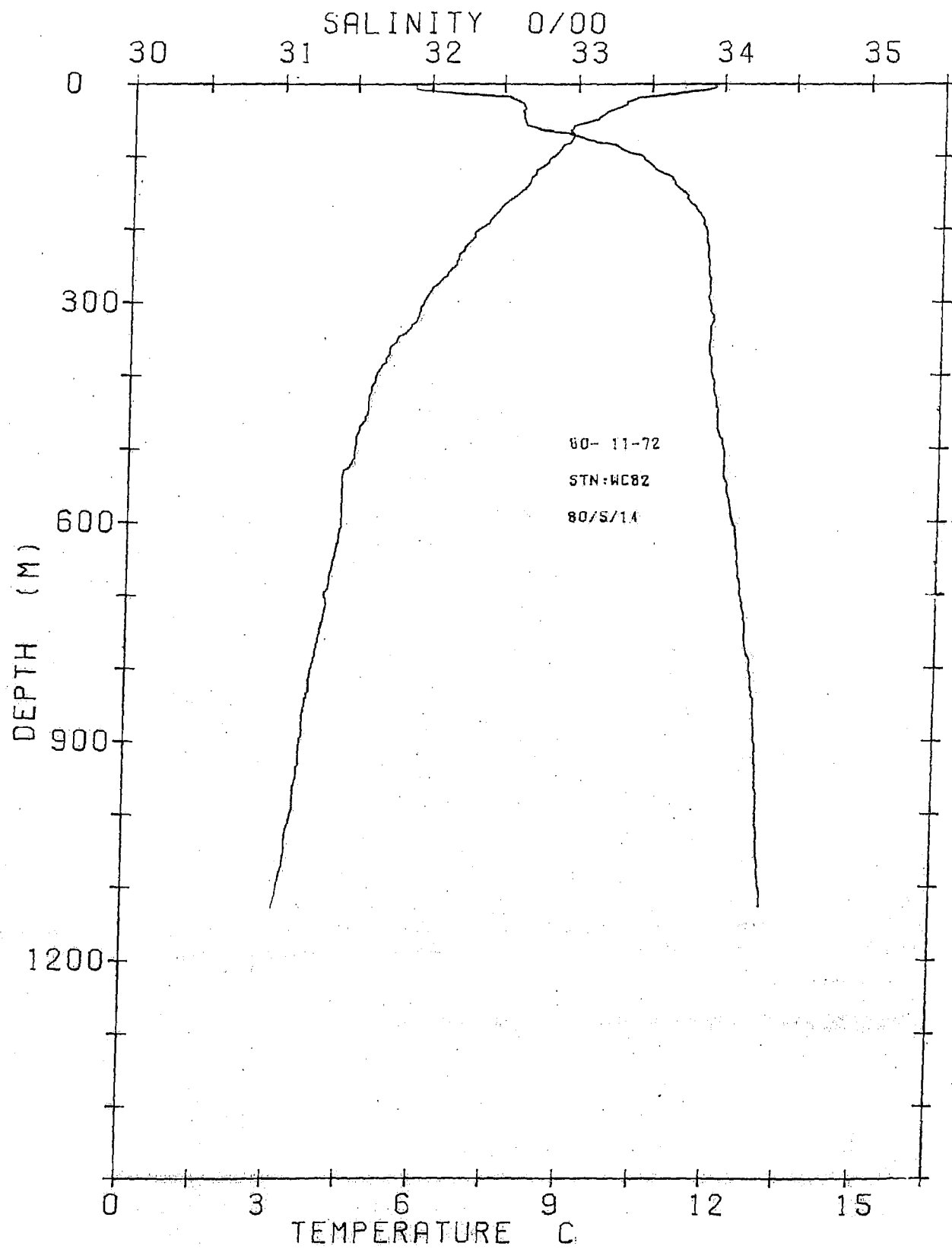
CRUISE : C.O.D.E. 80-11.
 STATION: W80 CONS #071
 LAT N 48 25.8 LONG W 126 50.0
 DATE 80/05/14 TIME (PST) 2003

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.67	31.91	24.28	365.5	.00	.00	1492.4
10	10.80	31.98	24.49	345.8	.36	.02	1489.6
20	9.56	32.08	24.77	318.8	.69	.07	1485.4
30	9.38	32.23	24.92	305.0	1.00	.15	1485.0
50	9.71	32.60	25.15	283.1	1.58	.38	1487.1
75	8.93	32.60	25.28	271.7	2.27	.81	1484.6
100	8.84	33.13	25.70	231.4	2.90	1.35	1485.3
125	8.44	33.47	26.03	200.7	3.43	1.95	1484.6
150	7.96	33.66	26.25	180.5	3.91	2.61	1483.5
175	7.68	33.79	26.39	166.9	4.34	3.31	1483.0
200	7.36	33.87	26.50	157.1	4.75	4.07	1482.2
225	7.09	33.89	26.56	152.2	5.14	4.89	1481.6
250	6.79	33.94	26.64	144.9	5.51	5.78	1480.9
300	6.30	33.95	26.71	138.2	6.22	7.73	1479.8
400	5.05	33.95	26.86	124.0	7.54	12.35	1476.3
500	4.63	34.04	26.98	113.1	8.73	17.69	1476.4
600	4.32	34.12	27.07	105.1	9.82	23.66	1476.8
800	3.82	34.23	27.22	92.9	11.79	37.40	1478.1
1000	3.38	34.32	27.33	82.5	13.53	53.07	1479.7
1200	2.96	34.36	27.40	76.1	15.11	70.45	1481.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1413.0	2.55	34.41	27.48	69.0	16.66	90.60	1483.1

WIND MIXED LAYER DEPTH = 4.9 METRES



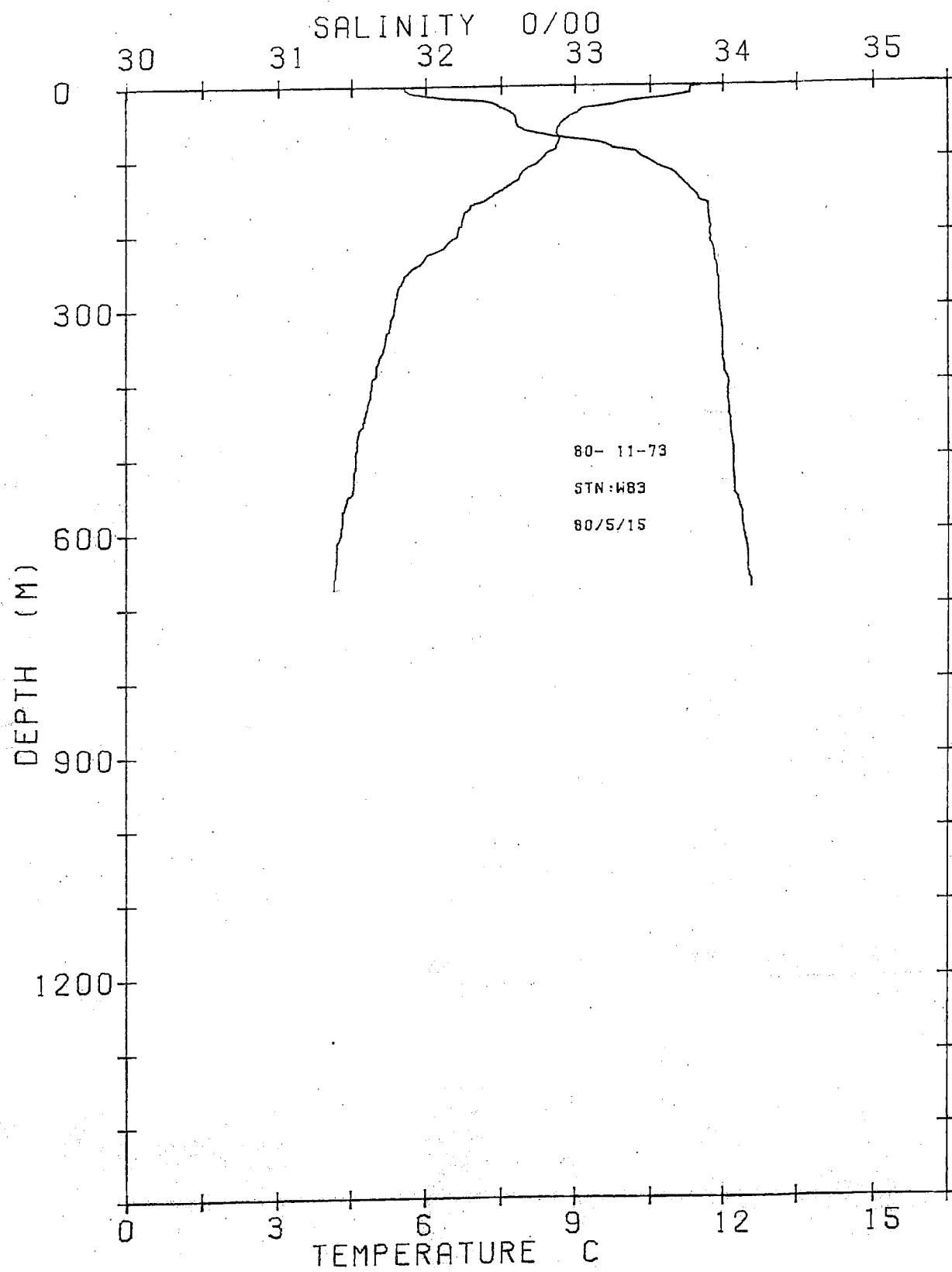
CRUISE : C.O.D.E. 80-11.
 STATION: WC82 CONS #072
 LAT N 48 37.2 LONG W 126 32.0
 DATE 80/05/14 TIME (PST) 2300

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.79	31.89	24.24	369.1	.00	.00	1492.8
10	11.49	31.96	24.35	359.2	.37	.02	1492.0
20	10.20	32.55	25.03	293.9	.69	.07	1488.3
30	9.95	32.63	25.14	284.1	.98	.14	1487.7
50	9.35	32.64	25.24	274.5	1.54	.36	1485.8
75	8.90	33.04	25.62	238.8	2.18	.76	1485.0
100	8.52	33.43	25.99	204.2	2.73	1.24	1484.5
125	8.18	33.60	26.17	187.2	3.22	1.79	1483.8
150	7.86	33.74	26.33	172.8	3.67	2.41	1483.2
175	7.42	33.83	26.47	160.0	4.09	3.08	1482.0
200	7.06	33.89	26.56	151.2	4.48	3.81	1481.1
225	6.75	33.91	26.62	146.0	4.85	4.60	1480.3
250	6.57	33.92	26.65	143.3	5.21	5.46	1480.0
300	5.94	33.93	26.74	135.2	5.90	7.37	1478.3
400	5.00	33.95	26.87	123.1	7.19	11.87	1476.1
500	4.60	34.05	26.99	112.7	8.37	17.18	1476.3
600	4.35	34.12	27.07	105.5	9.46	23.17	1476.9
800	3.80	34.26	27.24	90.2	11.43	36.86	1478.1
1000	3.46	34.33	27.33	82.7	13.14	52.27	1480.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1129.0	3.08	34.37	27.40	76.3	14.17	63.21	1480.6

WIND MIXED LAYER DEPTH = 7.6 METRES



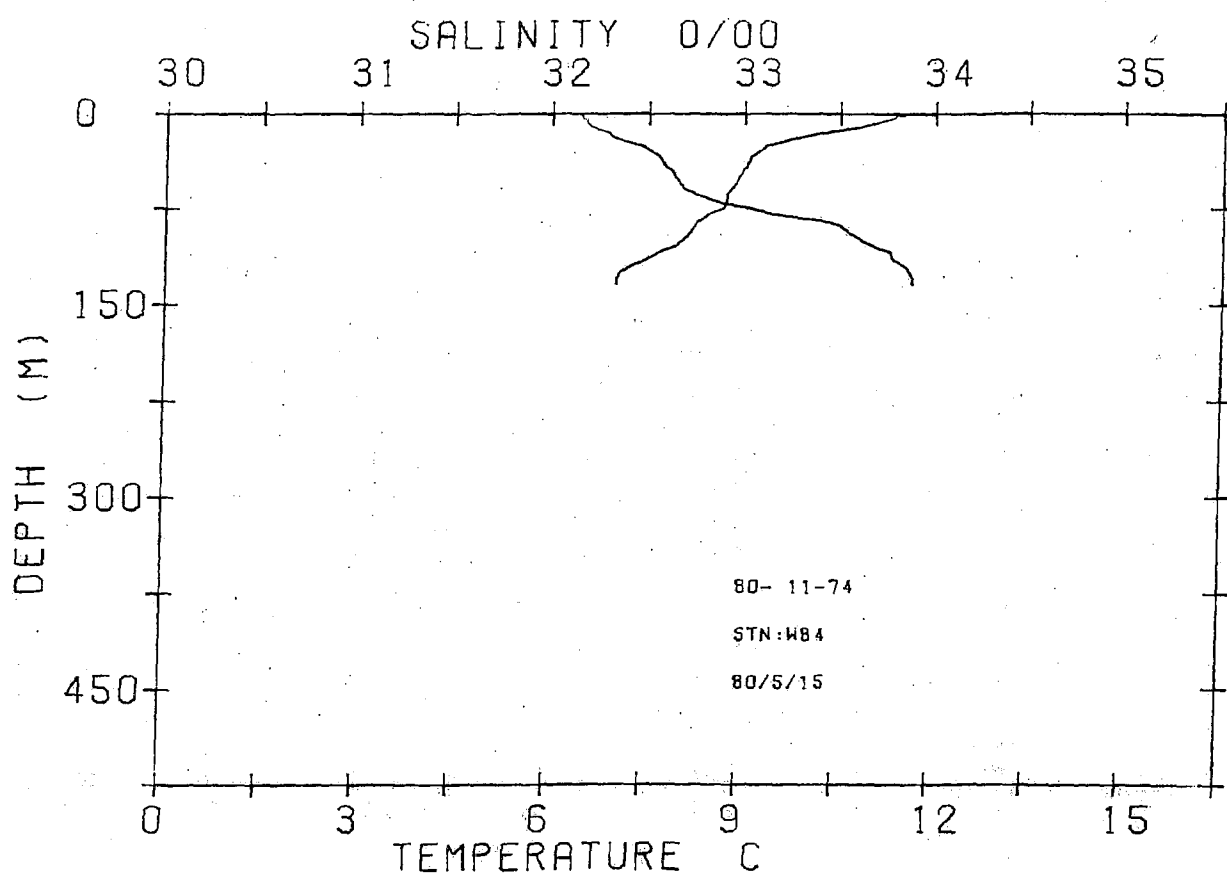
CRUISE : C.O.D.E. 80-11.
 STATION: W83 CONS #073
 LAT N 48 43.2 LONG W 126 22.5
 DATE 80/05/15 TIME (PST) 0056

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.52	31.76	24.19	373.8	.00	.00	1491.7
10	11.31	31.89	24.33	360.8	.36	.02	1491.3
20	10.24	32.33	24.86	310.7	.70	.07	1488.2
30	9.28	32.49	25.14	284.0	1.00	.14	1485.0
50	8.73	32.60	25.31	268.4	1.55	.36	1483.4
75	8.68	33.08	25.69	232.3	2.19	.76	1484.2
100	8.31	33.47	26.05	198.3	2.72	1.23	1483.8
125	7.87	33.69	26.29	176.0	3.19	1.75	1482.8
150	7.31	33.82	26.47	159.5	3.61	2.32	1481.2
175	6.75	33.89	26.61	146.6	3.99	2.94	1479.5
200	6.63	33.90	26.63	144.9	4.35	3.62	1479.4
225	6.12	33.94	26.72	135.9	4.70	4.37	1477.8
250	5.66	33.96	26.80	128.9	5.04	5.16	1476.4
300	5.37	33.98	26.85	124.5	5.67	6.89	1476.1
400	4.91	34.04	26.95	115.7	6.88	11.12	1475.9
500	4.60	34.07	27.01	110.8	8.01	16.24	1476.3
600	4.28	34.14	27.10	102.9	9.09	22.14	1476.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
677.0	4.13	34.19	27.15	98.2	9.86	27.06	1477.4

WIND MIXED LAYER DEPTH = 9.8 METRES



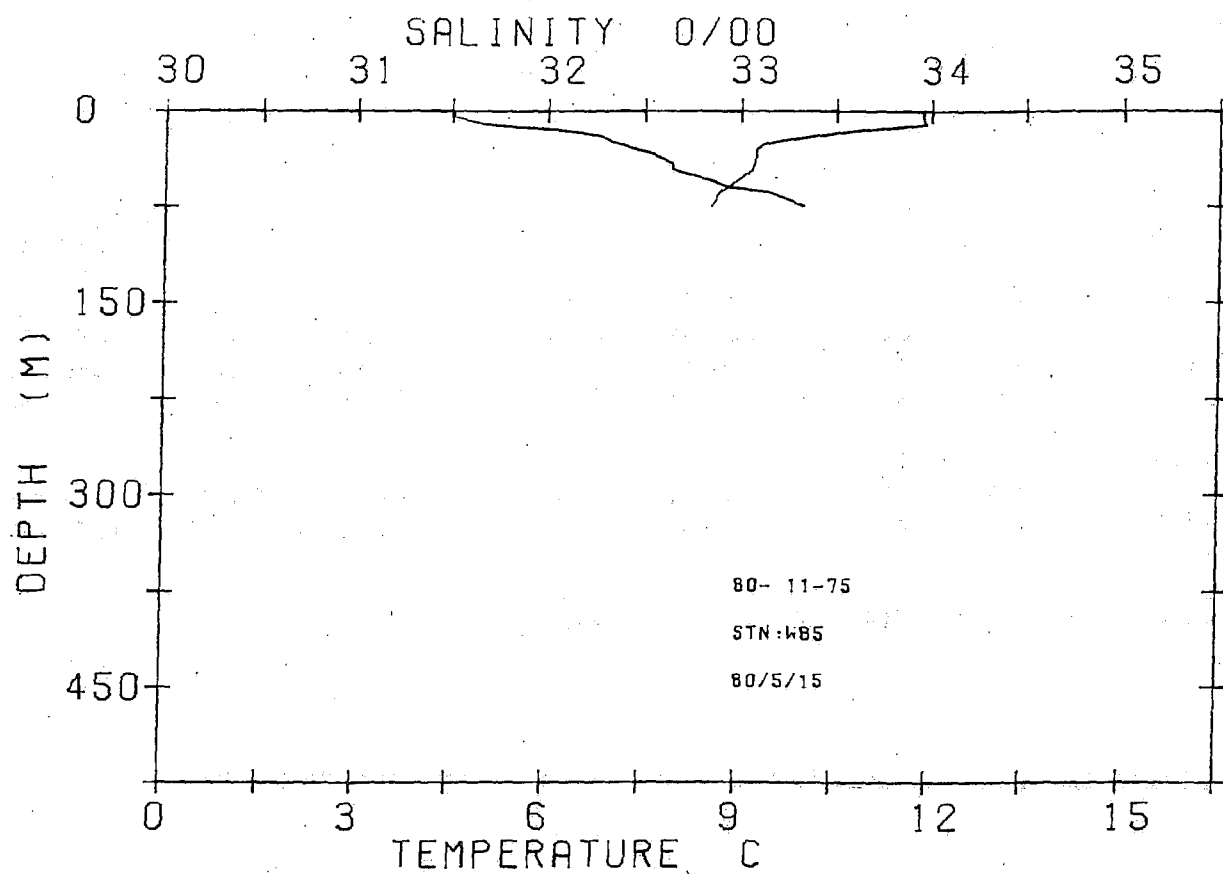
CRUISE : C.O.D.E. 80-11.
 STATION: W84 CONS #074
 LAT N 48 49.0 LONG W 126 13.0
 DATE 80/05/15 TIME (PST) 0243

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.49	32.14	24.49	345.4	.00	.00	1492.1
10	10.84	32.20	24.65	330.2	.34	.02	1490.0
20	9.81	32.32	24.92	304.9	.65	.06	1486.6
30	9.25	32.52	25.16	281.6	.94	.14	1484.9
50	8.93	32.64	25.31	268.3	1.49	.35	1484.2
75	8.69	33.04	25.66	235.5	2.14	.75	1484.2
100	8.05	33.62	26.21	183.6	2.64	1.20	1482.9
125	7.07	33.87	26.54	151.8	3.06	1.66	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
135.0	7.01	33.89	26.57	149.7	3.21	1.86	1479.8

WIND MIXED LAYER DEPTH = 4.1 METRES

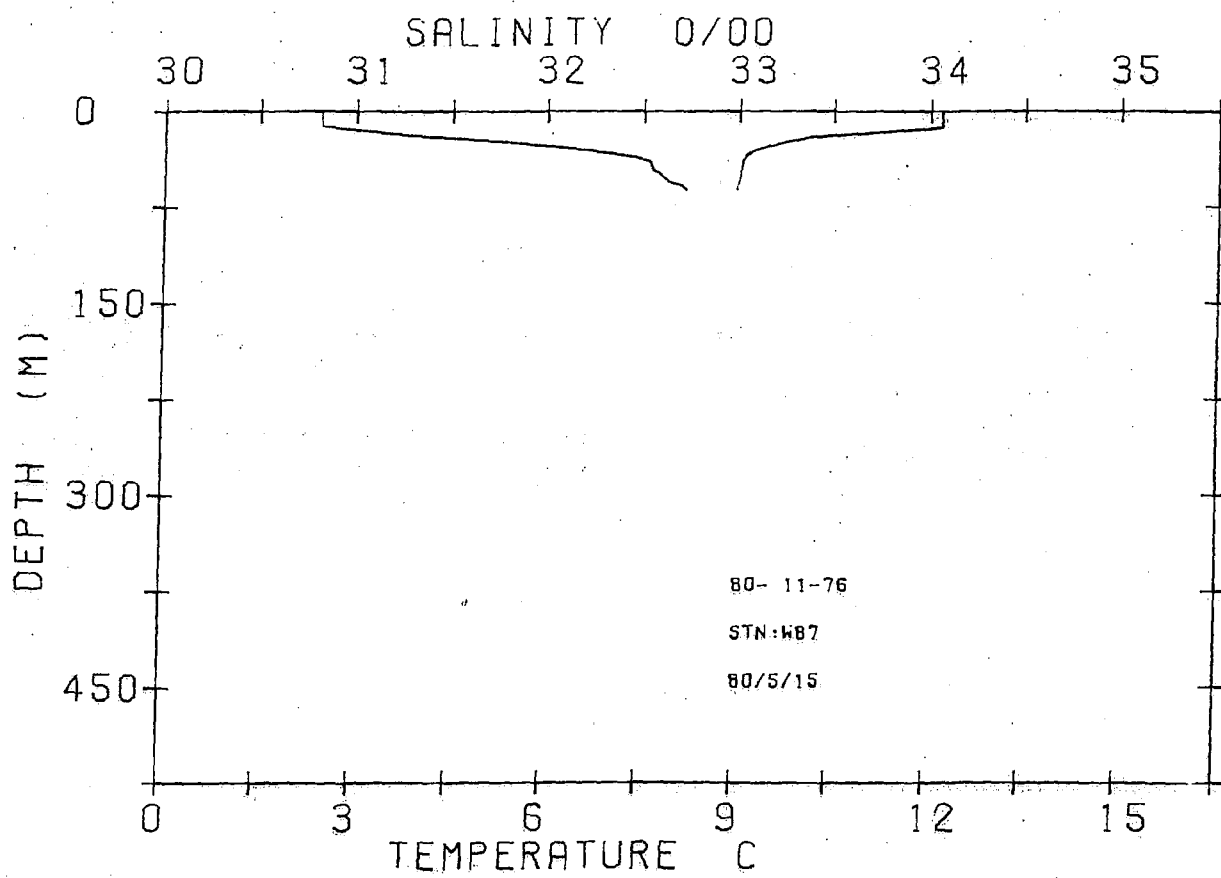


CRUISE : C.O.D.E. 80-11.
 STATION: W85 CONS #075
 LAT N 48 55.0 LONG W 126 03.2
 DATE 80/05/15 TIME (PST) 0355

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.85	31.51	23.94	397.8	.00	.00	1492.6
10	11.90	31.66	24.04	388.2	.40	.02	1493.1
20	10.15	32.26	24.81	314.7	.74	.07	1487.8
30	9.25	32.44	25.10	287.6	1.04	.15	1484.8
50	9.07	32.73	25.36	263.7	1.59	.36	1484.8
75	8.55	33.33	25.91	211.9	2.18	.73	1484.1

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
75.0	8.55	33.33	25.91	211.9	2.18	.73	1484.1

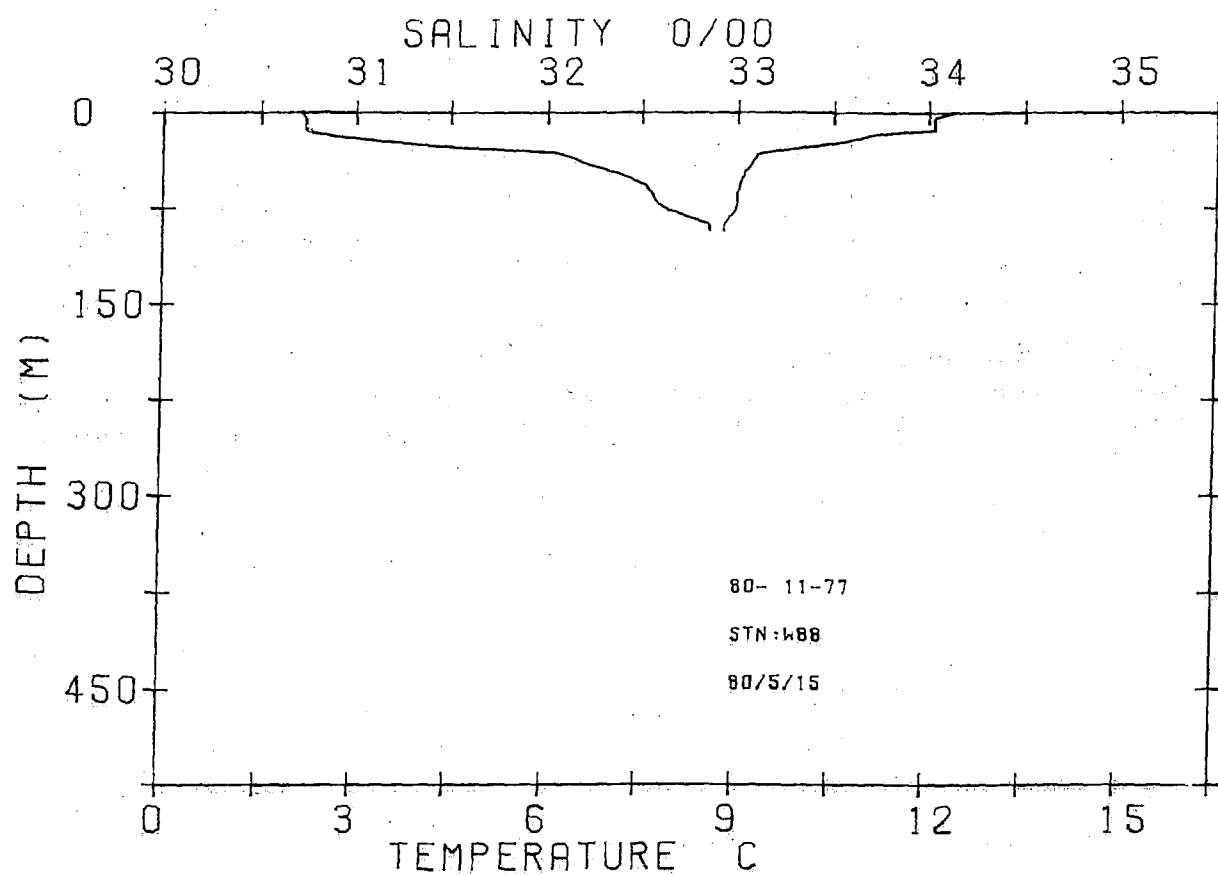


CRUISE : C.O.D.E. 80-11.
 STATION: W87 CONS #076
 LAT N 48 54.5 LONG W 125 54.7
 DATE 80/05/15 TIME (PST) 0443

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.18	30.81	23.34	455.4	.00	.00	1492.8
10	12.17	30.82	23.34	454.9	.46	.03	1493.0
20	10.18	31.34	24.09	383.3	.88	.09	1486.7
30	9.25	32.18	24.90	306.9	1.22	.17	1484.5
50	9.03	32.59	25.25	273.5	1.79	.40	1484.5

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
62.0	8.97	32.72	25.36	263.1	2.11	.58	1484.7



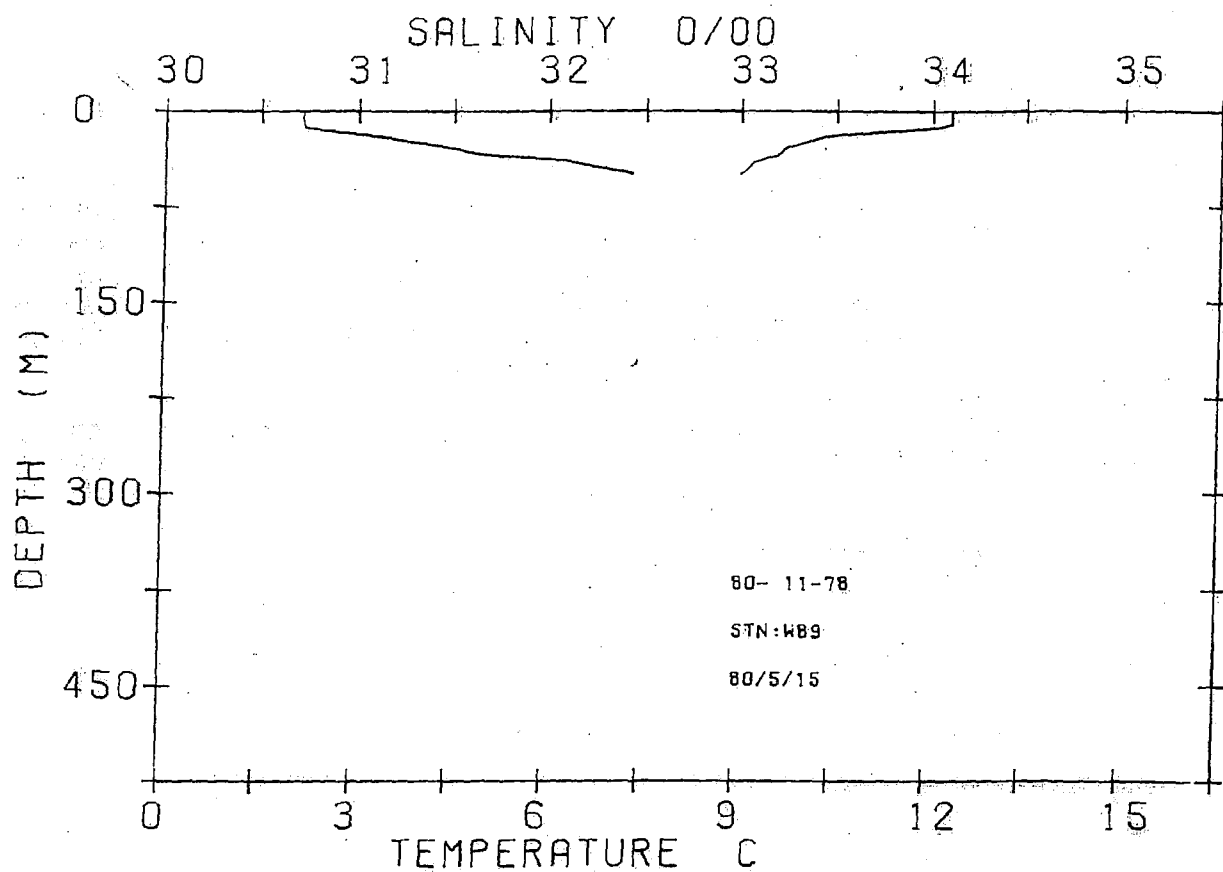
CRUISE : C.O.D.E. 80-11.
 STATION: W88 CONS #077
 LAT N 48 54.0 LONG W 125 46.0
 DATE 80/05/15 TIME (PST) 0523

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.40	30.71	23.22	466.4	.00	.00	1493.5
10	12.10	30.73	23.29	460.2	.46	.03	1492.6
20	10.87	31.00	23.71	419.5	.91	.09	1488.8
30	9.61	31.81	24.56	339.5	1.29	.18	1485.4
50	9.09	32.41	25.10	287.8	1.90	.43	1484.5
75	8.98	32.62	25.28	270.9	2.60	.86	1484.8

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
93.0	8.80	32.86	25.50	250.8	3.06	1.25	1484.7

WIND MIXED LAYER DEPTH = 10.7 METRES

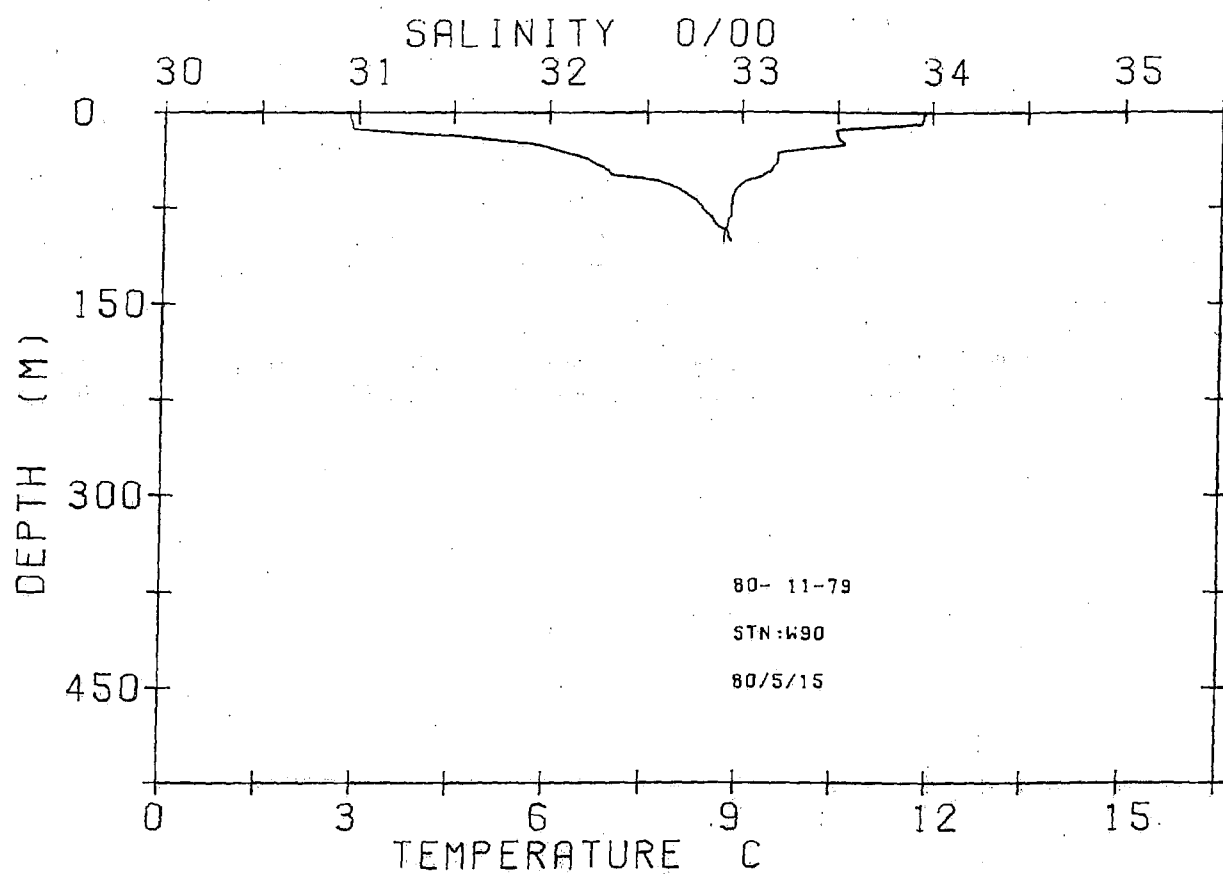


CRUISE : C.O.D.E. 80-11.
 STATION: W89 CONS #078
 LAT N 48 48.5 LONG W 125 46.8
 DATE 80/05/15 TIME (PST) 0607

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.32	30.72	23.24	464.8	.00	.00	1493.2
10	12.30	30.71	23.23	465.4	.47	.02	1493.3
20	10.30	31.11	23.89	402.4	.91	.09	1486.8
30	9.70	31.50	24.30	364.3	1.29	.18	1485.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
49.0	9.01	32.43	25.13	285.0	1.90	.42	1484.2



CRUISE : C.O.D.E. 80-11.

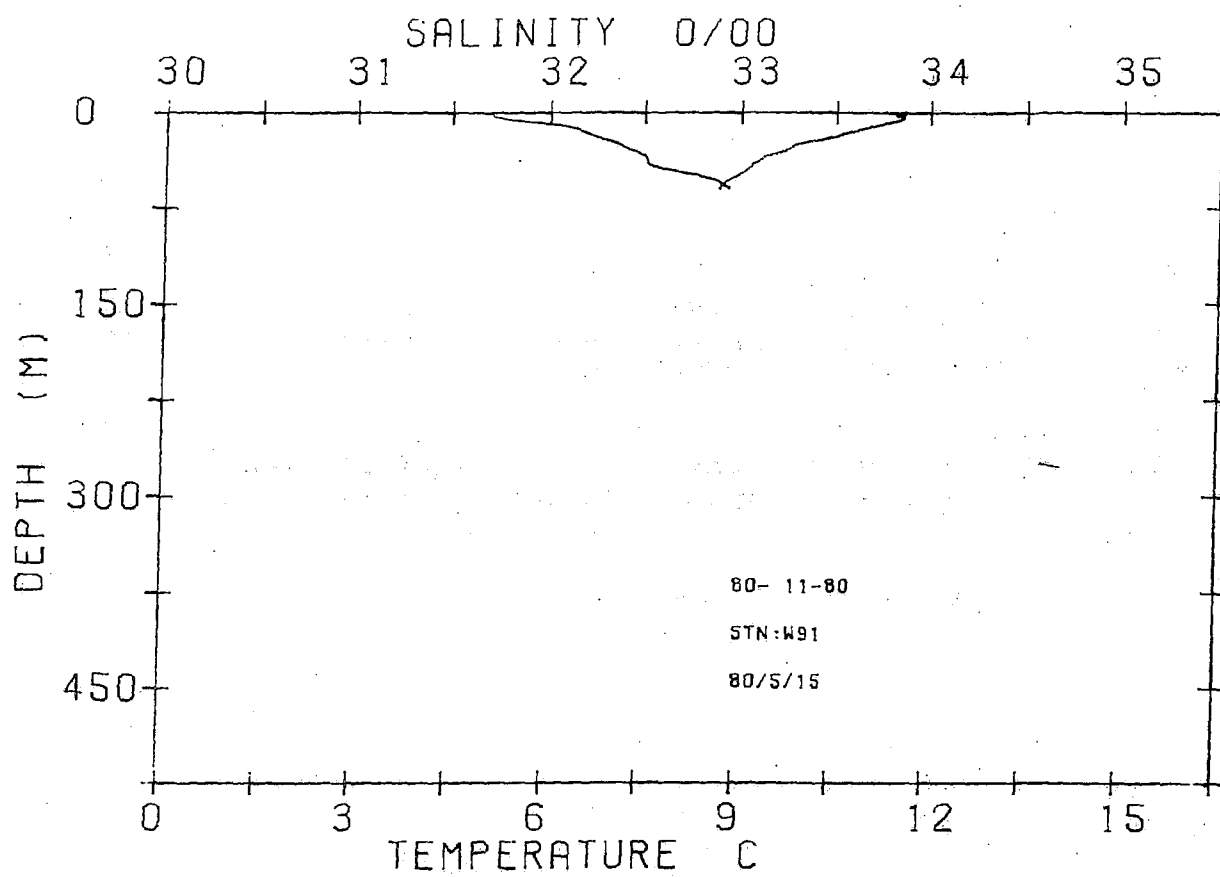
STATION: W90 CONS #079
 LAT N 48 43.0 LONG W 125 47.3
 DATE 80/05/15 TIME (PST) 0654

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.86	30.95	23.50	439.6	.00	.00	1491.9
10	11.56	30.97	23.57	433.3	.44	.02	1491.0
20	10.51	31.64	24.27	366.4	.84	.08	1488.3
30	9.74	32.05	24.72	324.3	1.19	.17	1486.2
50	9.29	32.37	25.04	293.9	1.80	.41	1485.2
75	8.86	32.80	25.44	256.1	2.47	.83	1484.5
100	8.73	32.94	25.58	243.6	3.10	1.37	1484.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
102.0	8.72	32.95	25.58	243.0	3.14	1.42	1484.7

WIND MIXED LAYER DEPTH = 6.5 METRES

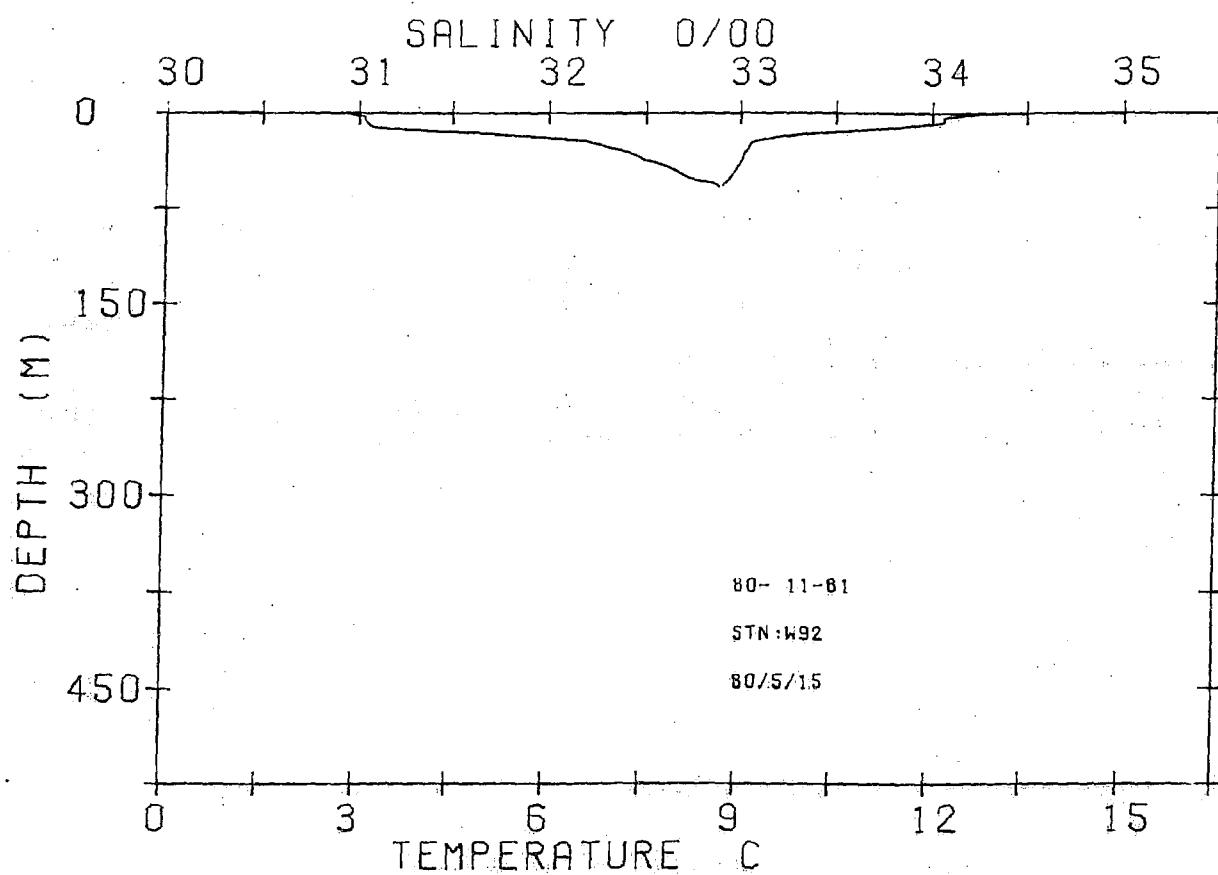


CRUISE : C.O.D.E. 80-11.
 STATION: W91 CONS #080
 LAT N 48 37.3 LONG W 125 47.8
 DATE 80/05/15 TIME (PST) 0742

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.53	31.66	24.11	381.3	.00	.00	1491.6
10	11.10	32.08	24.51	343.4	.37	.02	1490.8
20	10.30	32.26	24.79	317.0	.70	.07	1488.3
30	9.67	32.43	25.03	294.8	1.00	.14	1486.4
50	8.91	32.80	25.43	256.1	1.56	.36	1484.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
60.0	8.67	32.94	25.58	242.3	1.81	.50	1483.8

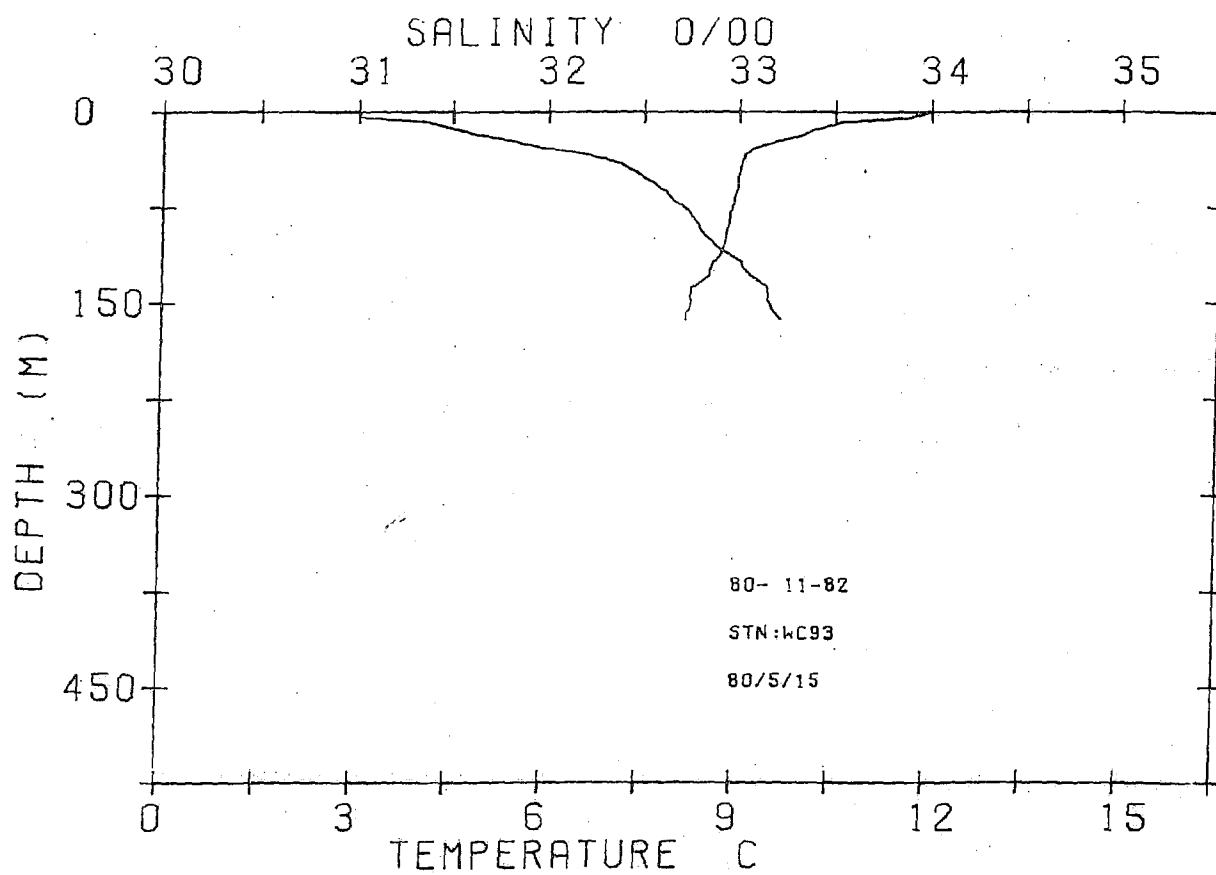


CRUISE : C.O.D.E. 80-11.
 STATION: W92 CONS #081
 LAT N 48 39.2 LONG W 125 39.0
 DATE 80/05/15 TIME (PST) 0835

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.91	30.82	23.21	466.9	.00	.00	1495.4
10	11.65	31.06	23.63	427.9	.44	.02	1491.4
20	9.50	31.98	24.70	325.3	.82	.08	1485.0
30	9.09	32.37	25.07	290.3	1.12	.15	1484.1
50	8.86	32.71	25.37	262.1	1.67	.37	1484.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
61.0	8.72	32.91	25.55	245.3	1.95	.53	1483.9



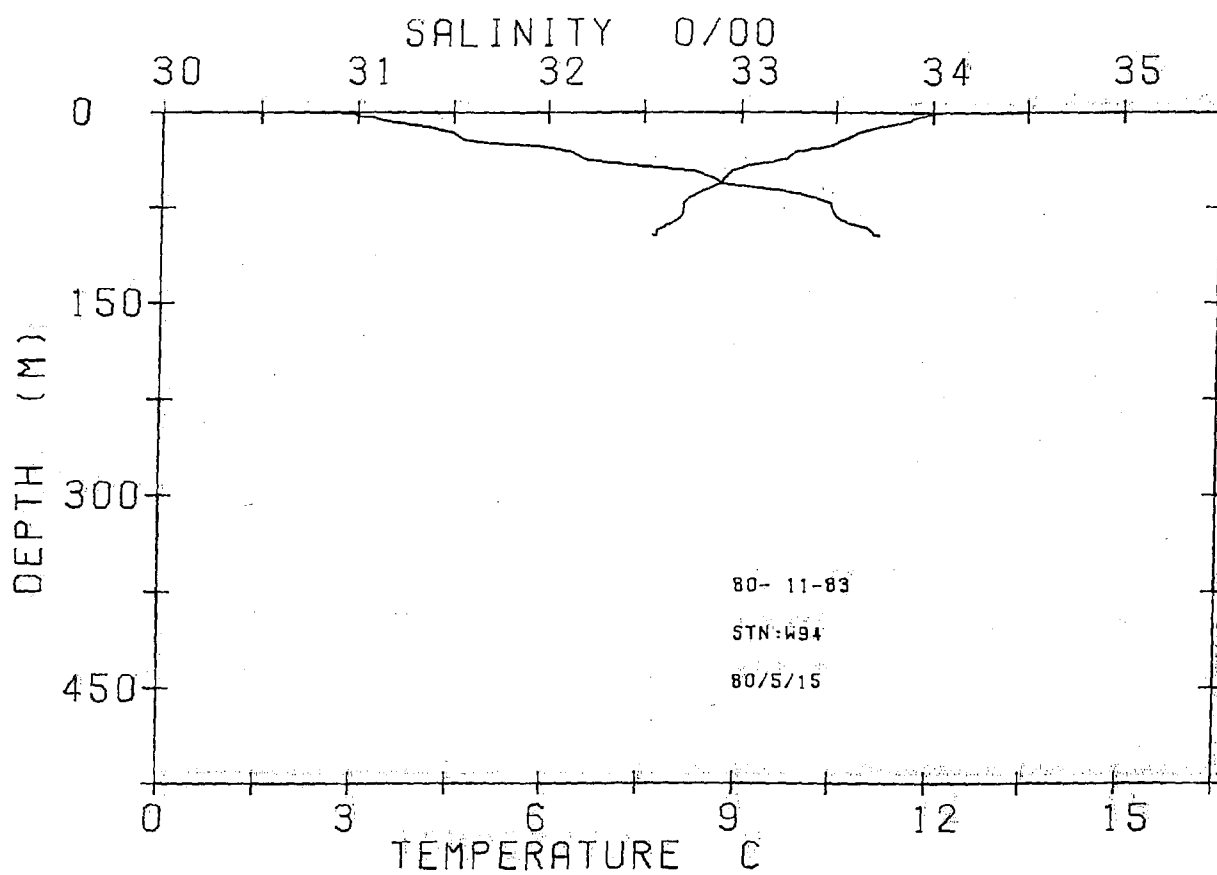
CRUISE : C.O.D.E. 80-11.
 STATION: WC93 CONS #082
 LAT N 48 41.0 LONG W 125 27.5
 DATE 80/05/15 TIME (PST) 0926

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.93	31.01	23.53	436.4	.00	.00	1492.2
10	10.44	31.42	24.11	381.5	.41	.02	1487.6
20	9.83	31.69	24.43	351.7	.78	.08	1485.8
30	9.18	32.06	24.81	314.8	1.11	.16	1484.1
50	9.01	32.49	25.18	280.7	1.70	.39	1484.3
75	8.91	32.71	25.36	263.4	2.38	.81	1484.6
100	8.80	32.84	25.49	252.1	3.02	1.38	1484.8
125	8.58	33.04	25.68	234.4	3.63	2.06	1484.6
150	8.27	33.17	25.82	221.1	4.19	2.83	1484.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
163.0	8.18	33.23	25.88	215.4	4.48	3.28	1484.0

WIND MIXED LAYER DEPTH = 3.6 METRES



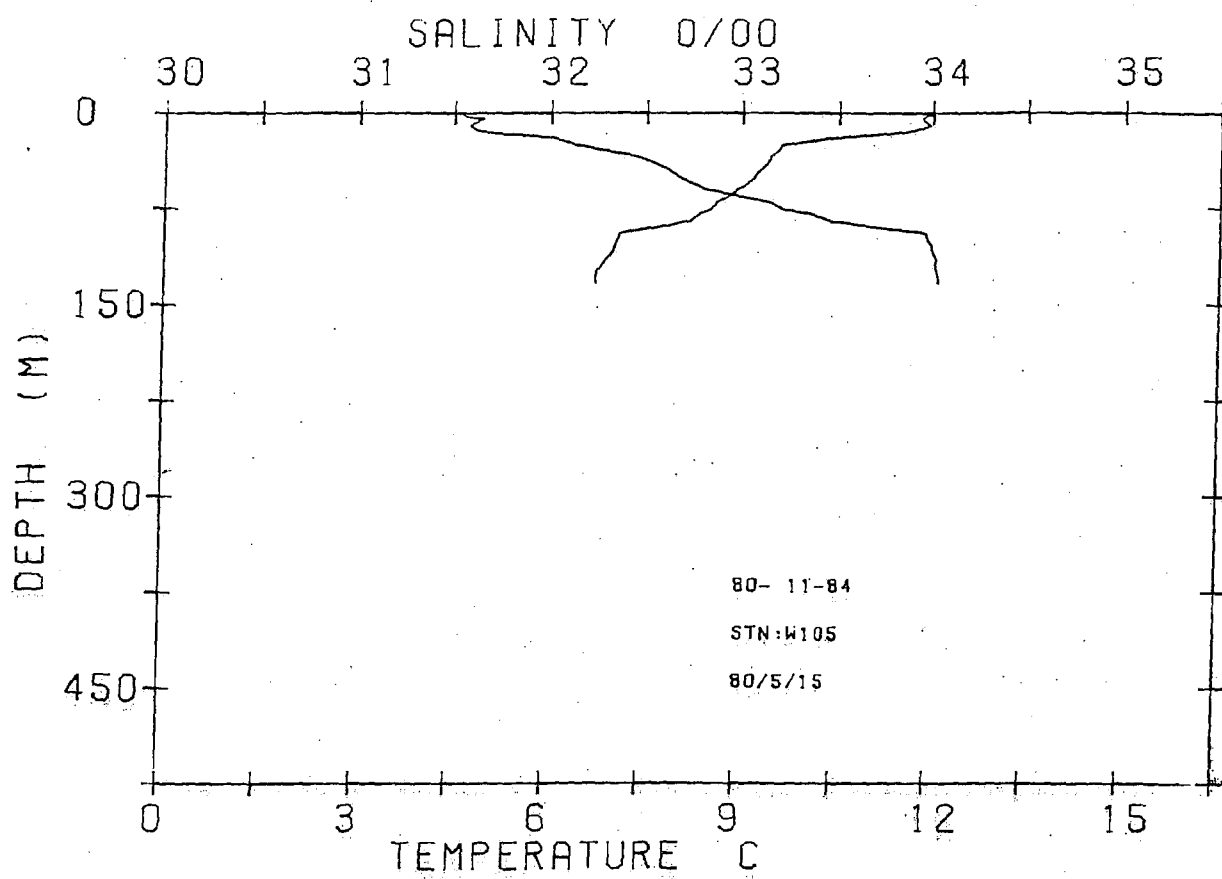
CRUISE : C.O.D.E. 80-11.
 STATION: W94 CONS #083
 LAT N 48 43.2 LONG W 125 22.8
 DATE 80/05/15 TIME (PST) 1036

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.11	30.90	23.42	447.3	.00	.00	1492.7
10	11.38	31.28	23.84	407.3	.43	.02	1490.8
20	10.68	31.54	24.16	376.8	.82	.08	1488.7
30	10.06	32.07	24.68	327.8	1.17	.17	1487.3
50	8.78	32.82	25.47	252.7	1.75	.40	1483.9
75	8.11	33.49	26.09	193.9	2.31	.74	1482.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
98.0	7.64	33.73	26.35	169.6	2.73	1.10	1481.5

WIND MIXED LAYER DEPTH = 6.0 METRES



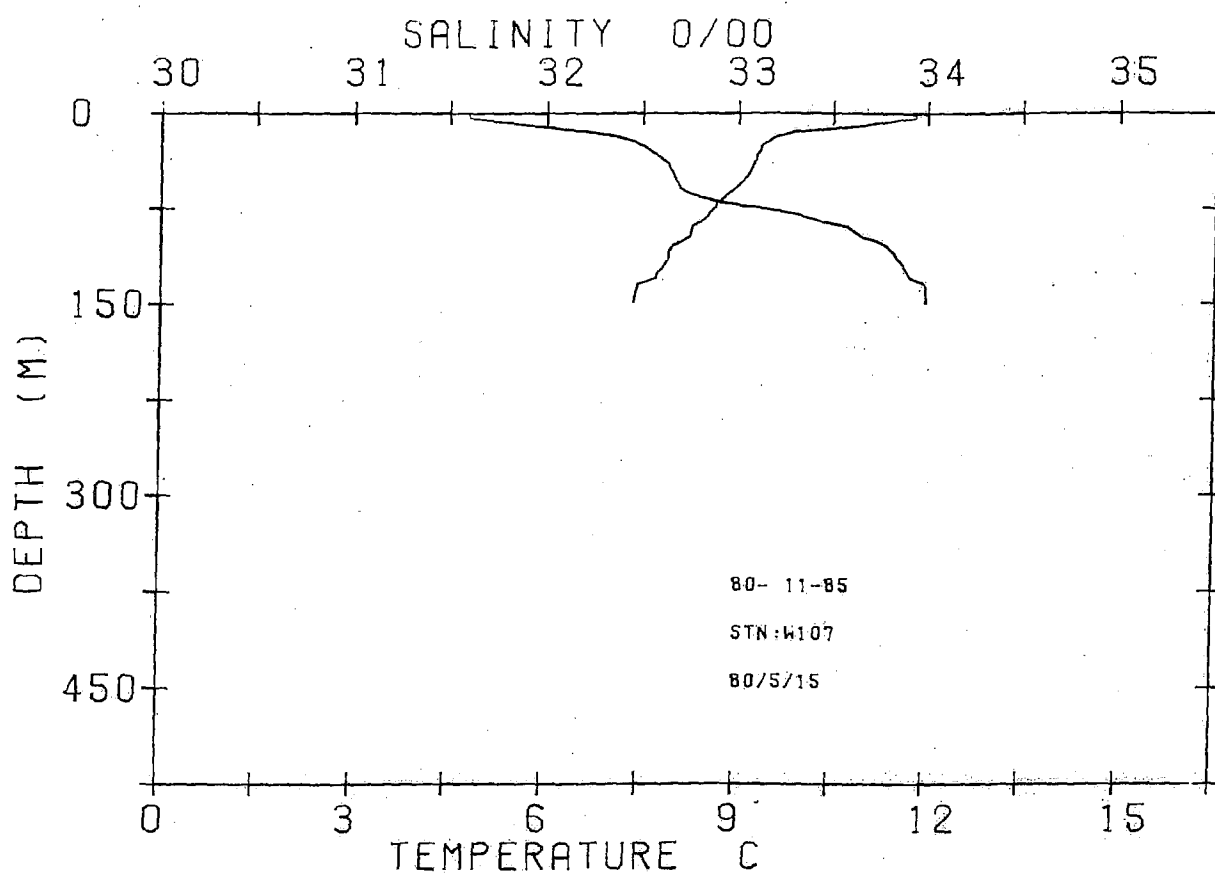
CRUISE : C.O.D.E. 80-11.
 STATION: W105 CONS #084
 LAT N 48 25.5 LONG W 125 28.3
 DATE 80/05/15 TIME (PST) 1200

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.00	31.50	23.90	401.4	.00	.00	1493.1
10	11.96	31.58	23.97	395.1	.39	.02	1493.2
20	10.40	32.01	24.58	337.2	.77	.08	1488.3
30	9.54	32.29	24.94	303.1	1.09	.15	1485.7
50	9.21	32.67	25.29	270.3	1.65	.38	1485.3
75	8.54	33.21	25.81	220.9	2.27	.76	1483.9
100	7.06	33.98	26.63	143.1	2.73	1.15	1479.6
125	6.73	34.03	26.72	135.4	3.07	1.55	1478.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
133.0	6.73	34.04	26.72	134.8	3.18	1.68	1478.9

WIND MIXED LAYER DEPTH = 9.0 METRES



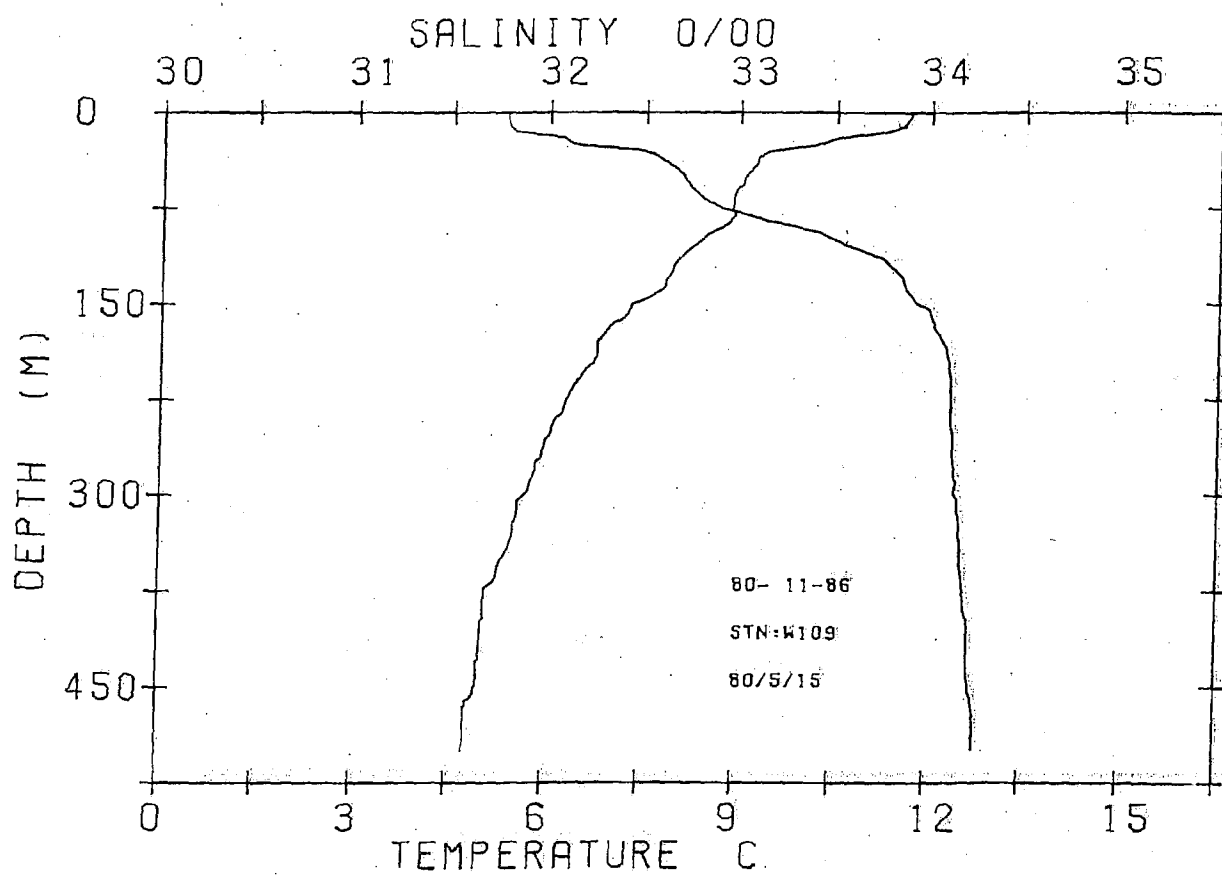
CRUISE : C.O.D.E. 80-11.
 STATION: W107 CONS #085
 LAT N 48 18.6 LONG W 125 41.2
 DATE 80/05/15 TIME (PST) 1300

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.77	31.59	24.01	391.0	.00	.00	1492.4
10	10.87	31.95	24.45	349.2	.38	.02	1489.8
20	9.54	32.39	25.02	295.5	.70	.07	1485.7
30	9.33	32.54	25.17	281.4	.98	.14	1485.3
50	9.13	32.67	25.30	269.3	1.53	.36	1485.0
75	8.64	33.11	25.72	229.5	2.17	.75	1484.1
100	8.15	33.72	26.27	177.6	2.67	1.19	1483.5
125	7.77	33.90	26.46	159.6	3.09	1.65	1482.6
150	7.37	34.00	26.60	146.6	3.46	2.17	1481.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
150.0	7.37	34.00	26.60	146.6	3.46	2.17	1481.6

WIND MIXED LAYER DEPTH = 5.7 METRES



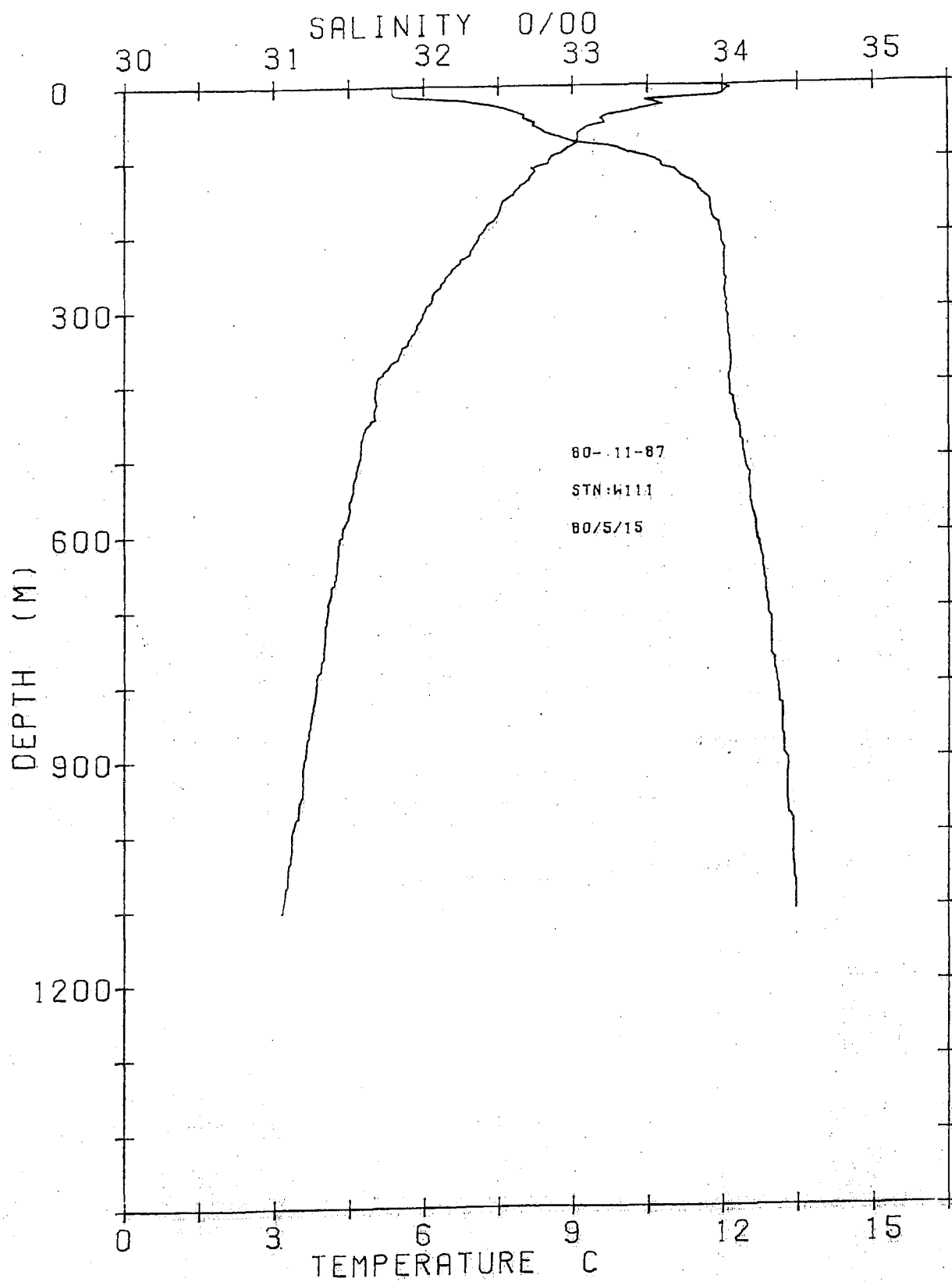
CRUISE : C.O.D.E. 80-11.
 STATION: W109 CONS #086
 LAT N 48 12.9 LONG W 125 52.0
 DATE 80/05/15 TIME (PST) 1418

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.68	31.79	24.18	374.7	.00	.00	1492.3
10	11.58	31.79	24.20	373.0	.37	.02	1492.1
20	10.52	32.07	24.60	334.7	.73	.07	1488.9
30	9.44	32.48	25.10	287.5	1.05	.15	1485.6
50	9.09	32.70	25.33	266.2	1.60	.37	1484.9
75	8.89	32.90	25.52	248.8	2.25	.77	1484.8
100	8.40	33.50	26.06	197.5	2.81	1.26	1484.1
125	7.94	33.82	26.38	167.5	3.26	1.76	1483.2
150	7.33	33.93	26.55	151.3	3.66	2.32	1481.4
175	6.84	34.06	26.72	135.4	4.02	2.89	1480.0
200	6.63	34.11	26.79	129.3	4.35	3.51	1479.7
225	6.32	34.12	26.84	124.8	4.66	4.19	1478.9
250	6.08	34.13	26.88	121.7	4.97	4.92	1478.3
300	5.67	34.14	26.94	116.2	5.57	6.55	1477.5
400	5.04	34.22	27.08	103.8	6.66	10.37	1476.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
499.0	4.77	34.26	27.14	98.7	7.67	14.89	1477.2

WIND MIXED LAYER DEPTH = 11.4 METRES



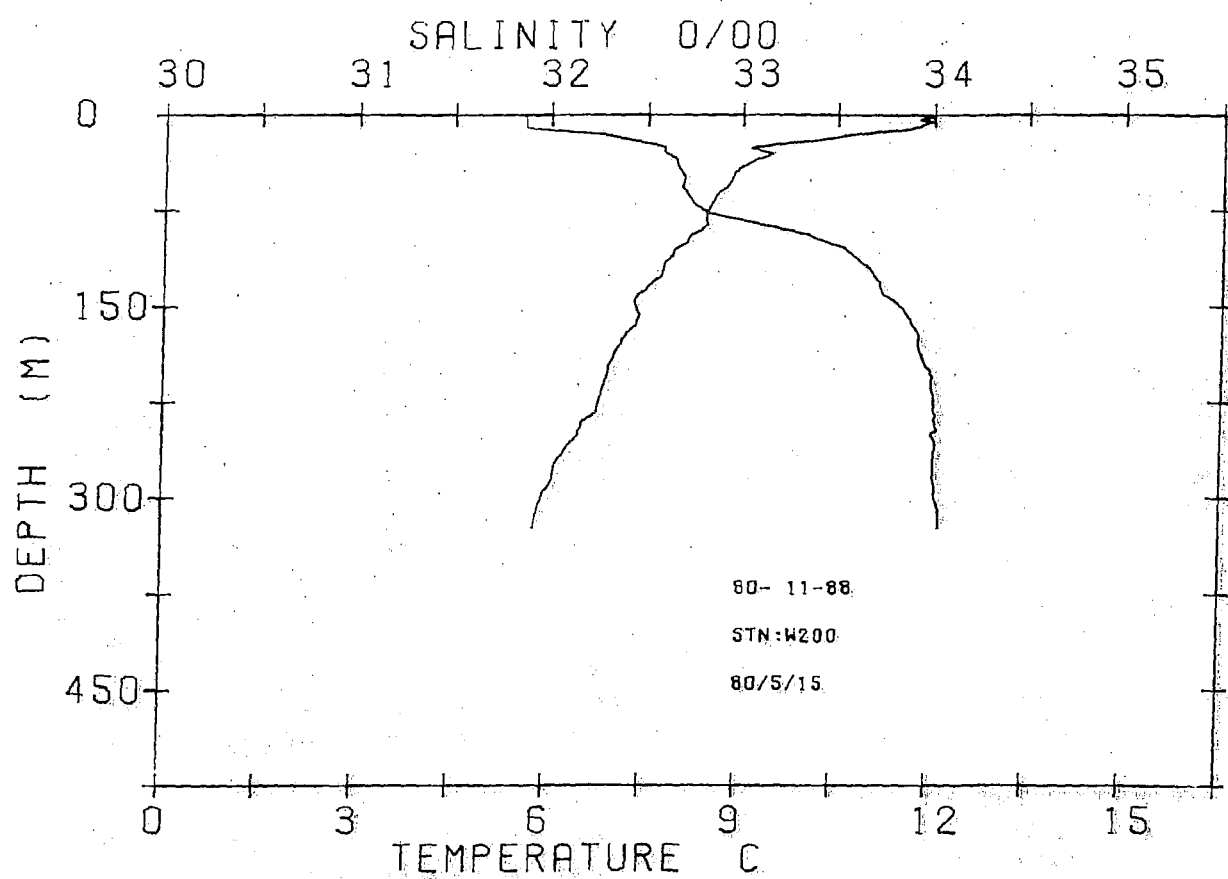
CRUISE : C.O.D.E. 80-11.
 STATION: W111 CONS #067
 LAT N 48 08.5 LONG W 126 00.0
 DATE 80/05/15 TIME (PST) 1537

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.99	31.78	24.12	380.5	.00	.00	1493.4
10	12.02	31.79	24.12	380.7	.38	.02	1493.7
20	10.44	32.27	24.77	318.6	.74	.07	1488.8
30	10.51	32.53	24.96	300.7	1.05	.15	1489.6
50	9.65	32.75	25.28	271.1	1.62	.38	1487.0
75	9.12	33.01	25.57	244.1	2.27	.78	1485.8
100	8.54	33.55	26.08	195.8	2.81	1.25	1484.7
125	8.14	33.76	26.30	174.9	3.27	1.77	1483.9
150	7.72	33.89	26.47	159.3	3.69	2.34	1482.8
175	7.47	33.93	26.53	153.6	4.08	2.97	1482.3
200	7.13	33.99	26.63	145.0	4.45	3.67	1481.5
225	6.94	34.01	26.67	141.2	4.81	4.43	1481.2
250	6.55	34.01	26.72	136.4	5.15	5.25	1480.0
300	6.04	34.03	26.81	129.0	5.82	7.07	1478.8
400	5.08	34.05	26.94	116.9	7.04	11.36	1476.6
500	4.70	34.15	27.06	106.1	8.16	16.37	1476.8
600	4.37	34.23	27.16	97.3	9.17	21.94	1477.2
800	3.85	34.37	27.33	82.7	10.96	34.41	1478.5
1000	3.37	34.47	27.45	71.3	12.50	48.26	1479.9

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
1105.0	3.16	34.49	27.49	68.2	13.24	55.98	1480.7

WIND MIXED LAYER DEPTH = 7.1 METRES



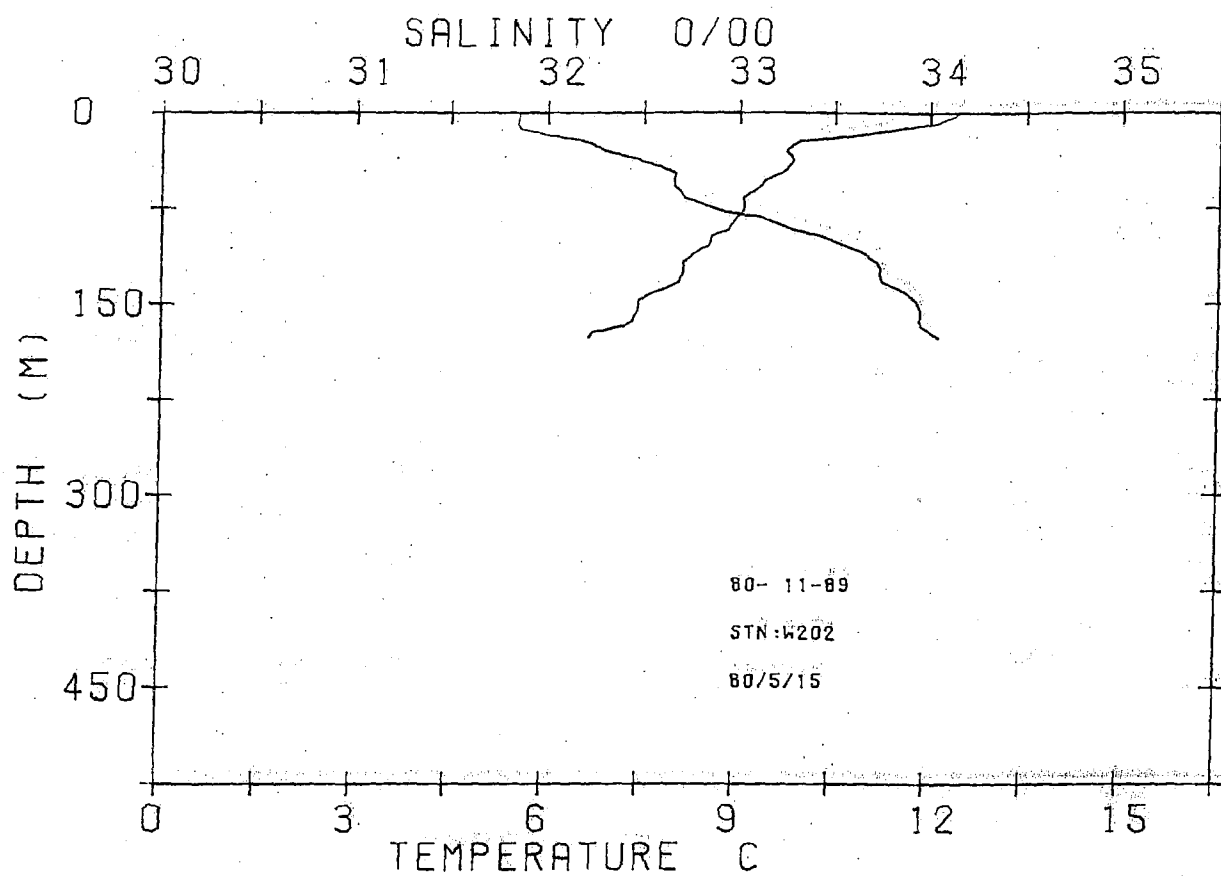
CRUISE : C.O.D.E. 80-11.
 STATION: W200 CONS #088
 LAT N 48 04.0 LONG W 125 55.3
 DATE 80/05/15 TIME (PST) 1708

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.89	31.86	24.20	373.0	.00	.00	1493.2
10	11.63	31.87	24.25	368.0	.37	.02	1492.4
20	10.21	32.40	24.91	305.3	.70	.07	1488.2
30	9.47	32.59	25.18	279.8	.99	.14	1485.8
50	8.84	32.70	25.37	262.5	1.52	.35	1483.9
75	8.48	32.79	25.49	251.0	2.17	.76	1483.1
100	8.15	33.43	26.05	198.8	2.73	1.24	1483.1
125	7.74	33.70	26.31	174.0	3.19	1.76	1482.3
150	7.35	33.84	26.48	158.2	3.60	2.33	1481.4
175	7.15	33.94	26.59	148.6	3.99	2.95	1481.1
200	6.93	33.99	26.66	142.2	4.35	3.64	1480.7
225	6.80	34.02	26.70	138.5	4.70	4.38	1480.6
250	6.47	34.00	26.73	136.1	5.04	5.19	1479.7
300	5.91	34.03	26.82	127.4	5.70	6.99	1478.3

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
324.0	5.80	34.05	26.85	124.8	6.00	7.93	1478.3

WIND MIXED LAYER DEPTH = 7.9 METRES



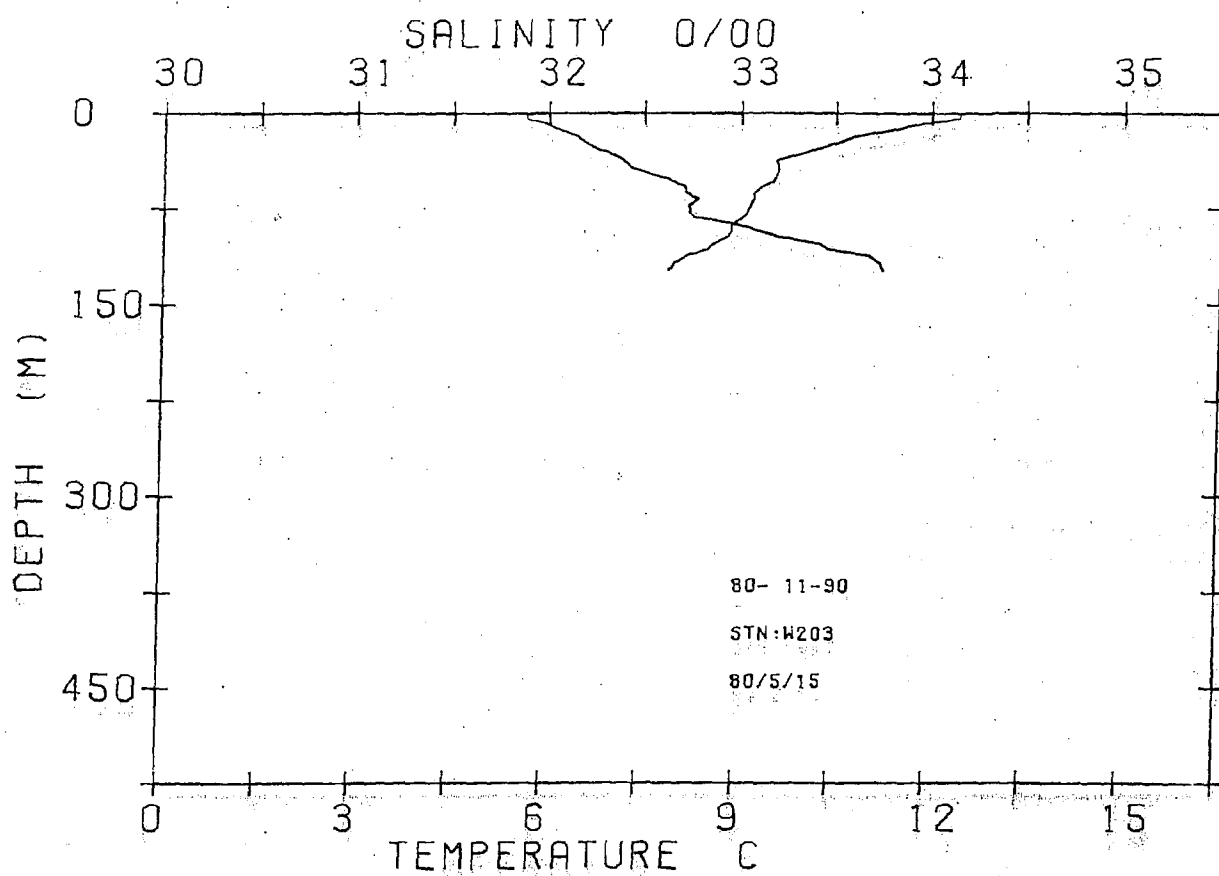
CRUISE : C.O.D.E. 80-11.
 STATION: W202 CONS #089
 LAT N 48 04.0 LONG W 125 35.9
 DATE 80/05/15 TIME (PST) 1900

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.41	31.85	24.09	383.0	.00	.00	1494.9
10	11.90	31.85	24.19	374.5	.38	.02	1493.3
20	10.42	32.08	24.63	332.4	.73	.07	1488.5
30	9.71	32.30	24.92	305.0	1.05	.15	1486.4
50	9.57	32.67	25.23	276.1	1.63	.38	1486.6
75	9.08	32.87	25.46	254.1	2.30	.80	1485.5
100	8.55	33.47	26.02	201.7	2.87	1.29	1484.7
125	8.13	33.75	26.29	175.7	3.33	1.81	1483.8
150	7.45	33.94	26.55	151.9	3.74	2.38	1481.9
175	6.68	34.03	26.72	135.6	4.11	2.98	1479.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
177.0	6.65	34.05	26.74	133.7	4.14	3.02	1479.3

WIND MIXED LAYER DEPTH = 6.5 METRES



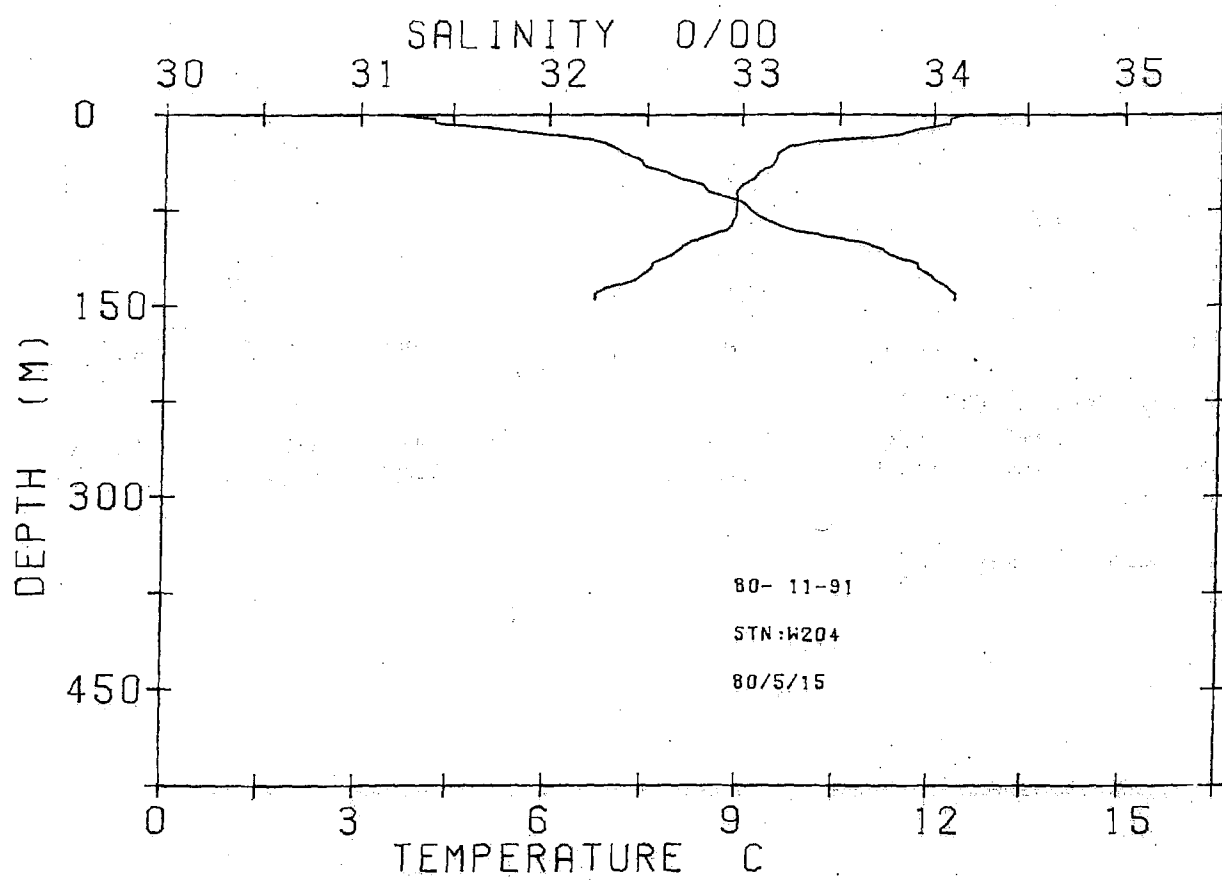
CRUISE : C.O.D.E. 80-11.
 STATION: W203 CONS #090
 LAT N 48 04.0 LONG W 125 25.3
 DATE 80/05/15 TIME (PST) 1955

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.41	31.88	24.12	380.8	.00	.00	1495.0
10	11.68	32.01	24.35	358.9	.37	.02	1492.8
20	10.71	32.16	24.64	331.1	.72	.07	1489.7
30	10.04	32.30	24.86	310.5	1.04	.15	1487.6
50	9.56	32.57	25.16	282.8	1.63	.39	1486.5
75	9.13	32.73	25.35	264.7	2.30	.81	1485.5
100	8.71	33.29	25.85	217.5	2.92	1.34	1485.0

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
124.0	7.88	33.76	26.34	171.1	3.37	1.84	1482.9

WIND MIXED LAYER DEPTH = 3.0 METRES



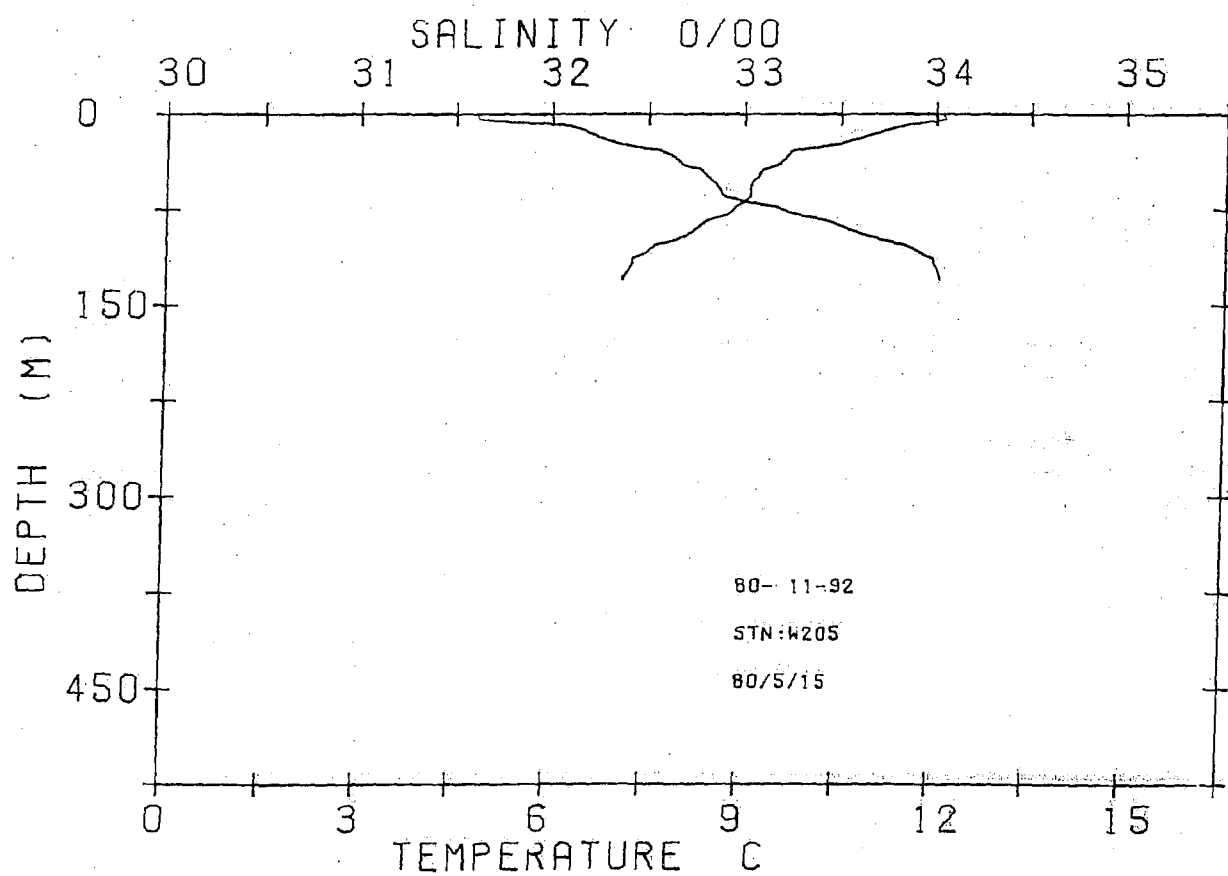
CRUISE : C.O.D.E. 80-11.
 STATION: W204 CONS #091
 LAT N 48 04.0 LONG W 125 13.9
 DATE 80/05/15 TIME (PST) 2048

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.59	31.14	23.52	438.1	.00	.00	1494.7
10	11.92	31.63	24.01	391.0	.41	.02	1493.1
20	10.41	32.22	24.74	321.8	.77	.07	1488.6
30	9.58	32.39	25.01	296.6	1.07	.15	1486.0
50	9.19	32.67	25.29	269.8	1.64	.38	1485.2
75	8.93	33.05	25.63	238.4	2.27	.77	1485.1
100	8.24	33.58	26.15	189.1	2.83	1.25	1483.6
125	7.47	33.98	26.57	149.2	3.24	1.71	1481.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
146.0	6.71	34.12	26.79	128.8	3.53	2.10	1479.1

WIND MIXED LAYER DEPTH = 8.4 METRES



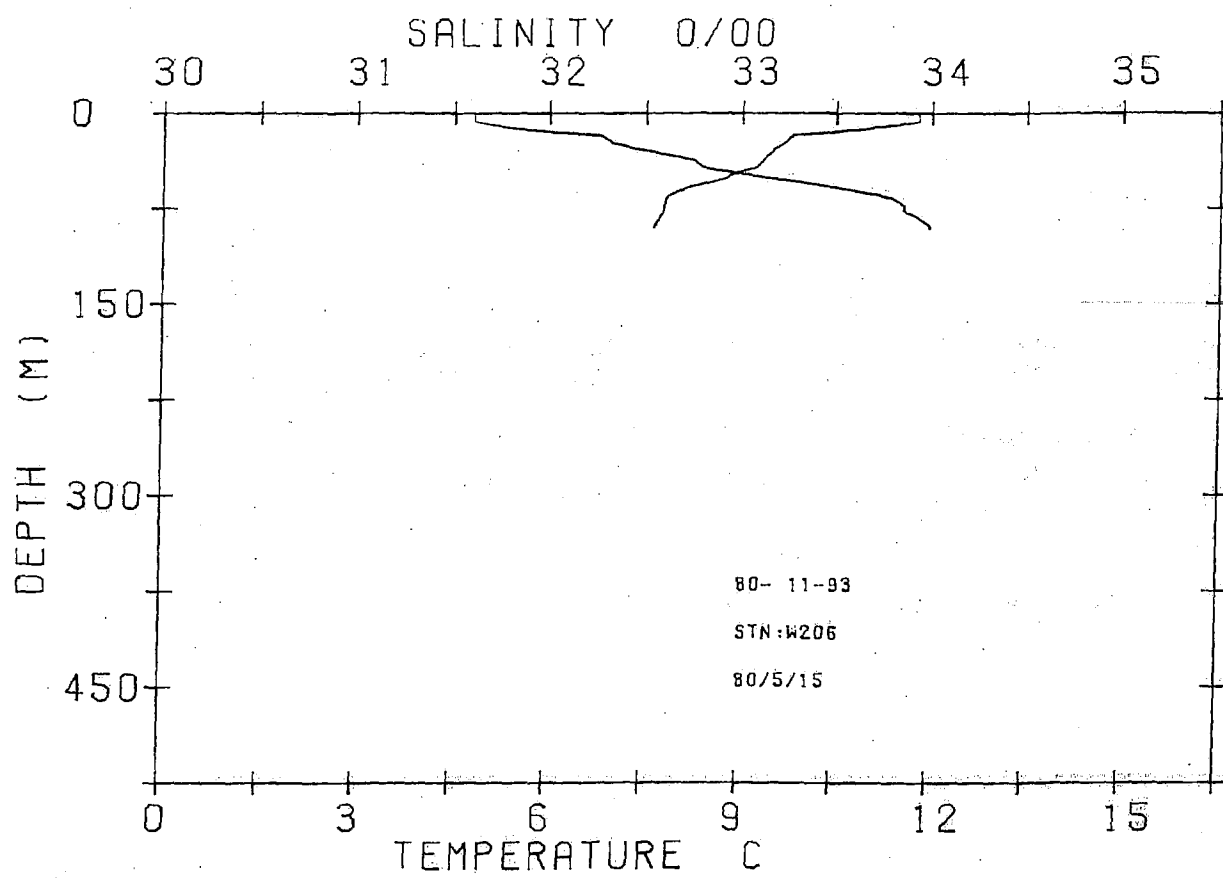
CRUISE : C.O.D.E. 80-11.
 STATION: W205 CONS #092
 LAT N 48 04.0 LONG W 125 03.5
 DATE 80/05/15 TIME (PST) 2145

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	12.13	31.61	23.96	395.7	.00	.00	1493.7
10	11.43	32.11	24.47	347.0	.38	.02	1492.0
20	10.71	32.28	24.73	322.4	.72	.07	1489.8
30	9.69	32.58	25.14	284.3	1.02	.14	1486.6
50	9.20	32.82	25.40	259.1	1.56	.36	1485.4
75	8.84	33.19	25.75	226.5	2.18	.75	1485.0
100	7.88	33.75	26.33	171.8	2.68	1.18	1482.4
125	7.15	34.02	26.65	141.6	3.06	1.60	1480.4

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
130.0	7.12	34.03	26.66	140.7	3.13	1.69	1480.4

WIND MIXED LAYER DEPTH = 4.0 METRES



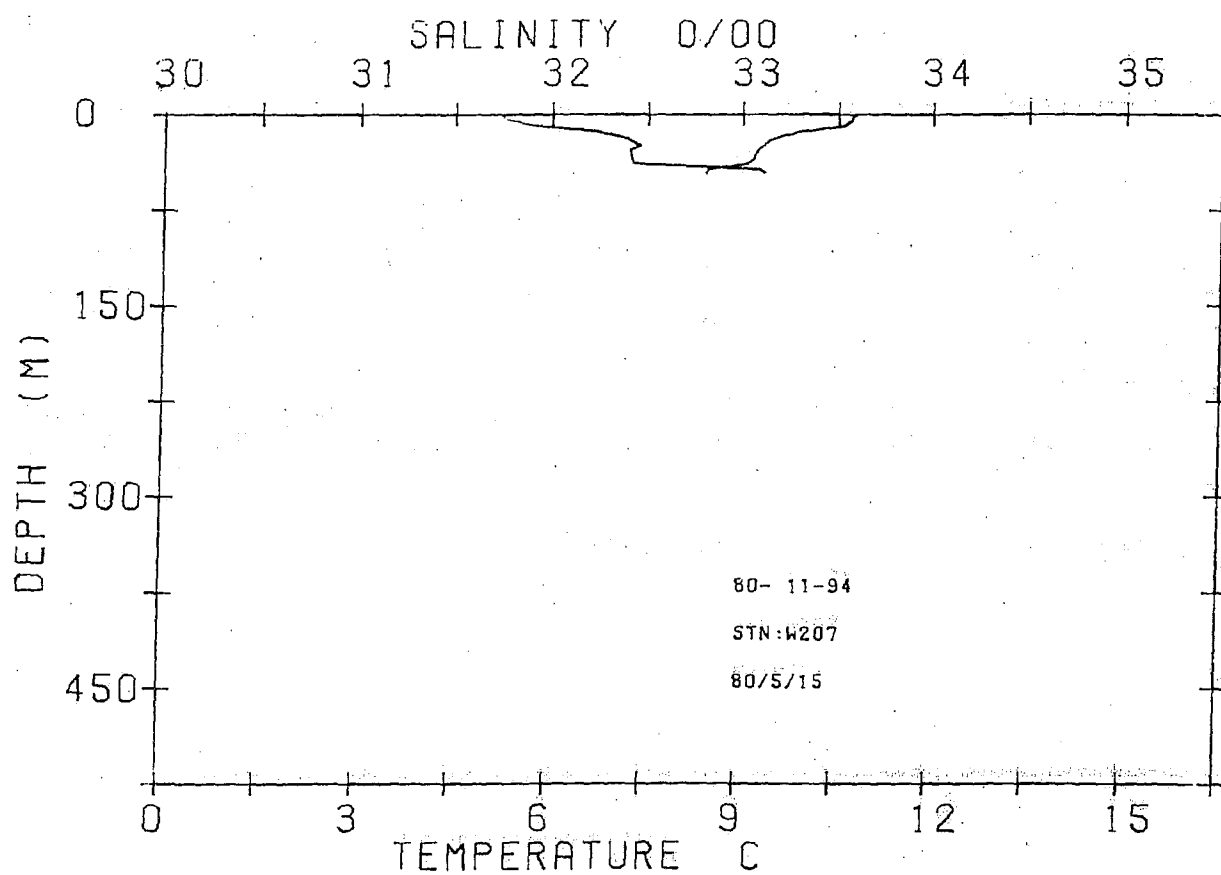
CRUISE : C.O.D.E. 80-11.
 STATION: W206 CONS #093
 LAT N 48 04.0 LONG W 124 50.1
 DATE 80/05/15 TIME (PST) 2245

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	11.80	31.60	24.01	390.6	.00	.00	1492.5
10	11.38	31.71	24.17	375.7	.39	.02	1491.3
20	9.73	32.29	24.91	305.9	.72	.07	1486.3
30	9.47	32.50	25.11	286.3	1.02	.14	1485.7
50	8.78	33.07	25.66	234.4	1.55	.35	1484.2
75	7.76	33.86	26.44	161.2	2.02	.64	1481.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
91.0	7.63	33.99	26.56	150.0	2.27	.85	1481.7

WIND MIXED LAYER DEPTH = 7.9 METRES

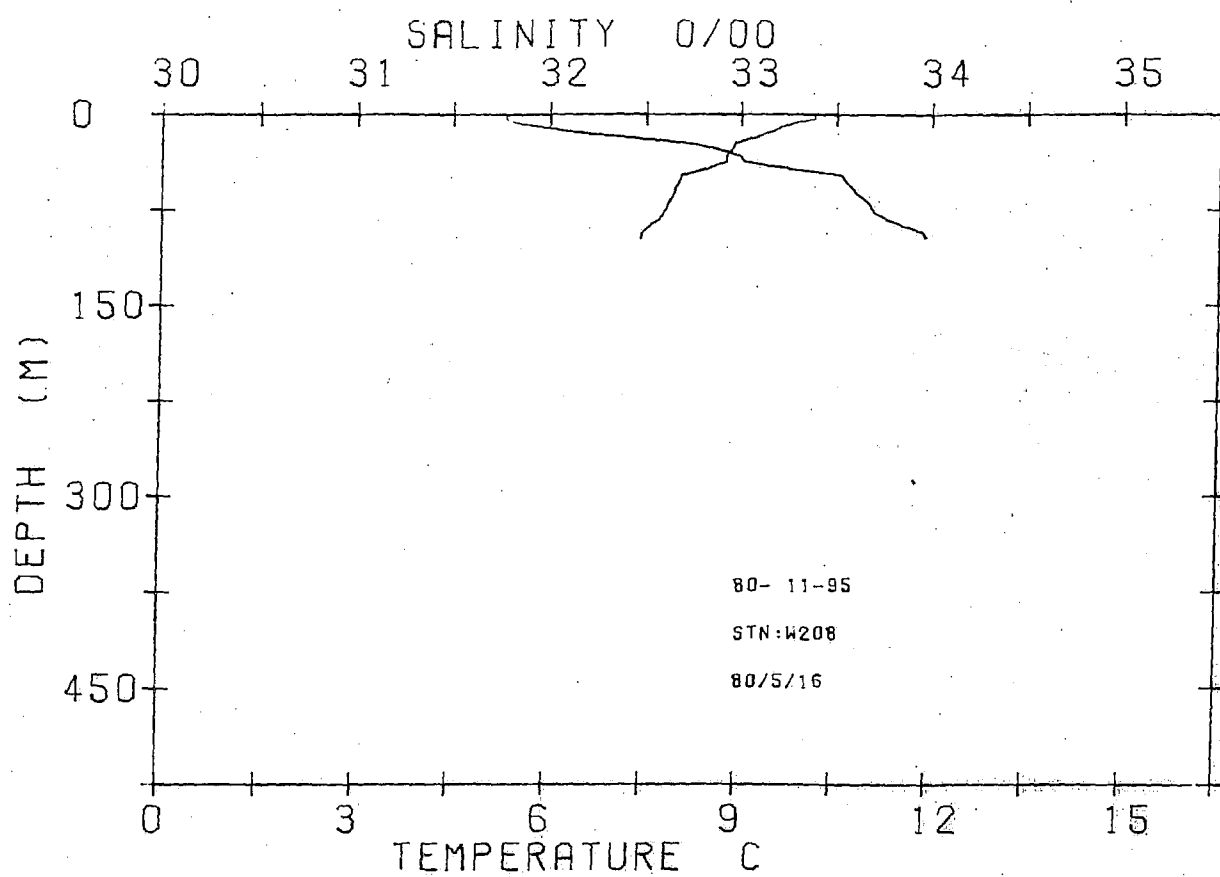


CRUISE : C.O.D.E. 80-11.
 STATION: W207 CONS #094
 LAT N 48 12.5 LONG W 124 50.0
 DATE 80/05/15 TIME (PST) 2335

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.76	31.73	24.30	363.7	.00	.00	1489.0
10	10.48	31.96	24.53	341.7	.36	.02	1488.4
20	9.43	32.40	25.04	293.0	.67	.06	1485.3
30	9.24	32.40	25.07	290.2	.96	.14	1484.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
46.0	8.43	33.12	25.76	225.2	1.39	.30	1482.9



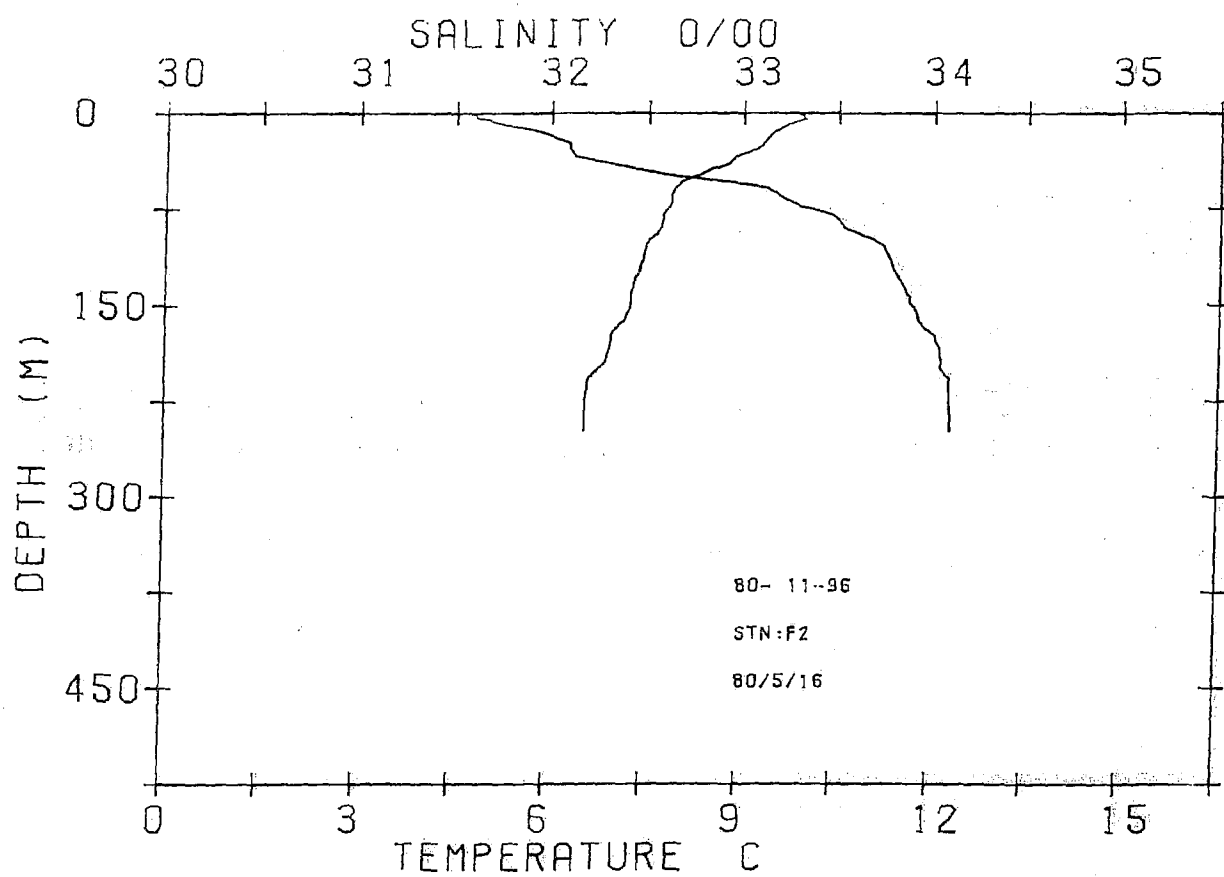
CRUISE : C.O.D.E. 80-11.
 STATION: W208 CONS #095
 LAT N 48 21.2 LONG W 124 50.0
 DATE 80/05/16 TIME (PST) 0023

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	10.13	31.77	24.44	350.3	.00	.00	1486.7
10	9.67	31.92	24.63	332.2	.34	.02	1485.4
20	9.10	32.51	25.18	279.8	.65	.06	1484.2
30	8.81	32.94	25.56	244.0	.91	.13	1483.8
50	8.04	33.54	26.14	188.7	1.35	.30	1482.0
75	7.81	33.69	26.30	174.6	1.81	.58	1481.7

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
98.0	7.41	33.97	26.57	148.6	2.18	.90	1480.9

WIND MIXED LAYER DEPTH = 3.3 METRES



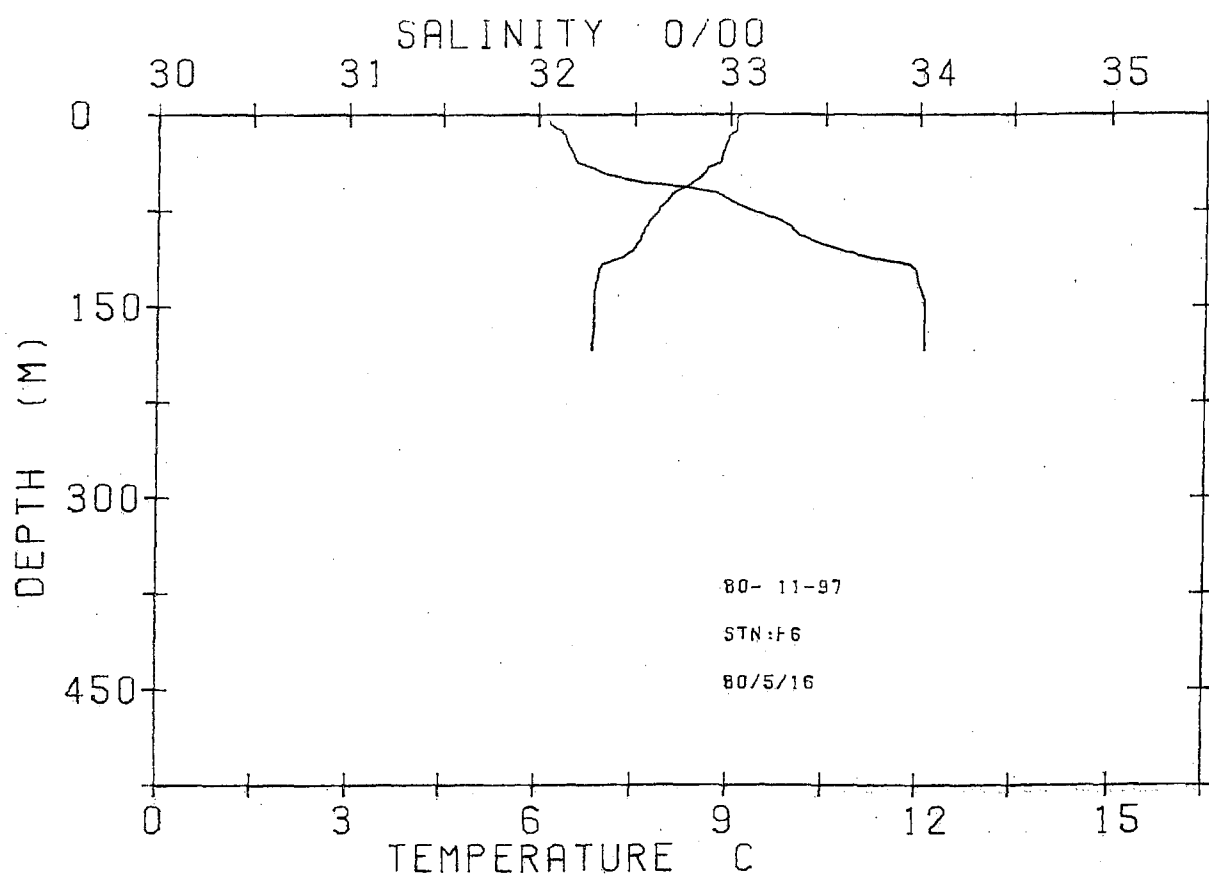
CRUISE : C.O.D.E. 80-11.
 STATION: F2 CONS #096
 LAT N 48 28.5 LONG W 124 39.0
 DATE 80/05/16 TIME (PST) 0128

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.89	31.57	24.32	361.7	.00	.00	1485.6
10	9.66	31.78	24.52	342.7	.35	.02	1485.2
20	9.38	32.04	24.77	319.4	.68	.07	1484.6
30	9.15	32.11	24.86	310.8	1.00	.15	1484.0
50	8.21	32.70	25.46	253.7	1.57	.37	1481.6
75	7.82	33.34	26.02	200.9	2.12	.71	1481.3
100	7.53	33.70	26.35	170.3	2.58	1.11	1481.0
125	7.37	33.80	26.45	160.8	2.99	1.58	1481.0
150	7.25	33.89	26.53	153.4	3.38	2.11	1481.0
175	6.96	34.01	26.67	140.6	3.75	2.71	1480.4
200	6.75	34.05	26.73	135.6	4.10	3.36	1480.1
225	6.58	34.09	26.78	130.5	4.43	4.06	1479.9

DEEPEST MEASUREMENT :

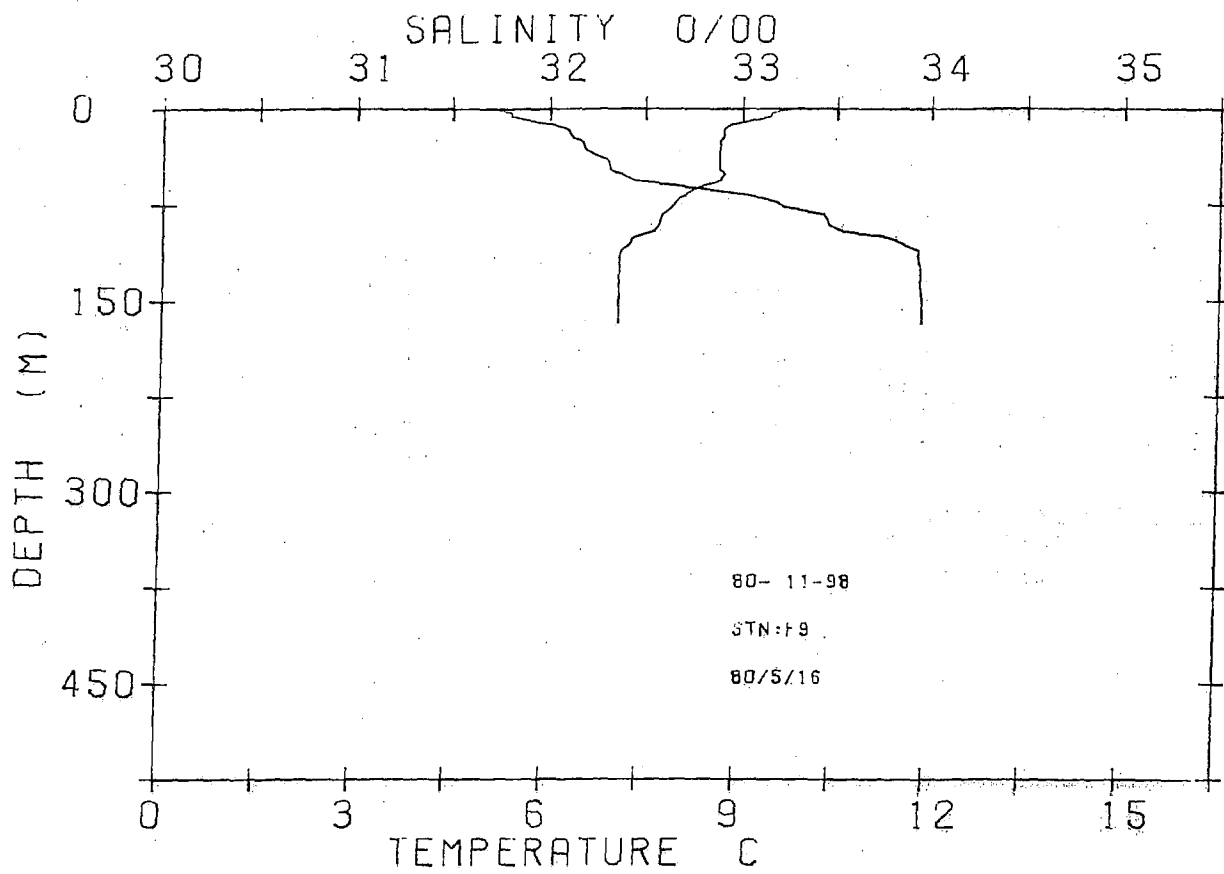
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
249.0	6.56	34.10	26.79	129.8	4.74	4.80	1480.2

WIND MIXED LAYER DEPTH = 5.2 METRES



CRUISE : C.O.D.E. 80-11.
 STATION: F6 CONS #097
 LAT N 48 18.8 LONG W 124 05.5
 DATE 80/05/16 TIME (PST) 0349

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.14	32.00	24.78	318.0	.00	.00	1483.4
10	9.10	32.09	24.85	310.9	.31	.02	1483.5
20	8.96	32.15	24.92	304.9	.62	.06	1483.2
30	8.89	32.18	24.95	301.5	.93	.14	1483.1
50	8.51	32.45	25.22	276.4	1.51	.37	1482.4
75	7.88	33.11	25.84	218.3	2.11	.74	1481.2
100	7.56	33.47	26.16	188.1	2.62	1.18	1480.9
125	6.93	33.99	26.65	141.4	3.02	1.63	1479.5
150	6.86	34.03	26.70	137.5	3.37	2.11	1479.7
175	6.85	34.03	26.70	137.8	3.71	2.67	1480.0
DEEPEST MEASUREMENT :							
DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
184.0	6.85	34.03	26.70	137.9	3.84	2.89	1480.2



CRUISE : C.O.D.E. 80-11.
 STATION: F9 CONS #098
 LAT N 48 14.5 LONG W 123 40.8
 DATE 80/05/16 TIME (PST) 0521

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
0	9.70	31.69	24.45	349.2	.00	.00	1485.1
10	9.00	31.95	24.75	320.2	.33	.02	1482.9
20	8.69	32.11	24.93	303.5	.64	.06	1482.1
30	8.64	32.18	24.99	297.7	.94	.14	1482.2
50	8.70	32.36	25.12	285.7	1.53	.37	1483.0
75	7.94	33.21	25.90	212.0	2.15	.75	1481.6
100	7.39	33.74	26.40	165.2	2.62	1.17	1480.5
125	7.12	33.95	26.60	146.6	3.00	1.59	1480.2
150	7.11	33.96	26.61	146.2	3.37	2.10	1480.6

DEEPEST MEASUREMENT :

DEPTH	TEMP	SAL	SIG-T	SVA	DELTA-D	POT.EN	SOUND
168.0	7.11	33.96	26.61	146.3	3.63	2.51	1480.9

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OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 2 DATE 30/ 4/80 GMT 11.6
POSITION 48-13.8 N, 123-34.2 W STATION JF10
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.645	5.570
10		30.651	6.580
20		30.705	6.430
30		31.366	5.510
50		31.400	5.640
75		32.012	4.920
100		32.732	4.220
125		33.537	3.380
150		33.576	3.340

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 5 DATE 30/ 4/80 GMT 20.4
POSITION 48-28.5 N, 124-39.0 W STATION JF2
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10		31.353	7.550
30		32.169	
50		33.291	4.130
75		33.622	3.620
100		33.743	3.100
150		33.780	3.100

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 6

DATE 30/ 4/80

GMT 21.5

POSITION 48-29.5 N, 124-43.5 W

STATION JF1

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			8.300
10			7.330
30			5.370
50			4.010
150			3.210
200			3.250
250			2.540

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 7

DATE 30/ 4/80

GMT 23.2

POSITION 48-35.5 N, 124-57.0 W

STATION W 1

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.190
10			6.130
20			5.530
30			4.940
50			4.540

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 8

DATE 1/ 5/80

GMT .8

POSITION 48-35.5 N, 125-17.0 W

STATION W66

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.430
10			7.460
20			7.610
30			6.090
50			6.250
75			4.790
100			3.390

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 10

DATE 1/ 5/80

GMT 2.9

POSITION 48-38.5 N, 125-40.0 W

STATION W64

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.100
20			5.620
30			6.340
50			7.070

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 13 DATE 1/ 5/80

GMT 6.5

POSITION 48-43.5 N, 126-16.0 W

STATION W61

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.947	7.250
10		32.099	7.220
20		32.262	7.120
30		32.458	7.170
50		32.512	6.520
75		32.864	5.810
100		33.347	4.430
125		33.613	3.950
150		33.724	3.530
175		33.844	3.230
200		33.949	2.630

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 14 DATE 1/ 5/80

GMT 7.7

POSITION 48-45.5 N, 126-26.0 W

STATION W60

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.213	6.910
10		32.206	7.070
30		32.505	7.090
100		33.365	4.240
400		34.054	1.280

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 16

DATE 1/ 5/80

GMT 11.4

POSITION 49- 8.9 N, 126-38.6 W

STATION W60B

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.120
20			6.170
30			6.530
50			6.740
75			4.900
100			3.350
125			2.970

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 28

DATE 3/ 5/80

GMT 10.4

POSITION 49-51.9 N, 126-39.7 W

STATION T11

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		26.840	6.860
10		30.140	6.170
20		30.602	5.330
30		31.013	4.020
50		31.742	3.370
75		31.988	3.060
100		32.133	2.520
125		32.282	1.750
150		32.396	1.200
175		32.448	.970

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 29

DATE 6/ 5/80

GMT 18.0

POSITION 49-40.8 N, 126-34.4 W

STATION T12

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		27.070	6.530
10		30.388	5.630
20		31.826	4.040
30		32.225	3.450
50		32.531	2.730
75		32.621	2.190
100		32.716	3.350
150		32.774	4.580
200		32.787	5.030
213		32.783	4.990

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 32

DATE 8/ 5/80

GMT 13.1

POSITION 48-48.0 N, 127-37.5 W

STATION W19

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.254	6.960
10		32.255	7.150
30		32.500	7.110
50		32.609	6.840
75		33.175	4.800
100		33.472	4.220
150		33.770	3.520
200		33.921	2.920
300		33.954	2.560
500		34.092	1.070
1000		34.400	.580
1500		34.519	.950

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 33

DATE 8/ 5/80

GMT 16.0

POSITION 49- 2.2 N, 127-51.0 W

STATION W19B

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			7.160
30			7.470
50			6.950
100			4.530
200			3.830
300			2.400
500			1.020
1000			.540

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 34

DATE 11/ 5/80

GMT 13.5

POSITION 50- 6.0 N, 127-58.0 W

STATION W47

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
30			6.360
50			5.490
75			4.360
100			3.380

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 35 DATE 11/ 5/80 GMT 15.5
POSITION 50- 3.8 N, 128- 2.0 W STATION W46A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.070
30			6.790
50			5.510
75			4.010
100			3.350
150			3.070
200			2.490
300			1.940
500			.890

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 36 DATE 11/ 5/80 GMT 16.4
POSITION 50- 1.5 N, 128- 5.5 W STATION W46
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
30			4.950
100			3.480
500			1.010

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 37 DATE 11/ 5/80 GMT 17.6
POSITION 49-57.0 N, 128-12.5 W STATION W45
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
30			6.840
50			5.270
75			4.390
100			5.180
150			4.290
200			2.730
300			1.910
500			1.020
1000			.620

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 39 DATE 11/ 5/80 GMT 23.0
POSITION 49-47.0 N, 128-28.5 W STATION W43
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.010
30			7.060
50			6.930
75			5.670
100			3.830
150			3.130
200			2.980
300			2.070
500			.770
1000			.460

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 42

DATE 12/ 5/80

GMT 3.7

POSITION 49-31.5 N, 128-52.5 W

STATION W40

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.480
30			6.780
50			6.350
75			4.890
100			4.120
150			3.370
200			3.170
300			2.170
500			.940
1000			.400

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 44

DATE 12/ 5/80

GMT 12.0

POSITION 49-18.5 N, 128-36.5 W

STATION W38

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.870
50			6.970
75			6.420
100			4.410
150			3.600
200			3.090
300			1.650
500			.850
1000			.540

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 46

DATE 12/ 5/80

GMT 16.3

POSITION 49- 6.5 N, 128-21.0 W

STATION W36

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
30			7.040
50			7.080
75			6.790
100			4.880
150			3.660
200			3.270
300			2.840
500			.970
1000			.400

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 48

DATE 12/ 5/80

GMT 19.5

POSITION 49-18.0 N, 128- 4.0 W

STATION W34

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.890
30			7.150
50			7.030
75			6.330
100			4.770
150			3.880
200			3.300
300			2.270
500			1.150
1000			.650

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 49 DATE 12/ 5/80 GMT 21.4
POSITION 49-23.5 N, 127-55.0 W STATION W33
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.310
30			6.930
50			6.700
75			6.360
100			4.740
150			3.560
200			2.960
300			2.420
500			.780
1000			.590

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 51 DATE 13/ 5/80 GMT 1.0
POSITION 49-34.5 N, 127-38.0 W STATION W31
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.030
30			6.420
50			5.750
75			4.620
100			3.580
300			1.790
500			.970

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 52

DATE 13/ 5/80

GMT 2.6

POSITION 49-40.5 N, 127-29.0 W

STATION W30

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.700
30			6.580
50			7.050
75			5.180
100			4.000
150			3.160
200			2.920
600			1.080

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 53

DATE 13/ 5/80

GMT 3.7

POSITION 49-43.3 N, 127-29.0 W

STATION W29A

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.220
30			6.860
75			3.730
100			2.850

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 54 DATE 13/ 5/80 GMT 4.3
POSITION 49-46.0 N, 127-20.0 W STATION W29
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.130
30			6.880
50			6.500
75			3.190

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 55 DATE 13/ 5/80 GMT 5.3
POSITION 49-40.5 N, 127-11.0 W STATION W28
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.810
30			6.380
50			6.340
75			5.450
100			2.910

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 56

DATE 13/ 5/80

GMT 8.8

POSITION 49-36.0 N, 127- 1.0 W

STATION W27

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10		31.789	7.600
30		32.180	6.770
50		32.602	6.310
75		33.065	5.080
100		33.776	4.430

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 57

DATE 13/ 5/80

GMT 9.9

POSITION 49-30.5 N, 126-51.5 W

STATION W26

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.972	7.080
10		31.351	7.130
20		31.801	7.420
30		31.925	7.080
50		32.397	6.700
75		33.080	4.980

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 59 DATE 13/ 5/80 GMT 19.9
POSITION 49- 4.5 N, 127-11.0 W STATION W22
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.110	6.800
10		32.203	6.680
20		32.419	7.220
30		32.562	7.020
50		32.679	6.350
75		33.250	4.890
100		33.604	3.920

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 60 DATE 13/ 5/80 GMT 23.0
POSITION 49-21.5 N, 126-44.5 W STATION W25
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.449	7.550
10		31.182	6.700
20		31.842	6.520
30		32.207	6.580
50		32.700	5.940
75		33.172	4.880
100		33.687	3.200

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 61

DATE 0/ 5/80

GMT 23.8

POSITION 49-18.3 N, 126-48.8 W

STATION W24A

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.695	7.020
10		31.361	6.780
20		31.963	6.880
30		32.281	6.740
50		32.543	6.770
75		32.716	6.370
100		33.293	4.580
125		33.844	2.800

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 62

DATE 14/ 5/80

GMT 1.0

POSITION 49-15.5 N, 126-53.0 W

STATION W24

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.950
20			7.260
30			7.250
50			6.990
75			5.840
100			3.390
140			2.760

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 63 DATE 14/ 5/80 GMT 1.8
POSITION 49-12.8 N, 126-57.5 W STATION W23A
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			2.480
10			7.080
30			6.570
50			7.280
75			6.580
100			3.600
150			2.440

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 64 DATE 14/ 5/80 GMT 2.8
POSITION 49-10.0 N, 127- 2.0 W STATION W23
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10		31.845	7.250
30		32.394	6.760
50		32.595	6.750
75		32.926	5.430
100		33.616	3.490
150		33.885	2.850
200		33.953	2.620
300		33.976	2.080
350		34.005	1.650

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 65 DATE 14/ 5/80 GMT 4.4
 POSITION 49- 1.8 N, 127-15.3 W STATION W21A
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.170
30			6.980
50			6.150
75			4.550
100			4.150
150			3.090
200			3.440
300			2.320
500			1.040
1000			.700

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 68 DATE 14/ 5/80 GMT 11.7
 POSITION 48-42.0 N, 127-46.0 W STATION W18
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.987	6.950
10		32.145	6.960
30		32.458	
50		32.650	6.590
75			5.400
100		33.366	4.450
150		33.772	3.130
200		33.905	2.860
300		33.961	2.640
500		34.058	1.090
1000		34.376	.420

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 69

DATE 14/ 5/80

GMT 14.6

STATION W16

POSITION 48-34.5 N, 127-30.0 W

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.102	7.030
10		32.246	6.790
30		32.590	6.520
50		32.625	6.400
75		32.625	6.550
100		33.402	4.580
150		33.803	3.410
200		33.911	2.940
300		33.985	2.290
500		34.072	1.240
1000		34.407	.590

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 70

DATE 14/ 5/80

GMT 17.4

STATION W14

POSITION 48-25.0 N, 127- 9.5 W

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.690
10			6.700
30			7.090
50			6.630
75			5.740
100			4.090
150			3.360
200			3.010
300			2.020
500			.900
1000			.470

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 71 DATE 14/ 5/80 GMT 20.1
 POSITION 48-25.8 N, 126-50.0 W STATION W80
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.790
10			7.220
30			6.560
50			6.960
75			6.260
100			4.340
150			3.400
200			3.020
300			2.290
500			1.100
1000			.450

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 72 DATE 14/ 5/80 GMT 23.0
 POSITION 48-37.2 N, 126-32.0 W STATION W82
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.910
20			7.220
30			7.090
50			6.920
75			4.990
100			3.950
150			3.080
200			2.760
300			2.560
500			.890
1000			.500

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 73 DATE 15/ 5/80 GMT .9
 POSITION 48-43.2 N, 126-22.5 W STATION W83
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.960
20			7.340
30			6.830
50			6.680
75			5.270
100			4.090
150			3.110
200			2.700
300			1.950
500			1.130
675			.760

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 74 DATE 15/ 5/80 GMT 2.7
 POSITION 48-49.0 N, 126-13.0 W STATION W84
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.640
20			6.830
30			6.880
50			6.740
75			5.340
100			3.510
132			2.660

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 75

DATE 15/ 5/80

GMT 3.9

POSITION 48-55.0 N, 126- 3.2 W

STATION W85

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.980
20			7.130
30			5.850
50			6.580
75			4.690

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 76

DATE 15/ 5/80

GMT 4.7

POSITION 48-54.5 N, 125-54.7 W

STATION W87

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.570
20			5.970
30			5.180
50			5.020

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 77

DATE 15/ 5/80

GMT 5.4

POSITION 48-54.0 N, 125-46.0 W

STATION W88

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.060
20			7.010
30			5.610
50			4.780
75			4.160
92			4.060

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 78

DATE 15/ 5/80

GMT 6.1

POSITION 48-48.5 N, 125-46.8 W

STATION W89

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.200
20			6.770
30			6.080
50			4.900

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 79 DATE 15/ 5/80 GMT 6.9
POSITION 48-43.0 N, 125-47.3 W STATION W90
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.130
20			6.980
30			6.320
50			5.850
75			5.070
100			4.820

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 80 DATE 15/ 5/80 GMT 7.7
POSITION 48-37.3 N, 125-47.8 W STATION W91
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.220
20			7.250
30			6.860
50			5.290

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 81 DATE 15/ 5/80 GMT 8.6
POSITION 48-39.2 N, 125-39.0 W STATION W92
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.040
20			5.540
30			5.050
50			4.720

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 82 DATE 15/ 5/80 GMT 9.4
POSITION 48-41.5 N, 125-30.6 W STATION W93
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.610
20			6.220
30			5.760
50			5.040
75			4.810
100			4.420
150			3.460

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 83 DATE 15/ 5/80 GMT 10.7
POSITION 48-43.2 N, 125-22.8 W STATION W94
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.400
20			6.960
30			6.610
50			4.630
75			3.530

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 84 DATE 15/ 5/80 GMT 12.0
POSITION 48-25.5 N, 125-28.3 W STATION W105
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.980
20			7.060
30			6.530
50			6.260
75			4.530
100			2.600
125			2.320

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 85 DATE 15/ 5/80 GMT 13.0
POSITION 48-18.6 N, 125-41.2 W STATION W107
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.680
20			7.080
30			6.980
50			6.600
75			5.410
100			3.750
125			3.450
150			2.830

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 86 DATE 15/ 5/80 GMT 14.3
POSITION 48-12.9 N, 125-52.0 W STATION W109
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.950
20			7.400
30			7.030
50			6.820
75			6.470
100			4.800
125			4.140
150			3.470
200			3.120
250			2.840
300			2.470
500			1.200

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 87
 POSITION 48- 8.5 N, 126-
 HYDROGRAPHIC CAST DATA

DATE 15/ 5/80
 .0 W

GMT 15.6
 STATION W111

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.890
20			7.310
30			7.290
50			6.720
75			5.430
100			4.220
125			3.710
150			3.140
200			2.930
300			2.510
500			1.100
1000			.690

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 88
 POSITION 48- 4.0 N, 125-55.3 W
 HYDROGRAPHIC CAST DATA

DATE 15/ 5/80

GMT 17.1
 STATION W200

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.510
20			6.900
30			6.980
50			6.930
75			6.290
100			4.350
125			3.770
150			3.530
200			2.990
300			2.300
500			1.170
917			.700

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 89 DATE 15/ 5/80 GMT 19.0
 POSITION 48- 4.0 N, 125-35.9 W STATION W202
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.920
20			7.300
30			6.960
50			6.720
75			4.190
100			4.330
150			3.030

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 90 DATE 15/ 5/80 GMT 19.9
 POSITION 48- 4.0 N, 125-25.3 W STATION W203
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.870
30			7.210
50			6.900
75			6.860
100			4.950

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 91

DATE 15/ 5/80

GMT 20.8

POSITION 48- 4.0 N, 125-13.9 W

STATION W204

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.950
20			7.120
30			6.650
50			6.470
75			5.780
100			4.540

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 92

DATE 15/ 5/80

GMT 21.8

POSITION 48- 4.0 N, 125- 3.5 W

STATION W205

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.150
20			7.240
30			6.900
50			6.350
75			5.150
100			3.300

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 93 DATE 15/ 5/80 GMT 22.8
POSITION 48- 4.0 N, 124-50.1 W STATION W206
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.230
20			6.320
30			6.530
50			5.040
75			2.990

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 80- 11- 94 DATE 15/ 5/80 GMT 23.6
POSITION 48-12.5 N, 124-50.0 W STATION W207
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			7.780
20			6.590
30			5.860
45			4.680

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 95 DATE 16/ 5/80 GMT .4
 POSITION 48-21.2 N, 124-50.0 W STATION W208
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.290
20			5.820
30			5.200
50			3.670
75			3.110
100			2.930

OFFSHORE OCEANOGRAPHY GROUP
 REFERENCE NO. 80- 11- 96 DATE 16/ 5/80 GMT 1.5
 POSITION 48-28.5 N, 124-39.0 W STATION F2
 HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.540
20			5.750
30			5.520
50			4.370
75			3.440
100			3.190
150			2.780
200			2.530
250			2.300

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 97

DATE 16/ 5/80

GMT 3.8

POSITION 48-18.8 N, 124- 5.5 W

STATION F6

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			5.510
20			5.460
30			5.140
50			4.680
100			3.310
125			2.650
150			2.560
175			2.550

OFFSHORE OCEANOGRAPHY GROUP

REFERENCE NO. 80- 11- 98

DATE 16/ 5/80

GMT 5.3

POSITION 48-14.5 N, 123-40.8 W

STATION F9

HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			5.020
20			4.770
30			4.770
50			4.700
75			3.890
100			3.180
150			2.710
165			2.740