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第一部 海鷹丸航海調査報告 平成7年度[第64次] 期間  
平成7年12月～平成8年3月 海域 インド洋及び南大洋

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:
URL	<a href="https://oacis.repo.nii.ac.jp/records/258">https://oacis.repo.nii.ac.jp/records/258</a>

### 3. 調査資料

Oceanographic Observation Data

3. 1. CTD観測表 C T D Observation Table

St. No.	Time (SMT)	GMT	Lat.	Long	A. Temp	W. Temp	Depth	Wind Dir.	Wind S'd	Remarks
UM961C01	1/20 11:03	1/20 03:03	39° 59.75' S	117° 48.62' E	15.0	15.2	4572	190	10.0	
UM961C02	1/21 10:58	1/21 02:58	44° 11.60' S	120° 24.12' E	13.1	12.6	4480	260	8.0	
UM961C03	1/24 10:03	1/24 02:03	53° 38.37' S	123° 29.96' E	4.4	5.2	4353	350	6.0	
UM961C04	1/25 10:06	1/25 01:36	57° 50.78' S	128° 40.55' E	5.1	4.7	4676	315	7.5	
UM961C05	1/26 11:13	1/26 02:13	62° 00.19' S	135° 00.14' E	3.6	2.0	4330	320	9.0	
UM961C06	1/26 17:52	1/26 08:52	63° 00.70' S	134° 59.59' E	4.6	1.6	4180	310	7.0	
UM961C07	1/27 00:13	1/26 15:13	63° 59.47' S	135° 00.06' E	2.2	1.5	3300	320	4.5	
UM961D07	1/27 02:25	1/26 27:25	64° 00.80' S	135° 04.70' E	2.2	1.6	3300	330	4.5	
UM961C08	1/27 06:50	1/26 21:50	64° 32.73' S	135° 00.02' E	1.5	0.2	2500	330	4.5	
UM961C09	1/28 00:33	1/27 15:33	64° 29.89' S	139° 58.08' E	1.5	1.2	3180	190	2.5	Do故障
UM961C10	1/28 02:42	1/27 17:42	64° 29.60' S	140° 00.80' E	1.3	1.3	3215	180	5.0	
UM961D10	1/28 08:40	1/27 23:42	65° 29.63' S	139° 57.71' E	1.2	1.3	1820	110	6.2	
UM961C11	1/28 10:12	1/28 01:12	64° 00.00' S	140° 00.40' E	1.0	1.2	1550	105	4.6	
UM961D11	1/29 10:15	1/29 01:15	63° 57.30' S	140° 01.90' E	1.0	1.5	3705	115	7.5	
UM961C12	1/29 16:10	1/29 07:10	63° 00.16' S	139° 59.81' E	1.0	2.4	3750	045	7.7	
UM961D12	1/29 18:04	1/29 09:04	62° 59.38' S	139° 58.3' E	1.0	2.4	3720	045	7.7	
UM961C13	1/29 23:32	1/29 14:32	62° 00.03' S	139° 59.89' E	0.4	1.9	4230	000	5.0	
UM961D13	1/30 01:25	1/29 16:25	62° 01.40' S	139° 58.80' E	0.4	1.9	4170	033	4.5	
UM961C14	1/30 06:48	1/29 21:48	62° 00.02' S	141° 59.90' E	0.4	1.8	4240	033	4.0	
UM961C15	1/30 09:37	1/30 00:37	62° 20.10' S	142° 00.41' E	0.5	1.8	4250	033	6.5	
UM961C16	1/30 12:15	1/30 03:15	62° 40.08' S	141° 59.02' E	0.4	1.9	4100	033	5.0	
UM961C17	1/30 14:51	1/30 05:51	62° 59.78' S	141° 59.38' E	1.6	2.1	3950	033	5.5	
UM961C18	1/30 17:36	1/30 08:36	63° 19.89' S	141° 59.68' E	1.6	1.5	3880	060	5.0	
UM961C19	1/30 20:22	1/30 11:22	63° 40.01' S	141° 59.73' E	1.2	1.7	3800	275	5.2	
UM961C20	1/30 22:58	1/30 13:58	64° 00.00' S	141° 59.79' E	1.0	1.5	3735	270	6.1	
UM961C21	1/31 01:32	1/30 16:32	64° 19.99' S	142° 00.12' E	1.5	1.6	3570	250	5.0	
UM961C22	1/31 04:11	1/30 19:11	64° 39.96' S	142° 00.16' E	0.3	1.3	3320	190	6.0	
UM961C23	1/31 06:55	1/30 21:55	64° 59.86' S	142° 00.46' E	0.1	1.6	2960	150	3.0	
UM961C24	1/31 14:18	1/31 05:18	65° 14.57' S	141° 59.55' E	-1.0	1.3	2650	130	6.0	
UM961C25	1/31 17:05	1/31 08:05	65° 29.80' S	141° 59.90' E	-1.5	1.3	2000	140	5.0	
UM961D25	1/31 18:40	1/31 09:40	65° 29.40' S	141° 58.00' E	-1.2	0.8	2000	150	4.5	
UM962C26	2/ 2 08:00	2/ 1 23:00	65° 15.12' S	145° 00.03' E	-2.5	0.4	2845	150	3.0	
UM962C27	2/ 2 10:02	2/ 2 01:02	65° 00.05' S	145° 00.37' E	-1.8	1.4	3240	115	5.0	
UM962D27	2/ 2 12:01	2/ 2 03:01	64° 59.98' S	144° 59.83' E	-2.0	1.5	3260	135	0.5	

3. 2. CTD観測データ CTD Data

STATION - UM961C01 DEPTH - 004650 M  
 DATE - 1996/01/20 POSITION LAT. - 40°00.60 S  
 TIME - 03:00 LONG. - 117°47.90 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigma <sub>t</sub>	S-Vel. (m/s)	P-TEMP (°C)	sigma <sub>θ</sub>	S-Oxy (ml/L)	Oxy (ml/L)
0.0	15.035	34.943	25.921	1507.3	15.035	25.921	5.69	5.31
1.0	15.035	35.165	26.093	1507.5	15.035	26.093	5.68	5.38
2.0	15.043	35.167	26.092	1507.6	15.042	26.092	5.68	5.11
3.0	15.044	35.170	26.094	1507.6	15.044	26.094	5.68	4.92
4.0	15.044	35.171	26.095	1507.6	15.043	26.095	5.68	4.90
5.0	15.040	35.171	26.096	1507.6	15.039	26.096	5.68	4.90
10.0	15.036	35.173	26.099	1507.7	15.035	26.099	5.68	4.99
15.0	15.000	35.176	26.108	1507.7	14.998	26.109	5.68	4.99
20.0	14.990	35.179	26.113	1507.7	14.987	26.114	5.68	4.95
25.0	14.989	35.180	26.114	1507.8	14.985	26.115	5.68	4.97
30.0	14.988	35.182	26.116	1507.9	14.984	26.117	5.68	4.97
40.0	13.579	35.044	26.310	1503.3	13.573	26.311	5.85	5.21
50.0	13.762	35.293	26.464	1504.4	13.754	26.466	5.82	5.20
75.0	12.485	35.142	26.606	1500.3	12.475	26.608	5.98	5.12
100.0	12.016	35.075	26.615	1499.1	12.003	26.617	6.05	5.01
125.0	12.226	35.187	26.691	1500.3	12.210	26.694	6.01	4.88
150.0	11.651	35.080	26.718	1498.6	11.632	26.722	6.09	4.98
200.0	10.290	34.844	26.781	1494.3	10.266	26.785	6.28	5.12
250.0	9.904	34.807	26.818	1493.7	9.875	26.823	6.34	5.00
300.0	9.609	34.774	26.842	1493.3	9.575	26.848	6.38	5.02
400.0	9.403	34.755	26.861	1494.2	9.358	26.869	6.41	4.93
500.0	9.184	34.729	26.877	1494.9	9.128	26.886	6.44	4.80
501.5	9.181	34.731	26.878	1494.9	9.125	26.888	6.44	4.81

STATION - UM961C03 DEPTH - 004600 M  
 DATE - 1996/01/24 POSITION LAT. - 53°38.38 S  
 TIME - 01:59 LONG. - 123°29.96 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigma <sub>t</sub>	S-Vel. (m/s)	P-TEMP (°C)	sigma <sub>θ</sub>	S-Oxy (ml/L)	Oxy (ml/L)
0.0	5.120	33.296	26.311	1469.0	5.120	26.311	7.15	5.78
1.0	5.145	33.754	26.671	1469.8	5.144	26.671	7.12	5.76
2.0	5.193	33.919	26.796	1470.3	5.192	26.796	7.11	5.77
3.0	5.201	33.929	26.803	1470.4	5.201	26.803	7.10	5.54
4.0	5.192	33.935	26.809	1470.4	5.191	26.809	7.10	5.50
5.0	5.192	33.936	26.809	1470.4	5.191	26.809	7.10	5.51
10.0	5.192	33.935	26.809	1470.5	5.191	26.809	7.10	5.52
15.0	5.183	33.936	26.811	1470.5	5.181	26.811	7.11	5.53
20.0	5.183	33.937	26.812	1470.6	5.181	26.812	7.11	5.56
25.0	5.181	33.936	26.811	1470.6	5.179	26.812	7.11	5.59
30.0	5.178	33.936	26.812	1470.7	5.176	26.812	7.11	5.59
40.0	5.176	33.937	26.812	1470.9	5.173	26.812	7.11	5.60
50.0	5.176	33.937	26.812	1471.0	5.172	26.813	7.11	5.63
75.0	5.171	33.937	26.813	1471.4	5.165	26.814	7.11	5.63
100.0	3.679	33.903	27.010	1465.7	3.672	27.010	7.37	5.80
125.0	2.930	33.988	27.084	1462.9	2.922	27.085	7.51	5.85
150.0	3.008	34.038	27.117	1463.7	2.999	27.117	7.49	5.71
200.0	3.101	34.148	27.196	1465.0	3.088	27.197	7.47	5.24
250.0	3.054	34.201	27.243	1465.7	3.039	27.244	7.47	4.94
300.0	2.871	34.241	27.291	1465.8	2.852	27.292	7.51	4.68
400.0	2.515	34.331	27.394	1466.0	2.491	27.396	7.57	4.39
500.0	2.496	34.413	27.461	1467.6	2.466	27.463	7.57	4.06
502.6	2.480	34.416	27.464	1467.6	2.450	27.467	7.57	4.01

STATION - UM961C02 DEPTH - 004480 M  
 DATE - 1996/01/21 POSITION LAT. - 44°12.30 S  
 TIME - 02:56 LONG. - 120°23.11 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigma <sub>t</sub>	S-Vel. (m/s)	P-TEMP (°C)	sigma <sub>θ</sub>	S-Oxy (ml/L)	Oxy (ml/L)
0.0	12.471	34.652	26.229	1498.5	12.471	26.229	6.00	5.08
1.0	12.468	34.722	26.283	1498.6	12.467	26.283	6.00	5.15
2.0	12.473	34.746	26.301	1498.6	12.472	26.301	6.00	5.06
3.0	12.470	34.750	26.305	1498.7	12.469	26.305	6.00	5.02
4.0	12.470	34.752	26.306	1498.7	12.470	26.306	6.00	4.97
5.0	12.471	34.754	26.308	1498.7	12.470	26.308	6.00	4.98
10.0	12.466	34.755	26.310	1498.8	12.465	26.310	6.00	5.01
15.0	12.464	34.754	26.309	1498.8	12.462	26.310	6.00	5.02
20.0	12.461	34.754	26.310	1498.9	12.458	26.310	6.00	5.08
25.0	12.456	34.753	26.310	1499.0	12.453	26.311	6.00	5.09
30.0	12.450	34.753	26.311	1499.0	12.446	26.312	6.00	5.10
40.0	12.440	34.754	26.314	1499.1	12.434	26.315	6.00	5.07
50.0	10.848	34.702	26.571	1493.7	10.842	26.572	6.21	5.32
75.0	10.242	34.726	26.697	1492.0	10.233	26.698	6.29	5.40
100.0	9.744	34.727	26.783	1490.6	9.732	26.785	6.36	5.31
125.0	9.581	34.743	26.823	1490.4	9.566	26.825	6.39	5.27
150.0	9.397	34.728	26.841	1490.1	9.380	26.844	6.41	5.20
200.0	9.252	34.724	26.861	1490.4	9.229	26.865	6.43	5.19
250.0	9.193	34.723	26.871	1490.9	9.165	26.875	6.44	5.19
300.0	9.150	34.719	26.874	1491.6	9.117	26.879	6.45	5.09
400.0	9.173	34.727	26.877	1493.3	9.129	26.884	6.45	5.08
500.0	8.952	34.694	26.887	1494.0	8.897	26.896	6.48	4.98
503.0	8.949	34.693	26.886	1494.0	8.894	26.895	6.48	4.94

STATION - UM961C01 DEPTH - 004700 M  
 DATE - 1996/01/25 POSITION LAT. - 57°50.78 S  
 TIME - 01:32 LONG. - 128°40.54 E

DATA TYPE = PROCESS

Press. (db)	Temp. (°C)	Sal. (PSU)	sigma <sub>t</sub>	S-Vel. (m/s)	P-TEMP (°C)	sigma <sub>θ</sub>	S-Oxy (ml/L)	Oxy (ml/L)
0.0	4.009	33.912	26.920	1465.3	4.009	26.920	7.31	6.01
1.0	4.014	33.915	26.922	1465.4	4.013	26.922	7.31	6.04
2.0	4.006	33.920	26.927	1465.4	4.005	26.927	7.31	6.02
3.0	4.005	33.916	26.923	1465.4	4.005	26.923	7.31	5.94
4.0	4.007	33.914	26.922	1465.4	4.007	26.922	7.31	5.92
5.0	4.007	33.915	26.923	1465.4	4.006	26.923	7.31	5.91
10.0	4.006	33.915	26.922	1465.5	4.005	26.923	7.31	5.89
15.0	4.008	33.915	26.922	1465.6	4.006	26.922	7.31	5.89
20.0	3.996	33.915	26.923	1465.6	3.995	26.923	7.32	5.89
25.0	3.987	33.916	26.924	1465.7	3.995	26.926	7.32	5.92
30.0	3.995	33.916	26.925	1465.8	3.993	26.925	7.32	5.90
40.0	3.978	33.916	26.926	1465.9	3.975	26.926	7.32	5.93
50.0	3.968	33.917	26.928	1466.0	3.964	26.929	7.32	5.93
75.0	3.780	33.918	26.948	1465.6	3.775	26.948	7.35	5.92
100.0	3.223	33.926	27.007	1463.6	3.216	27.008	7.46	5.95
125.0	2.596	33.936	27.071	1461.3	2.588	27.072	7.57	6.01
150.0	2.127	33.961	27.129	1459.7	2.119	27.130	7.66	5.99
200.0	2.110	34.044	27.197	1460.6	2.099	27.198	7.66	5.76
250.0	2.237	34.182	27.298	1462.1	2.223	27.299	7.63	5.09
300.0	2.130	34.244	27.356	1462.6	2.114	27.357	7.65	4.79
400.0	2.151	34.362	27.448	1464.4	2.132	27.450	7.64	4.29
499.7	2.231	34.463	27.523	1466.5	2.202	27.525	7.62	3.87
499.7	2.231	34.463	27.523	1466.5	2.202	27.525	7.62	3.87

STATION - UM961C05 DEPTH - 004330 M  
 DATE - 1996/01/26 POSITION LAT. - 62 00.26 S  
 TIME - 02:00 LONG. - 135 00.27 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	1.856	33.985	27.169	1456.1	1.856	27.169	7.72	4.66
1.0	1.854	33.991	27.173	1456.2	1.853	27.175	7.72	4.66
2.0	1.860	33.970	27.157	1456.2	1.859	27.157	7.72	4.84
3.0	1.859	33.967	27.155	1456.2	1.858	27.155	7.72	5.66
4.0	1.857	33.967	27.155	1456.2	1.856	27.155	7.72	5.89
5.0	1.858	33.967	27.155	1456.2	1.857	27.155	7.72	5.89
10.0	1.854	33.968	27.156	1456.3	1.854	27.156	7.72	5.91
15.0	1.846	33.967	27.156	1456.3	1.845	27.156	7.72	5.90
20.0	1.831	33.967	27.157	1456.3	1.830	27.157	7.72	5.87
25.0	1.809	33.967	27.159	1456.3	1.808	27.159	7.73	5.89
30.0	1.789	33.966	27.159	1456.3	1.788	27.159	7.73	5.90
40.0	1.669	33.961	27.164	1455.9	1.667	27.165	7.75	5.94
50.0	1.170	33.954	27.193	1453.8	1.167	27.193	7.36	6.00
75.0	0.648	33.995	27.259	1451.9	0.644	27.259	7.96	6.08
100.0	-0.676	34.063	27.381	1446.3	-0.678	27.381	8.24	6.99
125.0	-0.124	34.167	27.440	1449.4	-0.128	27.440	8.12	5.78
150.0	0.921	34.341	27.521	1454.9	0.914	27.521	7.89	4.94
200.0	1.842	34.505	27.587	1460.1	1.832	27.588	7.69	3.78
250.0	1.919	34.584	27.644	1461.3	1.906	27.645	7.67	3.58
300.0	2.059	34.633	27.673	1462.8	2.043	27.674	7.61	3.44
400.0	2.119	34.697	27.719	1464.8	2.096	27.721	7.63	3.43
500.0	2.050	34.732	27.753	1466.4	2.022	27.755	7.64	3.48
600.0	2.036	34.756	27.773	1467.7	2.002	27.776	7.64	3.43
700.0	1.980	34.770	27.789	1469.1	1.939	27.792	7.65	3.58
800.0	1.935	34.780	27.801	1470.5	1.888	27.801	7.65	3.62
900.0	1.841	34.784	27.811	1471.7	1.788	27.815	7.68	3.66
1000.0	1.769	34.791	27.822	1473.0	1.710	27.827	7.69	3.64
1000.9	1.769	34.790	27.822	1473.1	1.710	27.826	7.69	3.63

STATION - UM961C06 DEPTH - 004180 M  
 DATE - 1996/01/26 POSITION LAT. - 63 00.70 S  
 TIME - 08:45 LONG. - 134 59.59 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	1.424	33.692	26.966	1453.8	1.424	26.966	7.82	5.25
1.0	1.426	33.634	26.919	1453.7	1.425	26.919	7.82	5.25
2.0	1.422	33.879	27.116	1454.1	1.422	27.116	7.81	5.43
3.0	1.426	33.877	27.114	1454.1	1.425	27.114	7.81	5.78
4.0	1.424	33.876	27.114	1454.1	1.423	27.114	7.81	6.02
5.0	1.422	33.876	27.114	1454.1	1.422	27.114	7.81	6.06
10.0	1.419	33.876	27.114	1454.2	1.419	27.114	7.81	6.04
15.0	1.413	33.879	27.116	1454.3	1.412	27.115	7.81	6.05
20.0	1.404	33.878	27.116	1454.3	1.403	27.116	7.81	6.05
25.0	1.395	33.878	27.117	1454.3	1.394	27.117	7.81	6.06
30.0	1.379	33.878	27.118	1454.3	1.378	27.118	7.82	6.07
40.0	1.288	33.882	27.128	1454.1	1.286	27.128	7.84	6.09
50.0	1.059	33.875	27.137	1453.2	1.057	27.137	7.88	6.11
75.0	-1.129	34.032	27.374	1443.7	-1.130	27.374	8.35	6.36
100.0	-0.502	34.181	27.469	1447.3	-0.505	27.469	8.20	5.78
125.0	1.078	34.403	27.560	1455.3	1.072	27.560	7.85	4.55
150.0	1.752	34.509	27.598	1458.9	1.744	27.598	7.71	3.86
200.0	1.862	34.580	27.646	1460.3	1.852	27.647	7.68	3.63
250.0	1.967	34.627	27.676	1461.6	1.953	27.677	7.66	3.55
300.0	1.987	34.658	27.699	1462.5	1.971	27.700	7.66	3.56
400.0	1.967	34.697	27.732	1464.1	1.945	27.733	7.66	3.59
500.0	1.936	34.723	27.755	1465.6	1.908	27.757	7.66	3.63
600.0	1.888	34.740	27.772	1467.0	1.854	27.775	7.67	3.68
700.0	1.848	34.753	27.786	1468.5	1.808	27.789	7.68	3.72
800.0	1.780	34.761	27.797	1469.8	1.734	27.801	7.69	3.76
900.0	1.713	34.766	27.806	1471.1	1.661	27.810	7.70	3.77
990.0	1.634	34.768	27.814	1472.4	1.516	27.818	7.72	3.75
990.0	1.634	34.768	27.814	1472.4	1.576	27.818	7.72	3.75

STATION - UM961C07 DEPTH - 003600 M  
 DATE - 1996/01/26 POSITION LAT. - 63 59.47 S  
 TIME - 15:10 LONG. - 135 00.70 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	1.374	33.892	27.130	1453.9	1.374	27.130	7.82	5.53
1.0	1.376	33.909	27.143	1453.9	1.376	27.143	7.82	4.80
2.0	1.375	33.892	27.130	1453.9	1.374	27.130	7.82	5.77
3.0	1.367	33.880	27.121	1453.9	1.366	27.121	7.82	6.02
4.0	1.360	33.878	27.119	1453.8	1.360	27.119	7.82	6.03
5.0	1.360	33.877	27.119	1453.8	1.359	27.119	7.82	6.08
10.0	1.318	33.920	27.156	1453.8	1.318	27.156	7.83	6.11
15.0	1.206	33.974	27.207	1453.5	1.205	27.207	7.85	6.11
20.0	1.088	34.004	27.239	1453.1	1.087	27.239	7.87	6.18
25.0	0.861	34.032	27.276	1452.2	0.859	27.276	7.91	6.23
30.0	0.460	34.048	27.313	1450.4	0.458	27.313	8.00	6.30
40.0	0.210	34.066	27.342	1449.5	0.209	27.342	8.05	6.32
50.0	-0.150	34.133	27.414	1448.1	-0.151	27.414	8.12	6.26
75.0	0.829	34.488	27.645	1453.5	0.825	27.645	7.90	4.88
100.0	1.472	34.580	27.676	1456.9	1.467	27.676	7.76	3.96
125.0	1.654	34.633	27.704	1458.2	1.648	27.705	7.72	3.74
150.0	1.679	34.654	27.720	1458.8	1.671	27.720	7.72	3.69
200.0	1.745	34.687	27.741	1459.9	1.734	27.742	7.70	3.66
250.0	1.726	34.707	27.758	1460.6	1.713	27.759	7.70	3.70
300.0	1.721	34.721	27.770	1461.4	1.705	27.771	7.70	3.71
400.0	1.682	34.743	27.791	1462.9	1.660	27.792	7.71	3.75
500.0	1.633	34.752	27.801	1464.3	1.606	27.803	7.72	3.77
600.0	1.577	34.761	27.813	1465.7	1.545	27.815	7.73	3.80
700.0	1.535	34.769	27.822	1467.1	1.497	27.825	7.74	3.84
800.0	1.425	34.766	27.828	1468.2	1.381	27.831	7.76	3.86
900.0	1.322	34.764	27.834	1469.4	1.273	27.837	7.78	3.89
1000.0	1.234	34.762	27.838	1470.6	1.179	27.842	7.80	3.90
1100.0	1.140	34.759	27.842	1471.8	1.080	27.846	7.82	3.90
1200.0	1.039	34.751	27.843	1473.0	0.973	27.847	7.84	3.90
1300.0	0.959	34.748	27.846	1474.3	0.887	27.850	7.86	3.91
1400.0	0.865	34.744	27.849	1475.5	0.788	27.854	7.88	3.92
1500.0	0.773	34.740	27.851	1476.7	0.697	27.856	7.89	3.92
1750.0	0.572	34.729	27.855	1479.8	0.475	27.861	7.94	4.01
2000.0	0.406	34.721	27.858	1483.2	0.294	27.865	7.97	3.96
2500.0	0.128	34.708	27.863	1490.2	-0.017	27.871	8.03	4.09
2704.7	0.051	34.705	27.865	1493.2	-0.109	27.874	8.05	4.08

STATION - UM961D07 DEPTH - 003500 M  
 DATE - 1996/01/26 POSITION LAT. - 64 00.81 S  
 TIME - 17:27 LONG. - 135 04.69 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	1.377	33.812	27.065	1453.7	1.377	27.065	7.82	5.02
1.0	1.376	33.812	27.065	1453.8	1.376	27.065	7.82	5.02
2.0	1.377	33.811	27.065	1453.8	1.376	27.065	7.82	5.32
3.0	1.391	33.814	27.066	1453.9	1.391	27.066	7.82	5.50
4.0	1.360	33.814	27.068	1453.7	1.360	27.068	7.82	5.56
5.0	1.360	33.814	27.068	1453.7	1.359	27.068	7.82	5.57
10.0	1.360	33.813	27.068	1453.8	1.359	27.068	7.82	5.63
15.0	1.355	33.817	27.071	1453.9	1.354	27.071	7.83	5.68
20.0	1.040	33.991	27.232	1452.8	1.039	27.232	7.88	5.78
25.0	0.777	34.008	27.262	1451.7	0.776	27.262	7.93	5.85
30.0	0.384	34.025	27.299	1450.0	0.382	27.299	8.01	5.92
40.0	0.169	34.078	27.353	1449.3	0.167	27.353	8.06	5.90
50.0	-0.050	34.128	27.405	1448.5	-0.052	27.405	8.10	5.84
75.0	0.766	34.512	27.668	1453.2	0.763	27.669	7.91	4.32
100.0	1.511	34.615	27.700	1457.1	1.506	27.700	7.75	3.72
125.0	1.575	34.646	27.721	1457.9	1.569	27.721	7.74	3.54
150.0	1.682	34.678	27.738	1458.8	1.674	27.739	7.71	3.47
200.0	1.651	34.702	27.760	1459.5	1.641	27.760	7.72	3.47
250.0	1.714	34.725	27.774	1460.6	1.701	27.775	7.71	3.47
300.0	1.676	34.737	27.786	1461.3	1.664	27.787	7.71	3.50
400.0	1.635	34.754	27.803	1462.7	1.610	27.804	7.72	3.54
500.0	1.613	34.770	27.817	1464.2	1.586	27.819	7.72	3.48
501.8	1.612	34.769	27.816	1464.3	1.585	27.818	7.72	3.50

STATION - UM961C08 DEPTH - 002500 M  
 DATE - 1996/01/27 POSITION LAT. - 61 33.99 S  
 TIME - 21:13 LONG. - 131 58.83 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	-0.361	32.860	26.335	1444.2	-0.361	26.335	8.21	4.91
1.0	-0.366	32.861	26.335	1444.2	-0.366	26.336	8.21	4.91
2.0	-0.358	32.834	26.374	1444.2	-0.358	26.374	8.21	5.63
3.0	-0.365	32.812	26.357	1444.2	-0.365	26.357	8.24	5.91
4.0	-0.299	32.898	26.423	1444.6	-0.299	26.423	8.22	5.92
5.0	-0.291	32.834	26.371	1444.6	-0.291	26.371	8.23	6.01
10.0	0.910	33.352	26.726	1451.1	0.909	26.726	7.94	5.76
15.0	0.865	33.575	26.908	1451.3	0.864	26.909	7.94	5.81
20.0	0.850	33.616	26.954	1450.5	0.849	26.954	7.98	5.90
25.0	-0.092	33.778	27.121	1447.4	-0.092	27.121	8.13	6.07
30.0	-0.722	33.973	27.310	1444.8	-0.722	27.310	8.26	6.18
40.0	-1.331	34.257	27.563	1442.5	-1.331	27.563	8.38	6.08
50.0	-1.475	34.345	27.639	1442.1	-1.475	27.639	8.41	5.77
75.0	-1.777	34.382	27.678	1441.1	-1.778	27.678	8.47	5.66
100.0	-1.806	34.392	27.687	1441.1	-1.808	27.687	8.48	5.53
125.0	-1.802	34.102	27.695	1441.9	-1.801	27.695	8.48	5.47
150.0	-1.709	34.412	27.701	1442.7	-1.712	27.701	8.46	5.40
200.0	-0.970	34.507	27.753	1447.2	-0.975	27.753	8.28	4.90
250.0	0.783	34.674	27.798	1456.4	0.771	27.798	7.90	3.93
300.0	1.162	34.725	27.813	1458.9	1.117	27.814	7.82	3.71
400.0	1.133	34.740	27.827	1460.4	1.113	27.829	7.82	3.73
500.0	0.995	34.741	27.838	1461.4	0.971	27.839	7.85	3.79
600.0	0.845	34.736	27.843	1462.4	0.816	27.845	7.88	3.82
700.0	0.735	34.735	27.849	1463.5	0.702	27.852	7.90	3.84
800.0	0.575	34.721	27.848	1464.4	0.537	27.851	7.94	3.88
900.0	0.442	34.717	27.853	1465.4	0.399	27.856	7.95	3.99
1000.0	0.185	34.706	27.859	1465.8	0.139	27.861	8.02	4.05
1100.0	0.244	34.718	27.865	1467.7	0.192	27.868	8.01	3.93
1200.0	0.177	34.714	27.866	1469.0	0.120	27.869	8.02	3.96
1300.0	0.112	34.712	27.868	1470.4	0.049	27.872	8.03	3.93
1400.0	0.012	34.709	27.871	1471.5	-0.056	27.874	8.06	3.98
1500.0	-0.041	34.708	27.873	1472.9	-0.113	27.877	8.07	4.02
1750.0	-0.204	34.698	27.873	1476.3	-0.290	27.877	8.10	4.10
2000.0	-0.371	34.692	27.876	1479.6	-0.471	27.881	8.14	4.18
2400.0	-0.406	34.681	27.869	1486.1	-0.533	27.875	8.15	44.02

STATION - UM961C09 DEPTH - 003180 M  
 DATE - 1996/01/27 POSITION LAT. - 64 30.00 S  
 TIME - 15:22 LONG. - 139 59.14 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	1.415	34.040	27.251	1454.4	1.415	27.251	7.79	13.37
1.0	1.445	34.043	27.216	1454.4	1.415	27.216	7.79	13.87
2.0	1.455	34.030	27.235	1454.5	1.455	27.235	7.79	14.26
3.0	1.443	34.032	27.237	1454.4	1.412	27.237	7.80	14.69
4.0	1.335	34.011	27.228	1453.9	1.334	27.228	7.82	14.93
5.0	1.157	33.996	27.228	1453.1	1.156	27.228	7.86	15.18
10.0	0.936	34.039	27.277	1452.3	0.935	27.277	7.90	40.89
15.0	0.885	34.043	27.283	1452.1	0.884	27.283	7.91	37.46
20.0	0.832	34.045	27.288	1452.0	0.831	27.288	7.92	46.08
25.0	0.821	34.043	27.287	1452.0	0.820	27.287	7.92	34.35
30.0	0.779	34.045	27.291	1451.9	0.778	27.291	7.93	32.84
40.0	0.740	34.045	27.294	1451.9	0.738	27.294	7.94	36.76
50.0	-0.174	34.124	27.408	1447.9	-0.175	27.408	8.13	36.15
75.0	-0.204	34.437	27.652	1448.7	-0.207	27.662	8.12	41.04
100.0	0.411	34.531	27.705	1452.1	0.407	27.705	7.98	37.05
125.0	0.891	34.610	27.739	1454.8	0.885	27.739	7.88	33.11
150.0	1.143	34.652	27.756	1456.4	1.136	27.757	7.82	34.89
200.0	1.335	34.686	27.770	1458.1	1.325	27.770	7.78	45.92
250.0	1.419	34.706	27.780	1459.3	1.407	27.781	7.77	46.01
300.0	1.389	34.715	27.790	1460.0	1.374	27.791	7.77	34.68
400.0	1.419	34.736	27.804	1461.7	1.398	27.806	7.76	34.55
500.0	1.375	34.746	27.815	1463.2	1.349	27.817	7.77	34.86
600.0	1.333	34.751	27.823	1464.6	1.301	27.825	7.78	35.08
700.0	1.227	34.748	27.827	1465.7	1.191	27.830	7.80	35.57
800.0	1.210	34.754	27.833	1467.3	1.168	27.836	7.80	35.84
900.0	1.099	34.750	27.838	1468.4	1.052	27.841	7.83	36.35
1000.0	1.021	34.746	27.840	1469.7	0.968	27.843	7.84	36.82
1100.0	0.924	34.741	27.842	1470.8	0.866	27.846	7.86	37.40
1200.0	0.837	34.738	27.846	1472.1	0.774	27.850	7.88	37.98
1300.0	0.684	34.726	27.845	1473.0	0.616	27.850	7.91	38.68
1400.0	0.629	34.724	27.848	1474.4	0.555	27.852	7.93	39.23
1500.0	0.512	34.718	27.850	1475.5	0.432	27.854	7.95	40.07
1750.0	0.337	34.711	27.855	1478.8	0.243	27.860	7.99	41.85
2000.0	0.208	34.710	27.861	1482.3	0.099	27.867	8.01	43.52
2500.0	-0.077	34.698	27.866	1489.2	-0.218	27.874	8.08	47.12
2700.6	-0.124	34.699	27.869	1492.4	-0.280	27.877	8.09	48.55

STATION - UM961C10 DEPTH - 001950 M  
 DATE - 1996/01/27 POSITION LAT. - 65 29.83 S  
 TIME - 23:39 LONG. - 139 59.56 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	0.994	34.171	27.380	1452.6	0.994	27.380	7.98	45.09
1.0	0.991	34.204	27.406	1452.6	0.993	27.406	7.88	45.09
2.0	0.999	34.198	27.400	1452.7	0.998	27.400	7.88	45.08
3.0	0.997	34.193	27.397	1452.7	0.997	27.397	7.88	45.09
4.0	0.998	34.194	27.397	1452.7	0.997	27.397	7.93	44.79
5.0	0.999	34.194	27.397	1452.7	0.999	27.397	7.88	45.10
10.0	0.832	34.200	27.413	1452.0	0.831	27.413	7.91	45.46
15.0	0.788	34.197	27.413	1451.9	0.787	27.413	7.92	45.57
20.0	0.650	34.221	27.441	1451.4	0.649	27.441	7.95	45.76
25.0	0.479	34.228	27.457	1450.7	0.478	27.457	7.98	46.24
30.0	0.433	34.232	27.463	1450.6	0.431	27.463	7.99	46.36
40.0	0.174	34.231	27.476	1449.6	0.173	27.476	8.05	46.95
50.0	-1.213	34.321	27.611	1444.3	-1.214	27.611	8.35	49.99
75.0	-1.687	34.382	27.675	1441.8	-1.688	27.675	8.45	51.08
100.0	-1.729	34.401	27.692	1441.8	-1.731	27.692	8.46	51.21
125.0	-1.720	34.419	27.707	1442.3	-1.723	27.707	8.46	42.51
150.0	-1.705	34.433	27.718	1442.8	-1.708	27.718	8.45	42.30
200.0	-1.484	34.475	27.745	1444.7	-1.489	27.745	8.40	41.53
250.0	-1.058	34.531	27.776	1447.6	-1.065	27.776	8.30	40.49
300.0	-0.458	34.588	27.796	1451.3	-0.468	27.796	8.16	39.63
400.0	0.311	34.678	27.829	1456.6	0.294	27.830	7.99	38.45
500.0	0.590	34.711	27.839	1459.6	0.567	27.840	7.93	38.63
600.0	0.481	34.705	27.841	1460.7	0.454	27.842	7.96	38.59
700.0	0.311	34.700	27.847	1461.5	0.290	27.849	7.99	39.15
800.0	0.283	34.701	27.849	1463.0	0.247	27.851	8.00	39.56
900.0	0.173	34.701	27.855	1464.1	0.132	27.858	8.02	40.03
1000.0	-0.208	34.669	27.850	1463.9	-0.250	27.852	8.11	41.10
1100.0	-0.323	34.668	27.855	1465.0	-0.369	27.857	8.13	41.70
1200.0	-0.130	34.693	27.865	1467.6	-0.183	27.868	8.09	41.91
1300.0	-0.328	34.680	27.864	1468.3	-0.385	27.867	8.13	42.67
1400.0	-0.378	34.677	27.865	1469.7	-0.440	27.868	8.14	43.26
1500.0	-0.404	34.675	27.865	1471.2	-0.472	27.868	8.15	43.92
1720.8	-0.458	34.671	27.864	1474.6	-0.538	27.867	8.16	45.36

STATION - UM961D10 DEPTH - 001550 M  
 DATE - 1996/01/28 POSITION LAT. - 65 29.36 S  
 TIME - 01:09 LONG. - 139 57.63 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	1.093	34.171	27.373	1453.0	1.093	27.373	7.86	25.59
1.0	1.094	34.172	27.373	1453.0	1.094	27.373	7.86	25.52
2.0	1.097	34.176	27.377	1453.1	1.096	27.377	7.86	26.04
3.0	1.096	34.179	27.379	1453.1	1.096	27.379	7.86	26.31
4.0	1.109	34.175	27.375	1453.2	1.108	27.375	7.86	26.42
5.0	1.085	34.181	27.381	1453.1	1.084	27.382	7.86	26.69
10.0	1.087	34.180	27.380	1453.2	1.086	27.380	7.86	29.63
15.0	1.033	34.183	27.387	1453.0	1.032	27.387	7.87	30.60
20.0	0.890	34.195	27.403	1452.5	0.889	27.403	7.90	44.67
25.0	0.818	34.197	27.411	1452.2	0.817	27.411	7.91	45.46
30.0	0.581	34.218	27.442	1451.2	0.580	27.442		

STATION - UM961C12 DEPTH - 003710 M  
 DATE - 1996/01/29 POSITION LAT. - 62° 59.91 S  
 TIME - 06:59 LONG. - 139° 59.34 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	1.786	33.773	27.005	1455.5	1.786	27.005	7.74	40.57
1.0	1.791	33.769	27.001	1455.5	1.790	27.001	7.74	40.54
2.0	1.783	33.773	27.005	1455.5	1.782	27.005	7.74	40.66
3.0	1.781	33.774	27.006	1455.5	1.780	27.006	7.74	41.12
4.0	1.769	33.775	27.008	1455.5	1.769	27.008	7.74	40.93
5.0	1.781	33.771	27.004	1455.6	1.780	27.004	7.74	40.99
10.0	1.717	33.778	27.014	1455.4	1.716	27.014	7.75	39.75
15.0	1.655	33.780	27.020	1455.2	1.654	27.020	7.77	40.67
20.0	1.645	33.779	27.020	1455.2	1.644	27.020	7.77	39.56
25.0	1.594	33.782	27.026	1455.1	1.592	27.026	7.78	37.24
30.0	1.518	33.793	27.040	1454.8	1.516	27.040	7.79	35.77
40.0	1.214	33.812	27.076	1453.6	1.212	27.076	7.85	34.93
50.0	0.393	33.894	27.193	1450.2	0.391	27.193	8.02	46.98
75.0	-0.880	34.234	27.528	1445.2	-0.882	27.528	8.28	47.29
100.0	-0.269	34.423	27.654	1448.8	-0.272	27.654	8.13	40.12
125.0	0.765	34.534	27.686	1454.1	0.759	27.686	7.91	46.20
150.0	1.218	34.606	27.714	1456.6	1.211	27.715	7.81	45.50
200.0	1.315	34.641	27.735	1457.9	1.305	27.736	7.79	40.51
250.0	1.376	34.662	27.748	1459.0	1.364	27.749	7.78	40.45
300.0	1.473	34.687	27.761	1460.3	1.458	27.762	7.76	40.41
400.0	1.528	34.716	27.780	1462.2	1.507	27.782	7.74	40.49
500.0	1.616	34.743	27.796	1464.2	1.589	27.798	7.72	40.51
600.0	1.563	34.751	27.806	1465.6	1.531	27.808	7.73	40.83
700.0	1.490	34.754	27.813	1466.9	1.452	27.816	7.75	41.40
800.0	1.418	34.754	27.819	1468.2	1.374	27.822	7.76	42.01
900.0	1.325	34.752	27.824	1469.4	1.276	27.827	7.78	42.67
1000.0	1.254	34.751	27.828	1470.7	1.199	27.832	7.80	43.30
1100.0	1.151	34.747	27.832	1471.9	1.091	27.836	7.82	43.90
1200.0	1.065	34.743	27.835	1473.1	0.999	27.839	7.83	44.47
1300.0	0.998	34.740	27.837	1474.4	0.927	27.842	7.85	45.12
1400.0	0.940	34.739	27.840	1475.8	0.862	27.845	7.86	45.65
1500.0	0.864	34.736	27.842	1477.1	0.780	27.848	7.88	46.12
1750.0	0.666	34.728	27.848	1480.3	0.568	27.854	7.92	47.89
2000.0	0.501	34.719	27.851	1483.6	0.387	27.858	7.95	49.42
2500.0	0.217	34.709	27.859	1490.6	0.070	27.867	8.01	53.14

2678.5 0.132 34.705 27.861 1493.2 -0.028 27.869 8.03 54.70

STATION - UM961D12 DEPTH - 003730 M  
 DATE - 1996/01/29 POSITION LAT. - 62° 59.33 S  
 TIME - 08:55 LONG. - 139° 58.11 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	1.814	33.810	27.032	1455.7	1.814	27.032	7.73	30.04
1.0	1.814	33.810	27.032	1455.7	1.814	27.032	7.73	30.02
2.0	1.807	33.815	27.037	1455.7	1.807	27.037	7.73	29.51
3.0	1.808	33.816	27.038	1455.7	1.808	27.038	7.73	29.81
4.0	1.814	33.816	27.037	1455.8	1.813	27.037	7.73	30.23
5.0	1.813	33.818	27.039	1455.8	1.812	27.039	7.73	30.63
10.0	1.808	33.818	27.039	1455.8	1.807	27.039	7.73	31.29
15.0	1.647	33.817	27.050	1455.2	1.646	27.050	7.77	32.26
20.0	1.634	33.815	27.050	1455.2	1.633	27.050	7.77	33.45
25.0	1.577	33.818	27.056	1455.0	1.575	27.057	7.78	33.97
30.0	1.467	33.827	27.071	1454.7	1.466	27.071	7.80	35.81
40.0	0.775	33.923	27.194	1451.8	0.773	27.194	7.94	42.11
50.0	0.057	33.991	27.288	1448.8	0.055	27.289	8.09	47.77
75.0	-0.891	34.273	27.560	1445.2	-0.893	27.560	8.28	49.77
100.0	0.094	34.477	27.679	1450.5	0.090	27.680	8.05	47.70
125.0	0.817	34.568	27.710	1454.4	0.811	27.710	7.90	42.62
150.0	1.209	34.616	27.723	1456.6	1.202	27.723	7.81	41.23
200.0	1.383	34.672	27.755	1458.3	1.373	27.756	7.77	40.39
250.0	1.450	34.698	27.772	1459.4	1.437	27.773	7.76	40.31
300.0	1.669	34.734	27.784	1461.2	1.653	27.785	7.71	40.05
400.0	1.455	34.735	27.801	1461.9	1.434	27.802	7.76	40.90
500.0	1.669	34.771	27.814	1464.5	1.642	27.816	7.71	40.97

500.6 1.670 34.770 27.813 1464.5 1.643 27.815 7.71 40.98

STATION - UM961C11 DEPTH - 003730 M  
 DATE - 1996/01/28 POSITION LAT. - 63° 59.94 S  
 TIME - 22:50 LONG. - 140° 00.43 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	1.349	33.624	26.917	1453.3	1.349	26.917	7.84	17.19
1.0	1.347	33.626	26.918	1453.3	1.346	26.918	7.84	17.36
2.0	1.354	33.617	26.911	1453.4	1.354	26.911	7.84	17.32
3.0	1.345	33.634	26.925	1453.4	1.345	26.925	7.84	17.41
4.0	1.347	33.636	26.926	1453.4	1.346	26.926	7.84	17.45
5.0	1.343	33.636	26.926	1453.4	1.342	26.926	7.84	17.40
10.0	1.341	33.637	26.928	1453.5	1.340	26.928	7.84	17.21
15.0	1.334	33.640	26.930	1453.5	1.333	26.930	7.84	26.28
20.0	1.332	33.640	26.930	1453.6	1.331	26.930	7.84	29.69
25.0	1.328	33.638	26.929	1453.7	1.327	26.929	7.84	38.08
30.0	0.491	33.816	27.124	1450.2	0.489	27.124	8.00	41.28
40.0	-0.631	34.068	27.384	1445.6	-0.632	27.384	8.23	45.99
50.0	-1.045	34.228	27.529	1444.0	-1.046	27.529	8.32	44.34
75.0	-0.971	34.363	27.636	1445.0	-0.973	27.636	8.29	43.45
100.0	-0.683	34.435	27.682	1446.8	-0.685	27.682	8.22	48.05
125.0	0.052	34.507	27.706	1450.8	0.047	27.706	8.06	46.72
150.0	0.700	34.584	27.730	1454.3	0.694	27.731	7.92	41.50
200.0	1.104	34.656	27.762	1457.0	1.094	27.763	7.83	37.73
250.0	1.232	34.690	27.780	1458.4	1.220	27.781	7.80	37.38
300.0	1.268	34.694	27.782	1459.4	1.253	27.783	7.80	37.45
400.0	1.416	34.729	27.799	1461.7	1.395	27.801	7.76	37.72
500.0	1.504	34.750	27.810	1463.7	1.477	27.812	7.75	38.00
600.0	1.443	34.755	27.818	1465.1	1.411	27.820	7.76	38.54
700.0	1.355	34.755	27.824	1466.3	1.318	27.826	7.78	39.14
800.0	1.321	34.759	27.830	1467.8	1.278	27.833	7.78	39.74
900.0	1.243	34.758	27.834	1469.0	1.194	27.837	7.80	40.34
1000.0	1.133	34.752	27.837	1470.2	1.079	27.841	7.82	41.10
1100.0	1.052	34.749	27.841	1471.4	0.992	27.845	7.84	41.72
1200.0	0.968	34.744	27.842	1472.7	0.903	27.846	7.85	42.46
1300.0	0.908	34.744	27.845	1474.0	0.837	27.850	7.87	43.16
1400.0	0.846	34.743	27.849	1475.4	0.770	27.854	7.88	43.68
1500.0	0.778	34.741	27.852	1476.7	0.695	27.857	7.89	44.32
1750.0	0.592	34.730	27.855	1479.9	0.494	27.861	7.93	46.10
2000.0	0.404	34.722	27.859	1483.2	0.292	27.865	7.97	47.95
2500.0	0.137	34.709	27.864	1490.2	-0.008	27.872	8.03	51.64

2698.5 0.059 34.706 27.866 1493.2 -0.101 27.874 8.05 53.14

STATION - UM961D11 DEPTH - 003710 M  
 DATE - 1996/01/29 POSITION LAT. - 63° 57.32 S  
 TIME - 01:07 LONG. - 140° 01.92 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	1.463	33.777	27.031	1454.1	1.463	27.031	7.81	29.53
1.0	1.468	33.774	27.028	1454.1	1.468	27.028	7.80	30.17
2.0	1.460	33.778	27.032	1454.1	1.460	27.032	7.81	29.42
3.0	1.452	33.779	27.033	1454.1	1.452	27.033	7.81	29.32
4.0	1.452	33.781	27.035	1454.1	1.451	27.035	7.81	29.30
5.0	1.447	33.780	27.035	1454.1	1.447	27.035	7.81	29.51
10.0	1.432	33.783	27.038	1454.1	1.431	27.038	7.81	35.61
15.0	1.380	33.795	27.051	1454.0	1.379	27.051	7.82	39.15
20.0	1.148	33.803	27.073	1453.0	1.147	27.073	7.87	42.53
25.0	0.512	33.943	27.226	1450.4	0.511	27.226	7.99	45.68
30.0	0.387	33.974	27.257	1450.0	0.385	27.257	8.02	46.43
40.0	0.378	34.022	27.297	1450.2	0.376	27.297	8.02	46.49
50.0	0.005	34.036	27.328	1448.6	0.003	27.328	8.10	47.21
75.0	-0.156	34.360	27.597	1448.8	-0.159	27.597	8.11	47.80
100.0	1.253	34.560	27.674	1455.9	1.248	27.675	7.81	45.39
125.0	1.429	34.614	27.706	1457.2	1.423	27.706	7.77	45.05
150.0	1.430	34.645	27.730	1457.6	1.422	27.731	7.77	41.30
200.0	1.466	34.675	27.752	1458.6	1.456	27.753	7.76	40.24
250.0	1.578	34.704	27.767	1460.0	1.565	27.768	7.73	39.71
300.0	1.551	34.713	27.776	1460.7				

STATION - UM961C13 DEPTH - 004230 M  
 DATE - 1996/01/29 POSITION LAT. - 62° 09.59 S  
 TIME - 14:19 LONG. - 139° 59.92 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	2.267	33.863	27.040	1457.8	2.267	27.040	7.64	14.01
1.0	2.274	33.866	27.042	1457.8	2.273	27.012	7.64	14.02
2.0	2.249	33.848	27.029	1457.7	2.248	27.029	7.65	14.30
3.0	2.247	33.848	27.029	1457.7	2.247	27.029	7.65	14.21
4.0	2.247	33.851	27.032	1457.7	2.246	27.032	7.65	14.21
5.0	2.249	33.847	27.029	1457.8	2.248	27.029	7.65	14.27
10.0	2.249	33.851	27.032	1457.8	2.248	27.032	7.65	14.33
15.0	2.249	33.851	27.032	1457.9	2.248	27.032	7.65	14.68
20.0	2.197	33.853	27.038	1457.8	2.195	27.038	7.66	20.64
25.0	2.124	33.853	27.043	1457.5	2.122	27.044	7.67	23.79
30.0	2.099	33.853	27.045	1457.5	2.097	27.045	7.67	25.94
40.0	1.590	33.847	27.078	1455.4	1.588	27.078	7.78	34.54
50.0	0.945	33.856	27.129	1452.7	0.943	27.129	7.91	29.36
75.0	-0.730	33.941	27.285	1445.5	-0.732	27.285	8.26	31.32
100.0	-0.883	34.004	27.342	1445.2	-0.885	27.342	8.29	43.18
125.0	0.230	34.178	27.431	1451.1	0.225	27.431	8.04	47.64
150.0	1.219	34.342	27.502	1456.2	1.212	27.503	7.82	41.86
200.0	1.861	34.499	27.581	1460.1	1.850	27.582	7.69	39.97
250.0	1.978	34.563	27.623	1461.5	1.965	27.624	7.66	39.88
300.0	2.051	34.603	27.650	1462.7	2.035	27.651	7.65	39.70
400.0	2.079	34.660	27.693	1464.5	2.056	27.695	7.64	39.54
500.0	2.028	34.694	27.725	1466.0	2.000	27.727	7.65	39.90
600.0	1.979	34.718	27.747	1467.4	1.941	27.750	7.65	40.35
700.0	1.927	34.736	27.766	1468.8	1.886	27.769	7.66	40.81
800.0	1.903	34.751	27.780	1470.3	1.857	27.783	7.67	41.32
900.0	1.825	34.758	27.792	1471.6	1.772	27.796	7.68	41.84
1000.0	1.753	34.761	27.799	1472.9	1.694	27.804	7.70	42.46
1100.0	1.673	34.764	27.808	1474.2	1.608	27.813	7.71	43.10
1200.0	1.595	34.767	27.816	1475.5	1.524	27.822	7.73	43.74
1300.0	1.524	34.766	27.821	1476.8	1.447	27.826	7.74	44.28
1400.0	1.435	34.762	27.824	1478.0	1.352	27.830	7.76	44.97
1500.0	1.336	34.760	27.830	1479.2	1.247	27.836	7.78	45.69
1750.0	1.134	34.753	27.838	1482.4	1.029	27.845	7.82	47.44
2000.0	0.947	34.743	27.842	1485.7	0.826	27.850	7.86	49.35
2500.0	0.595	34.726	27.851	1492.3	0.441	27.860	7.93	52.97
2651.8	0.483	34.721	27.854	1494.5	0.317	27.863	7.96	54.36

STATION - UM961D13 DEPTH - 004170 M  
 DATE - 1996/01/29 POSITION LAT. - 62° 01.39 S  
 TIME - 16:07 LONG. - 139° 58.77 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	2.213	33.851	27.034	1457.5	2.213	27.034	7.65	38.73
1.0	2.215	33.858	27.040	1457.6	2.214	27.040	7.65	38.14
2.0	2.216	33.884	27.060	1457.6	2.216	27.060	7.65	39.13
3.0	2.221	33.892	27.067	1457.7	2.220	27.067	7.65	39.45
4.0	2.215	33.893	27.068	1457.7	2.214	27.068	7.65	40.34
5.0	2.215	33.891	27.066	1457.7	2.214	27.066	7.65	40.69
10.0	2.217	33.892	27.067	1457.8	2.216	27.067	7.65	41.42
15.0	2.210	33.892	27.068	1457.8	2.209	27.068	7.65	41.45
20.0	2.130	33.890	27.073	1457.5	2.129	27.073	7.67	41.53
25.0	2.072	33.891	27.078	1457.4	2.071	27.078	7.68	41.56
30.0	2.036	33.890	27.080	1457.3	2.034	27.080	7.69	41.74
40.0	1.420	33.897	27.130	1454.7	1.418	27.130	7.81	42.83
50.0	0.786	33.903	27.177	1452.0	0.784	27.177	7.94	43.29
75.0	-0.633	33.977	27.310	1446.0	-0.635	27.310	8.24	45.26
100.0	-1.106	34.046	27.384	1444.2	-1.109	27.384	8.34	46.90
125.0	0.407	34.256	27.484	1452.0	0.402	27.484	8.00	45.22
150.0	1.429	34.425	27.554	1457.3	1.421	27.555	7.78	41.65
200.0	1.918	34.548	27.616	1460.5	1.907	27.617	7.67	40.31
250.0	2.096	34.609	27.651	1462.1	2.082	27.652	7.64	40.12
300.0	2.108	34.652	27.684	1463.1	2.091	27.686	7.63	40.23
400.0	2.059	34.690	27.718	1464.5	2.036	27.720	7.64	40.58
499.6	2.025	34.727	27.751	1466.0	1.996	27.753	7.64	41.01
499.6	2.025	34.727	27.751	1466.0	1.996	27.753	7.64	41.01

STATION - UM961C14 DEPTH - 004240 M  
 DATE - 1996/01/29 POSITION LAT. - 62° 00.20 S  
 TIME - 21:32 LONG. - 141° 59.99 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	2.204	33.867	27.048	1457.5	2.204	27.048	7.65	13.57
1.0	2.204	33.866	27.047	1457.5	2.204	27.047	7.65	13.55
2.0	2.203	33.874	27.054	1457.5	2.203	27.054	7.65	13.77
3.0	2.204	33.875	27.055	1457.6	2.203	27.055	7.65	13.82
4.0	2.205	33.876	27.055	1457.6	2.204	27.055	7.65	13.81
5.0	2.204	33.877	27.056	1457.6	2.203	27.056	7.65	13.60
10.0	2.202	33.879	27.058	1457.7	2.201	27.058	7.65	13.57
15.0	2.201	33.879	27.058	1457.7	2.200	27.058	7.65	13.24
20.0	2.163	33.879	27.061	1457.7	2.162	27.061	7.66	13.69
25.0	2.107	33.880	27.066	1457.5	2.105	27.066	7.67	15.17
30.0	2.092	33.881	27.068	1457.5	2.090	27.068	7.67	17.34
40.0	2.024	33.874	27.068	1457.4	2.022	27.068	7.69	31.48
50.0	1.461	33.902	27.132	1455.1	1.459	27.132	7.80	33.27
75.0	-0.261	33.941	27.264	1447.7	-0.263	27.264	8.16	30.10
100.0	-0.290	34.081	27.378	1448.1	-0.293	27.379	8.16	33.60
125.0	1.095	34.306	27.481	1455.2	1.089	27.482	7.85	45.71
150.0	1.791	34.415	27.520	1458.9	1.783	27.520	7.71	40.81
200.0	2.055	34.497	27.564	1461.0	2.044	27.565	7.65	39.00
250.0	2.066	34.539	27.597	1461.9	2.052	27.598	7.65	38.92
300.0	2.093	34.582	27.629	1462.9	2.076	27.630	7.64	39.00
400.0	2.103	34.642	27.677	1464.6	2.081	27.679	7.63	39.42
500.0	2.065	34.683	27.713	1466.1	2.036	27.715	7.64	39.84
500.0	2.065	34.683	27.713	1466.1	2.036	27.715	7.64	39.84

STATION - UM961C15 DEPTH - 004200 M  
 DATE - 1996/01/30 POSITION LAT. - 62° 20.40 S  
 TIME - 00:21 LONG. - 142° 00.41 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	1.865	33.869	27.076	1456.0	1.865	27.076	7.72	19.46
1.0	1.866	33.868	27.075	1456.0	1.865	27.075	7.72	19.45
2.0	1.869	33.866	27.073	1456.1	1.869	27.073	7.72	19.87
3.0	1.891	33.855	27.063	1456.2	1.891	27.063	7.72	19.95
4.0	1.876	33.875	27.080	1456.1	1.875	27.080	7.72	20.00
5.0	1.887	33.874	27.078	1456.2	1.886	27.078	7.72	20.10
10.0	1.852	33.871	27.079	1456.1	1.851	27.079	7.72	19.74
15.0	1.822	33.872	27.081	1456.1	1.821	27.081	7.73	20.44
20.0	1.810	33.868	27.079	1456.1	1.809	27.079	7.73	25.03
25.0	1.722	33.873	27.090	1455.8	1.721	27.090	7.75	31.39
30.0	1.697	33.875	27.093	1455.8	1.695	27.093	7.75	38.07
40.0	1.668	33.874	27.094	1455.8	1.666	27.095	7.76	33.44
50.0	1.175	33.883	27.136	1453.7	1.172	27.136	7.86	33.23
75.0	-0.506	33.947	27.280	1446.5	-0.508	27.280	8.21	33.12
100.0	-1.177	34.125	27.451	1444.0	-1.179	27.451	8.35	35.72
125.0	0.064	34.279	27.521	1450.5	0.059	27.521	8.07	47.74
150.0	1.339	34.466	27.593	1457.0	1.331	27.593	7.79	44.68
200.0	1.884	34.573	27.639	1460.3	1.873	27.640	7.68	39.27
250.0	1.964	34.620	27.670	1461.6	1.951	27.671	7.66	39.25
300.0	1.995	34.653	27.694	1462.6	1.979	27.695	7.65	39.33
400.0	1.992	34.694	27.727	1464.2	1.969	27.729	7.65	39.87
500.0	1.944	34.719	27.751	1465.6	1.916	27.753	7.66	40.31
500.6	1.942	34.719	27.751	1465.6	1.914	27.753	7.66	40.32



STATION - UM961C16 DEPTH - 004100 M  
 DATE - 1996/01/30 POSITION LAT. - 62 40.70 S  
 TIME - 02:58 LONG. - 141 59.10 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	1.882	33.856	27.064	1456.1	1.882	27.064	7.72	16.13
1.0	1.879	33.853	27.062	1456.1	1.879	27.062	7.72	16.08
2.0	1.882	33.856	27.064	1456.1	1.881	27.064	7.72	16.28
3.0	1.877	33.856	27.064	1456.1	1.876	27.064	7.72	16.48
4.0	1.877	33.857	27.065	1456.1	1.876	27.065	7.72	16.53
5.0	1.876	33.856	27.065	1456.1	1.876	27.065	7.72	16.56
10.0	1.877	33.858	27.066	1456.2	1.876	27.066	7.72	19.40
15.0	1.860	33.855	27.065	1456.2	1.859	27.065	7.72	18.46
20.0	1.832	33.859	27.070	1456.2	1.831	27.071	7.73	18.71
25.0	1.770	33.859	27.075	1456.0	1.768	27.075	7.74	20.82
30.0	1.741	33.859	27.077	1455.9	1.739	27.077	7.75	23.32
40.0	0.800	33.891	27.166	1451.9	0.798	27.166	7.93	34.05
50.0	0.224	33.950	27.247	1449.5	0.222	27.247	8.05	35.12
75.0	-0.881	34.217	27.514	1445.2	-0.883	27.514	8.28	28.94
100.0	0.804	34.460	27.624	1453.7	0.800	27.625	7.90	29.98
125.0	1.467	34.540	27.644	1457.2	1.461	27.644	7.76	45.00
150.0	1.746	34.594	27.666	1459.0	1.738	27.667	7.71	43.65
200.0	1.953	34.649	27.694	1460.8	1.942	27.695	7.66	39.04
250.0	1.972	34.672	27.712	1461.7	1.959	27.713	7.66	39.23
300.0	1.911	34.689	27.730	1462.2	1.895	27.731	7.67	39.46
400.0	1.887	34.713	27.751	1463.8	1.865	27.753	7.67	39.95
500.0	1.845	34.735	27.772	1465.2	1.817	27.774	7.68	40.39
500.6	1.846	34.734	27.771	1465.2	1.818	27.773	7.68	40.39

STATION - UM961C18 DEPTH - 3880 M  
 DATE - 1996/01/30 POSITION LAT. - 63 19.89 S  
 TIME - 08:35 LONG. - 141 59.68 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	1.570	33.867	27.096	1454.7	1.570	27.096	7.78	22.43
1.0	1.569	33.866	27.095	1454.7	1.569	27.095	7.78	22.26
2.0	1.569	33.866	27.095	1454.7	1.569	27.096	7.78	22.38
3.0	1.569	33.867	27.096	1454.7	1.569	27.096	7.78	22.32
4.0	1.570	33.869	27.097	1454.8	1.569	27.097	7.78	22.41
5.0	1.567	33.869	27.097	1454.8	1.566	27.097	7.78	22.51
10.0	1.565	33.870	27.099	1454.8	1.565	27.099	7.78	23.02
15.0	1.568	33.869	27.098	1454.9	1.567	27.098	7.78	24.11
20.0	1.543	33.863	27.094	1454.9	1.542	27.094	7.78	25.23
25.0	1.470	33.867	27.103	1454.6	1.469	27.103	7.80	29.74
30.0	1.417	33.868	27.107	1454.5	1.415	27.107	7.81	35.20
40.0	1.351	33.864	27.109	1454.3	1.349	27.109	7.82	31.19
50.0	0.855	33.881	27.155	1452.3	0.853	27.155	7.92	34.04
75.0	-0.233	34.272	27.530	1448.3	-0.235	27.530	8.13	34.48
100.0	1.054	34.457	27.605	1454.9	1.049	27.605	7.85	37.89
125.0	1.102	34.505	27.640	1455.6	1.096	27.641	7.84	45.74
150.0	1.730	34.591	27.665	1458.9	1.722	27.666	7.71	40.59
200.0	1.906	34.638	27.689	1460.5	1.895	27.690	7.67	39.57
250.0	1.928	34.667	27.711	1461.5	1.914	27.712	7.67	39.48
300.0	1.940	34.690	27.728	1462.4	1.923	27.729	7.66	39.69
400.0	1.919	34.715	27.750	1463.9	1.897	27.751	7.67	40.08
499.0	1.873	34.734	27.769	1465.3	1.845	27.771	7.67	40.62

STATION - UM961C17 DEPTH - 003950 M  
 DATE - 1996/01/30 POSITION LAT. - 62 59.77 S  
 TIME - 05:55 LONG. - 141 59.35 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	1.947	33.860	27.063	1456.4	1.947	27.063	7.70	36.65
1.0	1.920	33.867	27.070	1456.3	1.919	27.070	7.71	36.76
2.0	1.995	33.860	27.059	1456.6	1.995	27.059	7.69	36.64
3.0	2.034	33.845	27.044	1456.8	2.034	27.044	7.69	37.16
4.0	1.927	33.861	27.065	1456.3	1.926	27.065	7.71	37.69
5.0	1.883	33.873	27.078	1456.2	1.883	27.078	7.72	38.84
10.0	1.826	33.865	27.075	1456.0	1.826	27.075	7.73	40.46
15.0	1.825	33.867	27.077	1456.1	1.824	27.077	7.73	40.88
20.0	1.798	33.864	27.077	1456.0	1.797	27.077	7.73	41.72
25.0	1.782	33.863	27.077	1456.0	1.781	27.077	7.74	43.56
30.0	1.722	33.861	27.080	1455.8	1.720	27.080	7.75	44.22
40.0	1.276	33.877	27.125	1454.0	1.274	27.125	7.84	39.04
50.0	0.813	33.911	27.181	1452.1	0.810	27.181	7.93	44.29
75.0	-0.711	34.245	27.530	1446.0	-0.713	27.530	8.24	46.96
100.0	0.601	34.435	27.617	1452.8	0.597	27.617	7.95	46.54
125.0	1.544	34.562	27.656	1457.6	1.538	27.656	7.75	44.23
150.0	1.785	34.618	27.682	1459.2	1.777	27.683	7.70	40.57
200.0	1.808	34.648	27.705	1460.1	1.798	27.706	7.69	39.83
250.0	1.819	34.675	27.725	1461.0	1.805	27.726	7.69	39.49
300.0	1.894	34.701	27.741	1462.2	1.877	27.742	7.67	39.49
400.0	1.854	34.719	27.758	1463.6	1.832	27.760	7.68	40.01
500.0	1.738	34.732	27.777	1464.7	1.711	27.779	7.70	40.67
500.0	1.738	34.732	27.777	1464.7	1.711	27.779	7.70	40.67

STATION - UM961C19 DEPTH - 003800 M  
 DATE - 1996/01/30 POSITION LAT. - 63 40.20 S  
 TIME - 11:07 LONG. - 141 59.70 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	1.719	33.812	27.041	1455.3	1.719	27.041	7.75	16.17
1.0	1.720	33.815	27.043	1455.3	1.720	27.043	7.75	16.04
2.0	1.721	33.813	27.042	1455.3	1.721	27.042	7.75	16.46
3.0	1.722	33.816	27.044	1455.3	1.721	27.044	7.75	16.62
4.0	1.723	33.816	27.044	1455.4	1.722	27.044	7.75	16.67
5.0	1.724	33.816	27.044	1455.4	1.723	27.044	7.75	16.71
10.0	1.723	33.818	27.046	1455.5	1.722	27.046	7.75	17.43
15.0	1.720	33.818	27.046	1455.5	1.719	27.046	7.75	22.07
20.0	1.718	33.818	27.046	1455.6	1.717	27.046	7.75	24.42
25.0	1.709	33.818	27.047	1455.6	1.707	27.047	7.75	26.51
30.0	1.574	33.801	27.043	1455.1	1.572	27.043	7.78	30.31
40.0	1.225	33.835	27.094	1453.7	1.223	27.094	7.85	30.21
50.0	0.097	33.956	27.259	1448.9	0.095	27.259	8.08	36.55
75.0	-0.169	34.309	27.557	1448.6	-0.171	27.557	8.12	34.17
100.0	1.107	34.495	27.632	1455.2	1.102	27.632	7.84	29.45
125.0	1.546	34.550	27.646	1457.6	1.540	27.646	7.75	44.94
150.0	1.864	34.585	27.665	1458.6	1.856	27.665	7.72	41.27
200.0	1.934	34.646	27.693	1460.7	1.923	27.694	7.67	39.43
250.0	1.869	34.649	27.701	1461.2	1.855	27.702	7.68	39.77
300.0	1.694	34.662	27.725	1461.2	1.678	27.726	7.71	40.21
400.0	1.808	34.712	27.756	1463.4	1.786	27.758	7.69	40.46
500.0	1.770	34.730	27.774	1464.9	1.743	27.776	7.69	40.99
501.0	1.776	34.730	27.773	1464.9	1.748	27.775	7.69	40.99

- UM961C20 DEPTH - 003730 M  
 - 1996/01/30 POSITION LAT. - 64° 00.20 S  
 - 13:51 LONG. - 144° 59.80 E

= PROCESS

Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
1.797	33.758	26.992	1455.5	1.797	26.992	7.74	22.06
1.798	33.754	26.989	1455.5	1.797	26.989	7.74	22.10
1.763	33.759	26.995	1455.4	1.763	26.995	7.75	22.73
1.751	33.765	27.001	1455.4	1.751	27.001	7.75	23.04
1.760	33.766	27.001	1455.4	1.760	27.001	7.75	23.22
1.760	33.767	27.002	1455.5	1.760	27.002	7.75	23.35
1.740	33.769	27.005	1455.5	1.740	27.005	7.75	24.21
1.740	33.769	27.005	1455.5	1.739	27.005	7.75	25.39
1.739	33.770	27.006	1455.6	1.738	27.006	7.75	27.24
1.664	33.762	27.005	1455.3	1.662	27.005	7.77	29.29
1.573	33.790	27.034	1455.1	1.571	27.034	7.78	29.37
0.259	33.846	27.161	1449.4	0.257	27.161	8.05	32.62
-0.758	33.954	27.296	1444.9	-0.759	27.296	8.27	35.40
0.593	34.303	27.511	1452.1	0.589	27.511	7.96	38.70
1.674	34.470	27.572	1457.7	1.669	27.572	7.73	38.94
1.855	34.542	27.616	1459.0	1.848	27.617	7.69	44.34
1.671	34.550	27.637	1458.6	1.663	27.637	7.72	40.80
1.844	34.604	27.667	1460.2	1.833	27.668	7.69	40.24
1.760	34.625	27.690	1460.7	1.746	27.691	7.70	40.71
1.826	34.651	27.706	1461.8	1.810	27.707	7.69	40.26
1.795	34.693	27.742	1463.3	1.773	27.744	7.69	40.58
1.789	34.718	27.762	1465.0	1.761	27.764	7.69	40.87
1.788	34.718	27.763	1465.0	1.760	27.765	7.69	40.88

STATION - UM961C22 DEPTH - 003320 M  
 DATE - 1996/01/30 POSITION LAT. - 64° 39.98 S  
 TIME - 19:05 LONG. - 142° 00.15 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	1.322	33.879	27.123	1453.6	1.322	27.123	7.83	19.53
1.0	1.323	33.875	27.120	1453.6	1.322	27.120	7.83	19.25
2.0	1.324	33.881	27.124	1453.6	1.323	27.124	7.83	19.66
3.0	1.327	33.885	27.127	1453.7	1.326	27.127	7.83	19.91
4.0	1.328	33.884	27.126	1453.7	1.328	27.126	7.83	19.81
5.0	1.326	33.886	27.128	1453.7	1.326	27.128	7.83	19.79
10.0	1.323	33.889	27.130	1453.8	1.323	27.130	7.83	19.56
15.0	1.331	33.888	27.129	1453.9	1.330	27.129	7.83	20.42
20.0	1.327	33.890	27.131	1454.0	1.326	27.131	7.83	22.73
25.0	1.170	33.910	27.158	1453.4	1.168	27.158	7.86	28.70
30.0	1.067	33.913	27.167	1453.0	1.066	27.167	7.88	31.28
40.0	0.970	33.899	27.162	1452.7	0.968	27.163	7.90	35.23
50.0	-0.972	34.117	27.436	1444.2	-0.973	27.437	8.31	34.64
75.0	-0.749	34.319	27.591	1445.9	-0.751	27.591	8.24	33.32
100.0	-0.012	34.442	27.656	1450.0	-0.016	27.656	8.08	38.78
125.0	0.773	34.557	27.704	1454.1	0.767	27.704	7.90	46.60
150.0	1.179	34.611	27.721	1456.5	1.172	27.722	7.82	45.06
200.0	1.387	34.650	27.738	1458.2	1.377	27.738	7.77	41.14
250.0	1.499	34.678	27.752	1459.6	1.487	27.753	7.75	41.26
300.0	1.506	34.693	27.763	1460.4	1.490	27.764	7.75	41.01
400.0	1.537	34.716	27.780	1462.2	1.516	27.781	7.74	41.13
499.9	1.365	34.716	27.792	1463.1	1.339	27.794	7.78	41.92
499.9	1.365	34.716	27.792	1463.1	1.339	27.794	7.78	41.92

STATION - UM961C23 DEPTH - 002960 M  
 DATE - 1996/01/30 POSITION LAT. - 64° 59.90 S  
 TIME - 21:48 LONG. - 142° 00.46 E

DATA TYPE = PROCESS

- UM961C21 DEPTH - 003570 M  
 - 1996/01/30 POSITION LAT. - 64° 20.50 S  
 - 16:30 LONG. - 142° 00.20 E

= PROCESS

Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
1.662	33.594	26.870	1454.7	1.662	26.870	7.77	13.79
1.662	33.688	26.946	1454.8	1.661	26.946	7.77	13.78
1.591	33.769	27.015	1454.7	1.590	27.015	7.78	14.20
1.651	33.753	26.999	1454.9	1.650	26.999	7.77	14.56
1.677	33.754	26.998	1455.1	1.677	26.998	7.76	14.57
1.671	33.759	27.002	1455.1	1.670	27.002	7.76	14.71
1.611	33.763	27.009	1454.9	1.610	27.009	7.78	14.27
1.492	33.767	27.021	1454.4	1.491	27.021	7.80	14.31
1.322	33.783	27.046	1453.8	1.321	27.046	7.83	16.60
1.310	33.810	27.068	1453.8	1.309	27.068	7.83	17.57
0.964	33.898	27.162	1452.5	0.962	27.162	7.90	19.61
0.453	33.966	27.247	1450.4	0.451	27.247	8.00	27.60
-0.287	34.032	27.339	1447.3	-0.289	27.339	8.16	32.59
0.275	34.383	27.593	1450.8	0.272	27.594	8.02	33.94
1.447	34.546	27.649	1456.8	1.442	27.650	7.77	35.81
1.560	34.584	27.672	1457.7	1.554	27.673	7.74	44.80
1.406	34.600	27.696	1457.5	1.398	27.696	7.77	41.64
1.501	34.638	27.720	1458.7	1.491	27.720	7.75	40.28
1.637	34.672	27.737	1460.2	1.624	27.738	7.72	40.17
1.538	34.680	27.751	1460.6	1.522	27.752	7.74	40.58
1.750	34.730	27.775	1463.2	1.729	27.776	7.70	40.56
1.639	34.734	27.787	1464.3	1.612	27.789	7.72	41.13
1.638	34.735	27.788	1464.3	1.611	27.790	7.72	41.14

Press. (db)	Temp. (°C)	Sal. (PSU)	sigmaT	S-Vel. (m/s)	P-TEMP (°C)	sigma0	S-Oxy (ml/L)	Oxy (ml/L)
0.0	1.374	33.903	27.139	1453.9	1.374	27.139	7.82	21.51
1.0	1.378	33.904	27.139	1453.9	1.378	27.139	7.82	21.51
2.0	1.383	33.905	27.140	1453.9	1.382	27.140	7.81	21.53
3.0	1.375	33.910	27.144	1453.9	1.375	27.144	7.82	21.64
4.0	1.367	33.912	27.146	1453.9	1.367	27.146	7.82	21.77
5.0	1.368	33.912	27.146	1453.9	1.368	27.146	7.82	21.81
10.0	1.389	33.912	27.145	1454.1	1.388	27.145	7.81	22.89
15.0	1.388	33.914	27.146	1454.2	1.387	27.146	7.81	23.37
20.0	1.381	33.915	27.148	1454.2	1.380	27.148	7.81	24.99
25.0	1.261	33.911	27.153	1453.8	1.260	27.153	7.84	27.68
30.0	1.183	33.915	27.161	1453.5	1.182	27.161	7.85	26.61
40.0	0.262	33.980	27.269	1449.6	0.261	27.270	8.04	29.12
50.0	-0.795	34.159	27.464	1445.1	-0.796	27.464	8.26	29.61
75.0	-1.608	34.307	27.612	1441.8	-1.609	27.613	8.44	35.20
100.0	-1.729	34.353	27.653	1441.7	-1.731	27.653	8.46	32.68
125.0	-1.690	34.383	27.677	1442.4	-1.693	27.677	8.45	52.10
150.0	-1.547	34.409	27.693	1443.5	-1.550	27.693	8.42	51.90
200.0	-0.931	34.487	27.735	1447.4	-0.936	27.735	8.27	46.18
250.0	-0.386	34.550	27.762	1450.8	-0.394	27.762	8.15	44.99
300.0	0.351	34.630	27.788	1455.1	0.338	27.789	7.99	43.36
400.0	0.692	34.672	27.802	1458.4	0.674	27.803	7.92	43.20
500.0	0.728	34.690	27.814	1460.2	0.705	27.815	7.91	43.52
600.0	0.796	34.704	27.820	1462.1	0.768	27.822	7.89	43.79
700.0	0.801	34.714	27.828	1463.8	0.767	27.830	7.89	44.28
800.0	0.747	34.713	27.831	1465.1	0.708	27.833	7.90	44.80
900.0	0.639	34.709	27.834	1466.3	0.595	27.837	7.92	45.53
1000.0	0.633	34.716	27.841	1467.9	0.584	27.844	7.93	45.96
1100.0	0.538	34.711	27.842	1469.0	0.483	27.845	7.95	46.69
1200.0	0.473	34.709	27.845	1470.4	0.413	27.848	7.96	47.37
1300.0	0.398	34.708	27.849	1471.7	0.333	27.852	7.97	48.08
1400.0	0.354	34.709	27.852	1473.1	0.283	27.856	7.98	48.62
1500.0	0.294	34.706	27.853	1474.5	0.217	27.857	8.00	49.31
1750.0	0.155	34.702	27.857	1477.9	0.064	27.862	8.03	51.06
2000.0	0.065	34.704	27.864	1481.6	-0.042	27.870	8.05	52.64
2500.0	-0.174	34.695	27.869	1488.8	-0.313	27.876	8.10	56.36
2700.7	-0.248	34.694	27.872	1491.8	-0.401	27.879	8.11	57.87

STATION - UM961C24 DEPTH - 002650 M  
 DATE - 1996/01/31 POSITION LAT. - 65 14.68 S  
 TIME - 05:00 LONG. - 141 59.64 E

DATA TYPE = PROCESS

Press.	Temp.	Sal.	sigmaT	S-Vel.	P-TEMP	sigma0	S-Oxy	Oxy
(db)	(°C)	(PSU)		(m/s)	(°C)		(ml/L)	(ml/L)
0.0	1.312	34.090	27.293	1453.9	1.312	27.293	7.82	15.14
1.0	1.318	34.086	27.290	1453.9	1.317	27.290	7.82	15.13
2.0	1.276	34.046	27.260	1453.7	1.275	27.260	7.83	15.04
3.0	1.267	34.077	27.285	1453.7	1.266	27.285	7.83	15.12
4.0	1.349	34.065	27.270	1454.1	1.348	27.270	7.81	15.04
5.0	1.358	34.063	27.268	1454.1	1.357	27.268	7.81	15.02
10.0	1.355	34.064	27.269	1454.2	1.355	27.270	7.81	15.02
15.0	1.314	34.059	27.268	1454.1	1.313	27.268	7.82	15.90
20.0	1.017	34.092	27.315	1452.9	1.016	27.315	7.88	16.69
25.0	0.870	34.106	27.335	1452.3	0.868	27.335	7.91	17.36
30.0	0.746	34.110	27.346	1451.8	0.744	27.346	7.93	34.36
40.0	0.343	34.143	27.396	1450.2	0.342	27.396	8.02	41.16
50.0	-0.603	34.248	27.528	1446.1	-0.604	27.523	8.22	46.90
75.0	-1.524	34.394	27.680	1442.4	-1.526	27.681	8.42	48.99
100.0	-1.663	34.433	27.716	1442.2	-1.665	27.716	8.44	46.26
125.0	-1.569	34.453	27.730	1443.1	-1.572	27.730	8.42	49.92
150.0	-1.320	34.479	27.742	1444.7	-1.324	27.743	8.36	49.72
200.0	-0.495	34.558	27.774	1449.5	-0.501	27.774	8.17	44.23
250.0	0.228	34.632	27.797	1453.8	0.218	27.797	8.01	42.27
300.0	0.636	34.678	27.810	1456.5	0.623	27.811	7.93	42.02
400.0	0.951	34.722	27.825	1459.6	0.932	27.827	7.86	42.20
499.8	0.978	34.734	27.833	1461.4	0.954	27.834	7.85	42.73
499.8	0.978	34.734	27.833	1461.4	0.954	27.834	7.85	42.73

STATION - UM961D25 DEPTH - 002000 M  
 DATE - 1996/01/31 POSITION LAT. - 65 29.41 S  
 TIME - 09:25 LONG. - 141 57.41 E

DATA TYPE = PROCESS

Press.	Temp.	Sal.	sigmaT	S-Vel.	P-TEMP	sigma0	S-Oxy	Oxy
(db)	(°C)	(PSU)		(m/s)	(°C)		(ml/L)	(ml/L)
0.0	1.107	34.055	27.278	1452.9	1.107	27.278	7.86	36.79
1.0	1.107	34.057	27.280	1452.9	1.106	27.280	7.86	36.79
2.0	1.111	34.063	27.285	1453.0	1.110	27.285	7.86	37.52
3.0	1.112	34.083	27.301	1453.0	1.112	27.301	7.86	38.13
4.0	1.101	34.087	27.305	1453.0	1.100	27.305	7.86	38.38
5.0	1.105	34.083	27.301	1453.0	1.105	27.301	7.86	38.76
10.0	1.096	34.086	27.304	1453.1	1.096	27.304	7.86	40.15
15.0	0.994	34.088	27.312	1452.7	0.993	27.312	7.88	40.99
20.0	0.906	34.108	27.334	1452.4	0.905	27.334	7.90	41.84
25.0	0.753	34.101	27.338	1451.8	0.752	27.338	7.93	43.57
30.0	0.564	34.096	27.345	1451.0	0.562	27.346	7.97	44.47
40.0	-0.862	34.275	27.560	1444.8	-0.863	27.560	8.27	47.28
50.0	-1.277	34.345	27.633	1443.1	-1.278	27.633	8.36	48.10
75.0	-1.633	34.427	27.711	1441.9	-1.635	27.711	8.44	48.32
100.0	-1.646	34.437	27.719	1442.3	-1.648	27.719	8.44	48.15
125.0	-1.582	34.458	27.734	1443.0	-1.585	27.735	8.42	47.92
150.0	-1.372	34.484	27.749	1444.4	-1.375	27.749	8.37	47.27
200.0	-0.713	34.569	27.792	1448.5	-0.719	27.793	8.22	45.81
250.0	-0.320	34.588	27.790	1451.2	-0.329	27.790	8.13	45.16
300.0	0.346	34.657	27.810	1455.2	0.334	27.811	7.99	43.97
400.0	0.488	34.689	27.828	1457.5	0.470	27.829	7.96	44.19
500.0	0.430	34.695	27.836	1458.8	0.408	27.837	7.97	44.71
600.0	0.198	34.687	27.843	1459.4	0.173	27.844	8.02	45.70
600.0	0.198	34.687	27.843	1459.4	0.173	27.844	8.02	45.70

STATION - UM961C25 DEPTH - 002000 M  
 DATE - 1996/01/31 POSITION LAT. - 65 29.79 S  
 TIME - 07:59 LONG. - 141 59.88 E

DATA TYPE = PROCESS

Press.	Temp.	Sal.	sigmaT	S-Vel.	P-TEMP	sigma0	S-Oxy	Oxy
(db)	(°C)	(PSU)		(m/s)	(°C)		(ml/L)	(ml/L)
0.0	1.200	34.086	27.298	1453.4	1.200	27.298	7.84	43.35
1.0	1.210	34.079	27.291	1453.4	1.210	27.291	7.84	42.97
2.0	1.202	34.089	27.300	1453.4	1.202	27.300	7.84	43.52
3.0	1.209	34.090	27.300	1453.5	1.208	27.300	7.84	43.58
4.0	1.211	34.091	27.301	1453.5	1.210	27.301	7.84	43.87
5.0	1.203	34.091	27.301	1453.5	1.203	27.301	7.84	44.18
10.0	1.144	34.096	27.309	1453.3	1.143	27.309	7.85	45.42
15.0	0.973	34.098	27.322	1452.6	0.972	27.322	7.89	42.71
20.0	0.781	34.102	27.337	1451.8	0.780	27.337	7.93	46.38
25.0	0.819	34.108	27.340	1452.1	0.817	27.340	7.92	46.33
30.0	0.568	34.110	27.356	1451.0	0.566	27.356	7.97	46.87
40.0	-0.333	34.156	27.442	1447.1	-0.334	27.442	8.16	48.83
50.0	-1.115	34.340	27.623	1443.8	-1.116	27.623	8.32	50.57
75.0	-1.620	34.420	27.705	1442.0	-1.622	27.705	8.44	51.86
100.0	-1.642	34.449	27.729	1442.3	-1.644	27.729	8.44	52.05
125.0	-1.600	34.462	27.738	1442.9	-1.602	27.738	8.43	52.10
150.0	-1.348	34.492	27.754	1444.6	-1.352	27.754	8.37	51.17
200.0	-0.785	34.554	27.783	1448.1	-0.791	27.783	8.24	46.28
250.0	-0.187	34.606	27.798	1451.8	-0.195	27.798	8.10	44.99
300.0	0.089	34.640	27.811	1453.9	0.077	27.811	8.04	44.58
400.0	0.330	34.677	27.828	1456.7	0.313	27.829	7.99	44.50
500.0	0.069	34.666	27.833	1457.1	0.049	27.834	8.05	45.54
600.0	0.217	34.687	27.841	1459.4	0.192	27.843	8.01	45.66
700.0	0.192	34.694	27.849	1461.0	0.162	27.851	8.02	46.13
800.0	0.209	34.703	27.855	1462.7	0.174	27.857	8.01	46.52
900.0	0.214	34.708	27.859	1464.3	0.173	27.862	8.01	47.04
1000.0	0.035	34.695	27.858	1465.1	-0.010	27.860	8.05	47.86
1100.0	0.074	34.706	27.865	1466.9	0.023	27.868	8.04	48.33
1200.0	0.051	34.707	27.867	1468.4	-0.005	27.870	8.05	48.94
1300.0	-0.001	34.703	27.867	1469.8	-0.062	27.870	8.06	49.50
1400.0	-0.020	34.706	27.870	1471.4	-0.087	27.873	8.06	50.12
1500.0	-0.060	34.705	27.871	1472.8	-0.132	27.875	8.07	50.67
1750.0	-0.383	34.675	27.863	1475.4	-0.466	27.867	8.14	52.57
1901.0	-0.658	34.654	27.859	1476.6	-0.747	27.863	8.21	54.52

STATION - UM962C26 DEPTH - 002830 M  
 DATE - 1996/02/01 POSITION LAT. - 65 15.90 S  
 TIME - 22:58 LONG. - 145 00.40 E

DATA TYPE = PROCESS

Press.	Temp.	Sal.	sigmaT	S-Vel.	P-TEMP	sigma0	S-Oxy	Oxy
(db)	(°C)	(PSU)		(m/s)	(°C)		(ml/L)	(ml/L)
0.0	1.050	33.588	26.907	1451.9	1.050	26.907	7.90	11.42
1.0	1.035	33.641	26.951	1451.9	1.034	26.951	7.90	11.42
2.0	1.079	33.655	26.959	1452.2	1.078	26.959	7.89	11.65
3.0	1.070	33.680	26.980	1452.2	1.069	26.980	7.89	11.81
4.0	1.066	33.685	26.984	1452.2	1.065	26.984	7.89	11.85
5.0	1.063	33.686	26.985	1452.2	1.062	26.985	7.89	11.89
10.0	1.059	33.689	26.988	1452.3	1.059	26.988	7.89	11.93
15.0	1.058	33.690	26.989	1452.4	1.057	26.989	7.89	11.82
20.0	0.997	33.700	27.000	1452.2	0.996	27.001	7.90	11.54
25.0	0.939	33.765	27.056	1452.1	0.937	27.056	7.91	11.71
30.0	0.979	33.831	27.107	1452.5	0.978	27.107	7.90	11.08
40.0	0.699	33.873	27.158	1451.4	0.697	27.158	7.96	11.64
50.0	-0.844	34.108	27.425	1444.8	-0.845	27.425	8.28	16.84
75.0	-1.039	34.308	27.594	1444.6	-1.040	27.594	8.31	23.69
100.0	-0.349	34.429	27.663	1448.4	-0.352	27.663	8.15	22.21
125.0	0.431	34.523	27.697	1452.5	0.426	27.698	7.98	23.37
150.0	0.826	34.573	27.713	1454.8	0.819	27.714	7.89	32.91
200.0	1.280	34.635	27.733	1457.7	1.270	27.734	7.80	44.97
250.0	1.332	34.656	27.746	1458.8	1.320	27.747	7.79	41.57
300.0	1.380	34.673	27.756	1459.9	1.365	27.757	7.77	41.52
400.0	1.391	34.698	27.776	1461.5	1.371	27.777	7.77	41.88
500.0	1.354	34.713	27.790	1463.0	1.328	27.792	7.78	42.33
600.0	1.233	34.714	27.800	1464.1	1.202	27.802	7.80	43.05
700.0	1.144	34.716	27.807	1465.3	1.108	27.810	7.82	43.72
800.0	1.070	34.717	27.814	1466.6	1.028	27.816	7.84	44.26
900.0	0.975	34.718	27.820	1467.8	0.928	27.823	7.85	44.86
1000.0	0.885	34.717	27.825	1469.0	0.833	27.829	7.87	45.35
1001.9	0.883	34.716	27.825	1469.0	0.831	27.828	7.87	45.47

STATION - UM962C27 DEPTH - 003250 M  
 DATE - 1996/02/02 POSITION LAT. - 65° 00.30 S  
 TIME - 00:51 LONG. - 145° 00.38 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	1.568	33.921	27.140	1454.8	1.568	27.140	7.78	10.96
1.0	1.581	33.931	27.147	1454.9	1.581	27.147	7.77	10.74
2.0	1.587	33.950	27.161	1454.9	1.586	27.161	7.77	11.18
3.0	1.574	33.956	27.167	1454.9	1.574	27.167	7.77	11.28
4.0	1.566	33.962	27.172	1454.9	1.565	27.172	7.77	11.23
5.0	1.551	33.962	27.174	1454.8	1.550	27.174	7.78	11.20
10.0	1.515	33.964	27.178	1454.8	1.514	27.178	7.78	10.98
15.0	1.458	33.961	27.179	1454.6	1.457	27.179	7.80	11.35
20.0	1.333	33.958	27.186	1454.1	1.332	27.186	7.82	11.54
25.0	1.259	33.958	27.190	1453.8	1.257	27.190	7.84	12.11
30.0	1.157	33.952	27.192	1453.4	1.155	27.192	7.86	14.65
40.0	0.892	33.996	27.245	1452.5	0.890	27.245	7.91	43.16
50.0	-0.536	34.099	27.405	1446.2	-0.537	27.405	8.21	45.56
75.0	-1.344	34.388	27.670	1443.2	-1.345	27.670	8.37	50.99
100.0	-1.372	34.424	27.700	1443.6	-1.374	27.700	8.38	51.19
125.0	-1.293	34.460	27.726	1444.4	-1.296	27.727	8.36	51.14
150.0	-0.806	34.511	27.750	1447.2	-0.810	27.750	8.25	49.70
200.0	0.553	34.642	27.786	1454.5	0.545	27.786	7.95	44.17
250.0	1.149	34.700	27.795	1458.1	1.137	27.795	7.82	43.16
300.0	1.484	34.749	27.810	1460.4	1.469	27.811	7.75	41.98
400.0	1.473	34.762	27.822	1462.0	1.453	27.823	7.75	42.29
500.0	1.422	34.772	27.833	1463.4	1.396	27.835	7.76	42.77
600.0	1.407	34.778	27.839	1465.0	1.375	27.841	7.76	41.80
700.0	1.330	34.777	27.843	1466.2	1.293	27.846	7.78	43.74
800.0	1.290	34.777	27.847	1467.7	1.247	27.850	7.79	44.22
900.0	1.118	34.764	27.848	1468.5	1.070	27.851	7.82	45.08
1000.0	1.026	34.760	27.851	1469.7	0.973	27.855	7.84	45.68
1100.0	0.969	34.761	27.855	1471.1	0.910	27.859	7.85	46.22
1200.0	0.861	34.753	27.856	1472.2	0.797	27.860	7.88	46.98
1300.0	0.758	34.749	27.860	1473.4	0.689	27.864	7.90	47.74
1400.0	0.662	34.739	27.858	1474.5	0.588	27.862	7.92	48.39
1500.0	0.572	34.734	27.859	1475.8	0.492	27.864	7.94	49.15
1750.0	0.411	34.729	27.865	1479.1	0.316	27.870	7.97	50.83
2000.0	0.279	34.723	27.868	1482.6	0.168	27.874	8.00	52.62
2500.0	0.059	34.716	27.874	1489.9	-0.085	27.881	8.05	56.03
2700.6	-0.043	31.706	27.871	1492.7	-0.200	27.880	8.07	57.86

STATION - UM962D27 DEPTH - 003260 M  
 DATE - 1996/02/02 POSITION LAT. - 64° 59.99 S  
 TIME - 02:58 LONG. - 144° 59.82 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	1.620	33.925	27.139	1455.0	1.620	27.139	7.77	34.20
1.0	1.620	33.921	27.136	1455.0	1.620	27.136	7.77	34.21
2.0	1.615	33.941	27.152	1455.0	1.615	27.152	7.77	34.87
3.0	1.585	33.959	27.169	1455.0	1.584	27.169	7.77	35.31
4.0	1.584	33.961	27.170	1455.0	1.584	27.170	7.77	35.87
5.0	1.589	33.956	27.166	1455.0	1.589	27.166	7.77	36.23
10.0	1.590	33.960	27.169	1455.1	1.590	27.169	7.77	37.39
15.0	1.606	33.962	27.169	1455.2	1.605	27.169	7.77	38.33
20.0	1.479	33.957	27.175	1454.7	1.478	27.175	7.79	39.23
25.0	1.354	33.953	27.180	1454.3	1.353	27.180	7.82	40.71
30.0	1.192	33.965	27.201	1453.6	1.191	27.201	7.85	39.89
40.0	0.889	33.988	27.239	1452.5	0.887	27.239	7.91	42.23
50.0	-0.036	34.007	27.306	1448.4	-0.038	27.306	8.11	45.80
75.0	-1.415	34.355	27.645	1442.8	-1.416	27.645	8.39	51.29
100.0	-1.472	34.414	27.695	1443.1	-1.474	27.695	8.40	51.55
125.0	-1.391	34.444	27.717	1443.9	-1.394	27.717	8.38	49.18
150.0	-1.122	34.482	27.738	1445.6	-1.125	27.739	8.32	49.96
200.0	0.097	34.593	27.773	1452.3	0.089	27.773	8.04	47.87
250.0	0.967	34.697	27.804	1457.2	0.955	27.805	7.86	46.30
300.0	0.960	34.693	27.802	1458.0	0.946	27.802	7.86	46.05
400.0	1.463	34.760	27.820	1462.0	1.443	27.821	7.75	43.39
500.0	1.419	34.767	27.829	1463.4	1.393	27.831	7.76	43.47
500.9	1.419	34.766	27.828	1463.4	1.393	27.830	7.76	43.48