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第一部 海鷹丸航海調査報告 平成9年度航海報告 期間
平成9年9月、平成9年12月～平成10年3月 海域
日本海、西部太平洋及びインド洋 3.調査資料

メタデータ	言語: jpn 出版者: 公開日: 2008-04-10 キーワード (Ja): キーワード (En): 作成者: メールアドレス: 所属:
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3 . 調 查 資 料

O c e a n o g r a p h i c O b s e r v a t i o n D a t a

3 . 1 . 第 6 9 次 航 海

t h e 6 9 t h C r u i s e

3. 1. 1. CTD観測表 CTD Observation Table

St.No.	Time(SMT)	GMT	Lat.	Long.	A.Temp	W.Temp	Depth	Wind Dir	Wind s'd	Remarks
St 6	9/11 15:00	9/11 06:00	37° 15.50' N	134° 23.46' E	25.1°C	22.8°C	2567m	NE	8.5m/s	
St 6 EX	9/11 16:27	9/11 07:27	37° 15.46' N	134° 22.98' E	25.1	22.8	2543	NE	8.0	
St B	9/12 08:02	9/11 23:02	37° 14.53' N	134° 14.94' E	24.8	24.5	2384	E	6.5	
St 10	9/12 12:48	9/12 03:48	36° 59.50' N	134° 24.55' E	25.8	23.8	2178	ENE	10.8	
St 7	9/12 18:01	9/12 09:01	37° 14.54' N	134° 43.61' E	25.2	23.5	1455	NE	6.5	
St 2	9/13 08:08	9/12 23:08	37° 29.46' N	134° 24.78' E	24.8	23.7	2765	NE	7.8	
St 5	9/13 14:28	9/13 05:28	37° 14.53' N	134° 06.06' E	24.2	23.7	1969	NE/E	11.0	
St 14	9/13 17:37	9/13 08:37	37° 14.75' N	134° 46.79' E	24.9	23.5	1501	NE/E	9.0	

3. 1. 2. CTD観測データ CTD Data

STATION - S106 DEPTH - 002567 M
 DATE - 1997/09/11 POSITION LAT. - 37°15.50 N
 TIME - 06:00 LONG. - 134°23.92 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.280	32.523	21.388	1532.4	25.280	21.388	4.77	54.65
1.0	25.281	32.529	21.392	1532.4	25.280	21.392	4.77	54.65
2.0	25.278	32.540	21.402	1532.4	25.278	21.402	4.77	54.66
3.0	25.284	32.539	21.399	1532.5	25.283	21.399	4.77	54.65
4.0	25.286	32.512	21.401	1532.5	25.285	21.401	4.77	54.65
5.0	25.286	32.511	21.400	1532.5	25.284	21.400	4.77	54.66
10.0	25.285	32.541	21.400	1532.6	25.282	21.401	4.77	54.69
15.0	25.301	32.556	21.406	1532.7	25.298	21.407	4.77	54.69
20.0	25.325	32.632	21.457	1533.0	25.320	21.458	4.76	51.65
25.0	24.082	32.852	21.991	1530.3	24.076	21.996	4.86	57.06
30.0	21.167	33.524	23.215	1524.6	21.461	23.217	5.07	62.44
40.0	19.083	34.219	24.404	1519.1	19.076	24.406	5.28	67.91
50.0	18.228	34.283	24.668	1516.9	18.219	24.670	5.36	70.14
75.0	16.354	34.364	25.178	1511.8	16.342	25.181	5.56	75.41
100.0	13.516	34.379	25.802	1503.3	13.532	25.805	5.88	84.17
125.0	11.028	34.342	26.259	1495.1	11.012	26.262	6.20	93.17
150.0	9.666	34.290	26.454	1490.5	9.649	26.457	6.39	98.69
200.0	4.689	34.111	27.008	1471.7	4.674	27.010	7.18	1121.98
250.0	2.159	34.060	27.206	1461.6	2.145	27.207	7.65	1136.79
300.0	1.205	34.066	27.281	1458.2	1.190	27.282	7.81	1143.44
400.0	0.692	34.069	27.316	1457.5	0.675	27.317	7.95	1148.11
500.0	0.471	34.071	27.330	1458.1	0.450	27.332	7.99	1151.60
600.0	0.364	34.074	27.339	1459.2	0.338	27.340	8.02	1151.08
700.0	0.302	34.075	27.343	1460.5	0.271	27.345	8.03	1156.30
800.0	0.263	34.075	27.346	1462.0	0.228	27.348	8.04	1158.38
900.0	0.231	34.077	27.349	1463.5	0.194	27.351	8.04	1160.41
1000.0	0.213	34.078	27.350	1465.0	0.168	27.353	8.05	1162.42
1001.6	0.213	34.078	27.351	1465.0	0.168	27.353	8.05	1162.45

STATION - s106-x DEPTH - 002548 M
 DATE - 1997/09/11 POSITION LAT. - 37°15.46 N
 TIME - 07:27 LONG. - 134°22.98 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.213	32.366	21.290	1532.0	25.213	21.290	4.78	54.82
1.0	25.210	32.617	21.480	1532.4	25.210	21.480	4.77	54.76
2.0	25.253	32.619	21.468	1532.5	25.253	21.469	4.77	54.68
3.0	25.262	32.625	21.470	1532.5	25.261	21.471	4.77	55.94
4.0	25.270	32.629	21.471	1532.6	25.269	21.471	4.77	54.66
5.0	25.273	32.625	21.467	1532.6	25.272	21.467	4.77	54.66
10.0	25.258	32.672	21.466	1532.7	25.265	21.467	4.77	54.70
15.0	25.268	32.623	21.467	1532.8	25.261	21.468	4.77	54.73
20.0	25.266	32.623	21.467	1532.8	25.262	21.469	4.77	54.77
25.0	23.244	33.029	22.371	1528.5	23.239	22.373	4.93	58.72
30.0	20.380	33.721	23.678	1522.0	20.374	23.689	5.17	64.88
40.0	18.716	34.213	24.515	1518.1	18.711	24.517	5.31	68.82
50.0	17.918	34.315	24.761	1516.2	17.940	24.763	5.39	70.86
75.0	16.278	34.387	25.213	1511.6	16.266	25.216	5.57	75.62
100.0	12.957	34.299	25.859	1501.2	12.943	25.862	5.96	86.16
125.0	10.901	34.329	26.271	1494.6	10.889	26.274	6.22	93.64
150.0	9.556	34.287	26.470	1490.1	9.539	26.472	6.41	99.13
200.0	4.083	34.090	27.051	1469.1	4.069	27.055	7.29	1125.18
250.0	2.125	34.066	27.211	1461.5	2.111	27.215	7.66	1136.92
300.0	1.251	34.068	27.279	1458.4	1.236	27.280	7.83	1143.15
400.0	0.704	34.069	27.315	1457.5	0.687	27.316	7.95	1148.33
500.0	0.471	34.074	27.333	1458.1	0.452	27.335	7.99	1151.58
600.0	0.366	34.071	27.339	1459.2	0.340	27.340	8.02	1154.07
700.0	0.302	34.075	27.344	1460.5	0.272	27.345	8.03	1156.29
800.0	0.261	34.077	27.347	1462.0	0.226	27.349	8.04	1158.39
900.0	0.231	34.078	27.350	1463.5	0.191	27.352	8.04	1160.41
1000.0	0.214	34.078	27.351	1465.0	0.169	27.353	8.05	1162.41
1000.8	0.214	34.078	27.351	1465.0	0.169	27.353	8.05	1162.42

STATION - S110 DEPTH - 002393 M
 DATE - 1997/09/11 POSITION LAT. - 37°14.53 N
 TIME - 23:02 LONG. - 134°14.94 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.123	32.340	21.297	1531.7	25.123	21.297	4.79	54.75
1.0	25.124	32.465	21.391	1531.9	25.123	21.392	4.78	54.72
2.0	25.122	32.513	21.428	1532.0	25.122	21.428	4.78	54.96
3.0	25.121	32.515	21.430	1532.0	25.120	21.430	4.78	54.97
4.0	25.122	32.516	21.430	1532.1	25.121	21.430	4.78	54.98
5.0	25.121	32.514	21.429	1532.1	25.120	21.429	4.78	54.99
10.0	25.122	32.514	21.429	1532.2	25.119	21.429	4.78	55.02
15.0	25.155	32.536	21.435	1532.4	25.152	21.436	4.78	54.98
20.0	25.399	32.913	21.669	1533.6	25.395	21.670	4.75	55.81
25.0	24.791	33.023	21.913	1532.3	24.786	21.915	4.80	55.59
30.0	23.134	32.990	22.373	1528.2	23.128	22.375	4.94	59.00
40.0	18.922	33.506	23.901	1517.7	18.915	23.902	5.32	68.61
50.0	17.668	34.212	24.751	1515.2	17.659	24.753	5.42	71.55
75.0	15.785	34.338	25.288	1510.0	15.773	25.291	5.62	77.06
100.0	13.957	34.432	25.758	1504.7	13.942	25.761	5.83	82.82
125.0	10.267	34.289	26.359	1492.3	10.252	26.362	6.31	96.06
150.0	8.235	34.216	26.823	1485.1	8.219	26.825	6.60	1101.62
200.0	3.516	34.081	27.103	1466.7	3.503	27.104	7.39	1178.25
250.0	1.811	34.063	27.233	1460.2	1.801	27.234	7.71	1188.68
300.0	1.311	34.063	27.269	1458.8	1.302	27.270	7.81	1192.58
400.0	0.657	34.068	27.316	1457.3	0.640	27.319	7.96	1198.64
500.0	0.473	34.070	27.330	1458.1	0.452	27.331	7.99	1154.59
600.0	0.367	34.072	27.337	1459.2	0.341	27.338	8.02	1154.06
700.0	0.304	34.072	27.341	1460.5	0.273	27.343	8.03	1156.28
800.0	0.271	34.074	27.345	1462.0	0.236	27.346	8.04	1158.32
900.0	0.238	34.075	27.347	1463.5	0.198	27.349	8.04	1160.39
1000.0	0.217	34.075	27.348	1465.0	0.172	27.351	8.05	1162.39
1001.1	0.217	34.075	27.348	1465.0	0.172	27.350	8.05	1162.41

STATION - S110 DEPTH - 002178 M
 DATE - 1997/09/12 POSITION LAT. - 36°59.49 N
 TIME - 03:46 LONG. - 134°24.58 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.935	32.097	20.799	1533.2	25.935	20.799	4.73	54.96
1.0	25.935	32.002	20.796	1533.2	25.935	20.796	4.73	54.99
2.0	25.975	32.415	21.091	1533.9	25.974	21.095	4.72	53.38
3.0	25.910	32.418	21.107	1533.9	25.939	21.107	4.72	53.45
4.0	25.913	32.417	21.106	1533.9	25.942	21.106	4.72	53.45
5.0	25.944	32.416	21.106	1533.9	25.939	21.106	4.72	53.46
10.0	25.942	32.416	21.105	1534.0	25.939	21.106	4.72	53.49
15.0	25.945	32.417	21.105	1534.1	25.941	21.106	4.72	53.51
20.0	25.942	32.418	21.106	1534.1	25.937	21.106	4.72	53.55
25.0	25.940	32.423	21.111	1534.2	25.931	21.112	4.72	53.58
30.0	24.266	32.962	22.023	1531.0	24.259	22.025	4.81	56.69
40.0	20.961	33.910	23.675	1524.0	20.956	23.677	5.11	63.52
50.0	19.165	34.150	24.260	1520.3	19.156	24.263	5.24	67.07
75.0	17.651	34.323	24.840	1515.7	17.638	24.843	5.42	71.85
100.0	16.317	34.413	25.248	1512.2	16.301	25.251	5.56	75.70
125.0	14.226	34.395	25.613	1506.0	14.208	25.617	5.80	82.22
150.0	9.402	34.252	26.468	1489.5	9.385	26.470	6.43	99.77
200.0	3.888	34.069	27.057	1468.3	3.872	27.059	7.33	1126.25
250.0	1.456	34.066	27.263	1458.5	1.444	27.264	7.79	1141.05
300.0	0.990	34.068	27.297	1457.2	0.976	27.298	7.89	1144.80
400.0	0.607	34.071	27.322	1457.1	0.589	27.323	7.97	1148.97
500.0	0.455	34.073	27.333	1458.0	0.433	27.335	8.00	1151.71
600.0	0.355	34.075	27.340	1459.2	0.329	27.342	8.02	1154.14
700.0	0.300	34.076	27.344	1460.5	0.269	27.346	8.03	1156.31
800.0	0.259	34.077	27.347	1462.0	0.224	27.349	8.04	1158.40
900.0	0.238	34.078	27.349	1463.5	0.198	27.351	8.04	1160.38
1000.0	0.220	34.078	27.350	1465.0	0.175	27.353	8.05	1162.37
1001.2	0.220	34.077	27.350	1465.0	0.175	27.352	8.05	1162

STATION - S1N7 DEPTH - 001454 M
 DATE - 1997/09/12 POSITION LAT. - 37° 14.51 N
 TIME - 09:02 LONG. - 134° 43.74 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.410	32.731	21.496	1533.1	25.440	21.496	4.75	54.28
1.0	25.442	32.767	21.523	1533.2	25.441	21.523	4.75	54.27
2.0	25.455	32.771	21.524	1533.2	25.454	21.524	4.75	54.25
3.0	25.456	32.778	21.527	1533.2	25.455	21.527	4.75	54.25
4.0	25.464	32.778	21.526	1533.3	25.456	21.527	4.75	54.26
5.0	25.457	32.778	21.526	1533.3	25.456	21.527	4.75	54.26
10.0	25.473	32.781	21.524	1533.4	25.471	21.524	4.75	54.26
15.0	25.469	32.782	21.526	1533.5	25.465	21.527	4.75	54.30
20.0	25.471	32.787	21.529	1533.6	25.467	21.530	4.75	54.32
25.0	21.381	33.316	22.227	1532.0	24.475	22.228	4.81	56.11
30.0	23.551	33.607	22.720	1530.1	23.544	22.722	4.88	57.93
40.0	22.030	33.931	23.399	1526.8	22.022	23.401	5.01	61.12
50.0	20.055	34.185	24.127	1522.0	20.046	24.129	5.18	65.62
75.0	16.912	34.466	25.126	1513.7	16.900	25.129	5.49	73.80
100.0	15.087	34.496	25.565	1508.5	15.072	25.569	5.69	79.28
125.0	12.895	34.425	25.919	1501.9	12.878	25.952	5.95	86.21
150.0	11.109	34.329	26.234	1495.7	11.090	26.237	6.19	93.15
200.0	5.213	34.124	26.952	1474.0	5.227	26.954	7.09	119.16
250.0	1.960	34.049	27.213	1460.7	1.947	27.214	7.69	137.99
300.0	1.238	34.066	27.279	1458.3	1.224	27.280	7.84	133.23
400.0	0.717	34.069	27.315	1457.6	0.699	27.316	7.94	148.25
500.0	0.478	34.073	27.332	1458.1	0.456	27.333	7.99	151.56
600.0	0.373	34.073	27.338	1459.2	0.347	27.340	8.01	154.02
700.0	0.309	34.076	27.344	1460.6	0.279	27.345	8.03	156.24
800.0	0.253	34.076	27.347	1461.9	0.218	27.349	8.04	158.45
900.0	0.221	34.076	27.349	1463.4	0.181	27.351	8.05	160.50
1000.0	0.209	34.076	27.350	1465.0	0.164	27.352	8.05	162.45
1001.5	0.209	34.075	27.349	1465.0	0.164	27.351	8.05	162.47

STATION - S1N2 DEPTH - 001765 M
 DATE - 1997/09/12 POSITION LAT. - 37° 29.44 N
 TIME - 23:08 LONG. - 134° 24.80 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	24.897	32.474	21.467	1531.4	24.897	21.467	4.80	55.40
1.0	24.876	32.501	21.495	1531.4	24.875	21.495	4.80	55.44
2.0	24.976	32.460	21.432	1531.6	24.975	21.432	4.80	55.27
3.0	21.979	32.467	21.447	1531.5	21.978	21.448	4.80	55.30
4.0	21.925	32.463	21.449	1531.5	24.924	21.450	4.80	55.38
5.0	24.926	32.462	21.449	1531.5	24.924	21.449	4.80	55.38
10.0	24.925	32.462	21.449	1531.6	24.923	21.449	4.80	55.41
15.0	24.924	32.463	21.450	1531.7	24.921	21.451	4.80	55.45
20.0	24.918	32.469	21.457	1531.8	24.913	21.458	4.80	55.49
25.0	22.216	33.173	22.772	1526.0	22.211	22.773	5.01	60.87
30.0	19.611	33.652	23.836	1519.7	19.606	23.838	5.24	66.76
40.0	18.083	34.221	24.656	1516.3	18.076	24.658	5.38	70.17
50.0	17.629	34.366	24.878	1515.3	17.620	24.880	5.42	71.69
75.0	15.879	34.457	25.358	1510.5	15.867	25.361	5.61	76.73
100.0	13.752	34.409	25.783	1504.0	13.738	25.786	5.85	83.49
125.0	11.300	34.366	26.228	1496.1	11.284	26.231	6.17	92.17
150.0	9.605	34.299	26.471	1490.3	9.588	26.474	6.40	98.92
200.0	4.924	34.103	26.973	1472.6	4.909	26.974	7.14	120.78
250.0	2.483	34.078	27.194	1463.0	2.469	27.195	7.59	134.87
300.0	1.345	34.072	27.276	1458.8	1.330	27.277	7.81	142.55
400.0	0.761	34.073	27.315	1457.8	0.743	27.317	7.93	147.95
500.0	0.498	34.073	27.331	1458.2	0.476	27.332	7.99	151.42
600.0	0.396	34.075	27.339	1459.3	0.370	27.340	8.01	153.87
700.0	0.326	34.076	27.343	1460.6	0.295	27.344	8.02	156.13
800.0	0.281	34.076	27.345	1462.1	0.249	27.347	8.03	158.23
900.0	0.251	34.076	27.347	1463.5	0.211	27.349	8.04	160.29
1000.0	0.232	34.077	27.349	1465.1	0.187	27.351	8.04	162.28
1000.9	0.232	34.077	27.349	1465.1	0.187	27.351	8.04	162.30

STATION - S1N5 DEPTH - 001963 M
 DATE - 1997/09/13 POSITION LAT. - 37° 14.49 N
 TIME - 05:27 LONG. - 134° 06.14 E

DATA TYPE = PROCESS

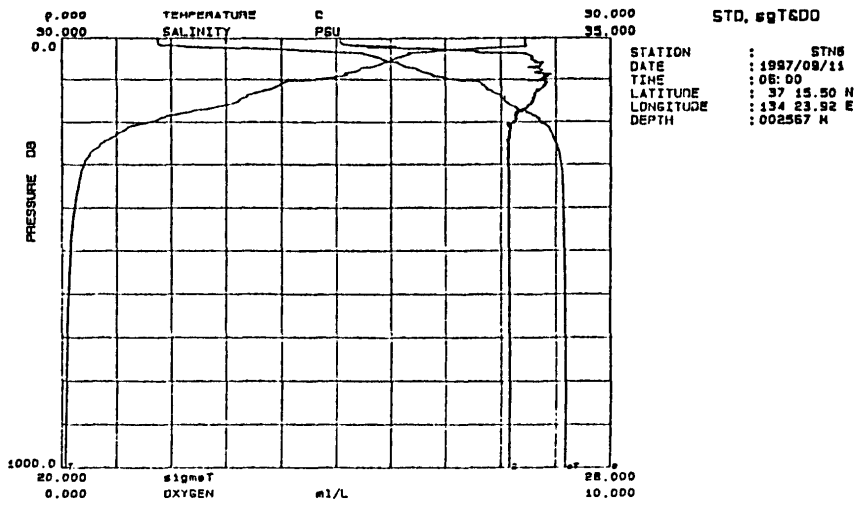
Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.270	32.452	21.337	1532.3	25.270	21.337	4.77	54.69
1.0	25.271	32.484	21.362	1532.3	25.271	21.362	4.77	54.68
2.0	25.284	32.552	21.409	1532.5	25.283	21.409	4.77	54.64
3.0	25.281	32.556	21.412	1532.5	25.280	21.412	4.77	55.41
4.0	25.282	32.557	21.413	1532.5	25.281	21.413	4.77	54.66
5.0	25.283	32.557	21.413	1532.5	25.281	21.413	4.77	54.66
10.0	25.284	32.556	21.412	1532.6	25.282	21.412	4.77	54.69
15.0	25.286	32.556	21.411	1532.7	25.282	21.412	4.77	54.72
20.0	25.286	32.557	21.412	1532.8	25.282	21.413	4.77	54.75
25.0	25.284	32.558	21.413	1532.9	25.279	21.415	4.77	54.78
30.0	22.919	33.247	22.630	1528.1	22.912	22.631	4.95	59.37
40.0	19.650	33.961	24.062	1520.4	19.643	24.064	5.23	66.62
50.0	18.554	34.242	24.555	1517.8	18.545	24.558	5.33	69.32
75.0	16.429	34.384	25.176	1512.1	16.417	25.179	5.55	75.19
100.0	14.154	34.415	25.703	1505.4	14.139	25.706	5.81	82.21
125.0	11.191	34.361	26.189	1496.7	11.175	26.192	6.11	91.47
150.0	8.544	34.233	26.589	1486.3	8.528	26.592	6.56	103.30
200.0	3.376	34.084	27.149	1466.1	3.363	27.121	7.42	129.02
250.0	1.913	34.068	27.232	1460.5	1.900	27.233	7.70	138.26
300.0	1.280	34.058	27.269	1458.5	1.276	27.270	7.83	142.91
400.0	0.728	34.071	27.316	1457.6	0.710	27.317	7.94	148.18
500.0	0.497	34.073	27.331	1458.2	0.475	27.332	7.99	151.43
600.0	0.398	34.074	27.337	1459.4	0.372	27.339	8.01	153.85
700.0	0.316	34.074	27.342	1460.6	0.286	27.344	8.03	156.20
800.0	0.268	34.076	27.346	1462.0	0.233	27.348	8.04	158.34
900.0	0.241	34.076	27.348	1463.5	0.201	27.350	8.04	160.36
1000.0	0.223	34.077	27.349	1465.0	0.178	27.351	8.05	162.35
1001.7	0.223	34.077	27.349	1465.1	0.178	27.352	8.05	162.38

STATION - S1N4 DEPTH - 001501 M
 DATE - 1997/09/13 POSITION LAT. - 37° 14.74 N
 TIME - 08:38 LONG. - 133° 46.80 E

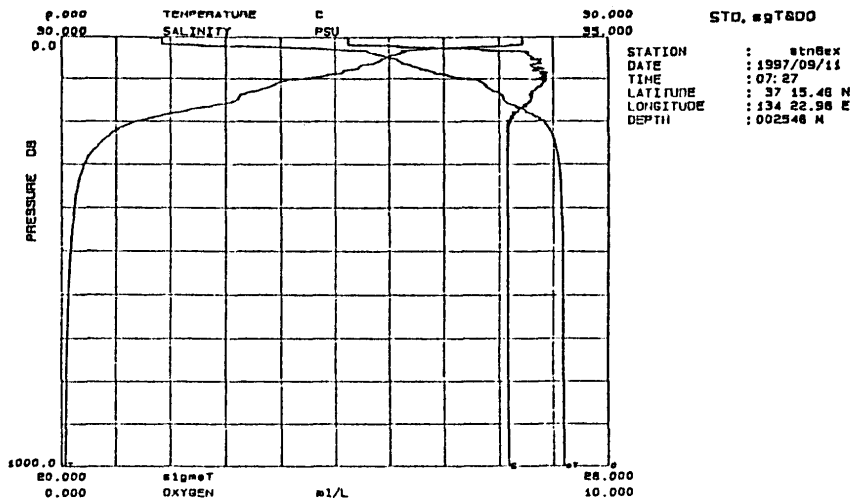
DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	25.156	32.458	21.376	1532.0	25.156	21.376	4.78	54.90
1.0	25.157	32.458	21.376	1532.0	25.156	21.376	4.78	54.91
2.0	25.190	32.466	21.372	1532.1	25.189	21.372	4.78	54.85
3.0	25.169	32.464	21.377	1532.1	25.168	21.377	4.78	54.90
4.0	25.137	32.463	21.386	1532.0	25.136	21.386	4.78	54.96
5.0	25.138	32.466	21.388	1532.0	25.136	21.388	4.78	54.97
10.0	25.149	32.465	21.384	1532.2	25.146	21.385	4.78	54.98
15.0	25.150	32.466	21.384	1532.2	25.147	21.385	4.78	55.01
20.0	25.148	32.470	21.388	1532.3	25.143	21.389	4.78	55.04
25.0	25.085	32.576	21.487	1532.4	25.079	21.489	4.78	55.16
30.0	21.201	33.099	22.994	1523.3	21.195	22.996	5.11	63.21
40.0	19.322	34.098	24.251	1519.7	19.314	24.253	5.26	67.37
50.0	18.142	34.276	24.683	1516.7	18.133	24.686	5.37	70.37
75.0	16.277	34.361	25.194	1511.6	16.265	25.196	5.57	75.63
100.0	14.822	34.424	25.567	1507.5	14.807	25.571	5.73	80.13
125.0	9.802	34.281	26.424	1490.6	9.787	26.427	6.37	97.88
150.0	6.428	34.191	26.859	1478.0	6.414	26.861	6.89	112.70
200.0	2.874	34.083	27.165	1464.0	2.862	27.166	7.51	131.84
250.0	1.676	34.071	27.252	1459.5	1.663	27.253	7.75	139.69
300.0	1.074	34.065	27.289	1457.6	1.060	27.290	7.87	144.27
400.0	0.638	34.071	27.321	1457.2	0.621	27.322	7.96	148.76
500.0	0.418	34.073	27.333	1458.0	0.427	27.335	8.00	151.75
600.0	0.351	34.075	27.340	1459.2	0.328	27.342	8.02	154.15
700.0	0.303	34.075	27.343	1460.5	0.272	27.345	8.03	156.29
800.0	0.267	34.076	27.346	1462.0	0.232	27.348	8.04	158.35
900.0	0.238	34.078	27.349	1463.5	0.198	27.351	8.04	160.38
1000.0	0.215	34.077	27.350	1465.0	0.170	27.352	8.05	162.41
1001.7	0.214	34.077	27.350	1465.0	0.169	27.352	8.05	162.45

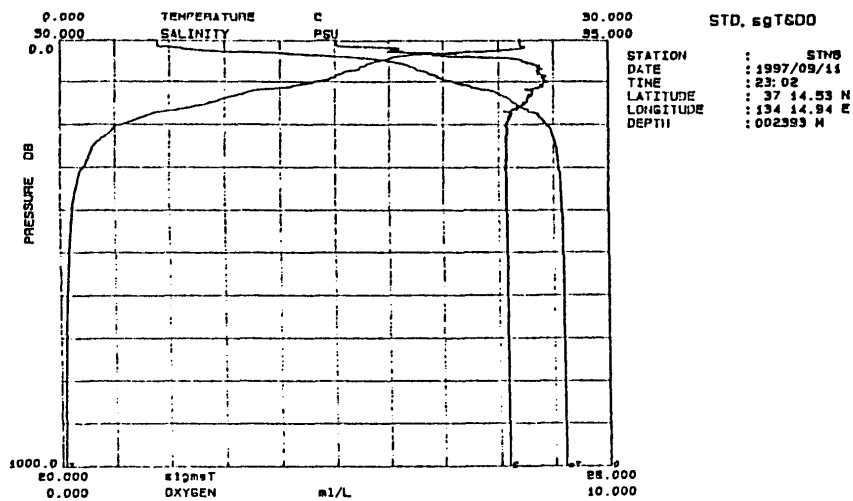
3. 1. 3. CTD 鉛直プロファイル C.T.D Profiles



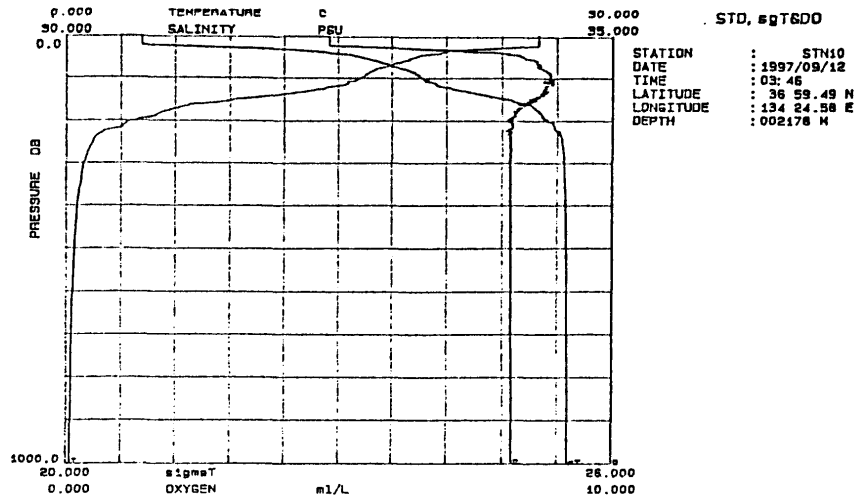
- PROCESS DATA -



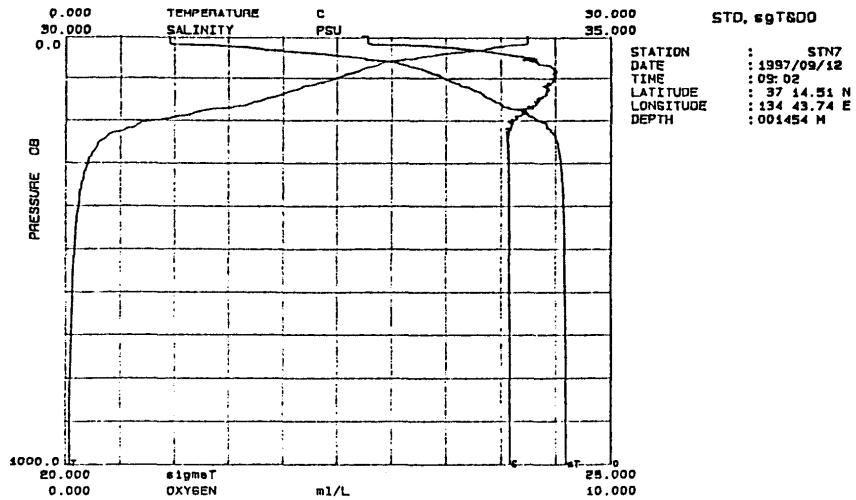
- PROCESS DATA -



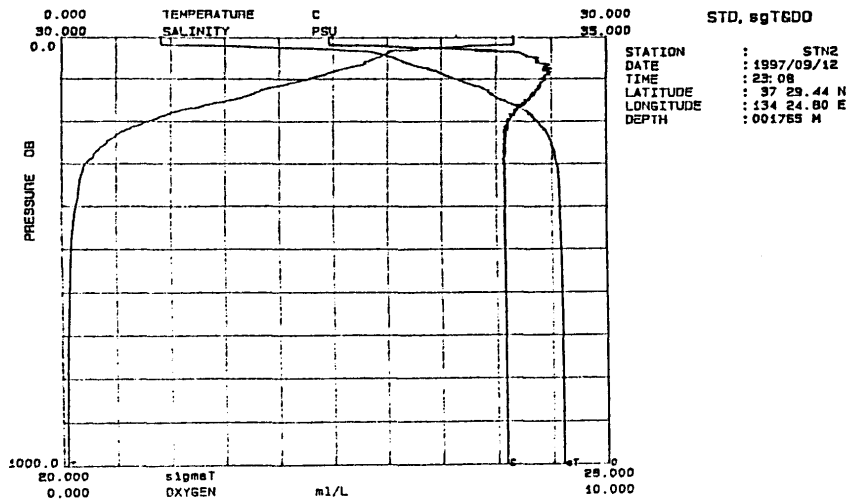
- PROCESS DATA -



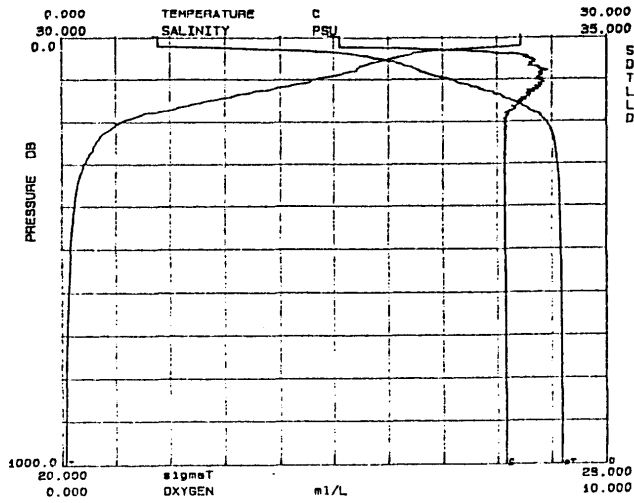
- PROCESS DATA -



- PROCESS DATA -



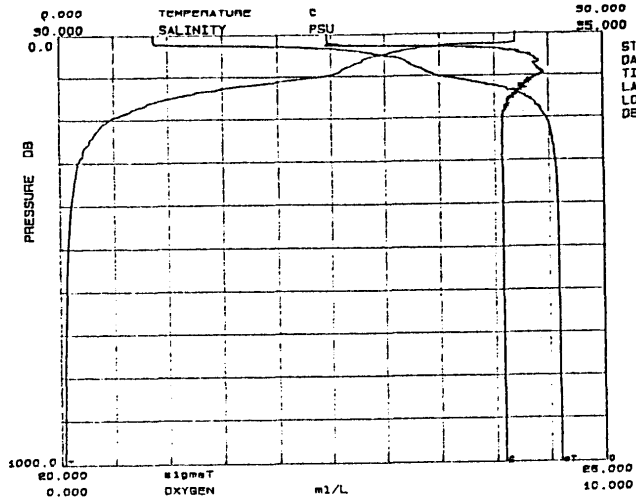
- PROCESS DATA -



STD, sgT&DD

STATION : STN5
 DATE : 1997/09/13
 TIME : 05:27
 LATITUDE : 37 14.49 N
 LONGITUDE : 134 06.14 E
 DEPTH : 001963 M

- PROCESS DATA -



STD, sgT&DD

STATION : STN14
 DATE : 1997/09/13
 TIME : 08:36
 LATITUDE : 37 14.74 N
 LONGITUDE : 133 46.80 E
 DEPTH : 001501 M

- PROCESS DATA -

3 . 2 . 第 7 0 次 航 海

t h e 7 0 t h C r u i s e

3. 2. 1. CTD観測表 CTD Observation Table

St.No.	Time(SMT)	GMT	Lat.	Long.	A.Temp	W.Temp	Depth	Wind Dir	Wind s'd	Remarks
UM98302C	3/3 10:00	3/3 01:00	11° 59.40' N	134° 53.90' E	27.5°C	27.0°C	4394m	E	11.5m/s	
UM98304C	3/3 19:01	3/3 10:01	12° 57.63' N	135° 09.13' E	27.1	27.0	3164	NE	13.0	
UM98311C	3/4 10:04	3/4 01:04	15° 29.65' N	135° 28.26' E	26.2	26.3	5300	E	7.0	
UM98314C	3/4 19:00	3/4 10:00	16° 54.99' N	135° 45.80' E	26.7	25.6	4795	NE	10.0	
UM98321C	3/5 10:10	3/5 01:10	19° 48.13' N	136° 12.12' E	24.6	25.6	3615	E	3.8	
UM98325C	3/5 19:04	3/5 10:04	21° 19.73' N	136° 21.60' E	24.0	24.5	2396	W	4.3	
UM98332C	3/6 10:10	3/6 01:10	24° 17.01' N	136° 59.48' E	24.0	21.7	4600	N	7.0	
UM98336C	3/6 19:04	3/6 10:04	25° 51.90' N	137° 18.58' E	21.2	19.6	5500	N	6.5	
UM98343C	3/7 10:20	3/7 01:20	28° 32.10' N	137° 49.60' E	19.5	17.6	4195	W	7.0	
UM98347C	3/7 19:02	3/7 10:02	30° 04.14' N	138° 04.88' E	19.0	17.4	4046	NNW	8.0	
UM98353C	3/8 13:15	3/8 04:15	33° 00.19' N	138° 44.07' E	20.4	12.7	2465	E	6.5	
UM98356C	3/8 19:31	3/8 10:31	34° 06.27' N	138° 41.20' E	18.6	12.5	1608	W	4.0	

3. 2. 2. CTD観測データ CTD Data

STATION - UM98302C DEPTH - 004388 M
 DATE - 1998/03/03 POSITION LAT. - 11° 59.43 N
 TIME - 00:58 LONG. - 134° 53.99 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	27.542	34.030	21.816	1539.7	27.542	21.816	4.55	15.47
1.0	27.563	34.335	22.038	1540.1	27.563	22.038	4.54	15.92
2.0	27.546	34.337	22.046	1540.1	27.545	22.046	4.55	15.57
3.0	27.529	34.343	22.055	1540.0	27.528	22.056	4.55	15.17
4.0	27.529	34.341	22.054	1540.1	27.528	22.055	4.55	15.08
5.0	27.526	34.343	22.056	1540.1	27.525	22.057	4.55	15.08
10.0	27.525	34.343	22.057	1540.1	27.522	22.058	4.55	15.06
15.0	27.531	34.342	22.055	1540.2	27.527	22.056	4.55	15.13
20.0	27.527	34.342	22.056	1540.3	27.522	22.057	4.55	14.91
25.0	27.528	34.343	22.056	1540.4	27.522	22.057	4.55	14.89
30.0	27.523	34.343	22.058	1540.5	27.516	22.060	4.55	15.08
40.0	27.522	34.342	22.057	1540.6	27.512	22.060	4.55	15.10
50.0	27.522	34.342	22.057	1540.8	27.510	22.061	4.55	15.06
76.0	27.392	34.319	22.081	1540.9	27.374	22.087	4.56	15.08
101.0	24.234	34.819	23.460	1534.5	21.212	23.466	4.79	15.58
126.0	20.287	34.857	24.578	1524.7	20.264	24.581	5.11	14.91
151.0	18.593	34.790	24.965	1520.2	18.566	24.972	5.31	14.06
201.0	13.803	34.513	25.836	1506.2	13.854	25.842	5.84	12.61
251.0	11.299	34.372	26.233	1498.1	11.267	26.238	6.17	12.31
301.0	9.781	34.374	26.500	1493.5	9.719	26.506	6.37	10.30
403.0	8.117	34.451	26.825	1489.0	8.076	26.831	6.61	7.89
501.5	6.855	34.452	27.007	1485.7	6.808	27.014	6.81	7.78

STATION - UM98304C DEPTH - 003164 M
 DATE - 1998/03/03 POSITION LAT. - 12° 57.63 N
 TIME - 10:00 LONG. - 135° 09.13 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	27.579	32.776	20.861	1538.1	27.579	20.861	4.58	16.54
1.0	27.578	32.984	21.018	1538.4	27.578	21.018	4.58	16.54
2.0	27.593	34.112	22.087	1540.3	27.592	22.087	4.54	16.21
3.0	27.598	34.412	22.086	1540.3	27.597	22.086	4.54	16.04
4.0	27.591	34.411	22.088	1540.3	27.593	22.089	4.54	16.03
5.0	27.592	34.413	22.088	1540.3	27.591	22.088	4.54	15.92
10.0	27.592	34.412	22.088	1540.4	27.589	22.088	4.54	15.96
15.0	27.593	34.413	22.087	1540.5	27.590	22.088	4.54	16.02
20.0	27.590	34.412	22.088	1540.5	27.585	22.089	4.54	15.89
25.0	27.595	34.412	22.086	1540.6	27.589	22.088	4.54	15.91
30.0	27.598	34.413	22.086	1540.7	27.591	22.089	4.54	15.98
40.0	27.599	34.414	22.086	1540.9	27.590	22.089	4.54	15.87
50.0	27.603	34.415	22.086	1541.1	27.591	22.089	4.54	15.96
75.0	27.571	34.496	22.156	1541.5	27.557	22.162	4.54	15.88
100.0	26.868	34.565	22.427	1540.1	26.845	22.431	4.59	16.23
125.0	23.029	34.939	23.801	1532.0	23.003	23.808	4.89	16.43
150.0	19.825	34.833	24.681	1523.7	19.798	24.688	5.19	15.20
200.0	16.084	34.610	25.453	1513.3	16.052	25.460	5.58	13.78
250.0	12.950	34.442	25.971	1503.8	12.916	25.974	5.95	13.38
300.0	10.616	34.338	26.329	1496.4	10.580	26.335	6.26	12.48
400.0	8.618	34.415	26.739	1490.9	8.605	26.746	6.53	8.32
500.0	6.911	34.422	26.976	1485.9	6.863	26.982	6.80	7.57
501.8	6.880	34.422	26.980	1485.8	6.833	26.986	6.80	7.57

STATION - UM98311C DEPTH - 005350 M
 DATE - 1998/03/04 POSITION LAT. - 15° 29.64 N
 TIME - 01:08 LONG. - 135° 28.12 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	27.216	34.025	21.917	1538.9	27.216	21.917	4.58	16.35
1.0	27.214	34.462	22.216	1539.4	27.213	22.246	4.57	16.31
2.0	27.224	34.479	22.256	1539.5	27.224	22.256	4.57	16.27
3.0	27.227	34.480	22.256	1539.5	27.226	22.256	4.57	16.17
4.0	27.226	34.481	22.257	1539.5	27.225	22.257	4.57	16.10
5.0	27.227	34.480	22.255	1539.6	27.226	22.256	4.57	16.13
10.0	27.224	34.483	22.259	1539.6	27.221	22.260	4.57	16.27
15.0	27.225	34.483	22.259	1539.7	27.221	22.260	4.57	16.31
20.0	27.221	34.483	22.259	1539.8	27.219	22.260	4.57	16.31
25.0	27.222	34.482	22.259	1539.9	27.216	22.260	4.57	16.09
30.0	27.219	34.480	22.258	1539.9	27.212	22.261	4.57	16.13
40.0	27.217	34.483	22.261	1540.1	27.207	22.264	4.57	16.27
50.0	27.131	34.565	22.350	1540.2	27.120	22.351	4.57	16.12
77.0	26.780	34.720	22.579	1540.0	26.762	22.585	4.59	16.61
102.0	26.117	34.786	22.837	1538.9	26.091	22.841	4.61	16.79
127.0	25.445	34.851	23.095	1537.8	25.417	23.103	4.69	16.53
152.0	22.915	34.998	23.958	1532.2	22.881	23.967	4.90	16.50
202.0	18.775	34.779	24.910	1521.6	18.739	24.919	5.29	14.97
252.0	15.370	34.616	25.595	1511.9	15.331	25.604	5.66	15.09
302.0	12.510	34.491	26.026	1503.1	12.470	26.031	6.01	14.21
403.0	8.526	34.295	26.641	1490.3	8.484	26.648	6.56	10.13
501.8	7.008	34.379	26.928	1486.2	6.960	26.935	6.79	7.48

STATION - UM98311C DEPTH - 004795 M
 DATE - 1998/03/04 POSITION LAT. - 16° 54.81 N
 TIME - 10:00 LONG. - 135° 46.01 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	27.104	33.932	21.883	1538.6	27.104	21.883	4.59	17.20
1.0	27.132	34.328	22.172	1539.1	27.131	22.172	4.58	17.14
2.0	27.156	34.450	22.256	1539.3	27.155	22.256	4.57	17.04
3.0	27.171	34.455	22.254	1539.4	27.173	22.254	4.57	16.88
4.0	27.140	34.459	22.268	1539.3	27.139	22.268	4.57	16.85
5.0	27.136	34.459	22.269	1539.3	27.135	22.269	4.57	16.95
10.0	27.149	34.460	22.265	1539.4	27.146	22.266	4.57	17.12
15.0	27.152	34.458	22.263	1539.5	27.149	22.264	4.57	17.19
20.0	27.155	34.459	22.263	1539.6	27.150	22.264	4.57	17.05
25.0	27.161	34.461	22.263	1539.7	27.155	22.265	4.57	17.23
30.0	27.163	34.460	22.261	1539.8	27.156	22.263	4.57	17.28
40.0	27.155	34.477	22.277	1540.0	27.145	22.280	4.57	17.32
50.0	27.158	34.628	22.389	1540.3	27.146	22.393	4.57	17.15
75.0	26.899	34.700	22.526	1540.2	26.882	22.531	4.58	17.23
100.0	26.089	34.781	22.815	1538.8	26.066	22.852	4.65	17.65
125.0	25.302	34.872	23.151	1537.5	25.274	23.163	4.71	17.38
150.0	23.741	34.955	23.686	1531.2	23.710	23.695	4.83	17.33
200.0	20.033	34.825	24.621	1525.1	19.996	24.631	5.17	15.85
250.0	17.869	34.819	25.167	1519.7	17.826	25.177	5.38	16.13
300.0	15.557	34.609	25.548	1513.3	15.510	25.558	5.61	15.61
400.0	10.429	34.290	26.325	1497.2	10.381	26.332	6.29	13.55
500.0	8.221	34.266	26.664	1490.7	8.169	26.672	6.60	9.91
500.6	8.215	34.269	26.668	1490.7	8.163	26.675	6.61	9.96

STATION - UM98321C DEPTH - 003639 M
 DATE - 1998/03/05 POSITION LAT. - 19° 48.18 N
 TIME - 01:06 LONG. - 136° 12.25 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	24.573	34.543	23.127	1533.4	24.573	23.127	4.77	17.42
1.0	24.574	34.514	23.104	1533.3	24.573	23.105	4.77	17.38
2.0	24.557	34.818	23.310	1533.7	24.556	23.310	4.77	17.76
3.0	24.539	34.821	23.347	1533.6	24.538	23.317	4.77	17.48
4.0	24.532	34.822	23.350	1533.6	24.531	23.350	4.77	17.61
5.0	24.529	34.824	23.352	1533.7	24.528	23.352	4.77	17.51
10.0	24.369	34.826	23.402	1533.3	24.367	23.403	4.78	17.39
15.0	24.358	34.827	23.405	1533.1	24.355	23.406	4.78	17.56
20.0	24.353	34.826	23.406	1533.5	24.349	23.408	4.78	17.52
25.0	24.326	34.825	23.414	1533.5	24.321	23.415	4.79	17.50
30.0	23.962	34.834	23.529	1532.7	23.955	23.531	4.82	17.78
40.0	23.298	34.842	23.729	1531.2	23.290	23.731	4.87	18.14
50.0	23.097	34.833	23.781	1530.8	23.087	23.784	4.89	18.28
75.0	22.341	34.837	24.000	1529.3	22.326	24.004	4.95	18.61
100.0	21.533	34.848	24.234	1527.6	21.513	24.239	5.03	18.43
125.0	20.100	34.871	24.638	1521.2	20.077	24.644	5.16	19.05
150.0	18.937	34.881	24.948	1521.3	18.910	24.951	5.27	18.04
200.0	17.901	34.841	25.176	1519.1	17.866	25.184	5.38	17.81
250.0	16.738	34.764	25.396	1516.3	16.697	25.405	5.50	17.38
302.0	15.710	34.673	25.563	1513.9	15.662	25.573	5.62	17.78
402.0	13.045	34.461	25.967	1506.6	12.989	25.978	5.91	17.64
501.8	8.747	34.181	26.517	1492.6	8.693	26.526	6.53	15.89

STATION - UM98325C DEPTH - 002369 M
 DATE - 1998/03/05 POSITION LAT. - 21° 19.73 N
 TIME - 10:00 LONG. - 136° 21.60 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	24.008	34.802	23.491	1532.3	24.008	23.491	4.81	18.84
1.0	24.010	34.858	23.532	1532.4	24.009	23.532	4.81	18.80
2.0	24.017	34.873	23.542	1532.4	24.016	23.542	4.81	18.38
3.0	24.015	34.875	23.544	1532.4	24.014	23.544	4.81	18.04
4.0	24.021	34.875	23.542	1532.5	24.020	23.543	4.81	17.60
5.0	24.026	34.875	23.541	1532.5	24.024	23.541	4.81	17.32
10.0	23.996	34.868	23.544	1532.5	23.994	23.545	4.81	17.51
15.0	23.803	34.870	23.603	1532.1	23.800	23.604	4.83	17.80
20.0	23.776	34.871	23.611	1532.1	23.772	23.613	4.83	17.86
25.0	23.747	34.871	23.620	1532.1	23.742	23.621	4.83	18.32
30.0	23.717	34.870	23.628	1532.1	23.710	23.630	4.84	18.20
40.0	23.670	34.868	23.610	1532.2	23.662	23.643	4.84	18.09
50.0	23.655	34.867	23.614	1532.3	23.645	23.647	4.84	18.09
75.0	22.368	34.816	23.999	1529.4	22.353	24.003	4.95	18.74
100.0	21.510	34.860	24.241	1527.6	21.520	24.246	5.03	18.87
125.0	20.181	34.887	24.629	1524.4	20.157	24.635	5.15	18.42
150.0	18.712	34.858	24.987	1520.6	18.686	24.994	5.29	17.68
200.0	17.688	34.844	25.230	1518.4	17.654	25.238	5.40	17.60
250.0	16.755	34.771	25.397	1516.4	16.714	25.407	5.50	17.78
300.0	15.568	34.666	25.590	1513.4	15.521	25.600	5.63	17.63
400.0	12.339	34.411	26.067	1501.1	12.285	26.077	6.03	17.18
500.0	9.300	34.238	26.474	1494.7	9.244	26.483	6.45	15.63
501.0	9.277	34.232	26.473	1494.6	9.221	26.482	6.45	15.25

STATION - UM98332C DEPTH - 004600 M
 DATE - 1998/03/06 POSITION LAT. - 24° 17.01 N
 TIME - 01:01 LONG. - 136° 59.48 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	24.511	34.886	23.405	1533.6	24.511	23.405	4.77	18.27
1.0	24.511	34.886	23.401	1533.6	24.510	23.405	4.77	18.28
2.0	24.483	34.888	23.414	1533.6	24.482	23.411	4.77	18.17
3.0	24.484	34.888	23.414	1533.6	24.483	23.415	4.77	17.81
4.0	24.490	34.888	23.412	1533.6	24.489	23.412	4.77	17.56
5.0	24.497	34.885	23.408	1533.6	24.495	23.408	4.77	17.67
10.0	24.478	34.888	23.416	1533.7	24.475	23.417	4.77	17.72
15.0	24.478	34.887	23.416	1533.8	24.474	23.417	4.77	17.62
20.0	24.478	34.889	23.417	1533.8	24.473	23.418	4.77	18.03
25.0	24.479	34.889	23.416	1533.9	24.471	23.418	4.77	18.25
30.0	24.478	34.888	23.416	1534.0	24.471	23.418	4.77	17.88
40.0	24.477	34.889	23.417	1534.2	24.469	23.419	4.77	18.31
50.0	24.477	34.889	23.417	1534.3	24.466	23.420	4.77	18.30
75.0	24.471	34.888	23.418	1534.7	24.455	23.423	4.77	18.46
100.0	22.089	34.884	24.106	1529.1	22.069	24.112	4.98	18.66
125.0	20.758	34.897	24.483	1526.0	20.734	24.489	5.10	18.35
150.0	19.775	34.886	24.735	1523.7	19.747	24.742	5.19	17.76
200.0	18.228	34.858	25.108	1520.0	18.193	25.117	5.34	17.83
250.0	17.124	34.808	25.338	1517.5	17.083	25.318	5.46	17.95
300.0	16.512	34.757	25.444	1516.4	16.453	25.455	5.53	17.63
400.0	13.406	34.489	25.916	1507.8	13.350	25.927	5.89	17.42
502.0	10.466	34.279	26.309	1499.0	10.406	26.319	6.28	16.28
502.0	10.466	34.279	26.309	1499.0	10.406	26.319	6.28	16.28

STATION - UM98336C DEPTH - 005509 M
 DATE - 1998/03/06 POSITION LAT. - 25° 51.91 N
 TIME - 10:03 LONG. - 137° 18.57 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	22.312	34.938	24.085	1528.1	22.312	24.085	4.95	19.72
1.0	22.314	34.939	24.085	1528.2	22.313	24.085	4.95	19.73
2.0	22.296	34.946	24.095	1528.1	22.295	24.095	4.96	19.77
3.0	22.291	34.947	24.097	1528.1	22.290	24.097	4.96	19.45
4.0	22.296	34.950	24.098	1528.2	22.295	24.098	4.96	19.25
5.0	22.296	34.919	24.097	1528.2	22.295	24.097	4.96	19.28
10.0	22.300	34.952	24.098	1528.3	22.298	24.099	4.95	19.62
15.0	22.313	34.948	24.092	1528.4	22.310	24.093	4.95	19.31
20.0	22.316	34.950	24.092	1528.5	22.312	24.093	4.95	19.08
25.0	22.288	34.946	24.098	1528.5	22.283	24.099	4.96	19.22
30.0	22.264	34.944	24.103	1528.5	22.258	24.105	4.96	19.37
40.0	22.258	34.944	24.101	1528.7	22.250	24.107	4.96	19.32
50.0	22.248	34.941	24.105	1528.8	22.238	24.108	4.96	19.32
75.0	22.189	34.941	24.121	1529.0	22.174	24.126	4.97	19.74
100.0	21.845	34.953	24.227	1528.5	21.825	24.232	5.00	19.52
125.0	21.512	34.879	24.263	1528.0	21.487	24.270	5.03	19.71
150.0	21.292	34.834	24.289	1527.7	21.263	24.297	5.05	19.53
200.0	19.167	34.891	24.896	1522.8	19.131	24.905	5.25	18.67
250.0	17.849	34.852	25.197	1519.7	17.806	25.207	5.38	18.94
300.0	17.180	34.799	25.318	1518.5	17.130	25.330	5.45	17.93
400.0	15.436	34.663	25.616	1511.5	15.374	25.630	5.65	18.55
500.0	12.500	34.423	26.045	1506.2	12.433	26.059	6.01	17.84
501.0	12.467	34.429	26.057	1506.2	12.399	26.070	6.01	17.90

STATION - UM98343C DEPTH - 004195 M
 DATE - 1998/03/07 POSITION LAT. - 28° 32.42 N
 TIME - 01:09 LONG. - 137° 49.73 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	19.637	34.831	24.729	1520.8	19.637	24.729	5.20	22.00
1.0	19.649	34.829	24.724	1520.9	19.649	24.724	5.20	22.18
2.0	19.627	34.822	24.725	1520.8	19.626	24.725	5.21	21.71
3.0	19.605	34.827	24.731	1520.8	19.605	24.734	5.21	20.96
4.0	19.597	34.829	24.738	1520.8	19.596	24.739	5.21	20.95
5.0	19.598	34.828	24.737	1520.8	19.597	24.737	5.21	21.05
10.0	19.609	34.830	24.738	1520.9	19.598	24.738	5.21	20.99
15.0	19.598	34.829	24.738	1521.0	19.595	24.739	5.21	21.06
20.0	19.583	34.828	24.741	1521.0	19.579	24.742	5.21	21.18
25.0	19.579	34.828	24.742	1521.1	19.575	24.743	5.21	21.15
30.0	19.580	34.828	24.742	1521.1	19.574	24.743	5.21	21.09
40.0	19.577	34.828	24.743	1521.3	19.569	24.745	5.21	20.89
50.0	19.576	34.827	24.742	1521.5	19.567	24.745	5.21	20.96
75.0	19.577	34.827	24.742	1521.9	19.563	24.746	5.21	20.93
100.0	19.565	34.826	24.744	1522.2	19.546	24.749	5.21	21.18
125.0	19.519	34.822	24.753	1522.5	19.496	24.758	5.22	20.74
150.0	19.021	34.826	24.884	1521.5	18.994	24.891	5.27	19.98
200.0	18.138	34.836	25.114	1519.7	18.101	25.122	5.35	19.43
250.0	17.505	34.820	25.256	1518.7	17.462	25.266	5.42	19.12
300.0	17.034	34.788	25.341	1518.0	16.981	25.356	5.47	19.14
400.0	15.267	34.657	25.627	1514.3	15.305	25.611	5.66	18.43
500.0	13.150	34.491	25.969	1508.5	13.080	25.983	5.92	17.27
500.8	13.122	34.489	25.973	1508.4	13.052	25.987	5.93	17.38

STATION - UM98353C DEPTH - 002472 M
 DATE - 1998/03/08 POSITION LAT. - 33° 00.14 N
 TIME - 04:10 LONG. - 138° 44.01 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	20.185	33.001	23.193	1519.9	20.185	23.193	5.21	16.71
1.0	20.168	34.122	24.049	1521.4	20.167	24.049	5.18	16.51
2.0	20.425	34.741	24.456	1522.9	20.421	24.456	5.13	17.67
3.0	20.428	34.772	24.476	1523.0	20.427	24.476	5.13	18.27
4.0	20.424	34.783	24.485	1523.0	20.423	24.485	5.13	18.71
5.0	20.420	34.789	24.491	1523.0	20.419	24.491	5.13	19.19
10.0	20.433	34.789	24.487	1523.1	20.431	24.488	5.13	20.37
15.0	20.436	34.790	24.488	1523.2	20.433	24.488	5.13	20.56
20.0	20.435	34.789	24.487	1523.3	20.431	24.488	5.13	19.98
25.0	20.436	34.789	24.487	1523.1	20.431	24.488	5.13	20.66
30.0	20.434	34.789	24.487	1523.5	20.428	24.489	5.13	20.87
40.0	20.432	34.789	24.488	1523.6	20.424	24.490	5.13	20.88
50.0	20.433	34.790	24.488	1523.8	20.423	24.491	5.13	20.71
75.0	20.436	34.787	24.485	1524.2	20.421	24.489	5.13	20.91
100.0	20.436	34.789	24.486	1524.6	20.416	24.492	5.13	20.92
125.0	20.439	34.789	24.486	1525.1	20.414	24.492	5.13	20.90
151.0	20.397	34.789	24.497	1525.3	20.368	24.505	5.13	20.56
205.0	18.858	34.853	24.916	1521.9	18.822	24.955	5.28	19.09
262.0	17.921	34.838	25.168	1520.1	17.876	25.179	5.38	18.85
316.0	17.013	34.792	25.353	1518.2	16.961	25.365	5.47	18.42
420.0	14.619	34.593	25.742	1512.2	14.556	25.755	5.75	17.30
502.7	11.780	34.401	26.166	1503.8	11.714	26.178	6.10	16.01

STATION - UM98347C DEPTH - 004046 M
 DATE - 1998/03/07 POSITION LAT. - 30° 04.18 N
 TIME - 10:01 LONG. - 138° 09.86 E

DATA TYPE = PROCESS

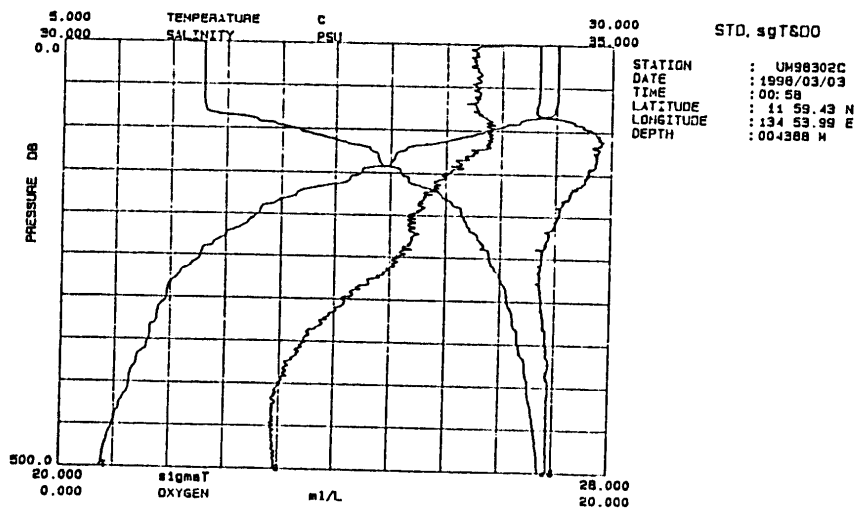
Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	19.389	33.898	24.081	1519.0	19.389	24.081	5.26	22.34
1.0	19.298	33.214	23.582	1517.8	19.298	23.582	5.29	21.47
2.0	19.399	34.194	24.533	1519.8	19.399	24.533	5.24	21.93
3.0	19.403	34.771	24.744	1520.1	19.403	24.744	5.23	21.15
4.0	19.396	34.818	24.782	1520.2	19.395	24.782	5.23	20.53
5.0	19.391	34.820	24.784	1520.2	19.390	24.785	5.23	20.34
10.0	19.395	34.822	24.785	1520.3	19.393	24.786	5.23	20.76
15.0	19.399	34.822	24.784	1520.4	19.396	24.785	5.23	20.78
20.0	19.402	34.822	24.783	1520.5	19.398	24.784	5.23	20.68
25.0	19.404	34.821	24.782	1520.6	19.399	24.784	5.23	20.84
30.0	19.405	34.821	24.782	1520.6	19.399	24.783	5.23	20.89
40.0	19.406	34.822	24.782	1520.8	19.399	24.784	5.23	20.83
50.0	19.409	34.821	24.781	1521.0	19.400	24.783	5.23	20.75
75.0	19.349	34.808	24.786	1521.2	19.335	24.790	5.23	20.88
100.0	19.305	34.805	24.795	1521.5	19.287	24.800	5.24	20.65
125.0	19.274	34.804	24.803	1521.8	19.251	24.809	5.24	20.56
150.0	19.236	34.799	24.809	1522.1	19.209	24.815	5.24	20.72
200.0	18.875	34.831	24.925	1521.9	18.840	24.934	5.28	20.25
250.0	18.178	34.839	25.106	1520.7	18.135	25.117	5.35	18.76
300.0	17.529	34.821	25.251	1519.5	17.478	25.263	5.42	18.40
400.0	15.608	34.681	25.574	1515.4	15.625	25.588	5.62	17.78
500.0	13.426	34.511	25.928	1509.5	13.355	25.943	5.89	16.78
500.5	13.413	34.513	25.933	1509.4	13.342	25.947	5.89	16.82

STATION - UM98356C DEPTH - 001692 M
 DATE - 1998/03/08 POSITION LAT. - 34° 06.26 N
 TIME - 10:34 LONG. - 138° 41.17 E

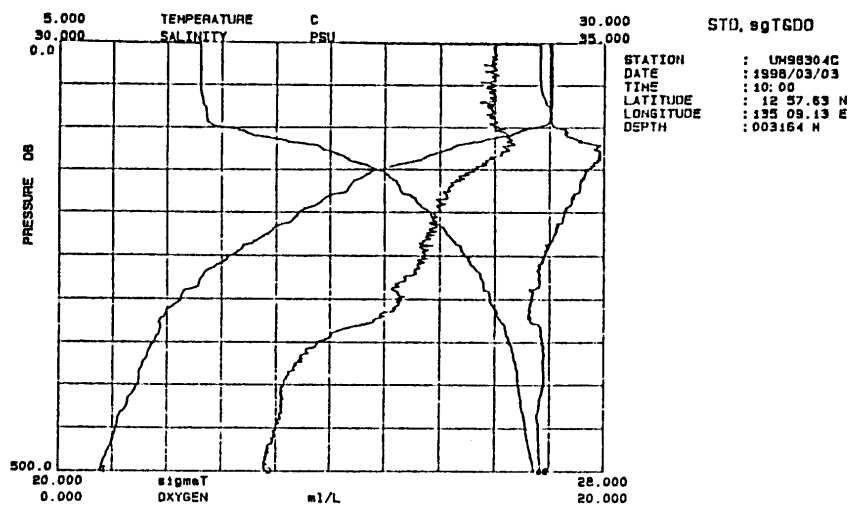
DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	19.320	34.782	24.759	1519.9	19.320	24.759	5.24	17.10
1.0	19.306	34.767	24.766	1519.8	19.306	24.766	5.24	17.36
2.0	19.271	34.779	24.784	1519.8	19.271	24.784	5.24	18.53
3.0	19.273	34.785	24.788	1519.8	19.273	24.788	5.24	19.70
4.0	19.276	34.788	24.790	1519.8	19.275	24.790	5.24	19.74
5.0	19.277	34.788	24.789	1519.8	19.276	24.790	5.24	19.91
10.0	19.281	34.788	24.788	1519.9	19.279	24.789	5.24	19.73
15.0	19.245	34.781	24.793	1519.9	19.242	24.793	5.24	19.76
20.0	19.175	34.773	24.804	1519.8	19.171	24.805	5.25	20.24
25.0	19.164	34.772	24.806	1519.8	19.160	24.808	5.25	20.51
30.0	19.162	34.773	24.807	1519.9	19.156	24.809	5.25	20.67
40.0	19.000	34.754	24.834	1519.6	18.993	24.836	5.27	20.90
50.0	18.737	34.719	24.874	1518.9	18.728	24.877	5.30	21.26
75.0	17.933	34.711	25.068	1517.0	17.920	25.071	5.38	21.48
100.0	17.498	34.683	25.153	1516.1	17.481	25.157	5.42	21.82
125.0	17.038	34.725	25.296	1515.2	17.017	25.300	5.47	19.56
150.0	15.959	34.634	25.476	1512.2	15.935	25.481	5.59	18.31
200.0	13.500	34.535	25.932	1505.0	13.472	25.938	5.88	16.59
250.0	11.133	34.407	26.230	1497.5	11.102	26.295	6.19	15.09
300.0	10.216	34.367	26.421	1495.0	10.180	26.427	6.31	13.86
400.0	8.076	34.295	26.712	1488.6	8.035	26.718	6.62	12.18
500.0	6.546	34.278	26.912	1484.2	6.500	26.918	6.86	10.27
501.9	6.539	34.282	26.916	1484.2	6.493	26.922	6.87	10.20

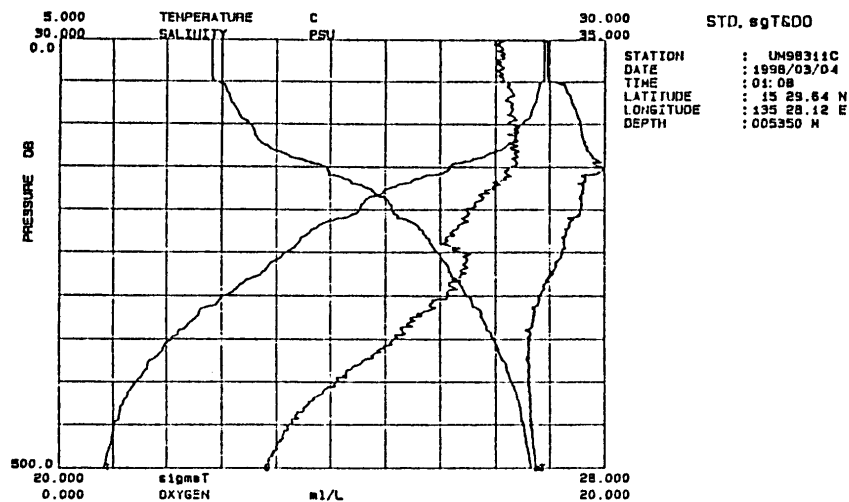
3. 2. 3. CTD 鉛直プロファイル CTD Profiles



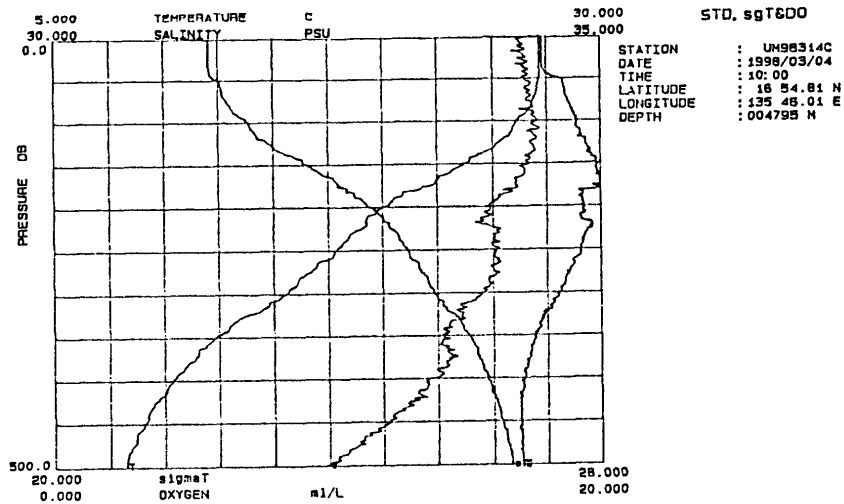
- PROCESS DATA -



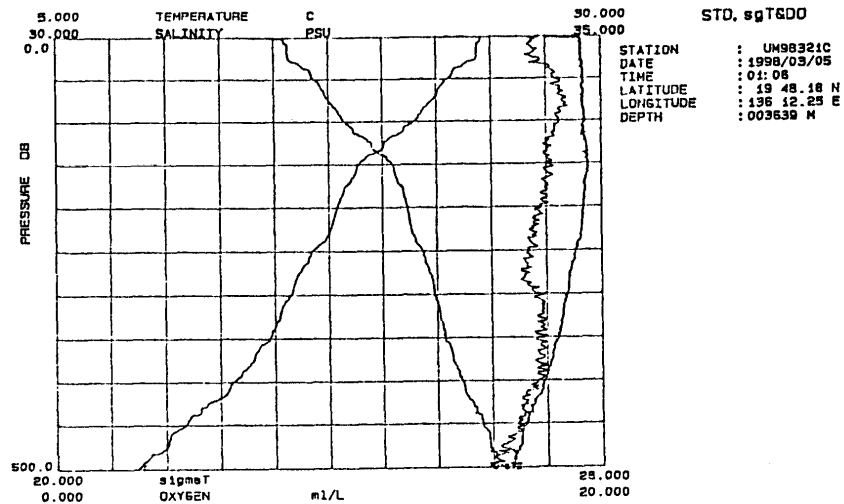
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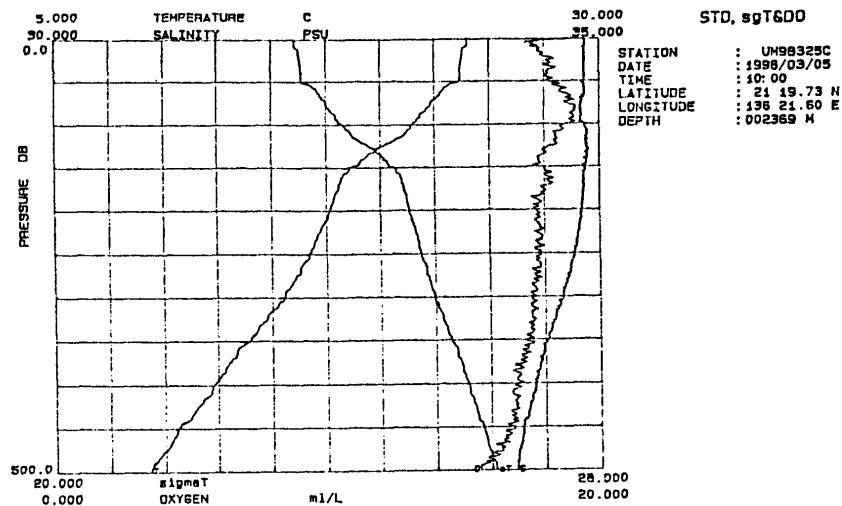
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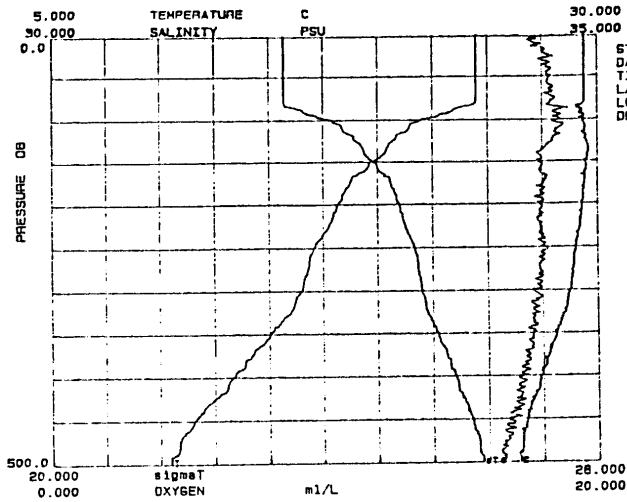
- PROCESS DATA -



- PROCESS DATA -

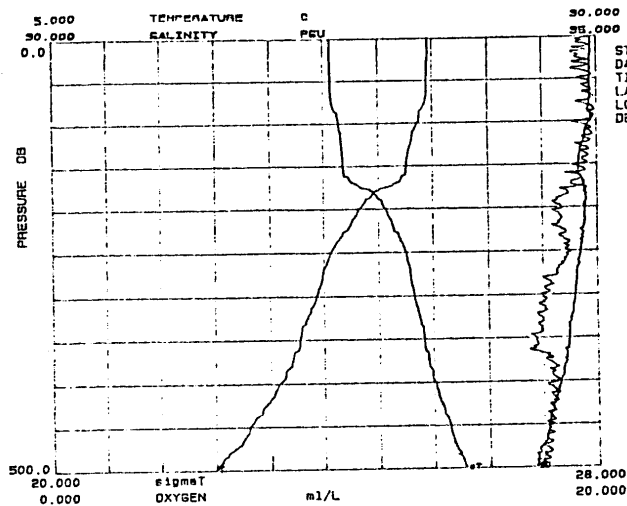


- PROCESS DATA -



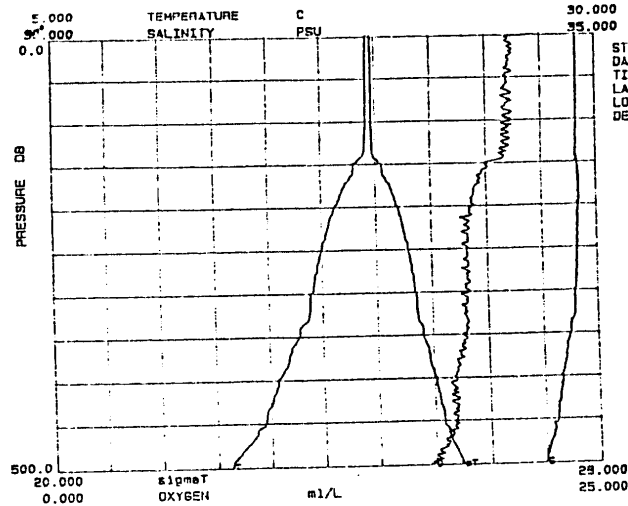
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 LONGITUDE : 136 59.48 E
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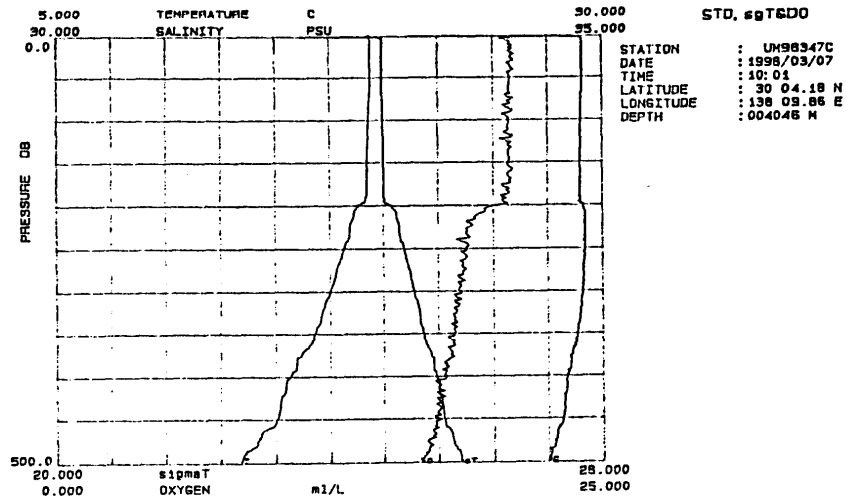
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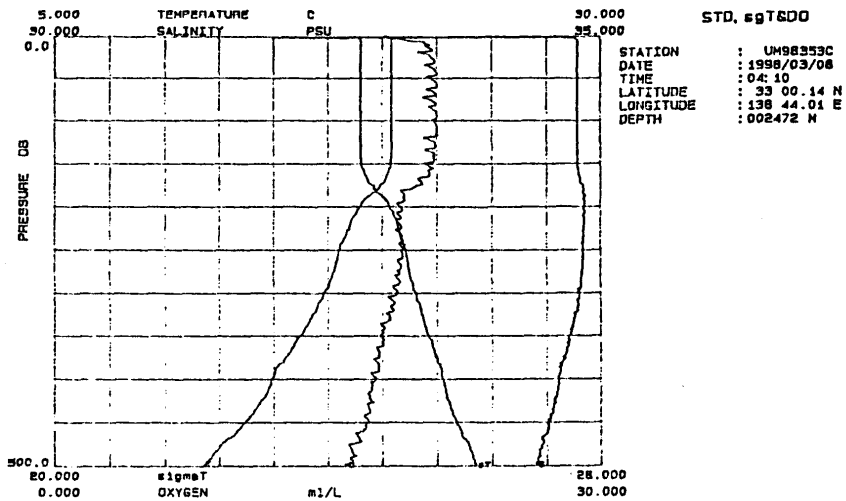


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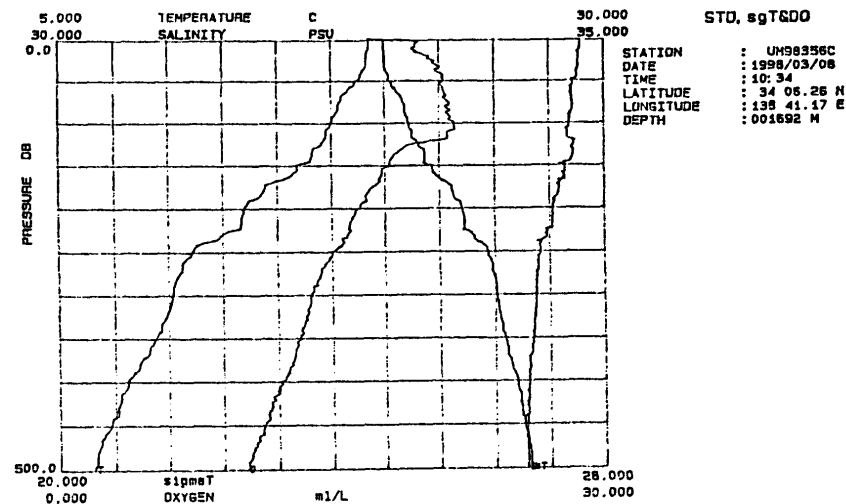
- PROCESS DATA -



- PROCESS DATA -



- PROCESS DATA -



- PROCESS DATA -