

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 _t | S-Vel. (m/s) | P-TEMP (°C) | sigma _θ | 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 | 1509.3 | 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 _t | S-Vel. (m/s) | P-TEMP (°C) | sigma _θ | 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 _t | S-Vel. (m/s) | P-TEMP (°C) | sigma _θ | 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 _t | S-Vel. (m/s) | P-TEMP (°C) | sigma _θ | 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 - UM961C16 DEPTH - 004100 M
 DATE - 1996/01/30 POSITION LAT. - 62 40.70 S
 TIME - 02:58 LONG. - 141 59.10 E

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

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 |

| 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

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

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 |

| 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

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

DATA TYPE = PROCESS

| Press. | Temp. | Sal. | sigmaT | S-Vel. | P-TEMP | sigma0 | S-Oxy | Oxy |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (db) | (°C) | (PSU) | (m/s) | (°C) | (°C) | (ml/L) | (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 |

| Press. | Temp. | Sal. | sigmaT | S-Vel. | P-TEMP | sigma0 | S-Oxy | Oxy |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (db) | (°C) | (PSU) | (m/s) | (°C) | (°C) | (ml/L) | (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

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

DATA TYPE = PROCESS

| Press. | Temp. | Sal. | sigmaT | S-Vel. | P-TEMP | sigma0 | S-Oxy | Oxy |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (db) | (°C) | (PSU) | (m/s) | (°C) | (°C) | (ml/L) | (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 |

| Press. | Temp. | Sal. | sigmaT | S-Vel. | P-TEMP | sigma0 | S-Oxy | Oxy |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| (db) | (°C) | (PSU) | (m/s) | (°C) | (°C) | (ml/L) | (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 |