| VESSEL | L Ship <i>Oscal</i> | , Dycon | | | PROJECT & L | EG 12 | , | | | | STATION DE | SIGNATION 40 1 | |
|-----------------|------------------------|-------------------------|-------|-----------------|-----------------|---------------|---------------|-----------------------------|-----------------------|-------------|------------------|-------------------|-----------------|
| NOAA 3 | IIIp Oscar | Dyson | - | | 197 17 | | | T T | ш | | 1 | T | |
| | | | | | | | | | PRESSURE SEA STATE | E | CLOUD (amt) TYPE | í | |
| 001100 | | | | | | | DRY BUI | | SS | TRUE | TRUES | DOTTOM | OTA |
| CONSC CAST # | 1 | TITUDE | | LONGITUDE | DATE JD= | TIME (GMT) | (AIR TEMP) | RELATIVE HUMIDITY | PRE SE/ | S WIND | WIND OLL IN | BOTTOM DEPTH | STA. NAME/ID |
| 07.01.11 | | MIN | DEC | | DAY MO YR | HR MIN | (°C) | | (mb) * | * (deg) | (kts) * * * | (m) | |
| 18 | 58 | 57. 109 N | 15 | 3 17 .044 W | 185 | 08 | 9.8 | 3 99. | 14182 | 154 | 4.77 | 145 | |
| CTD | | | TIME | S JD/TI | ME | | | DATA LOCAT | ION | | REMAR | RKS | |
| TYPE & | SN | | DATA | | | Tape/Diske | ette/DVF | | | Header | | | |
| 1 | | CONTROL CONTROL CONTROL | | | | Тарельюк | | | | ricador | | | |
| PRESS | - | S/N 0772 | | T DOWN | - | | | CTE | | | - | | |
| PRI CONI | ID SN 4C | S/N 2985 | AT DE | EPTH | | | | | | | - | | |
| PRI TEMP | P SN 3+ | S/N 2376 | AT SI | JRFACE | | | | | | | MAX. D | EPTH = 13 | m |
| SEC CON | ND SN 4C | S/N 3127 | | | | | | | | | | _ | |
| SEC TEM | MPSN 3+ | S/N 4379 | X | PAR S/N 70296 | pH S/N | | X | O2 S/N 1961(1° |) X | Trans S/N | | Cleaned air ble | ed valve |
| | - | | | FLUORO S/N 2057 | ISUS S/N | | X | O2 S/N 1875 (2 ⁶ |) X | Altimeter S | S/N 47408 | | |
| POS. | TRIP | | | | NVERTED MONITOR | R VALUES | | 3 - 3 - 1 - 1 - 1 - 1 | / 1. | | SAMPLE BOT | TLE NUMBER | |
| D | EPTH (m) | | | | | | | | | | | | |
| | | | | | | | | | _ | | T | T | APPROX. |
| | | PRESSUR |) E | PRI. TEMP. | SEC. TEMP. | PRI. SAL | INIITY | SEC. SALINI | _{TV} | SAL. NO. | OXYGEN NO. | CHL (ml) | FLUORO |
| | | TRESSOR | \L | T IXI. TEIVIT . | OLC. ILIVII . | TIN. SAL | INIT | OLO. OALINI | | SAL. NO. | OXTGEN NO. | CHE (IIII) | LEVEL |
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| 7 8 9 | | | | | | | | | | | | | |

| VESSEL NOAA Ship Oscar Dyson | | PROJECT & L | EG Dle Legil | | | STATION DES | SIGNATION | |
|---|--------------------------------------|------------------------------------|---|-------------------------------------|----------------------------|---------------------------------------|-------------------------------|----------------------------|
| CONSC CAST # LATITUDE 19 DEG MIN 019 5756.972 N | LONGITUDE DEG MIN 154 35 .871 W | 186 DATE JD= DAY MO YR 05 07 17 | DRY BU TIME (AIR (GMT) TEMP HR MIN (°C) | (%) (mb) | * * (deg) | CCOUD (amt) * * CCOUD (amt) WEATHER | BOTTOM DEPTH (m) 235 | STA. NAME/ID |
| | TIMES JD/T | 11 | 07 30 (1. | DATA LOCATION | 11 200 | REMAR | | |
| | DATA ON | IIVIL | Tape/Diskette/DVI | | me/Header | 1 | | SECONDARY |
| | START DOWN | | Tape/Diskette/DVI | CTD | ne/ricader | 0% | SENSORS | ALE OFF |
| | AT DEPTH | | | | | X 100 K | a salinity | sor face |
| | AT SURFACE | | | | | MAY D | EPTH = 22 |) -5 m |
| | AT SURFACE | | L | | | IVIAN. DI | | 111 |
| SEC COND SN 4C S/N 3127 SEC TEMP SN 3+ S/N 4379 | X PAR S/N 70296 X FLUORO S/N 2057 | pH S/N ISUS S/N | X | O2 S/N 1961(1°) O2 S/N 1875 (2°) | X Trans S/N X Altimeter S/ | | Cleaned air ble | ed valve |
| POS. TRIP DEPTH (m) | CTD CO | NVERTED MONITOR | R VALUES | | | SAMPLE BOT | TLE NUMBER | |
| surface PRESSUR | RE PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 2200 | | | d | | | | | |
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| 11 | | | | | - | , | | - |

| VESSEL | hip Osca | r Dyson | | | PROJECT & L | EG 36 189/11 | | | | STATION DES 409 | SIGNATION | |
|-------------------|------------------|----------------|---------------------------------------|-----------------|------------------------------|--------------------------------|----------------|----------------------|-------------------------|--|--------------------------------|----------------------------|
| CONSC CAST# | DEG LA | ATITUDE MIN | DEG | ONGITUDE MIN | J&7 DATE JD= DAY MO YR | DRY TIME (A (GMT) TE HR MIN (° | C) (%) | (mb) | TRUE WIND DIR. * (deg) | * (sty) * (cty) * CLOUD (amt) * TYPE WEATHER | BOTTOM DEPTH (m) | STA. NAME/ID |
| 26 | 15 F 1 | 20.119 N | 155 | 39.230W | 06 07 17 | 08 01 11 | . 1 091. | 1020 | 28205 | 6.8 % 0 , | 187 | |
| CTD | | | TIMES | JD/TI | ME | | DATA LO | CATION | | REMAR | KS - A | vee tu |
| TYPE & | SN | | DATA C | ON | | Tape/Diskette/[| OVD ID | File Nan | ne/Header | 70 | £ 5° | |
| PRESS : | SN 9+ | S/N 0772 | START | DOWN | | | | CTD | | - \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | o saliniav | surface |
| PRI CONI | DSN 40 | S/N 2985 | AT DEF | TH' | | | | | | Samp | ks £ sAr a salinity 2 (#200 |) |
| PRI TEME | | S/N 2376 | AT SUF | RFACE | | | | | | MAX. DE | EPTH= 27 | 2 m |
| SEC CON | | S/N 3127 | | | | | | | | | | |
| | | S/N 4379 | ΧP | AR S/N 70296 | pH S/N | | X O2 S/N 19 | 61(1º) | X Trans S/N | | Cleaned air ble | ed valve |
| OLO 12IVI | 0 0 | 0// 10/0 | | LUORO S/N 2057 | ISUS S/N | | X O2 S/N 18 | - | X Altimeter S | | 1 | 54 Yu. 15 |
| 1 | | | 3 1/7 1 | LOOKO 0/14 200/ | ŧ I | | V - V 11 V | · V (- / | 1,,1 | | | |
| POS. | TRIP | | · · · · · · · · · · · · · · · · · · · | CTD CO | VVERTED MONITOR | R VALUES | | | | SAMPLE BOT | TLE NUMBER | |
| | TRIP EPTH (m) | | · · · · · · · · · · · · · · · · · · · | CTD COI | NVERTED MONITOR | R VALUES | | | | SAMPLE BOT | TLE NUMBER | |
| | | PRESSUF | RE | CTD COI | VERTED MONITOR | R VALUES PRI. SALINITY | SEC. SA | ALINITY | SAL. NO. | SAMPLE BOT | CHL (ml) | APPROX. FLUORO LEVEL |
| DI | | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| DI | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 | EPTH (m) | | RE . | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 5 5 | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 5 6 | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 5 6 7 | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 5 6 7 8 | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 5 6 7 | EPTH (m) | | RE . | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |
| 1 2 3 4 5 6 7 8 9 | EPTH (m) | | RE | | | | SEC. SA | ALINITY | SAL. NO. | | | FLUORO |

| VESSE | | car Dyson | | | PROJECT & L | EG -ひら ムゴ | - | | | STATION DES | IGNATION | |
|--------------|-----------------|-----------------|--------|----------------------|-----------------------------------|-------------------------|----------------------------------|-----------------------------|---|--------------|------------------------|----------------------------|
| CONS CAST | c | LATITUDE MIN | DEG | ONGITUDE MIN 14.56 W | /88 DATE JD= DAY MO YR 0707 17 | TIME (GMT) HR MIN | RY BULE (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | I OFO | | BOTTOM DEPTH (m) | STA. NAME/ID |
| CTD | 12 | -1110 14 | TIMES | JD/T | | | | DATA LOCAT | ION | REMAR | (S | |
| TYPE 8 | k SN | | DATA C | NC | | Tape/Disket | te/DVD | ID File | Name/Header | | | |
| PRESS | | 9+ S/N 0772 | START | DOWN | | | | СТЕ |) | _ | | |
| PRI COI | ND SN | 4C S/N 2985 | AT DEF | PTH | | | | | | | | |
| PRITEN | лР SN | 3+ S/N 2376 | AT SUF | RFACE | | | | | | MAX. DE | PTH = | m |
| SEC CC | ND SN | 4C S/N 3127 | | | _ | | | | | | | |
| SEC TE | MP SN | 3+ S/N 4379 | ХР | AR S/N 70296 | pH S/N | | ΧC |)2 S/N 1961(1° | Trans S/N Altimeter | | Cleaned air ble | ed valve |
| | | | ΧF | LUORO S/N 2057 | | | ^ c |)2 S/N 1875 (2 | °) X Additioned | SAMPLE BOTT | TE NUMBER | |
| POS. | TRIP DEPTH (| m) | | CIDCC | NVERTED MONITO | R VALUES | | | | SAMIFEE BOTT | LE NOMBEN | |
| | | PRESSUI | RE | PRI. TEMP. | SEC. TEMP. | PRI. SALIN | UITY | SEC. SALINI | TY SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
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| 12 | | | | | | | | | | | | |

| VESSEL NOAA Sh | ip Osca | ar Dyson | : | | | | PROJE | CT & I | .EG - ひし <i> し</i> | -2 | E | UF SEN | , A • • • | _ / _ ' | 414 | STAT | ION D | ESI | GNATION HIY | | |
|-------------------|--|--------------------------|-------|------------|------------------------|--------------|----------------|--------------|-----------------------|----------------------|--|--|---------------------------------------|-------------------------|----------------------|----------------------|---------------------|----------|-----------------|----------------------|----|
| CONSC CAST# | | ATITUDE | | | ONGITUDE | | Ì&9 DATE JI | | TIME (GMT) | DRY B (All TEM | R P) | RELATIVE HUMIDITY | PRESSURE | SEA STATE VISIBILITY | | TRUE WIND SPD. | CLOUD (amt) TYPE | WEATHER | BOTTOM DEPTH | STA. NAME/ | |
| | DEG 56 | MIN 14.5 N | 1 - | EG [| MIN 32.7 | | DAY MO | 17 | HR MIN ひもひひ | (°C | ' | (%) 93. | (mb) | 1 100 | (deg) 187 | (kts) | * * 7. | 0 | (m) 162 | Line 41 | |
| 22 | 76 | 14.5 N | TIM | | 37. 2 | и W JD/TI | ! <u></u> | 11 | 0000 | | L | ATA LOCAT | | 1.1. | 103 | 1 | ′ଃ REMA | | | Line 71 | |
| CTD | | | | | N.; | JU/II | IVIE | | Tape/Disk | otta/D\ | | | | ne/He | ader | | i (Livi) | -11XIV | | | |
| TYPE & S | | | | TA OI | | | | | Taperbisk | elle/D | יו עו | | | 116/116 | auei | | | | | | |
| PRESS S | _ | + S/N 0772 | 1 | | NWOC | | | | | | | <u>CT</u> | ט | | | - | - | | | | |
| PRI COND | | C S/N 2985 | 1 | DEPT | | | | | | | | - | | | | | | m.m. | DTU 1/ | 37 | |
| PRI TEMP | _ | + S/N 2376 | AT S | SURF | FACE | | | | | | | | | | | ···· | INAX. | DE | PTH= 15 | J.5 m | |
| SEC CONE | | C S/N 3127 + S/N 4379 | - I | ┥ | NR S/N 702 UORO S/N | | pH S | S/N S S/N | |) } | _ | S/N 1961(1 S/N 1875 (2 | | | ans S/N timeter S | | .08 | | Cleaned air bl | eed valve | |
| | TRIP PTH (m |) | - Too | | С | TD COI | NVERTED MO | ONITOI | R VALUES | | | | | | | SAMF | LE BC | TT | LE NUMBER | | |
| | | PRESSU | RE | | PRI. TEN | 1P. | SEC. TE | MP. | PRI. SAI | LINITY | | SEC. SALIN | ITY | SA | L. NO. | OXY | GEN NO | D. | CHL (ml) | APPR FLUO LEVE | RO |
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| VESSEL NOAA Ship Os | scar Dyson | | PROJECT & L | EG - L 2 | | | STATION DES | IGNATION 354 | |
|----------------------------|----------------------------|--------------------------------------|---|---|-------------------------------------|---------------------------|--------------------------------|------------------------|----------------------------|
| CONSC CAST# DEG 2356 | LATITUDE MIN 19.67 N | LONGITUDE DEG MIN 157 59 . Y7 W | 96 DATE JD= DAY MO YR 69 07 17 | DRY BU TIME (AIR (GMT) TEMP HR MIN (°C) | RELATIVE HUMIDITY (mb) | * * (deg) | * CLOUD (amt) * TYPE WEATHER | BOTTOM DEPTH (m) | STA. NAME/ID |
| CTD | | TIMES JD/TI | ME | 10 | DATA LOCATION | | REMAR | KS | |
| TYPE & SN | 9+ S/N 0772 | DATA ON | | Tape/Diskette/DVI | O ID File Nar | me/Header | Slope gu.c | increase that the 236 | n expecte |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | | | Reso | 236 | o en librera |
| | 3+ S/N 2376 | AT SURFACE | | | | | | EPTH = 32 | |
| SEC COND SN SEC TEMP SN | 4C S/N 3127 3+ S/N 4379 | X PAR S/N 70296 X FLUORO S/N 2057 | pH S/N ISUS S/N | X | O2 S/N 1961(1°) O2 S/N 1875 (2°) | X Trans S/N X Altimeter S | /N 47408 | Cleaned air ble | ed valve |
| POS. TRIP DEPTH | | CTD CO | NVERTED MONITOR | RVALUES | | | SAMPLE BOTT | TLE NUMBER | |
| | PRESSUF | RE PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 | | | | | | | | | - |
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| 11 | | | | | | - | | | |

| VESSEL | nip Oscar | Dyson | | PROJECT & L | EG 12 | | | STATION DESI | GNATION 354 | |
|-----------------|------------------|----------------------------------|--------------------------------------|-----------------|---|-------------------------------------|----------------------------|------------------------------------|------------------------|--|
| CONSC CAST# | LA | TITUDE MIN | LONGITUDE DEG MIN | DATE JD= | DRY BL TIME (AIR (GMT) TEMF HR MIN (°C) | (%) (mb) | * * (deg) | * (sty) * (Sty) * (Sty) * (Sty) | BOTTOM DEPTH (m) | STA. NAME/ID |
| 236 | 561 | 7.7 N | 15759.23 W | 10907 17 | 11 9. | 38 96. 1008 | 3 2 140 | 17.104 5 | 314 | 354 |
| CTD TYPE & S | | | TIMES JD/T DATA ON | IME | Tape/Diskette/DV | DATA LOCATION D ID File Nar CTD | me/Header | REMARK | (s (302m) | (100 de 100 de 1 |
| PRESS S | | S/N 0772 | START DOWN | | | <u> </u> | | | | 20000 100 10000 |
| PRI CONE | | S/N 2985 | AT DEPTHAT SURFACE | | | | | MAX. DE | PTH = 295 | 5 m |
| SEC CON | DSN 4C PSN 3+ | S/N 2376 S/N 3127 S/N 4379 | X PAR S/N 70296 X FLUORO S/N 2057 | | X | O2 S/N 1961(1°) O2 S/N 1875 (2°) | X Trans S/N X Altimeter S/ | | Cleaned air ble | ed valve |
| POS. | TRIP EPTH (m) | | CIDCC | NVERTED MONITOR | R VALUES | | | O/ WIT EE DOT! | | |
| | | PRESSUF | RE PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 | | | | | | | | | | |
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| 12 | | | | | | | | | | |

| VESSEL NOAA Sh | nip <i>Oscai</i> | r Dyson | | *** | PROJECT & L | .EG -06 L | 2 | | | | STATION DES | SIGNATION | |
|-------------------|------------------|--------------------|----------|---------------|-------------------------------|--------------|-----------------------------------|--|-----------------|--------------------------|---------------------|------------------------|----------------------------|
| | DEG | ATITUDE MIN 3.83 N | DEG | | DATE JD= DAY MO YR 10 07 17 | | DRY BULE (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | # GPRESSURE | TRUE WIND DIR. * (deg) | KKS) * * * WEATHER | BOTTOM DEPTH (m) | STA. NAME/ID |
| CTD | | | TIMES | JD/TI | ME | | | DATA LOCAT | TION | | REMAR | KS | |
| TYPE & S | SN | | DATA (| ON | | Tape/Disk | ette/DVD | ID File | e Name | /Header | | | |
| PRESS S | SN 9+ | S/N 0772 | START | DOWN | | | | СТІ | D | | _ | | |
| PRI COND | SN 4C | S/N 2985 | AT DEF | PTH | | | | | | | | | |
| PRI TEMP | SN 3+ | S/N 2376 | AT SUF | RFACE | | | | | | | MAX. DE | EPTH = 85 | .44 m |
| SEC CONE | OSN 4C | S/N 3127 | | | _ | | | | | _ | | | |
| SEC TEMP | SN <u>3+</u> | S/N 4379 | | PAR S/N 70296 | pH S/N ISUS S/N | | $\overline{\nabla}$ | 2 S/N 1961(1 ^o 2 S/N 1875 (2 | | Trans S/N Altimeter S | /N 47408 | Cleaned air ble | eed valve |
| | TRIP PTH (m) | | | CTD COM | NVERTED MONITOR | RVALUES | | | | | SAMPLE BOTT | TLE NUMBER | |
| | | PRESSUR | E | PRI. TEMP. | SEC. TEMP. | PRI. SAL | INITY | SEC. SALINI | ITY | SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
| | 35.44 | | - | | | | | | -+ | | | | - |
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| 12 | | | | | | | | | | | | | |

| VESSEL | hip Osca | ar Dyson | | | | PROJECT & | EG-06 | 12 | | | | | STAT | ION D | DESI | IGNATION | |
|----------------|------------------|---------------------|--------|--------------------------|---------|--------------------|-------------------------|----------------------------------|---------------------------------|----------|-------------------------|---------------------|-------------------------------|---------------|-------------|------------------------|----------------------------|
| CONSC CAST# | L DEG | ATITUDE MIN 09.59 N | DEG | ONGITUDE MIN | \perp | DATE JD= DAY MO YR | TIME (GMT) HR MIN | DRY BUL (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | PRESSURE | * SEA STATE * パSIBILITY | (deg) | TRUE WIND SPD. (kts) | * CLOUD (amt) | / * WEATHER | BOTTOM DEPTH (m) | STA. NAME/ID |
| CTD | | | TIMES | | JD/TI | | | | DATA LOCAT | TION | | | | REM | | | 1. |
| TYPE & | SN | | DATA C | ON | | | Tape/Disk | ette/DVD | ID File | e Nam | ne/He | ader | | Step | PISE | emove PAI | sensor |
| PRESS | SN 9- | + S/N 0772 | START | DOWN | | | | | СТ | D | | | _ | 110 | 4 | Control 1777 | |
| PRI CONI | DSN 40 | C S/N 2985 | AT DEP | PTH | | | | | | | | | | | | | |
| PRI TEMP | SN 3- | + S/N 2376 | AT SUF | RFACE | | | | | | | | | | MAX. | DE | PTH = /00 5 | m |
| SEC CON | ID SN 40 | C S/N 3127 | | | | _ | | | | | _ | | | | | | |
| SEC TEM | IPSN 3- | + S/N 4379 | \Box | AR S/N 7029 LUORO S/N | | pH S/N ISUS S/N | | $\overline{\mathbf{v}}$ | D2 S/N 1961(1 D2 S/N 1875 (2 | | _ | ans S/N imeter S | /N 474 | 08 | Ш | Cleaned air ble | eed valve |
| POS. | TRIP EPTH (m) |) | | СТ | D CO | NVERTED MONITO | R VALUES | | | | | | SAMP | LE BO | TTC | LE NUMBER | |
| | | PRESSUR | RE . | PRI. TEM | Р. | SEC. TEMP. | PRI. SAI | LINITY | SEC. SALIN | ITY | SAI | L. NO. | OXYO | GEN N | Ο. | CHL (ml) | APPROX. FLUORO LEVEL |
| 2 | | | - | | | | - | | | | | | | | \dashv | | - |
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| VESSEL NOAA Sh | nip Osca | r Dyson | | | PROJECT & I | _EG -じし し | 2 | | | |) >e e | DESIG とんら | NATION (| \$ |
|-------------------|-----------------|------------------------|-----------------|--------------------------------|------------------------------|-------------------------|-----------------------------------|--------------------------------|--------------------------------|--------------------------|--------------|--------------|---------------------------------------|----------------------------|
| CONSC CAST# | L/ DEG | ATITUDE MIN | L(DEG | ONGITUDE MIN | 193 DATE JD= DAY MO YR | TIME (GMT) HR MIN | DRY BULE (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | 3 G PRESSURE * SEA STATE | TRUE WIND DIR. * (deg) | (kts) * | * WEATHER | BOTTOM DEPTH (m) | STA. NAME/ID |
| 26 | 56 0 | 02.84 N | 153 | 54:18 W | 1207 17 | 68 12 | 12 .05 | 88.24 | 16:504 | DX 302 | 19 | | 90 | 25 |
| CTD TYPE & S | SN | | TIMES DATA O | JD/T | IME | Tape/Disk | | DATA LOCAT | | /Header | REM | MARKS | } | |
| PRESS S | N <u>9+</u> | S/N 0772 | START | DOWN | | ļ | | CTI | D | | _ | | | |
| PRI COND | SN 40 | S/N 2985 | AT DEP | TH | | | | | | | - | | | |
| PRI TEMP | SN <u>3+</u> | - S/N 2376 | AT SUR | FACE | | | | | | | MAX | (. DEP | _{TH=} & i | m |
| SEC COND | | S/N 3127 - S/N 4379 | | AR S/N 70296 .UORO S/N 2057 | pH S/N ISUS S/N | | | 2 S/N 1961(1º 2 S/N 1875 (2 | _ | Trans S/N Altimeter S | /N 47408 | Сі | eaned air ble | ed valve |
| | TRIP PTH (m) | | | CTD CO | NVERTED MONITOR | RVALUES | | | | | SAMPLE B | BOTTLE | NUMBER | |
| | | PRESSUR | RE | PRI. TEMP. | SEC. TEMP. | PRI. SAL | INITY | SEC. SALINI | ITY | SAL. NO. | OXYGEN N | ۷٥. | CHL (ml) | APPROX. FLUORO LEVEL |
| 2 | | | | | | | | · | | | | | | |
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| 11 | | | | | | | | | | | | | | |
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| VESSEL NOAA Ship Oscar Dyson | | PROJECT & I | EG LZ | | | STATION DES | IGNATION 451 | |
|--|--------------------------------------|--------------------|---------------------|---|---------------------------|--|------------------------------|---------------------------------------|
| CONSC CAST# LATITUDE DEG MIN 27 (6 48 .52 | LONGITUDE DEG MIN N 154 26.74 W | DATE JD= DAY MO YR | TIME (A (GMT) TE | C) (%) (I | mb) * * (deg) | * (sty) (sty) (sty) * (CLOUD (amt) (sty) (| BOTTOM DEPTH (m) F1 | STA. NAME/ID |
| CTD | TIMES JD/T | | , , , , , , | DATA LOCATION | | REMAR | | |
| TYPE & SN | DATA ON | | Tape/Diskette/[| | Name/Header | | | |
| PRESS SN 9+ S/N 0772 | START DOWN | | | CTD | | _ | | |
| PRI COND SN 4C S/N 2985 | AT DEPTH | * | | | | _ | | |
| PRI TEMP SN 3+ S/N 2376 | AT SURFACE | | | | | MAX. DE | PTH = 60. | <i>c</i>) m |
| SEC COND SN 4C S/N 3127 | | h | 1 | | - | | 1 | • |
| SEC TEMP SN 3+ S/N 4379 | X PAR S/N 70296 X FLUORO S/N 2057 | pH S/N ISUS S/N | | X O2 S/N 1961(1º) X O2 S/N 1875 (2º) | X Trans S/N x Altimeter S | | Cleaned air ble | ed valve |
| POS. TRIP | B | NVERTED MONITOR | R VALUES | 02 0/11 1010 (2) | / | SAMPLE BOTT | TLE NUMBER | · · · · · · · · · · · · · · · · · · · |
| DEPTH (m) | | | | | | | | |
| PRESS | URE PRI. TEMP. | SEC. TEMP. | PRI, SALINITY | SEC. SALINIT | Y SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
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| VESSEL NOAA Ship O | scar Dyson | | PROJECT & I | LEG }-06-芷 | | | | IGNATION -CD3 | |
|--|------------------------|---------------------------|----------------------------|------------------------------|--------------------|-------------------------|---|------------------------|----------------------------|
| CONSC CAST# DEG | LATITUDE MIN 37.06 N | LONGITUDE DEG MIN | DATE JD= DAY MO YR W/40717 | TIME (A (GMT) TEM HR MIN (°C | | | (gty) (cty) (amt) (cty) (cty) (amt) (cty) | BOTTOM DEPTH (m) | STA. NAME/ID |
| CTD | | TIMES JD/ | TIME | 1 | DATA LOCATIO | V | REMAR | KS | |
| TYPE & SN | | DATA ON | | Tape/Diskette/D | VD ID File N | ame/Header | | | |
| PRESS SN | 9+ S/N 0772 | START DOWN | | | CTD | | _ | | |
| PRI COND SN | 4C S/N 2985 | AT DEPTH | | | <u></u> | | _ | | |
| PRI TEMP SN | 3+ S/N 2376 | AT SURFACE | | | | | MAX. DE | PTH = 41.2 | <u> </u> |
| SEC COND SN | 4C S/N 3127 | | _ | | | 3 | | 1 | |
| SEC TEMP SN | 3+ S/N 4379 | X PAR S/N 70296 | pH S/N ISUS S/N | | X O2 S/N 1961(1°) | X Trans S/N Altimeter S | | Cleaned air ble | ed valve |
| POS. TRIP | | X FLUORO S/N 205 CTD C | 7 ONVERTED MONITOR | R VALUES | ^ O2 S/N 1875 (2°) | X | SAMPLE BOTT | LE NUMBER | |
| DEPTH | | | | | | | | | |
| | PRESSUF | RE PRI. TEMP. | SEC. TEMP. | PRI. SALINITY | SEC. SALINITY | SAL. NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL |
| 1 | 3.2_ | | | | | | | | |
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| VESSEL NOAA Ship <i>Oscar Dyson</i> | | | | | PROJECT 8 DY-17- | LEG -06-L2 | 06-12 | | | | STATION DESIGNATION | | | |
|--|--------|------------------------|--------|------------------|--|-----------------------------|---------------------------------------|-----------------------------|----------------------------------|-------------------------------|-------------------------------------|-------------|----------------------------|--|
| | DEG | ATITUDE MIN | DEG | | 196 DATE JD= DAY MO YF W 15 07 /3 | TIME (GMT) | RY BULB (AIR TEMP) (°C) | RELATIVE HUMIDITY (%) | (gm) PRESSURE を STATE VISIBILITY | TRUE WIND DIR. (deg) | TRUE DONN WILLYPE (kts) * * * | (m) | STA. NAME/ID | |
| | 20 | 35 . 27 N | | 30.48 | | 12 25 1 | 1.8 | <u> </u> | | 7 (0 | | | 700 | |
| | | | TIMES | |)/TIME | DATA LOCATION | | | | | REMARKS | | | |
| | | | DATA C | | | Tape/Diskett | Tape/Diskette/DVD ID File Name/Header | | | | | | | |
| | | | START | DOWN | | | CTD | | | | | | | |
| PRI COND SN 4C S/N 2985 | | | AT DEF | PTH | | | | | | | | | | |
| PRI TEMP SN 3+ S/N 2376 | | | AT SUF | RFACE | | | | | | | MAX. D | DEPTH = 130 | <u> </u> | |
| SEC COND | OSN 40 | C S/N 3127 | | | · · | | | | | | - | - | • | |
| SEC TEMP SN 3+ S/N 4379 | | X PAR S/N 70296 pH S/N | | | | X O2 S/N 1961(1º) X Trans S | | | | | | | | |
| | | | ΧF | LUORO S/N 20 | | | X o | 2 S/N 1875 (2 | °) X ^{Alti} | meter S | N 47408 | | | |
| POS. TRIP DEPTH (m) | | | CTD (| CONVERTED MONITO | ₹ VALUES | | | | SAMPLE BOTTLE NUMBER | | | | | |
| | (111) | | | | | | | | | | | | | |
| | | PRESSUF | RE | PRI. TEMP. | SEC. TEMP. | PRI. SALIN | ITY | SEC. SALINI | TY SAL | NO. | OXYGEN NO. | CHL (ml) | APPROX. FLUORO LEVEL | |
| 1 | | N.S- | | | | | | | | | | | | |
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