CTD Hydrocast Log Sheet — CO2/CLIVAR A16S Jan 11- Feb 24, 2005

Sample cop: SCD

STA #: 40 Cast 1 CTD# 315 Date: 1/28/05 Time (Local) Start 0250 End: 0400

| Rosette Bottle | Nom. Depth (m) | CFC (0.5) | He (0.5) | O2 (0.5) | O2 draw Temp (0.5) | HCFC (1.2) | pCO2 (1.5) | DIC (0.25) | pH (1.5) | Alk (0.8) | 14C (1.2) | Tritium (0.2) | DOC (0.2) | CDOM POC (1.5) | PIC/ (0.3) | Salts (0.25) | Nuts |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4560 | 5565 | | 41 | 2.9 | 1 | | B1 | 1 | 1 | | | | | 7 | 1001 | 1/73 |
| 2 | 4250 | 7730 | | 42 | 3.0 | X | | B2 | 2 | 2 | | | | | 17 | 1002 | 2 |
| 3 | 3950 | 7620A | | 43 | 3.2 | 2 | | C1 | 3 | 3 | | | | | X | 1003 | 3 |
| 4 | 3650 | X | | 70 | 3.6 | X | | X | X | X | | | | | X | 1004 | 4 |
| 5 | 3350 | X | | 45 | 3.6 | X | | X | X | X | | | | | X | 1005 | 5 |
| 6 | 3050 | X | | 44 | 3.8 | 3 | | X | X | X | | | | | 12 | 1006 | 6 |
| 7 | 2750 | X | | 46 | 4.3 | X | | X | X | X | | | | | X | 1007 | 7 |
| 8 | 2500 | 9833 | | 47 | 4.6 | X | | X | X | X | | | | | 18 | 1008 | 8 |
| 9 | 2300 | X | | 48 | 4.6 | 4 | | X | X | X | | | | | X | 1009 | 9 |
| 10 | 2100 | X | | 49 | 4.9 | X | | X | X | X | | | | | 10 | 1010 | 10 |
| 11 | 1900 | X | | ~~167~~ | | X | | X | X | X | | | | | X | 1011 | 11 |
| 12 | 1900 | X | | 167 | 5.7 | 5 | | X | X | X | | | | | X | 1012 | 12 |
| 13 | 1700 | X | | 51 | 5.0 | X | | X | X | X | | | | | X | 1013 | 13 |
| 14 | 1500 | 9840 | | 52 | 5.1 | X | | C2 | 4 | 14 | | | | | 19 | 1014 | 14 |
| 15 | 1300 | X | | 53 | 5.1 | 6 | | C3 | 5 | 15 | | | | | X | 1015 | 15 |
| 16 | 1100 | 7689 | | 54 | 5.4 | X | | C4 | 6 | 16 | | | | | X | 1016 | 16 |
| 17 | 1000 | 5567 | | 55 | 5.4 | X | | C5 | 7 | 17 | | | | | X | 1017 | 17 |
| 18 | 900 | X | | 56 | 5.5 | 7 | | C6 | 8 | 18 | | | | | 11 | 1018 | 18 |
| 19 | 800 | X | | 58 | 5.6 | X | | X | X | X | | | | | X | 1019 | 19 |
| 20 | 700 | X | | 59 | 5.9 | X | | X | X | X | | | | | X | 1020 | 20 |
| 21 | 600 | X | | 60 | 6.1 | 8 | | X | X | X | | | | | X | 1021 | 21 |
| 22 | 500 | 9836 | | 57 | 6.4 | X | | C7 | 9 | 22 | | | | | 13 | 1022 | 22 |
| 23 | 400 | X | | 165 | 6.9 | X | | X | X | X | | | | | X | 1023 | 23 |
| 350 24 | [illegible] | X | | 79 | 7.3 | 9 | | X | X | X | | | | | X | 1024 | 24 |
| 25 | 300 | X | | 78 | 7.7 | X | | X | X | X | | | | | 1 | 1025 | 25 |
| 26 | 250 | 9884 | | 164 | 8.3 | X | | C8 | 10 | 26 | | | | | X | 1026 | 26 |
| 27 | 200 | X | | 163 | 9.0 | 10 | | X | X | X | | | | | 18 | 1027 | 27 |
| 28 | 175 | X | | 77 | 9.5 | X | | X | X | X | | | | | 4 | 1028 | 28 |
| 29 | 150 | X | | 76 | 10.0 | 11 | | X | X | X | | | | | 5 | 1029 | 29 |
| 30 | 125 | 5573 | | 75 | 10.9 | X | | C9 | 11 | 30 | | | | | 14 | 1030 | 30 |
| 31 | 100 | X | | 74 | 11.5 | X | | X | X | X | | | | | 15 | 1031 | 31 |
| 32 | 80 | X | | 73 | 11.9 | 12 | | X | X | X | | | | | 9 | 1032 | 32 |
| 33 | 60 | X | | 72 | 12.7 | X | | C10 | 12 | 33 | | | | | 20 | 1033 | 33 |
| 34 | 40 | 984 | | 71 | 13.8 | 13 | | C11 | 13 | 34 | | | | | 3 | 1034 | 34 |
| 35 | 20 | X | | 40 | 14.1 | 14 | | C12 | 14 | 35/37 | | | | | X | 1035 | 35 |
| 36 | Surf | 7695A | | 39 | 14.1 | 15 | | C13 CD1 | 15 | 36 | | | | | 16 | 1036 | 36 |
| Sampler | | JB | | CL | | BK | | BC | MT | MC | | | | | AT | DW | CM |

Comments: JB

bottom lanyard of bottle 11 hooked on recovery - no $O_2$ sampled, air leaking

8 dups for $O_2$ on bottle 4 70, 69, 68, 64, 63, 62, 61, 65