

| VESSEL<br>NOAA R/V Oscar Dyson |                   |                              |            | PROJECT & LEG<br>DY1204   |               |               |          | STATION DESIGNATION         |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
|--------------------------------|-------------------|------------------------------|------------|---|---------------|---------------|----------|-----------------------------|---------------------------|----------------------------|----------|-------------------------|------------|----------------------|----------------------|---------------------|------|---------|-----------------|-----------------|----|--|--|--|--|-----|--|--|--|--|
| CONSC<br>CAST #                | LATITUDE          |                              | LONGITUDE  |   | DATE JD=117   |               |          | TIME<br>(GMT)               | DRY BULB<br>(AIR<br>TEMP) | RELATIVE<br>HUMIDITY       | PRESSURE | SEA STATE               | VISIBILITY | TRUE<br>WIND<br>DIR. | TRUE<br>WIND<br>SPD. | CLOUD (amt)         | TYPE | WEATHER | BOTTOM<br>DEPTH | STA.<br>NAME/ID |    |  |  |  |  |     |  |  |  |  |
|                                | DEG               | MIN                          | DEG        | MIN   | DAY           | MO            | YR       | HR                          | MIN                       | (°C)                       | (%)      | (mb)                    | *          | *                    | (deg)                | (kts)               | *    | *       | (m)             |                 |    |  |  |  |  |     |  |  |  |  |
| 001                            | 57                | 43.25                        | N          | 152   | 16.96         | W             | 26       | A                           | P                         | R                          | 1        | 2                       | 20         | 40                   | 10.0                 | .                   | 01   |         |                 | 357             | 13 |  |  |  |  | 195 |  |  |  |  |
| <b>CTD</b>                     |                   |                              |            | <b>TIMES</b>  |               |               |          | <b>JD/TIME</b>              |                           |                            |          | <b>DATA LOCATION</b>    |            |                      |                      | <b>REMARKS</b>      |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| <b>TYPE &amp; SN</b>           |                   |                              |            | <b>DATA ON</b>  |               |               |          | <b>Tape/Diskette/DVD ID</b> |                           |                            |          | <b>File Name/Header</b> |            |                      |                      | PRIOR TO RECOV OF   |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| PRESS SN 9+ S/N 0291           |                   |                              |            | START DOWN  |               |               |          | DY1204                      |                           |                            |          | CTD 001                 |            |                      |                      | CHINIAK BAY 11CB-1A |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| PRI COND SN 4C S/N 2985        |                   |                              |            | AT DEPTH  |               |               |          |                             |                           |                            |          |                         |            |                      |                      | * good to 200m*     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| PRI TEMP SN 3+ S/N 2376        |                   |                              |            | AT SURFACE  |               |               |          |                             |                           |                            |          |                         |            |                      |                      | FERF* attached      |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| SEC COND SN 4C S/N 3127        |                   |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      | MAX. DEPTH = m      |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| SEC TEMP SN 3+ S/N 4379        |                   |                              |            | <input checked="" type="checkbox"/> PAR S/N 4603 <input type="checkbox"/> pH S/N 180606 <input checked="" type="checkbox"/> O2 S/N 0904 (1°) <input type="checkbox"/> Trans S/N 1066PR <input type="checkbox"/> Cleaned air bleed valve |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
|                                |                   |                              |            | <input checked="" type="checkbox"/> FLUORO S/N 867 <input type="checkbox"/> Isus S/N 141 <input checked="" type="checkbox"/> O2 S/N 0910 (2°) <input checked="" type="checkbox"/> Altimeter   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| POS.                           | TRIP<br>DEPTH (m) | CTD CONVERTED MONITOR VALUES |            |   |               |               |          |                             |                           |                            |          | SAMPLE BOTTLE NUMBER    |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
|                                |                   | PRESSURE                     | PRI. TEMP. | SEC. TEMP.  | PRI. SALINITY | SEC. SALINITY | SAL. NO. | OXYGEN NO.                  | CHL (ml)                  | APPROX.<br>FLUORO<br>LEVEL |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 1                              | 10 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 2                              | 20 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 3                              | 30 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 4                              | 40 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 5                              | 50 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 6                              | 60 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 7                              | 70 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 8                              | 80 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 9                              | 90 m              |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 10                             | chl max           |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 11                             | 17.5 light level  |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |
| 12                             |                   |                              |            |   |               |               |          |                             |                           |                            |          |                         |            |                      |                      |                     |      |         |                 |                 |    |  |  |  |  |     |  |  |  |  |

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