

Table 1. Data on each of 139 tows made widely in northwest North Atlantic in 1970s. For cruise number, A0: Atlantis, A1: Atlantis I, A2: Atlantis II, C: Chain, EN: Endeavor, G: Gosnold, K: Knorr, O: Oceanus. For tow number, MOC1: MOCNESS, MTRN: Meter net, BNGO: bongo net. For area, SW: Slope Water, NSS: northern Sargasso Sea, CCR: cold-core ring, SSS: southern Sargasso Sea, GS: Gulf Stream, MEA: meander, WCR: warm-core ring.

| No. | Cruise | Tow     | Month | Day | Year | Local time |        | Latitude (°N) | Longitude (°W) | Area | Max depth sampled (m) |
|-----|--------|---------|-------|-----|------|------------|--------|---------------|----------------|------|-----------------------|
|     |        |         |       |     |      | Hour       | Minute |               |                |      |                       |
| 1   | A085   | 006MOC1 | 10    | 21  | 74   | 12         | 30     | 38.59         | 69.17          | SW   | 800                   |
| 2   | A101   | 001MTRN | 6     | 23  | 78   | 21         | 37     | 40.07         | 61.04          | SW   | 800                   |
| 3   | A271   | 003MTRN | 9     | 22  | 72   | 2          | 55     | 38.23         | 69.28          | SW   | 1100                  |
| 4   | A271   | 050MTRN | 10    | 14  | 72   | 16         | 11     | 39.48         | 69.15          | SW   | 800                   |
| 5   | C125   | 019MOC1 | 8     | 15  | 75   | 21         | 0      | 38.06         | 70.12          | SW   | 800                   |
| 6   | C125   | 020MOC1 | 8     | 16  | 75   | 21         | 30     | 39.06         | 70.12          | SW   | 800                   |
| 7   | C125   | 021MOC1 | 8     | 17  | 75   | 9          | 50     | 39.05         | 70.12          | SW   | 800                   |
| 8   | C125   | 018MOC1 | 8     | 15  | 75   | 12         | 0      | 38.05         | 70.01          | SW   | 800                   |
| 9   | EN11   | 092MOC1 | 8     | 15  | 77   | 20         | 38     | 38.19         | 68.59          | SW   | 1000                  |
| 10  | EN11   | 093MOC1 | 8     | 16  | 77   | 8          | 50     | 38.31         | 68.52          | SW   | 1000                  |
| 11  | G001   | 003MTRN | 6     | 12  | 72   | 12         | 0      | 39.30         | 71.00          | SW   | 750                   |
| 12  | G001   | 007MTRN | 6     | 12  | 72   | 12         | 0      | 39.30         | 71.00          | SW   | 700                   |
| 13  | G001   | 012MTRN | 6     | 14  | 72   | 12         | 0      | 39.30         | 71.00          | SW   | 700                   |
| 14  | G002   | 001MTRN | 10    | 15  | 72   | 12         | 0      | 39.49         | 71.34          | SW   | 700                   |
| 15  | K035   | 006MTRN | 12    | 2   | 73   | 19         | 30     | 35.50         | 71.30          | SW   | 800                   |
| 16  | K035   | 001BNGO | 11    | 24  | 73   | 21         | 10     | 38.01         | 70.14          | SW   | 750                   |
| 17  | K038   | 029MTRN | 4     | 3   | 74   | 19         | 10     | 39.37         | 69.50          | SW   | 700                   |
| 18  | K038   | 027MTRN | 4     | 3   | 74   | 4          | 53     | 38.05         | 68.50          | SW   | 920                   |
| 19  | K038   | 028MTRN | 4     | 3   | 74   | 5          | 52     | 38.04         | 68.50          | SW   | 700                   |
| 20  | K038   | 023MTRN | 4     | 2   | 74   | 3          | 4      | 38.05         | 67.52          | SW   | 750                   |
| 21  | K038   | 025MTRN | 4     | 2   | 74   | 4          | 0      | 38.05         | 67.51          | SW   | 870                   |
| 22  | K053   | 041MOC1 | 11    | 30  | 75   | 19         | 7      | 39.59         | 69.01          | SW   | 800                   |
| 23  | K053   | 042MOC1 | 12    | 1   | 75   | 8          | 25     | 39.59         | 68.57          | SW   | 800                   |
| 24  | K053   | 035MOC1 | 11    | 27  | 75   | 19         | 39     | 38.56         | 67.47          | SW   | 800                   |
| 25  | K053   | 037MOC1 | 11    | 28  | 75   | 10         | 39     | 38.55         | 67.46          | SW   | 800                   |
| 26  | K062   | 057MOC1 | 12    | 19  | 76   | 23         | 0      | 38.46         | 68.56          | SW   | 1000                  |
| 27  | K062   | 058MOC1 | 12    | 20  | 76   | 12         | 25     | 38.48         | 68.55          | SW   | 1000                  |
| 28  | K065   | 076MOC1 | 4     | 30  | 77   | 7          | 7      | 39.24         | 69.41          | SW   | 1000                  |
| 29  | K065   | 075MOC1 | 4     | 29  | 77   | 21         | 7      | 39.29         | 69.27          | SW   | 1000                  |
| 30  | K065   | 073MOC1 | 4     | 28  | 77   | 10         | 44     | 38.20         | 67.42          | SW   | 1000                  |
| 31  | K071   | 096MOC1 | 10    | 23  | 77   | 9          | 30     | 38.26         | 72.03          | SW   | 1000                  |
| 32  | K071   | 097MOC1 | 10    | 23  | 77   | 22         | 3      | 38.37         | 71.54          | SW   | 1000                  |
| 33  | K071   | 117MOC1 | 11    | 16  | 77   | 11         | 17     | 39.33         | 65.51          | SW   | 1000                  |
| 34  | K071   | 116MOC1 | 11    | 15  | 77   | 19         | 33     | 39.35         | 65.47          | SW   | 1000                  |
| 35  | A271   | 048MTRN | 10    | 12  | 72   | 22         | 41     | 35.25         | 63.34          | NSS  | 980                   |
| 36  | A271   | 027MTRN | 10    | 1   | 72   | 18         | 11     | 31.53         | 63.42          | NSS  | 840                   |
| 37  | A271   | 024MTRN | 9     | 28  | 72   | 18         | 10     | 33.41         | 65.44          | NSS  | 805                   |
| 38  | A271   | 018MTRN | 9     | 27  | 72   | 4          | 45     | 36.23         | 68.27          | NSS  | 790                   |
| 39  | A271   | 016MTRN | 9     | 26  | 72   | 21         | 30     | 36.40         | 67.54          | NSS  | 970                   |
| 40  | A271   | 007MTRN | 9     | 24  | 72   | 22         | 45     | 35.16         | 68.28          | NSS  | 840                   |
| 41  | C111   | 007BNGO | 2     | 12  | 73   | 3          | 15     | 35.26         | 60.04          | NSS  | 750                   |
| 42  | C111   | 006MTRN | 2     | 11  | 73   | 13         | 50     | 34.47         | 58.38          | NSS  | 905                   |
| 43  | C125   | 002MOC1 | 8     | 4   | 75   | 23         | 0      | 35.32         | 68.31          | NSS  | 800                   |
| 44  | C125   | 004MOC1 | 8     | 4   | 75   | 14         | 50     | 35.21         | 68.17          | NSS  | 800                   |
| 45  | C125   | 013MOC1 | 8     | 11  | 75   | 13         | 0      | 34.11         | 71.40          | NSS  | 800                   |
| 46  | EN11   | 082MOC1 | 8     | 6   | 77   | 9          | 1      | 34.29         | 70.58          | NSS  | 1000                  |
| 47  | EN11   | 081MOC1 | 8     | 5   | 77   | 20         | 23     | 34.30         | 70.37          | NSS  | 1000                  |
| 48  | EN11   | 080MOC1 | 8     | 2   | 77   | 23         | 27     | 33.40         | 73.09          | NSS  | 1000                  |
| 49  | EN11   | 079MOC1 | 8     | 2   | 77   | 9          | 10     | 33.38         | 73.13          | NSS  | 1000                  |
| 50  | K035   | 005MTRN | 12    | 1   | 73   | 23         | 50     | 37.04         | 67.47          | NSS  | 880                   |
| 51  | K038   | 021MTRN | 3     | 30  | 74   | 4          | 24     | 36.50         | 64.35          | NSS  | 800                   |
| 52  | K038   | 019MTRN | 3     | 29  | 74   | 3          | 40     | 35.58         | 64.24          | NSS  | 770                   |

Table 1. Continued.

| No. | Cruise | Tow     | Month | Day | Year | Local time |        | Latitude (°N) | Longitude (°W) | Area | Max depth<br>sampled (m) |
|-----|--------|---------|-------|-----|------|------------|--------|---------------|----------------|------|--------------------------|
|     |        |         |       |     |      | Hour       | Minute |               |                |      |                          |
| 70  | A271   | 011MTRN | 9     | 25  | 72   | 22         | 42     | 35.35         | 67.17          | CCR  | 930                      |
| 71  | A271   | 005MTRN | 9     | 24  | 72   | 4          | 14     | 35.11         | 67.30          | CCR  | 800                      |
| 72  | C111   | 013BNGO | 2     | 14  | 73   | 21         | 30     | 36.08         | 62.26          | CCR  | 750                      |
| 73  | C111   | 010BNGO | 2     | 13  | 73   | 20         | 0      | 36.34         | 62.07          | CCR  | 750                      |
| 74  | C125   | 005MOC1 | 8     | 7   | 75   | 21         | 0      | 34.29         | 69.56          | CCR  | 800                      |
| 75  | C125   | 011MOC1 | 8     | 10  | 75   | 8          | 30     | 34.31         | 69.31          | CCR  | 700                      |
| 76  | EN11   | 090MOC1 | 8     | 14  | 77   | 8          | 2      | 34.45         | 71.59          | CCR  | 1000                     |
| 77  | EN11   | 089MOC1 | 8     | 12  | 77   | 23         | 30     | 34.33         | 71.42          | CCR  | 1000                     |
| 78  | EN11   | 087MOC1 | 8     | 9   | 77   | 8          | 25     | 34.35         | 71.55          | CCR  | 1000                     |
| 79  | EN11   | 086MOC1 | 8     | 8   | 77   | 1          | 22     | 35.00         | 71.56          | CCR  | 1000                     |
| 80  | EN11   | 085MOC1 | 8     | 7   | 77   | 20         | 52     | 34.54         | 71.55          | CCR  | 1000                     |
| 81  | EN11   | 084MOC1 | 8     | 7   | 77   | 8          | 0      | 34.29         | 71.50          | CCR  | 1000                     |
| 82  | EN11   | 083MOC1 | 8     | 6   | 77   | 20         | 52     | 34.27         | 71.41          | CCR  | 1000                     |
| 83  | EN11   | 078MOC1 | 8     | 1   | 77   | 17         | 0      | 34.25         | 71.29          | CCR  | 1000                     |
| 84  | EN11   | 077MOC1 | 7     | 31  | 77   | 22         | 25     | 34.30         | 71.34          | CCR  | 1000                     |
| 85  | K035   | 004MTRN | 11    | 28  | 73   | 22         | 0      | 36.17         | 72.06          | CCR  | 700                      |
| 86  | K035   | 002BNGO | 11    | 27  | 73   | 23         | 0      | 35.55         | 71.42          | CCR  | 750                      |
| 87  | K038   | 020MTRN | 3     | 29  | 74   | 5          | 23     | 35.51         | 61.20          | CCR  | 750                      |
| 88  | K038   | 017MTRN | 3     | 27  | 74   | 4          | 37     | 35.43         | 61.01          | CCR  | 860                      |
| 89  | K038   | 016MTRN | 3     | 26  | 74   | 19         | 19     | 35.27         | 61.19          | CCR  | 800                      |
| 90  | K053   | 034MOC1 | 11    | 24  | 75   | 11         | 30     | 34.12         | 70.30          | CCR  | 1000                     |
| 91  | K053   | 029MOC1 | 11    | 21  | 75   | 20         | 8      | 33.55         | 71.50          | CCR  | 800                      |
| 92  | K053   | 027MOC1 | 11    | 21  | 75   | 9          | 59     | 33.47         | 72.04          | CCR  | 800                      |
| 93  | K062   | 056MOC1 | 12    | 16  | 76   | 22         | 8      | 36.51         | 65.45          | CCR  | 850                      |
| 94  | K062   | 055MOC1 | 12    | 16  | 76   | 18         | 30     | 36.52         | 65.45          | CCR  | 1000                     |
| 95  | K062   | 052MOC1 | 12    | 10  | 76   | 19         | 40     | 36.19         | 65.17          | CCR  | 1000                     |
| 96  | K062   | 048MOC1 | 12    | 6   | 76   | 20         | 5      | 35.59         | 65.47          | CCR  | 1000                     |
| 97  | K062   | 047MOC1 | 12    | 5   | 76   | 13         | 51     | 36.11         | 65.29          | CCR  | 1000                     |
| 98  | K062   | 045MOC1 | 12    | 4   | 76   | 22         | 43     | 36.12         | 65.33          | CCR  | 1000                     |
| 99  | K065   | 072MOC1 | 4     | 24  | 77   | 9          | 10     | 36.38         | 66.39          | CCR  | 1000                     |
| 100 | K065   | 071MOC1 | 4     | 23  | 77   | 21         | 21     | 36.31         | 66.40          | CCR  | 1000                     |
| 101 | K065   | 070MOC1 | 4     | 21  | 77   | 21         | 34     | 36.32         | 68.00          | CCR  | 1000                     |
| 102 | K065   | 069MOC1 | 4     | 21  | 77   | 19         | 3      | 36.45         | 68.34          | CCR  | 850                      |
| 103 | K065   | 067MOC1 | 4     | 19  | 77   | 19         | 5      | 36.40         | 69.46          | CCR  | 1000                     |
| 104 | K065   | 066MOC1 | 4     | 19  | 77   | 12         | 30     | 36.41         | 69.48          | CCR  | 1000                     |
| 105 | K065   | 063MOC1 | 4     | 18  | 77   | 1          | 15     | 36.49         | 69.33          | CCR  | 1000                     |
| 106 | K065   | 062MOC1 | 4     | 17  | 77   | 10         | 19     | 36.43         | 69.30          | CCR  | 1000                     |
| 107 | K071   | 114MOC1 | 11    | 13  | 77   | 1          | 58     | 37.01         | 65.52          | CCR  | 1000                     |
| 108 | K071   | 113MOC1 | 11    | 12  | 77   | 22         | 12     | 37.01         | 65.56          | CCR  | 1000                     |
| 109 | K071   | 111MOC1 | 11    | 10  | 77   |            | 23     | 36.58         | 66.19          | CCR  | 1000                     |
| 110 | K071   | 110MOC1 | 11    | 6   | 77   | 19         | 1      | 36.50         | 65.58          | CCR  | 1000                     |
| 111 | K071   | 109MOC1 | 11    | 6   | 77   | 9          | 10     | 36.44         | 66.00          | CCR  | 1000                     |
| 112 | K071   | 108MOC1 | 11    | 6   | 77   | 1          | 24     | 36.38         | 65.09          | CCR  | 1000                     |
| 113 | K071   | 103MOC1 | 11    | 3   | 77   | 22         | 43     | 36.40         | 65.53          | CCR  | 1000                     |
| 114 | K071   | 102MOC1 | 11    | 3   | 77   | 7          | 41     | 36.40         | 65.52          | CCR  | 1000                     |
| 115 | K071   | 099MOC1 | 10    | 29  | 77   | 11         | 29     | 34.52         | 70.21          | CCR  | 1000                     |
| 116 | K071   | 098MOC1 | 10    | 28  | 77   | 21         | 50     | 34.47         | 70.20          | CCR  | 1000                     |
| 117 | O007   | 001MTRN | 6     | 7   | 76   | 20         | 0      | 31.50         | 75.27          | CCR  | 1000                     |
| 118 | A271   | 040MTRN | 10    | 9   | 72   | 20         | 51     | 28.43         | 53.50          | SSS  | 850                      |
| 119 | A271   | 038MTRN | 10    | 8   | 72   |            | 45     | 27.00         | 53.56          | SSS  | 910                      |
| 120 | A271   | 036MTRN | 10    | 6   | 72   | 1          | 40     | 26.45         | 55.29          | SSS  | 870                      |
| 121 | A271   | 034MTRN | 10    | 5   | 72   | 21         | 50     | 27.43         | 56.48          | SSS  | 960                      |
| 122 | A271   | 032MTRN | 10    | 4   | 72   | 23         | 55     | 28.38         | 60.00          | SSS  | 850                      |