| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 1-1 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | 55 | 24.72 N | 159 | 51.05 W | 170 | 5 | 13 | 05 | 58 | . | . | | | | | | | | | 112 | GR135 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 001 | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 108 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP 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. FLUORO LEVEL |
| 1 | 108 | | | | | | 395 | 279 | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | 0 | | | | | | | 280 | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 30-1 |

| CONSC CAST # | LATITUDE (DEG MIN) | LONGITUDE (DEG MIN) | DATE JD= (DAY MO YR) | TIME (GMT) (HR MIN) | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 002 | 55 40.01 N | 158 34.56 W | 19 MAY 13 | 0440 | . | . | | | | | | | | | 114 | GU143 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 002 | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 109 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [X] **Cleaned air bleed valve**

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES | | | | | SAMPLE BOTTLE NUMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | NUTRIENT ~~OXYGEN NO.~~ | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 | Bottom | | | | | | 396 | | | |
| 2 | | | | | | | | | | |
| 3 | 100 | | | | | | | 2008 | | |
| 4 | 75 | | | | | | | 2007 | | |
| 5 | 50 | | | | | | | 2006 | | |
| 6 | 40 | | | | | | | 2005 | | |
| 7 | 30 | | | | | | | 2004 | | |
| 8 | 20 | | | | | | | 2003 | | |
| 9 | 10 | | | | | | | 2002 | | |
| 10 | Ø | | | | | | | 2001 | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 32-1 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | | LONGITUDE DEG | LONGITUDE MIN | | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 003 | 55 | 26.20 | N | 158 | 07.43 | W | 19 | 95 | 13 | 07 | 57 | 02.7 | 61. | 31 | | | 268 | 10 | | | | 124 | 62143 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 003 | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 121 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES | | | | | SAMPLE BOTTLE NUMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | NUTRIENT # ~~OXYGEN NO.~~ | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 | BOTTOM | | | | | | | | | |
| 2 | 125 | | | | | | | 2017 | | |
| 3 | 100 | | | | | | | 2009 | | |
| 4 | 75 | | | | | | | 2010 | | |
| 5 | 50 | | | | | | | 2011 | | |
| 6 | 40 | | | | | | | 2012 | | |
| 7 | 30 | | | | | | | 2013 | | |
| 8 | 20 | | | | | | | 2014 | | |
| 9 | 10 | | | | | | | 2015 | | |
| 10 | 0 | | | | | | 397 | 2016 | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 34-1 |

| CONSC CAST # | LATITUDE DEG MIN | LONGITUDE DEG MIN | DATE JD= DAY MO YR | TIME (GMT) HR MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 004 | 55 12.44 N | 157 40.64 W | 19 MAY 13 | 1121 | . | . | | | | | | | | | 83 | HD1 43 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 72 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [X] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES | | | | | SAMPLE BOTTLE NUMBER | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | nutrient ~~OXYGEN NO.~~ | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 | 73 | | | | | | 398 | 2025 | | |
| 2 | 50 | 51.1391 | 4.59505 | .00015 | 32.48105 | -.00230 | | 2018 | | |
| 3 | 40 | 40.8777 | 4.59253 | -.00004 | 32.48032 | -.00124 | | 2019 | | |
| 4 | 30 | 30.0750 | 4.61455 | -.00022 | 32.37388 | 32.47601 | | 2020 | | |
| 5 | 20 | 19.3541 | 5.25172 | 5.26266 | 32.91780 | 32.42644 | | 2021 | | |
| 6 | 10 | 9.4803 | 5.19736 | 5.19477 | 32.27199 | 32.27093 | | 2023 | | |
| 7 | 0 | 2.3828 | 5.19786 | 5.19767 | 32.27170 | 32.27066 | | 2022 | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 36 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 005 | 55 | 05.53 N | 157 | 27.47 W | 19 | MAY | 13 | 13 | 21 | 02.6 | 61. | 33.6 | 3 | | 274 | 10 | | | | 278 | HH143 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 251 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [X] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 250 | 254.1302 | 5.07984 | 5.07884 | 33.76734 | 33.76843 | 399 | 281 | | |
| 2 | 200 | 201.5123 | 5.20186 | 5.20780 | 33.69044 | 33.68448 | | • | | |
| 3 | 150 | 150.7225 | 5.41284 | 5.41335 | 33.49087 | 33.48999 | | | | |
| 4 | 100 | 100.4017 | 4.88648 | 4.85159 | 32.83900 | 32.83559 | | | | |
| 5 | 75 | 75.4457 | 4.70999 | 4.71150 | 32.69855 | 32.69718 | | | | |
| 6 | 50 | 49.9952 | 4.63728 | 4.63511 | 32.56303 | 32.56222 | | | | |
| 7 | 40 | 39.8838 | 4.87479 | 4.85273 | 32.51064 | 32.50417 | | | | |
| 8 | 30 | 31.0787 | 5.10356 | 5.17740 | 32.47710 | 32.47057 | | | | |
| 9 | 20 | 20.7212 | 5.23915 | 5.24055 | 32.47078 | 32.47114 | | | | |
| 10 | 10 | 10.2881 | 5.24538 | 5.24556 | 32.47092 | 32.46969 | | | | |
| 11 | 0 | 2.7805 | 5.24708 | 5.24665 | 32.47061 | 32.46995 | 400 | | | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 133 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 006 | 57 | 31.12 N | 154 | 46.95 W | 25 | MAY | 13 | 18 | 12 | 05.09 | 7.0 | 14 | | | 260 | 04 | 8 | 8 | 4 | 2089 | F0X56 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = ~ m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | NUTRIENT BOTTLE # ~~SEC. SALINITY~~ | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | |
| 2 | 200 | | | | | 2038 | 401 bottom | | | |
| 3 | 150 | | | | | 2039 | | | | |
| 4 | 100 | | | | | 2040 | | | | |
| 5 | 75 | | | | | 2041 | | | | |
| 6 | 50 | | | | | 2042 | | | 281 | |
| 7 | 40 | | | | | 2043 | | | 283 | |
| 8 | 30 | | | | | 2044 | | | 283 | |
| 9 | 20 | | | | | 2045 | | | 283 | |
| 10 | 10 | | | | | 2046 | | | 287 | |
| 11 | 0 | | | | | 2047 | | | 288 | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 134 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | | LONGITUDE DEG | LONGITUDE MIN | | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 007 | 57 | 33.09 | N | 154 | 52.92 | W | 25 | MAY | 13 | 19 | 36 | 05.4 | 96.0 | 13 | | | 25.8 | 2.5 | | | | 226 | F0X57 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | No water for salinity sample #402 (taken for 9.5L nut sample) |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 008 | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | ~~SEC. SALINITY~~ NUT. BOTTLE # | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 215 | | | | | 2048 | | | | |
| 2 | 200 | | | | | 2049 | | | | |
| 3 | 150 | | | | | 2050 | | | | |
| 4 | 100 | | | | | 2051 | | | | |
| 5 | 75 | | | | | 2052 | | | | |
| 6 | 50 | | | | | 2053 | | | 281 | |
| 7 | 40 | | | | | 2054 | | | 283 | |
| 8 | 30 | | | | | 2055 | | | 283 | |
| 9 | 20 | | | | | 2056 | | | 283 | |
| 10 | 10 | | | | | 2057 | | | 287 | |
| 11 | 0 | | | | | 2058 | ~~402~~ | | 288 | |
| ~~12~~ | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 135 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 008 | 57 | 36.82 N | 155 | 01.18 W | 25 | 05 | 13 | 21 | 13 | 6.2 | 92.0 | 122 | 7 | 09 | 9 | 06 | 7 | 8 | 2 | 239 | FOX58 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | SAL # 402 TAKEN |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 008 | C BOTTOM (AGAIN) |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 230 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [X] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | NUT. BOTTLE # ~~SEC. SALINITY~~ | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 215 | | | | | 2059 | 402 | | | |
| 2 | 200 | | | | | 2060 | | | | |
| 3 | 150 | | | | | 2061 | | | | |
| 4 | 100 | | | | | 2062 | | | | |
| 5 | 75 | | | | | 2063 | | | | |
| 6 | 50 | | | | | 2064 | | | 281 | |
| 7 | 40 | | | | | 2065 | | | 283 | |
| 8 | 30 | | | | | 2066 | | | 283 | |
| 9 | 20 | | | | | 2067 | | | 283 | |
| 10 | 10 | | | | | 2068 | | | 287 | |
| 11 | 0 | | | | | 2069 | | | 288 | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 136 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 009 | 57 | 38.68 N | 155 | 04.09 W | 25 | 05 | 13 | 23 | 38 | 07.3 | 85.0 | 10 | 3 | 9 | 53 | 24 | 1 | 6 | 1 | 258 | F0X59 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | POSITION/TIME/MET |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 009 | DATA C |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 249 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | NUT BOTTLE # ~~SEC. SALINITY~~ | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Bottom | | | | | 2070 | 403 | 283 | | |
| 2 | 200 | | | | | 2071 | | | | |
| 3 | 150 | | | | | 2072 | | | | |
| 4 | 100 | | | | | 2073 | | | | |
| 5 | 75 | | | | | 2074 | | | | |
| 6 | 50 | | | | | 2075 | | | 281 | |
| 7 | 40 | | | | | 2076 | | | 283 | |
| 8 | 30 | | | | | 2077 | | | 283 | |
| 9 | 20 | | | | | 2078 | | | 283 | |
| 10 | 10 | | | | | 2079 | | | 287 | |
| 11 | Surface | | | | | 2080 | | | 288 | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 137 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 010 | 57 | 40.87 N | 155 | 10.73 W | 260 | 5 | 13 | 01 | 25 | 6.9 | 86.0 | 09 | 6 | 8 | 060 | 33 | 1 | 6 | 1 | 291 | F0X60 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS (UTC) |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | POSITION/TIME @ |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 010 | ~~BOTTOM DEPTH~~ 250 Meter |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 250 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | ~~SEC. SALINITY~~ NUT. BOTTLE # | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 250 | | | | | 2081 | 404 | | | |
| 2 | 200 | | | | | 2082 | | | | |
| 3 | 150 | | | | | 2083 | | | | |
| 4 | 100 | | | | | 2084 | | | | |
| 5 | 75 | | | | | 2085 | | | | |
| 6 | 50 | | | | | 2086 | | | 281 | |
| 7 | 40 | | | | | 2087 | | | 283 | |
| 8 | 30 | | | | | 2088 | | | 283 | |
| 9 | 20 | | | | | 2089 | | | 283 | |
| 10 | 10 | | | | | 2090 | | | 287 | |
| 11 | SURFACE | | | | | 2091 | | | 288 | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 138 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 011 | 57 | 43.19 N | 155 | 15.61 W | 26 | 05 | 13 | 03 | 01 | 06.4 | . | | | | | | | | | 168 | F0X61 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | POSITION TIME (UTC) |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD 011 | @ BOTTOM DEPTH |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 164 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [ ] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | NUT # BOTTLE ~~SEC. SALINITY~~ | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BOTTOM | | | | | | | -284 | | |
| 2 | SURFACE | | | | | | -405 | -285 | | |
| 3 | 150 | | | | | 2092 | | | | |
| 4 | 100 | | | | | 2093 | | | | |
| 5 | 75 | | | | | 2094 | | | | |
| 6 | 50 | | | | | 2095 | | | 281 | |
| 7 | 40 | | | | | 2096 | | | 283 | |
| 8 | 30 | | | | | 2097 | | | 283 | |
| 9 | 20 | | | | | 2098 | | | 283 | |
| 10 | 10 | | | | | 2099 | | | 287 | |
| 11 | SURFACE | | | | | 2100 | | | 288 | |
| 12 | | | | | | | | | | |

| VESSEL | PROJECT & LEG | STATION DESIGNATION |
|---|---|---|
| NOAA R/V *Oscar Dyson* | DY1306 | 175 |

| CONSC CAST # | LATITUDE DEG | LATITUDE MIN | LONGITUDE DEG | LONGITUDE MIN | DATE JD= DAY | MO | YR | TIME (GMT) HR | MIN | DRY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE (mb) | SEA STATE * | VISIBILITY * | TRUE WIND DIR. (deg) | TRUE WIND SPD. (kts) | CLOUD (amt) * | TYPE * | WEATHER * | BOTTOM DEPTH (m) | STA. NAME/ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 012 | 57 | 10.65 N | 152 | 14.53 W | 29 | 05 | 13 | 04 | 17 | 7.29 | 0.0 | 06 | 4 | 8 | 218 | 13 | 2 | 1 | 1 | 82 | hn185 |

| CTD | | TIMES | JD/TIME | DATA LOCATION | | REMARKS |
|---|---|---|---|---|---|---|
| TYPE & SN | | DATA ON | | Tape/Diskette/DVD ID | File Name/Header | new configuration file |
| PRESS SN | 9+ S/N 0772 | START DOWN | | DY1306 | CTD012 | (voltage outputs rearranged) |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | MAX. DEPTH = 77 m |
| SEC COND SN | 4C S/N 3127 | | | | | |
| SEC TEMP SN | 3+ S/N 4379 | | | | | |

**on primary T/C**

[X] PAR S/N 70281 [X] WETStar FLUOR S/N 868 [X] O2 S/N 1961 (sec) [X] O2 S/N 0904 (pri) [X] Cleaned air bleed valve

[X] ALTIMETER

| POS. | TRIP DEPTH (m) | CTD CONVERTED MONITOR VALUES: PRESSURE | PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAMPLE BOTTLE NUMBER: SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BOTTOM | | | | | | 406 | 286 | | |
| 2 | — | | | | | | | | | |
| 3 | — | | | | | | | | | |
| 4 | BOTTOM | | | | | | | | | |
| 5 | SURFACE | | | | | | | | | |
| 6 | — | | | | | | | | | |
| 7 | SURFACE | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | SURFACE | | | | | | 407 | 287 | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |