|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cruise/****Location** | **Area** | **St** | **Date** | **Lat (°)** | **Long (°)** | **Depth** | **Temp** | **Sal** |
| **(m)** | **(°C)**  |
| NT1005a | Kagoshima Bay | N/A | 19 May 10 | 31.6679 | N | 130.7615 | E | 198 | 16.34 | 34.10 |
| Yaizua | Suruga Bay | N/A | 05 Jul 10 | 34.8046 | N | 138.5512 | E | 400 | 8 | N/D |
| Yaizub | Suruga Bay | N/A | 29 Sep 13 | 34.8535 | N | 138.3972 | E | 400 | 6 | N/D |
| Rovinjc,d | Adriatic Sea | N/A | 24 Oct 14 | 45.0856 | N | 13.6394 | E | 20 | 19.5 | N/D |
| Rovinjc,d | Adriatic Sea | N/A | 25 Oct 14 | 45.0856 | N | 13.6394 | E | 20 | 19.7 | N/D |
| SO248d | Pacific | 17 | 29 May 16 | 54.0013 | N | 179.5813 | E | 501 | 3.63 | 34.08 |
| NIOZ jettye | Wadden Sea | N/A | 13 Apr 17 | 53.0018 | N | 4.7892 | E | Surface | 10 | N/D |
| NIOZ jettye | Wadden Sea | N/A | 14 Apr 17 | 53.0018 | N | 4.7892 | E | Surface | 10 | N/D |
| M139d | Atlantic | A1 | 12 Jul 17 | 15.8860 | N | 68.9148 | W | 2002 | 4.12 | 34.98 |
| M139 | Atlantic | A3 | 22 Jul 17 | 23.5539 | N | 48.0839 | W | 2000 | 3.68 | 35.00 |
| M139c | Atlantic | A3 | 22 Jul 17 | 23.5539 | N | 48.0839 | W | 3001 | 2.72 | 34.93 |
| M139 | Atlantic | A5\_6 | 31 Jul 17 | 10.3391 | N | 36.9600 | W | 3999 | 2.33 | 34.89 |
| M139 | Atlantic | A5\_6 | 31 Jul 17 | 10.3393 | N | 36.9618 | W | 474 | 8.56 | 34.90 |
| MOB | Southern | M2\_1 | 26 Feb 18 | 50.6160 | S | 72.0011 | E | 448 | 2.25 | 34.38 |
| MOB | Southern | M4\_1 | 02 Mar 18 | 52.6003 | S | 67.1999 | E | 3998 | 0.16 | 34.67 |
| MOB | Southern | M3\_1 | 03 Mar 18 | 50.6835 | S | 68.0621 | E | 1499 | 2.00 | 34.76 |
| MOBf | Southern | M2\_2 | 06 Mar 18 | 50.6251 | S | 72.0137 | E | 400 | 2.16 | 34.30 |
| MOBd | Southern | M1 | 08 Mar 18 | 49.8502 | S | 74.9017 | E | 2499 | 1.01 | 34.72 |
| MOB | Southern | M4\_2 | 12 Mar 18 | 52.6014 | S | 67.2010 | E | 3500 | 0.50 | 34.69 |
| MOBf | Southern | M2\_3 | 16 Mar 18 | 50.6159 | S | 72.0013 | E | 175 | 1.72 | 33.99 |
| MOBf | Southern | M3\_3 | 18 Mar 18 | 50.6877 | S | 68.0664 | E | 1498 | 2.07 | 34.76 |
| RadProf18 | North Atlantic | 12 | 21 Aug 18 | 43.0000 | N | 10.1520 | W | 2759 | 2.86 | 34.95 |
| RadProf18f | North Atlantic | 111 | 24 Aug 18 | 42.9998 | N | 14.0350 | W | 3443 | 2.63 | 34.93 |
| RadCan18f | North Atlantic | C3 | 27 Aug 18 | 43.7668 | N | 6.1672 | W | 743 | 10.23 | 35.67 |
| RadCan18 | North Atlantic | S7 | 28 Aug 18 | 43.8003 | N | 3.7830 | W | 2220 | 3.51 | 35.00 |
| RadCan18g | North Atlantic | G4 | 29 Aug 18 | 44.3330 | N | 5.6665 | W | 3930 | 2.49 | 34.91 |

St: station

N/A: not applicable

N/D: not determined

MOB: MOBYDICK, RadProf18: RADPROF201808, RadCan18: RADCAN201808

a12L incubation tank

b10L incubation bag

cComparison between ISMI incubation bottles and commercially available containers

dTests comparing complete ISMI setup and ISMI detached bottles

eExperiment using the high pressure tank at the NIOZ. Sea surface water collected with a bucket.

fIncubation under in situ vs on-deck atmospheric pressure conditions

gExperiment on mixing of substrate in the ISMI detached bottles