**SAMPLING LOG**

**CRUISE: Peteropods and $CO_2$, R/V Tioga, October 2014**

Date 4 Nov 2014
Station # 2
Cast # 1
Bottom Depth (m) ~~257~~ 2

Latitude 42° 21.8655
Longitude 69° 47.6641
Time Deployed (GMT, local) 955 local
Time Recovered (GMT, local) _____

| Rosette Bottle # | Depth (m) | Temp | Salinity | DO (ml/L) | DIC/TA | Nutrients | Comments | Trans (%) |
|---|---|---|---|---|---|---|---|---|
| 1 | 268 | ~~7~~.32 | 34.08 | 6.2 | GMC ~~171~~ V | 220 | | 53.8 |
| 2 | 248 | 7.17 | 34.09 | 6.36 | | | NOT FIRE | 83.2 |
| 3 | 230 | 6.95 | 33.911 | 6.53 | 170 V | 221 | | 86.2 |
| 4 | 220 | 6.8 | 33.85 | 6.74 | 172 V | 222 | | 90.68 |
| 5 | 200 | 6.74 | 33.78 | 6.71 | 173 V | ~~22~~3 | | 86.96 |
| 6 | 175 | 5.92 | 33.52 | ~~7~~.44 | 174 V | 224 | | 92.74 |
| 7 | 150 | 6.53 | 33.46 | 7.10 | 175 V | 225 | | 90.18 |
| 8 | 100 | 6.79 | 33.30 | 7.41 | 176 | 226 | | 94.00 |
| 9 | 75 | 9.54 | 36.34 | 6.66 | 177/178 | 227 | | 93.76 |
| 10 | 50 | 10.58 | 36.65 | 8.55 | 179 | 228 | | 90.29 |
| 11 | 25 | 10.48 | 32.94 | 8.49 | 180 | 229 | | 91.47 |
| 12 | 0 | 11.31 | 32.96 | 8.38 | 181 | 230 | | 90.15 |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
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| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |

195

**SAMPLING LOG**

**CRUISE: Peteropods and $CO_2$, R/V Tioga, October 2014**

Date 6 Nov 14
Station # RACE POINT
Cast # 2
Bottom Depth (m) 58.4

Latitude 42 06.8374
Longitude ~~130~~ 70 12.1157
Time Deployed (GMT, local) 1306 LOCAL
Time Recovered (GMT, local) 1320 LOCAL

| Rosette Bottle # | Depth (m) | Temp | Salinity | DO (ml/L) | DIC/TA | Nutrients | Comments |
|---|---|---|---|---|---|---|---|
| 1 | 55 | 11.47 | 32.61 | 8.17 | 160 | 231 | |
| 2 | 45 | 11.65 | 32.33 | 8.25 | 161 | 232 | |
| 3 | 35 | 11.82 | 32.26 | 8.26 | 162 | 233 | |
| 4 | 25 | 11.87 | 32.23 | 8.22 | 163/167 | 234 | |
| 5 | 15 | 11.91 | 32.18 | 8.27 | 164 | 235 | |
| 6 | 5 | 11.90 | 32.16 | 8.30 | 165 | 236 | |
| 7 | 0 | 11.94 | 32.11 | 8.25 | 166 | 237 | |
| 8 | | | | | | | within 3-9 tripped but we didn't sample those, were on tripped depths |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
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| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |

TRANS

—
-87.62
-85.53
-84.43
-84.06
-83.61
-82.95