

Lat : 3° 30.022' S  
 Lon : 3° 0.022' W

| A13.5_2010 Sample Log NOAA Ship Ronald H. Brown |       |            |         |          |          |         |       | EXPO Code 33RO21010308 |        |      |     |         |      |        | MH       |         |  |
|---|-------|------------|---------|----------|----------|---------|-------|------------------------|--------|------|-----|---------|------|--------|----------|---------|--|
| Station/Cast                                    |       | Sampling   |         | Sampling |          | Bottom  |       |                        |        |      |     |         |      |        |          |         |  |
|   |       | Start(UTC) | Date    | Time     | End(UTC) | Date    | Time  | Depth                  | C14Box |      |     |         |      |        | NutBox   | SaltBox |  |
| 102 1   |       |            | 4/11/10 | 18:55    |          | 4/11/10 | 19:10 | 7816                   |        |      |     |         |      |        | Blue     | 700     |  |
|   |       |            |         |          |          |         |       |                        |        |      |     |         |      |        |          |         |  |
| Niskin  |       | CFC        |         | Helium   | Oxygen   | Oxygen  |       |                        |        |      |     |         |      |        | Nut      | Salt    |  |
| Number  | Press | Syringe    | Tube    | Flask    | Temp     | pH      | pCO2  | ✓ DIC                  | Alk    | C-14 | DOC | Tritium | Tube | Bottle | Comments |         |  |
| 4901 1  | 6-10  | 632 ✓      |         | 41 ✓     | 5.4      | 1 ✓     | 6 ✓   | 61.625                 | 10.5   |      |     |         | 1 ✓  | 701 ✓  |          |         |  |
| 2   | 4400  |            |         | 82 ✓     | 5.4      | 2 ✓     | 7.8 ✓ | 62.2                   | 12 ✓   |      |     |         | 2 ✓  | 702 ✓  | 203 ✓    |         |  |
| 3   | 4000  |            |         | 43 ✓     | 5.7      | 3 ✓     | 9 ✓   | 63.3                   | 13 ✓   |      |     |         | 3 ✓  | 703 ✓  |          |         |  |
| 4   | 3600  | 295 ✓      |         | 44 ✓     | 6.1      | 4 ✓     | 11 ✓  | 64.4                   | 14 ✓   |      |     |         | 4 ✓  | 704 ✓  |          |         |  |
| 5   | 3200  |            |         | 45 ✓     | 6.2      | 5 ✓     | 12 ✓  | 65.5                   | 15 ✓   |      |     |         | 5 ✓  | 705 ✓  |          |         |  |
| 6   | 2800  |            |         | 46 ✓     | 6.5      | 6 ✓     | 13 ✓  | 66.6                   | 16 ✓   |      |     |         | 6 ✓  | 706 ✓  |          |         |  |
| 7   | 2400  | 417 ✓      |         | 47 ✓     | 7.0      | 7 ✓     | 14 ✓  | 67.7                   | 17 ✓   |      |     |         | 7 ✓  | 707 ✓  |          |         |  |
| 8   | 2000  |            |         | 48 ✓     | 7.2      | 8 ✓     | 15 ✓  | 68.8                   | 18 ✓   |      |     |         | 8 ✓  | 708 ✓  |          |         |  |
| 9   | 1700  |            |         | 49 ✓     | 7.6      | 9 ✓     | 16 ✓  | 69.9                   | 19 ✓   |      |     |         | 9 ✓  | 709 ✓  |          |         |  |
| 10  | 1400  | 433 ✓      |         | 50 ✓     | 8.4      | 10 ✓    | 17 ✓  | 71.0                   | 20 ✓   |      |     |         | 10 ✓ | 710 ✓  |          |         |  |
| 11  | 1100  |            |         | 51 ✓     | 8.3      | 11 ✓    | 18 ✓  | 71.1                   | 21 ✓   |      |     |         | 11 ✓ | 711 ✓  |          |         |  |
| 12  | 800   | 2711 ✓     |         | 52 ✓     | 9.0      | 12 ✓    | 19 ✓  | 71.2                   | 22 ✓   |      |     |         | 12 ✓ | 712 ✓  |          |         |  |
| 13  | 650   |            |         | 53 ✓     | 10.0     | 13 ✓    | 20 ✓  | 71.3                   | 23 ✓   |      |     |         | 13 ✓ | 713 ✓  |          |         |  |
| 14  | 550   | 722 ✓      |         | 54 ✓     | 10.9     | 14 ✓    | 21 ✓  | 71.4                   | 24 ✓   |      |     |         | 14 ✓ | 714 ✓  |          |         |  |
| 15  | 475   |            |         | 55 ✓     | 11.4     | 15 ✓    | 22 ✓  | 71.5                   | 25 ✓   |      |     |         | 15 ✓ | 715 ✓  |          |         |  |
| 16  | 400   | 235 ✓      |         | 56 ✓     | 12.4     | 16 ✓    | 23 ✓  | 71.6                   | 26 ✓   |      |     |         | 16 ✓ | 716 ✓  |          |         |  |
| 17  | 325   | 294 ✓      |         | 57 ✓     | 14.1     | 17 ✓    | 24 ✓  | 71.7                   | 27 ✓   |      |     |         | 17 ✓ | 717 ✓  |          |         |  |
| 18  | 250   | 613 ✓      |         | 58 ✓     | 15.8     | 18 ✓    | 25 ✓  | 71.8                   | 28 ✓   |      |     |         | 18 ✓ | 718 ✓  |          |         |  |
| 19  | 200   | 437 ✓      |         | 59 ✓     | 17.0     | 19 ✓    | 26 ✓  | 71.9                   | 29 ✓   |      |     |         | 19 ✓ | 719 ✓  |          |         |  |
| 20  | 150   | 596 ✓      |         | 60 ✓     | 17.8     | 20 ✓    | 27 ✓  | 72.0                   | 30 ✓   |      |     |         | 20 ✓ | 720 ✓  |          |         |  |
| 21  | 90    | 580 ✓      |         | 61 ✓     | 18.4     | 21 ✓    | 28 ✓  | 72.1                   | 31 ✓   |      |     |         | 21 ✓ | 721 ✓  |          |         |  |
| 22  | 50    | 585 ✓      |         | 62 ✓     | 19.4     | 22 ✓    | 29 ✓  | 72.2                   | 32 ✓   |      |     |         | 22 ✓ | 722 ✓  |          |         |  |
| 23  | 20    |            |         | 63 ✓     | 25.7     | 23 ✓    | 31 ✓  | 72.3                   | 33 ✓   |      |     |         | 23 ✓ | 723 ✓  |          |         |  |
| 24  | 5     | 753 ✓      |         | 64 ✓     | 28.1     | 24 ✓    | 32 ✓  | 72.4                   | 34 ✓   |      |     |         | 24 ✓ | 724 ✓  |          |         |  |
| Sampler Initials                                |       | CL GHP     |         |          |          |         |       |                        |        |      |     |         |      |        |          |         |  |