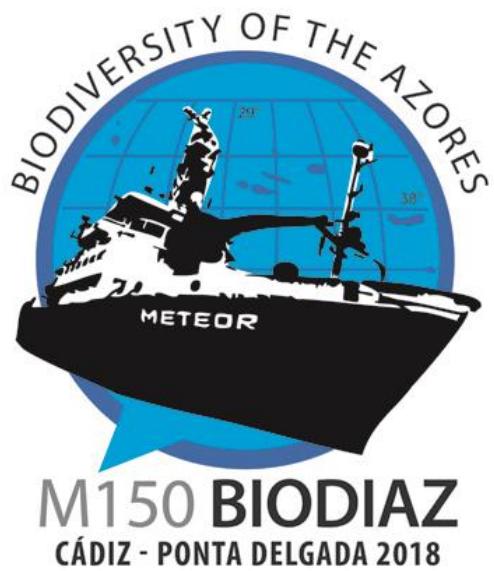


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**Short Cruise Report  
RV METEOR, M150**

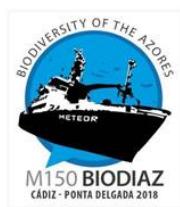
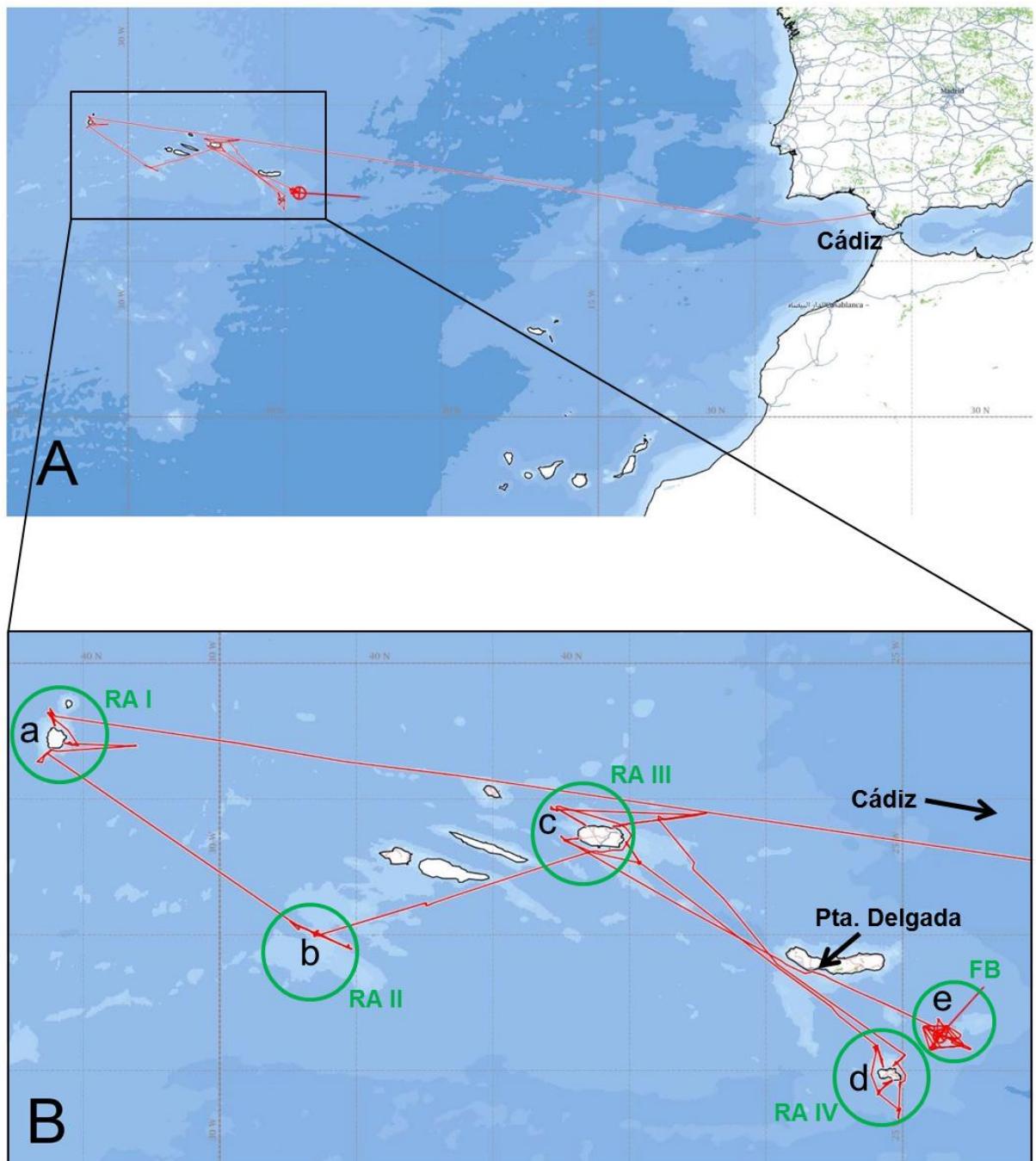


**Cádiz (Spain) – Ponta Delgada (Portugal, Azores)**

**August 27 – October 2, 2018**

**Chief Scientist: Kai Horst George**

**Captain: Detlef Korte**



**FS METEOR**  
**Cruise M150**  
**Cadiz - Ponta Delgada**  
**27.08.2018 - 03.10.2018**



**Figure 1** M150 cruise track (A) and study sites at the Azores Archipelago (B). a. Research Area (RA) I, Flores; b. RA II, Princess Alice Bank; c. RA III, Terceira; d. RA IV, Sta. Maria; e. Formigas Bank.

## Objectives

One special aspect of the planned investigations on seamount and island productivity and their potential role for the distribution of marine species and the establishment of particular benthic assemblages is that all size classes of benthos ranging from nanofauna ( $<20\mu\text{m}$ ) to microfauna ( $<200\mu\text{m}$ ) (Fig. 2), to meiofauna (Fig. 3), to macrofauna and to megafauna (Fig. 4) are considered. Up to our knowledge, it was the first time that all size classes have been comparatively investigated. We expect specific differences regarding the major processes influencing seamount biogeography for the different size classes. While a higher capacity for a global distribution has been postulated for the small size classes, larger organisms seem to be governed by the individual differences in pelagic and benthic live stages and individual behaviour.

Depending on their age and volcanic activity, islands can have a varying influence on the shelf sedimentation. Sedimentation on the islands' shelves is mainly controlled by erosion of cliff volcanic rocks, autochthonous carbonate production of benthic ecosystems and by primary production. Younger islands have narrow shelves and sediments are deposited further offshore during storms, depleting nearshore areas. Often, they cross the shelf edge and are lost to the island slopes. Older islands have wider shelves and consequently attenuation of the incident wave energy can happen. So, in theory we would expect these shelves to be wave-graded, i.e., the grain size of sediments should decrease with distance to the shore. These shelves should also present a higher volume of sediments due to their larger accommodation space. Moreover, storms may not be strong enough to transport sediments down to the island slopes, and sediments are retained in the shelf. In addition, the proportion of bioclastics to volcaniclastic material would increase in sediments on less volcanically active islands (Fig. 5). When islands reach the seamount stage, such as the completely submerged Princess Alice and Formigas banks, they are no longer under the influence of terrestrial processes implicating a major shift in environmental conditions.

The research cruise M150 BIODIAZ aimed an intensive sampling of biological and sedimentological material from three islands of the Azores Archipelago – Flores in the west, Terceira in the centre, and Santa Maria in the east – as well as from two seamounts (Princess Alice Bank, Formigas Bank) (Fig. 1).

The research program enclosed six major topics: (a) to achieve the biodiversity around the islands and seamounts (b) to detect whether the Azores may be characterized by a unique fauna, or if any exchange with other oceanic regions takes place, (c) to clear if there exist faunistic differences between the islands ins seamounts, or if an intra-Azorean faunistic exchange exists at least for certain taxa, (d) to record if there are differences regarding phytoplanktonic productivity around and between the islands and seamounts, (e) to prove if the seamounts do influence the benthic and planktonic productivity, and (f) to study the influence of terrestrial erosion for the formation of the marine substrates surrounding the islands, in particular to detect the conditions in which such terrestrial influence is more and more replaced by an exclusive marine, biological formation of sediments.

For that purpose we took samples along 18 transects in selected water depths using a series of different sampling gears, i.e. different grabs and corers as well as dredges and sledges for bottom sampling, plankton nets and water samplers, and several devices for

the measurement of temperature, salinity, oxygen and other important parameters of respective water depths (Fig. 6). Two additional transects at Formigas Bank (T19, T20) served for continuous ADCP Profiles to test if tide-dependent currents may show impacts at that seamount.

## Narrative

METEOR left Cádiz at 08:00 hrs on August, 27<sup>th</sup>. During the five-day transit to Research area I (RA I; Flores Island; Fig. 1), laboratories were established and gears were prepared. Additionally, ADCP underway measurements were made (cf. Stations list), starting on August 28<sup>th</sup> and finishing when reaching transect T1 northern of Flores Island in the late evening of August 31<sup>st</sup>. At 20:30 hrs the station work begun with the first CTD cast including water sampling. Work at T1 lasted until September 2<sup>nd</sup> (01:37 hrs), enclosing 38 deployments of CTD, vertical and/or horizontal Plankton nets (PN), Henning grab (HG; 3–5 deployments per depth), Shipek grab (SG; 2–4 deployments per depth), Underwater Camera (UWC), Box Corer (BC; 1–2 deployments per depth), Agassiz Trawl (AGT), Rock Dredge (RD; only one deployment) and Epibenthic Sledge (EBS). Selected water depths were standardised for all sampling and ranged from approximately 50m, 150m, 300m, and 500m down to 896m. Grab samples were taken for obtaining sediment (BC, HG, SG) and meio- as well as nanobenthos (HG, SG), while AGT and EBS aimed to sample macro- and megabenthos. The UWC was deployed in depths between 150m and 50m to get insights into the kind of sediment for subsequent decision, which gears to deploy. Previous to the deployment of AGT and EBS, a mapping (HYDROSWEEP, PARASOUND) along the transects was undertaken to get information about the topography of the seafloor. That kind of sampling was generally adopted for transects T2–T18.

From 2<sup>nd</sup> until 4<sup>th</sup> of September, T2 and T3 were sampled. At T2, in addition to the above mentioned gears also the Multiple Corer (MUC) was deployed at 2,000m to get undisturbed deep-sea sediment and meio- as well as nanofauna. Subsequently, MUC deployments were made at almost all transects in depths >1,000m.

As we got the permission to sample also at the Formigas Bank – circumstance that was unclear before starting the cruise – , it was decided on board to cancel one of the four originally scheduled transects at each island. Thus, transect T4 at Flores Island was skipped, and so the sampling in RA I finished on September 4<sup>th</sup> at 21:59 hrs with the last BC coming back on deck from 150m water depth. Transit to RA II, i.e. the Princess Alice Bank, transect T5, lasted until the morning of the 5<sup>th</sup> of September. In RA II, T5 (05.–07.09.) and T6 (08.–09.09.) were processed according to the above mentioned sampling scheme. As Princess Alice Bank is a seamount reaching quite shallow water depths (<50m), at both transects the UWC was deployed to run a video transect from >100m towards 43m water depth, aiming to document the changes in topography and sedimentology. Due to significant damages on the BC, which inhibited its deployment at the 500m stations of T6 (but could be repaired by the vessel's locksmith and metal workers), we decided to deploy both HG and SG also at 500m water depth, which resulted quite successful and enabled us getting also sampling material from the last locations at T6. Sampling at RA II finished on September 9<sup>th</sup> at 14:17 hrs; then we steamed to RA III, that was Terceira Island. Our transit was slightly delayed due to a request to render assistance from the small fish trawler “Ana Magarida”, which suffered an engine failure

and needed to be towed to Angra do Heroísmo at Terceira. However, that action had no significant consequences on our time plan, and workings started on 10<sup>th</sup> of September (11:48 hrs) at transect T8, as T7 was skipped (see above).

Sampling at T8 lasted from 10<sup>th</sup> to 11<sup>th</sup> of September (20:53 hrs); workings at T9 started on 12.09. at 08:22 hrs and finished on 14.09. at 12:05 hrs. However, in the meantime the tropical storm “Helene” was approaching, and to avoid its impact, we decided to interrupt our sampling at Terceira Island (i.e., at transect T10) and to steam south-easterly to Santa Maria Island (RA IV), where no impact of “Helene” was expected. Transect T11 in RA IV was reached at night on September 15<sup>th</sup>, and sampling started with the first CTD cast at 01:07 hrs. After running all scheduled gears in all corresponding depths (cf. above and Stations list), sampling at transect T11 ended on 16.09. at 02:22 hrs, and we proceeded to continue at T12. There, sampling started on 16<sup>th</sup> of September at 08:10 hrs and was finished on 17.09. at 18:27 hrs. Afterwards we moved to transect T13 and started sampling with the CTD at 20:46 hrs. Work at T13 continued until September 19<sup>th</sup>, 11:48 hrs. However, on 18.09., the sampling had to be interrupted for approximately 2 hours (12:22–14:29 hrs), because a crew member had to leave the ship at Sta. Maria and return to Germany due to urgent familiar affairs.

We reached the 300m-location of transect T14 the same day at 16:00 hrs, and sampling started as always with a CTD cast at 16:12 hrs. On September 21<sup>st</sup> at 16:49 hrs the AGT as last gear at T14 came back on deck; hence, the sampling at RA IV finished.

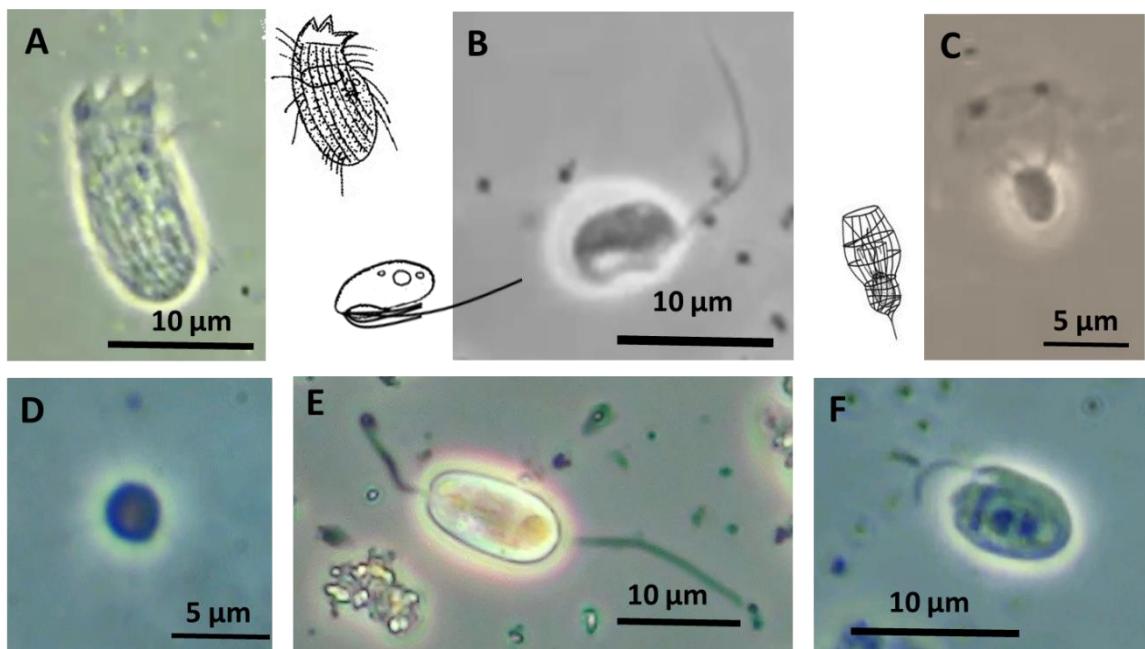
As the tropical storm “Helene” had left the north-western area of the Azores Archipelago, the interrupted sampling at Terceira was readopted. Transect T10 was worked off from September 22<sup>nd</sup>, 07:55 hrs until 23.09, 03:55 hrs. Due to the fast and efficient sampling, it was decided also to sample the originally skipped transect T7 and, if time would allow, even to return to Flores and complete the sampling there by working at transect T4 before steaming to the Formigas Bank. Nevertheless, while working at T7 (23.09., 09:21 hrs–24.09., 06:21 hrs), another disembarkation was necessary; this time, a member of the scientific staff had to leave the ship and return back home, again because of urgent familiar affairs. Thus, after finishing the sampling at T7 we steamed to Ponta Delgada at São Miguel Island, left the scientist there and continued our trip the Formigas Bank.

At Formigas, two intersecting ADCP transects were made previous to the sampling. Sampling itself started on 25<sup>th</sup> of September at 08:00 hrs at transect T15, the first out of four transects in that area (T15–T18; Fig. 7).

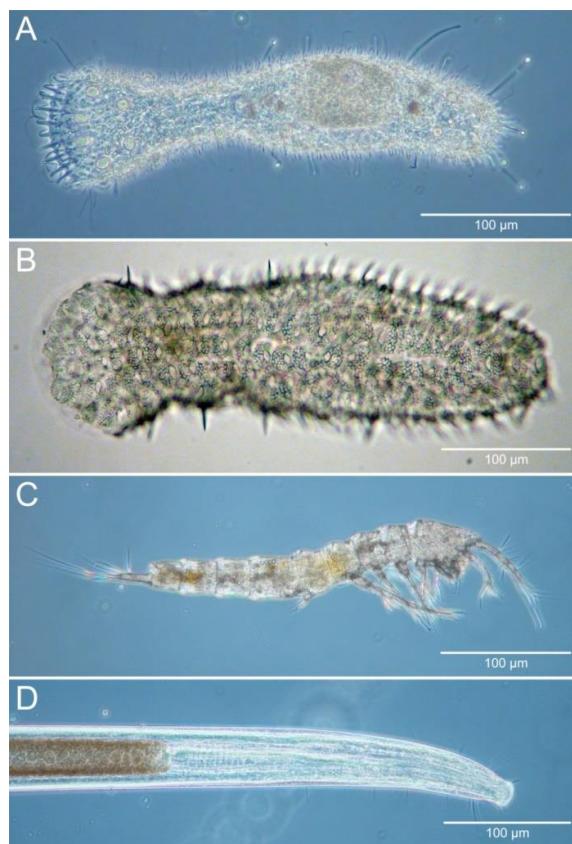
The workings at Formigas included only CTD, HG, SG, and UWC (including two video transects, one at T15, and one at T16, from ca. 150m up to 50–60m water depth). Sampling ended with the last HG coming back on deck from 304m water depth on September 29<sup>th</sup>, 16:30 hrs. Nonetheless, after finishing the sampling at transect T18, two additional transects (T19, T20) were run by turns with ADCP (Fig. 7).

That alternate ADCP measuring started on 29<sup>th</sup> of September at 17:30 hrs and ended on October 1<sup>st</sup> at 23:18 hrs. During that time, the scientific staff packed all instruments and boxes, disarmed the gears, packed the containers and cleaned all laboratories.

On October 2<sup>nd</sup> at noon, research cruise M150 BIODIAZ ended, when METEOR reached the harbour of Ponta Delgada at São Miguel Island.



**Figure 2** Examples of live nanoprotozoans from different phyla observed during the cruise. A. *Stephanopogon* (Percolozoa), B. *Percolomonas* (Percolozoa), C. *Stephanoeca* (Choanoflagellata), D. *Ministeria* (Filasteria), E. *Ploetotia* (Excavata), F. *Goniomonas* (Cryptomonada).



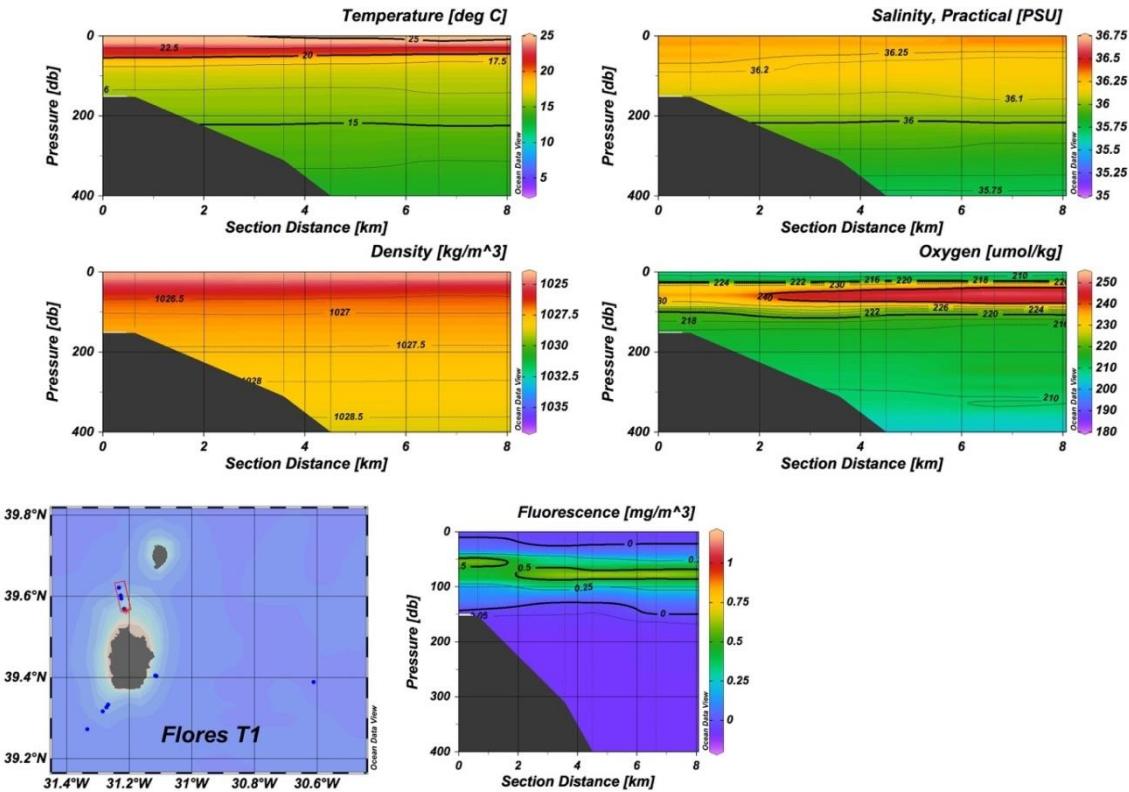
**Figure 3** Selected taxa of interstitial meiofauna that live in sublittoral sediments of the Azores. All shown specimens were extracted from Shipek Grab deployment M150\_453-1. **A** *Tetranchyroderma* sp. (Gastrotricha: Macrodasyida) in dorsal view. **B** *Diplodasys* cf. *ankeli* in dorsal view. The species *D. ankeli* is recorded from several coastal habitats of the North Atlantic Ocean! **C** An undetermined interstitial copepod of the taxon Harpacticoida in lateral view. **D** Anterior end of an undetermined interstitial species of Nematoda.



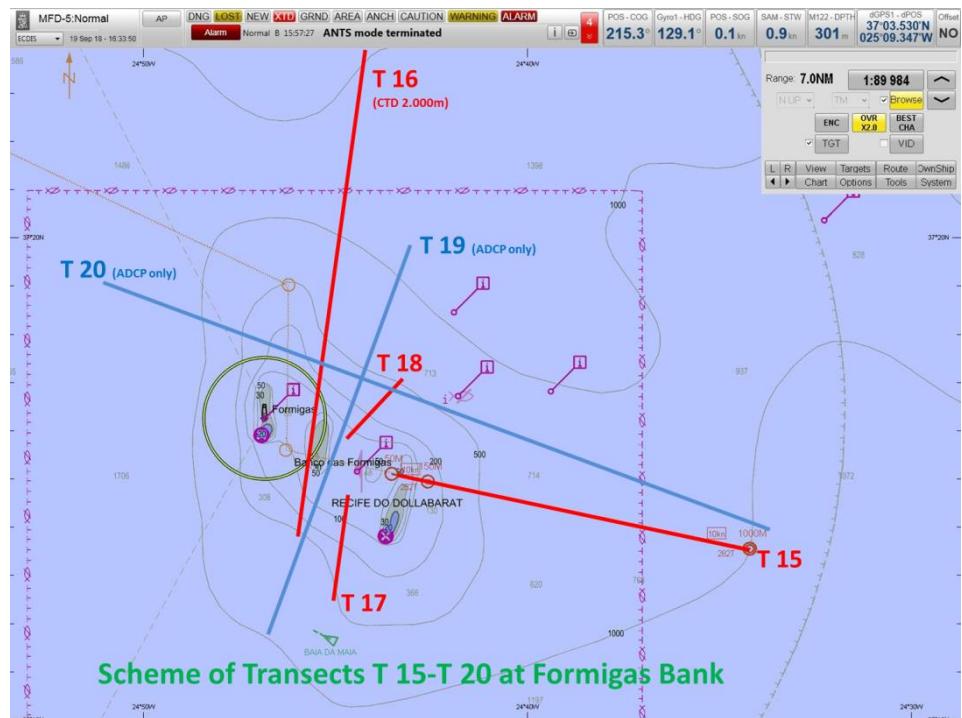
**Figure 4** A selection of organisms sampled during cruise M150. A: A decent amount of mud in AGT 322 from off Terceira (c. 1500 m). B: The sponge *Petrosia* sp., which was caught in a Henning Grab (HG 7, 306 m, off Flores). C: A beautifully preserved *Pheronema* sp. sponge from the Princess Alice Bank (AGT 142, c. 1000 m). D: Several specimens of the solitary coral *Stephanocyathus nobilis* (AGT 346, c. 1500 m, off Santa Maria). E: A large specimen of the scallop *Pecten jacobaeus* (HG 54, 55 m, off Flores). F: The 'lace coral' *Reteporaella* sp., one of the most abundant bryozoans sampled on this cruise (BC 461, 151 m, off Santa Maria). G: The holothurian *Amperima furcata*, commonly called 'sea-pig', from station AGT 178, c. 2200 m, Princess Alice Bank. H: A selection of sea stars from station AGT 92 off Flores (c. 1500 m). I: The 'living fossil' *Cyathidium foresti*, a cyrtocrinid crinoid attached to a limestone slab (RD 90, c. 550 m, off Flores).



**Figure 5** Left: Fine gravel of basaltic material (northern shelf of Terceira Island, 50m water depth); right: Bioclastic sand composed of fragments from Bryozoa, Mollusca and Foraminifera (northern slope of Terceira Island, 300m water depth).



**Figure 6** Depth profiles of temperature, salinity, density, dissolved oxygen and fluorescence until 400m water depth at transect T1 at Flores Island.



**Figure 7** Scheme of the transects worked at Formigas Bank. Red-coloured transects T15–T18 were sampled with CTD, HG, SG, and UWC; Blue-coloured transects T19, T20 were exclusively measured with ADCP.

## **Acknowledgements**

We are indebted to captain Detlef Korte and the crew of RV METEOR for their absolutely excellent support and cooperation during the cruise. We thank the Portuguese authorities for providing research permissions for all requested study areas.

We also thank the team of the Leitstelle METEOR, Mr Klaus Bohn and his colleagues of LPL, and Mrs Ira Weigert and her colleagues from Contiways Reisen for their logistic and organisational support and cooperation.

The ship time and financial support were provided by the DFG-Senatskommission für Ozeanographie.

## Participants

Name	Task	Institute
1. George, Kai Horst	Chief scientist	SaM
2. Arndt, Hartmut	Nanobenthos	ZIUK
3. Baptista, Lara	Macrobenthos	CIBIO
4. Berning, Björn	Macrobenthos	OÖLM
5. Bruhn, Marco	Technician	SaM
6. Carvalho, Francisca	Macrobenthos	UiB
7. Cordeiro, Ricardo	Macrobenthos	UAc*
8. Creemers, Marie	Macrobenthos	IMAR
9. Defise, Antoine	Macrobenthos	IMAR
10. Domingues, Andreia	Macrobenthos	ARDITI–OOM
11. Hermanns, Karoline	Nanobenthos	ZIUK
12. Hohlfeld, Manon	Nanobenthos	ZIUK
13. Iwan, Franziska	Technician	SaM
14. Janßen, Torsten	Technician	SaM*
15. Jeskulke, Karen	Technician	SaM
16. Kagerer, Margit	Plankton	SaM
17. Kaufmann, Manfred	Plankton	UMa
18. Kieneke, Alexander	Meiobenthos	SaM
19. Loureiro, Clara	Macrobenthos	UAc
20. Madeira, Patricia	Macrobenthos	UAc*
21. Meyer, Claudia	Nanobenthos	ZIUK
22. Narciso, Aurea	Plankton	CIIMAR
23. Ostmann, Alexandra	Meiobenthos	SaM
24. Pieper, Catharina	Macrobenthos	UAc
25. Pointner, Karin	Meiobenthos	SaM
26. Silva, Teresa	Plankton	ARDITI–OOM
27. Springer, Barbara	CTD/ADCP	SaM*
28. Wehrmann, Achim	Sedimentologie	SaM*
29. Wilsenack, Maik	Technician	SaM
30. Raeke, Andreas	Meteorologist	DWD

Participating institutions:

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## Stations list

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_0_Underway-1	28.08.2018 15:00	ADCP	36° 50,524' N	013° 09,854' W	4054
M150_0_Underway-1	02.10.2018 08:00	ADCP	37° 25,357' N	025° 07,160' W	476
M150_1-1	31.08.2018 21:02	CTD	39° 37,327' N	031° 14,008' W	1046
M150_2-1	31.08.2018 23:12	CTD	39° 36,193' N	031° 13,693' W	523
M150_3-1	01.09.2018 00:37	PN vert.	39° 35,776' N	031° 13,573' W	344
M150_4-1	01.09.2018 01:08	PN hor.	39° 35,732' N	031° 13,494' W	312
M150_5-1	01.09.2018 01:53	CTD	39° 35,703' N	031° 13,541' W	309
M150_6-1	01.09.2018 02:33	HG	39° 35,703' N	031° 13,540' W	310
M150_6-1	01.09.2018 02:40	HG	39° 35,703' N	031° 13,541' W	310
M150_7-1	01.09.2018 02:53	HG	39° 35,703' N	031° 13,541' W	306
M150_8-1	01.09.2018 03:06	HG	39° 35,703' N	031° 13,541' W	310
M150_9-1	01.09.2018 03:26	HG	39° 35,703' N	031° 13,541' W	310
M150_10-1	01.09.2018 03:51	SG	39° 35,704' N	031° 13,543' W	310
M150_11-1	01.09.2018 04:10	SG	39° 35,705' N	031° 13,544' W	309
M150_12-1	01.09.2018 04:26	SG	39° 35,705' N	031° 13,543' W	307
M150_13-1	01.09.2018 04:45	SG	39° 35,705' N	031° 13,544' W	308
M150_14-1	01.09.2018 05:28	CTD	39° 34,163' N	031° 13,052' W	152
M150_15-1	01.09.2018 05:49	PN hor.	39° 34,164' N	031° 13,052' W	152
M150_16-1	01.09.2018 06:27	UWC	39° 34,171' N	031° 13,055' W	152
M150_17-1	01.09.2018 07:43	UWC	39° 32,150' N	031° 12,553' W	58
M150_18-1	01.09.2018 08:07	HG	39° 32,144' N	031° 12,548' W	60
M150_19-1	01.09.2018 08:13	HG	39° 32,143' N	031° 12,549' W	59
M150_20-1	01.09.2018 08:20	HG	39° 32,141' N	031° 12,549' W	59
M150_21-1	01.09.2018 08:32	SG	39° 32,141' N	031° 12,547' W	57
M150_22-1	01.09.2018 08:40	SG	39° 32,143' N	031° 12,547' W	60
M150_22-1	01.09.2018 08:46	SG	39° 32,142' N	031° 12,548' W	59
M150_23-1	01.09.2018 08:53	SG	39° 32,142' N	031° 12,548' W	58
M150_24-1	01.09.2018 09:00	SG	39° 32,143' N	031° 12,548' W	57
M150_25-1	01.09.2018 09:07	SG	39° 32,141' N	031° 12,548' W	58
M150_26-1	01.09.2018 09:45	SG	39° 34,175' N	031° 13,049' W	151
M150_27-1	01.09.2018 09:57	SG	39° 34,174' N	031° 13,048' W	151
M150_28-1	01.09.2018 10:30	HG	39° 34,175' N	031° 13,048' W	151
M150_29-1	01.09.2018 10:42	HG	39° 34,175' N	031° 13,049' W	152
M150_30-1	01.09.2018 10:54	HG	39° 34,175' N	031° 13,049' W	151
M150_31-1	01.09.2018 11:25	BC	39° 34,176' N	031° 13,048' W	151
M150_32-1	01.09.2018 11:59	BC	39° 34,175' N	031° 13,049' W	151
M150_33-1	01.09.2018 14:41	EBS	39° 36,655' N	031° 14,202' W	725
M150_34-1	01.09.2018 17:24	AGT	39° 37,189' N	031° 13,389' W	896
M150_35-1	01.09.2018 19:16	AGT	39° 37,176' N	031° 13,386' W	891
M150_36-1	01.09.2018 20:57	EBS	39° 36,002' N	031° 13,891' W	481
M150_37-1	01.09.2018 22:42	AGT	39° 36,144' N	031° 13,906' W	528
M150_38-1	02.09.2018 01:13	BC	39° 36,083' N	031° 13,845' W	515
M150_39-1	02.09.2018 04:23	CTD	39° 24,256' N	031° 06,838' W	309
M150_40-1	02.09.2018 04:54	PN vert.	39° 24,256' N	031° 06,838' W	310
M150_41-1	02.09.2018 05:29	PN hor.	39° 24,256' N	031° 06,838' W	310
M150_42-1	02.09.2018 06:10	HG	39° 24,241' N	031° 06,842' W	315
M150_43-1	02.09.2018 06:29	HG	39° 24,248' N	031° 06,835' W	320
M150_44-1	02.09.2018 06:48	HG	39° 24,249' N	031° 06,833' W	320
M150_45-1	02.09.2018 07:12	SG	39° 24,251' N	031° 06,833' W	323
M150_46-1	02.09.2018 07:30	SG	39° 24,252' N	031° 06,833' W	320
M150_47-1	02.09.2018 07:46	SG	39° 24,253' N	031° 06,834' W	316
M150_48-1	02.09.2018 08:08	HG	39° 24,252' N	031° 06,834' W	321
M150_49-1	02.09.2018 08:26	HG	39° 24,252' N	031° 06,833' W	322
M150_50-1	02.09.2018 08:59	BC	39° 24,262' N	031° 06,842' W	311
M150_51-1	02.09.2018 09:49	CTD	39° 24,302' N	031° 07,036' W	155
M150_52-1	02.09.2018 10:40	UWC	39° 24,343' N	031° 07,315' W	119
M150_53-1	02.09.2018 11:56	UWC	39° 24,573' N	031° 08,367' W	58
M150_54-1	02.09.2018 12:21	HG	39° 24,574' N	031° 08,368' W	57
M150_55-1	02.09.2018 12:28	HG	39° 24,574' N	031° 08,367' W	56
M150_56-1	02.09.2018 12:35	HG	39° 24,574' N	031° 08,366' W	58

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_57-1	02.09.2018 12:41	HG	39° 24,574' N	031° 08,368' W	56
M150_58-1	02.09.2018 12:54	SG	39° 24,574' N	031° 08,367' W	56
M150_58-1	02.09.2018 12:58	SG	39° 24,575' N	031° 08,369' W	56
M150_59-1	02.09.2018 13:03	SG	39° 24,574' N	031° 08,367' W	57
M150_60-1	02.09.2018 13:09	SG	39° 24,574' N	031° 08,368' W	56
M150_61-1	02.09.2018 13:40	PN hor.	39° 24,367' N	031° 07,297' W	119
M150_62-1	02.09.2018 14:19	SG	39° 24,347' N	031° 07,303' W	119
M150_63-1	02.09.2018 14:28	SG	39° 24,349' N	031° 07,303' W	119
M150_64-1	02.09.2018 14:44	HG	39° 24,348' N	031° 07,304' W	120
M150_65-1	02.09.2018 14:54	HG	39° 24,348' N	031° 07,303' W	119
M150_66-1	02.09.2018 15:04	HG	39° 24,348' N	031° 07,304' W	119
M150_67-1	02.09.2018 15:42	BC	39° 24,215' N	031° 06,644' W	507
M150_68-1	02.09.2018 17:48	AGT	39° 24,263' N	031° 06,561' W	564
M150_69-1	02.09.2018 21:19	EBS	39° 24,519' N	031° 06,447' W	596
M150_70-1	03.09.2018 00:06	EBS	39° 23,868' N	031° 04,593' W	1193
M150_71-1	03.09.2018 04:16	CTD	39° 23,373' N	030° 36,716' W	2088
M150_72-1	03.09.2018 06:24	CTD	39° 23,374' N	030° 36,721' W	2079
M150_73-1	03.09.2018 08:00	PN vert.	39° 23,324' N	030° 36,731' W	2064
M150_74-1	03.09.2018 10:02	MUC	39° 23,321' N	030° 36,731' W	2076
M150_75-1	03.09.2018 11:35	MUC	39° 23,322' N	030° 36,730' W	2061
M150_76-1	03.09.2018 13:26	BC	39° 23,317' N	030° 36,727' W	2052
M150_77-1	03.09.2018 18:11	CTD	39° 19,650' N	031° 16,430' W	298
M150_78-1	03.09.2018 18:48	PN vert.	39° 19,651' N	031° 16,434' W	346
M150_79-1	03.09.2018 19:17	PN hor.	39° 19,649' N	031° 16,433' W	326
M150_80-1	03.09.2018 19:58	HG	39° 19,703' N	031° 16,390' W	254
M150_81-1	03.09.2018 20:15	HG	39° 19,699' N	031° 16,390' W	259
M150_82-1	03.09.2018 20:30	HG	39° 19,698' N	031° 16,391' W	258
M150_83-1	03.09.2018 20:45	HG	39° 19,700' N	031° 16,391' W	258
M150_84-1	03.09.2018 21:04	SG	39° 19,699' N	031° 16,390' W	257
M150_85-1	03.09.2018 21:19	SG	39° 19,700' N	031° 16,388' W	257
M150_86-1	03.09.2018 22:03	BC	39° 19,699' N	031° 16,390' W	259
M150_87-1	03.09.2018 23:34	CTD	39° 19,047' N	031° 17,106' W	501
M150_88-1	04.09.2018 00:39	BC	39° 19,045' N	031° 17,105' W	506
M150_89-1	04.09.2018 01:20	BC	39° 19,045' N	031° 17,105' W	507
M150_90-1	04.09.2018 04:02	RD	39° 19,112' N	031° 17,309' W	519
M150_91-1	04.09.2018 07:32	CTD	39° 16,387' N	031° 20,107' W	1508
M150_92-1	04.09.2018 09:38	AGT	39° 16,400' N	031° 20,088' W	1501
M150_93-1	04.09.2018 15:14	BC	39° 15,906' N	031° 18,512' W	1518
M150_94-1	04.09.2018 16:55	CTD	39° 20,066' N	031° 16,068' W	153
M150_95-1	04.09.2018 17:26	UWC	39° 20,065' N	031° 16,066' W	153
M150_96-1	04.09.2018 18:25	UWC	39° 21,625' N	031° 14,284' W	57
M150_97-1	04.09.2018 18:47	HG	39° 21,624' N	031° 14,285' W	57
M150_98-1	04.09.2018 18:53	HG	39° 21,624' N	031° 14,283' W	58
M150_99-1	04.09.2018 19:00	HG	39° 21,624' N	031° 14,285' W	58
M150_100-1	04.09.2018 19:06	HG	39° 21,624' N	031° 14,283' W	57
M150_101-1	04.09.2018 19:12	HG	39° 21,624' N	031° 14,284' W	57
M150_102-1	04.09.2018 19:24	SG	39° 21,623' N	031° 14,283' W	57
M150_103-1	04.09.2018 19:30	SG	39° 21,622' N	031° 14,285' W	57
M150_104-1	04.09.2018 19:32	PN hor.	39° 21,624' N	031° 14,281' W	57
M150_105-1	04.09.2018 20:26	SG	39° 20,071' N	031° 16,051' W	153
M150_106-1	04.09.2018 20:37	SG	39° 20,071' N	031° 16,054' W	153
M150_107-1	04.09.2018 20:49	HG	39° 20,071' N	031° 16,048' W	153
M150_108-1	04.09.2018 21:00	HG	39° 20,071' N	031° 16,047' W	152
M150_109-1	04.09.2018 21:09	HG	39° 20,071' N	031° 16,046' W	152
M150_110-1	04.09.2018 21:18	HG	39° 20,072' N	031° 16,047' W	153
M150_111-1	04.09.2018 21:27	HG	39° 20,071' N	031° 16,047' W	152
M150_112-1	04.09.2018 21:47	BC	39° 20,071' N	031° 16,050' W	152
M150_113-1	05.09.2018 10:47	CTD	37° 59,957' N	029° 17,036' W	153
M150_114-1	05.09.2018 11:05	PN hor.	37° 59,955' N	029° 17,037' W	153
M150_115-1	05.09.2018 11:46	HG	37° 59,964' N	029° 17,059' W	151
M150_116-1	05.09.2018 11:57	HG	37° 59,967' N	029° 17,056' W	151
M150_117-1	05.09.2018 12:08	HG	37° 59,965' N	029° 17,058' W	152
M150_118-1	05.09.2018 12:20	HG	37° 59,966' N	029° 17,062' W	151

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_119-1	05.09.2018 12:30	HG	37° 59,966' N	029° 17,057' W	151
M150_120-1	05.09.2018 12:44	HG	37° 59,966' N	029° 17,057' W	151
M150_121-1	05.09.2018 12:55	HG	37° 59,964' N	029° 17,062' W	153
M150_122-1	05.09.2018 13:11	SG	37° 59,966' N	029° 17,063' W	151
M150_123-1	05.09.2018 13:21	SG	37° 59,968' N	029° 17,054' W	151
M150_124-1	05.09.2018 13:32	SG	37° 59,968' N	029° 17,055' W	151
M150_125-1	05.09.2018 13:58	BC	37° 59,967' N	029° 17,055' W	151
M150_126-1	05.09.2018 15:11	UWC	38° 00,070' N	029° 17,323' W	104
M150_127-1	05.09.2018 17:13	UWC	38° 00,300' N	029° 17,954' W	43
M150_128-1	05.09.2018 18:08	CTD	37° 59,705' N	029° 16,314' W	294
M150_129-1	05.09.2018 18:44	PN vert.	37° 59,679' N	029° 16,347' W	291
M150_130-1	05.09.2018 19:15	PN hor.	37° 59,629' N	029° 16,341' W	316
M150_131-1	05.09.2018 19:54	HG	37° 59,657' N	029° 16,379' W	299
M150_132-1	05.09.2018 20:09	HG	37° 59,657' N	029° 16,377' W	299
M150_133-1	05.09.2018 20:22	HG	37° 59,657' N	029° 16,379' W	298
M150_134-1	05.09.2018 20:34	HG	37° 59,658' N	029° 16,378' W	299
M150_135-1	05.09.2018 20:53	SG	37° 59,658' N	029° 16,377' W	299
M150_136-1	05.09.2018 21:18	SG	37° 59,656' N	029° 16,377' W	300
M150_136-1	05.09.2018 21:32	SG	37° 59,658' N	029° 16,379' W	301
M150_137-1	05.09.2018 21:47	SG	37° 59,657' N	029° 16,379' W	298
M150_138-1	05.09.2018 22:17	BC	37° 59,656' N	029° 16,378' W	300
M150_139-1	06.09.2018 01:30	CTD	37° 54,344' N	029° 03,658' W	973
M150_140-1	06.09.2018 02:56	BC	37° 54,344' N	029° 03,657' W	973
M150_141-1	06.09.2018 04:16	BC	37° 54,348' N	029° 03,657' W	968
M150_142-1	06.09.2018 05:58	AGT	37° 55,484' N	029° 03,786' W	784
M150_143-1	06.09.2018 11:04	CTD	37° 55,740' N	029° 07,324' W	510
M150_144-1	06.09.2018 11:44	BC	37° 55,840' N	029° 07,573' W	481
M150_145-1	06.09.2018 13:23	CTD	38° 00,572' N	029° 18,375' W	148
M150_146-1	06.09.2018 14:07	PN hor.	38° 00,415' N	029° 18,540' W	113
M150_147-1	06.09.2018 14:22	HG	38° 00,576' N	029° 18,405' W	155
M150_148-1	06.09.2018 14:35	HG	38° 00,576' N	029° 18,406' W	154
M150_149-1	06.09.2018 14:46	HG	38° 00,576' N	029° 18,405' W	155
M150_150-1	06.09.2018 14:59	HG	38° 00,575' N	029° 18,405' W	154
M150_151-1	06.09.2018 15:09	HG	38° 00,576' N	029° 18,406' W	156
M150_152-1	06.09.2018 15:25	SG	38° 00,586' N	029° 18,404' W	160
M150_153-1	06.09.2018 15:36	SG	38° 00,581' N	029° 18,404' W	159
M150_154-1	06.09.2018 15:57	BC	38° 00,581' N	029° 18,403' W	158
M150_155-1	06.09.2018 17:00	CTD	38° 01,041' N	029° 19,655' W	298
M150_156-1	06.09.2018 17:35	PN vert.	38° 01,040' N	029° 19,651' W	298
M150_157-1	06.09.2018 18:00	PN hor.	38° 01,037' N	029° 19,664' W	298
M150_158-1	06.09.2018 18:40	HG	38° 01,060' N	029° 19,690' W	303
M150_159-1	06.09.2018 19:04	HG	38° 01,060' N	029° 19,691' W	303
M150_160-1	06.09.2018 19:27	HG	38° 01,058' N	029° 19,690' W	304
M150_161-1	06.09.2018 19:50	HG	38° 01,061' N	029° 19,691' W	306
M150_162-1	06.09.2018 20:08	SG	38° 01,059' N	029° 19,689' W	304
M150_163-1	06.09.2018 20:23	SG	38° 01,058' N	029° 19,690' W	303
M150_164-1	06.09.2018 20:50	BC	38° 01,058' N	029° 19,690' W	304
M150_165-1	07.09.2018 08:11	CTD	38° 01,462' N	029° 20,500' W	501
M150_166-1	07.09.2018 09:00	BC	38° 01,463' N	029° 20,498' W	501
M150_167-1	07.09.2018 09:37	BC	38° 01,465' N	029° 20,499' W	509
M150_168-1	07.09.2018 10:17	BC	38° 01,463' N	029° 20,498' W	510
M150_169-1	07.09.2018 11:38	CTD	38° 02,440' N	029° 22,733' W	1022
M150_170-1	07.09.2018 12:43	BC	38° 02,442' N	029° 22,731' W	1022
M150_171-1	07.09.2018 14:10	CTD	38° 03,721' N	029° 25,549' W	2032
M150_172-1	07.09.2018 15:14	PN vert.	38° 03,675' N	029° 25,363' W	1980
M150_173-1	07.09.2018 15:27	PN hor.	38° 03,665' N	029° 25,383' W	1960
M150_174-1	07.09.2018 16:40	CTD	38° 03,672' N	029° 25,628' W	2043
M150_175-1	07.09.2018 18:25	BC	38° 03,682' N	029° 25,605' W	2028
M150_176-1	07.09.2018 20:06	BC	38° 03,671' N	029° 25,604' W	1953
M150_177-1	07.09.2018 21:53	MUC	38° 03,697' N	029° 25,627' W	2062
M150_178-1	08.09.2018 01:52	AGT	38° 05,462' N	029° 28,494' W	2547
M150_179-1	08.09.2018 10:33	CTD	38° 00,666' N	029° 17,702' W	161
M150_180-1	08.09.2018 11:20	PN hor.	38° 00,942' N	029° 17,994' W	205

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_181-1	08.09.2018 12:01	UWC	38° 00,645' N	029° 17,693' W	151
M150_182-1	08.09.2018 12:34	HG	38° 00,646' N	029° 17,690' W	152
M150_183-1	08.09.2018 12:46	HG	38° 00,646' N	029° 17,694' W	153
M150_184-1	08.09.2018 12:58	HG	38° 00,647' N	029° 17,692' W	151
M150_185-1	08.09.2018 15:00	HG	38° 00,645' N	029° 17,691' W	151
M150_186-1	08.09.2018 15:13	HG	38° 00,647' N	029° 17,690' W	153
M150_187-1	08.09.2018 15:25	HG	38° 00,647' N	029° 17,692' W	153
M150_188-1	08.09.2018 15:46	HG	38° 00,647' N	029° 17,693' W	151
M150_189-1	08.09.2018 16:05	SG	38° 00,648' N	029° 17,690' W	152
M150_190-1	08.09.2018 16:17	SG	38° 00,647' N	029° 17,691' W	150
M150_191-1	08.09.2018 16:28	SG	38° 00,646' N	029° 17,692' W	151
M150_192-1	08.09.2018 17:10	CTD	38° 01,328' N	029° 17,215' W	300
M150_193-1	08.09.2018 17:43	PN vert.	38° 01,328' N	029° 17,213' W	302
M150_194-1	08.09.2018 18:11	PN hor.	38° 01,353' N	029° 17,237' W	313
M150_195-1	08.09.2018 18:54	HG	38° 01,322' N	029° 17,224' W	298
M150_196-1	08.09.2018 19:14	HG	38° 01,321' N	029° 17,223' W	299
M150_197-1	08.09.2018 19:39	HG	38° 01,322' N	029° 17,222' W	301
M150_198-1	08.09.2018 19:56	HG	38° 01,320' N	029° 17,224' W	298
M150_199-1	08.09.2018 20:11	HG	38° 01,321' N	029° 17,223' W	301
M150_200-1	08.09.2018 20:28	HG	38° 01,322' N	029° 17,220' W	299
M150_201-1	08.09.2018 20:50	SG	38° 01,321' N	029° 17,224' W	298
M150_202-1	08.09.2018 21:12	SG	38° 01,324' N	029° 17,221' W	299
M150_203-1	08.09.2018 22:13	CTD	38° 01,792' N	029° 16,912' W	520
M150_204-1	08.09.2018 22:55	HG	38° 01,794' N	029° 16,914' W	519
M150_205-1	08.09.2018 23:21	HG	38° 01,789' N	029° 16,914' W	523
M150_206-1	08.09.2018 23:54	HG	38° 01,789' N	029° 16,916' W	522
M150_207-1	09.09.2018 00:21	HG	38° 01,788' N	029° 16,913' W	524
M150_208-1	09.09.2018 00:47	HG	38° 01,791' N	029° 16,915' W	523
M150_209-1	09.09.2018 01:20	SG	38° 01,792' N	029° 16,914' W	522
M150_210-1	09.09.2018 01:44	SG	38° 01,787' N	029° 16,915' W	521
M150_211-1	09.09.2018 02:50	CTD	37° 59,752' N	029° 18,303' W	151
M150_212-1	09.09.2018 03:08	PN hor.	37° 59,754' N	029° 18,301' W	150
M150_213-1	09.09.2018 04:00	UWC	37° 59,746' N	029° 18,321' W	152
M150_214-1	09.09.2018 04:38	HG	37° 59,746' N	029° 18,321' W	153
M150_215-1	09.09.2018 04:51	HG	37° 59,747' N	029° 18,320' W	151
M150_216-1	09.09.2018 05:04	HG	37° 59,746' N	029° 18,321' W	152
M150_217-1	09.09.2018 05:17	HG	37° 59,746' N	029° 18,317' W	151
M150_218-1	09.09.2018 05:35	SG	37° 59,745' N	029° 18,321' W	152
M150_219-1	09.09.2018 05:48	SG	37° 59,746' N	029° 18,321' W	152
M150_220-1	09.09.2018 06:26	CTD	37° 59,420' N	029° 18,565' W	300
M150_221-1	09.09.2018 06:59	PN vert.	37° 59,411' N	029° 18,585' W	311
M150_222-1	09.09.2018 07:54	PN hor.	37° 59,845' N	029° 18,885' W	156
M150_223-1	09.09.2018 08:16	HG	37° 59,425' N	029° 18,577' W	294
M150_224-1	09.09.2018 08:39	HG	37° 59,428' N	029° 18,571' W	296
M150_225-1	09.09.2018 08:55	HG	37° 59,426' N	029° 18,573' W	299
M150_226-1	09.09.2018 09:11	HG	37° 59,427' N	029° 18,573' W	295
M150_227-1	09.09.2018 09:27	HG	37° 59,426' N	029° 18,575' W	296
M150_228-1	09.09.2018 09:52	SG	37° 59,426' N	029° 18,574' W	292
M150_229-1	09.09.2018 10:07	SG	37° 59,427' N	029° 18,572' W	296
M150_230-1	09.09.2018 10:49	CTD	37° 59,118' N	029° 18,764' W	500
M150_231-1	09.09.2018 11:28	HG	37° 59,118' N	029° 18,766' W	500
M150_232-1	09.09.2018 11:51	HG	37° 59,118' N	029° 18,767' W	504
M150_233-1	09.09.2018 12:13	HG	37° 59,120' N	029° 18,754' W	497
M150_234-1	09.09.2018 12:45	HG	37° 59,124' N	029° 18,742' W	495
M150_235-1	09.09.2018 13:08	HG	37° 59,126' N	029° 18,738' W	492
M150_236-1	09.09.2018 13:44	SG	37° 59,120' N	029° 18,735' W	494
M150_237-1	09.09.2018 14:07	SG	37° 59,117' N	029° 18,718' W	487
M150_238-1	10.09.2018 11:55	CTD	38° 48,659' N	027° 20,120' W	175
M150_239-1	10.09.2018 12:36	PN hor.	38° 48,626' N	027° 20,261' W	198
M150_240-1	10.09.2018 13:06	UWC	38° 48,653' N	027° 20,118' W	168
M150_241-1	10.09.2018 14:31	UWC	38° 48,148' N	027° 19,297' W	51
M150_242-1	10.09.2018 14:53	SG	38° 48,153' N	027° 19,294' W	48
M150_243-1	10.09.2018 15:03	SG	38° 48,155' N	027° 19,293' W	51

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_244-1	10.09.2018 15:12	HG	38° 48,153' N	027° 19,294' W	48
M150_245-1	10.09.2018 15:19	HG	38° 48,154' N	027° 19,294' W	48
M150_246-1	10.09.2018 15:25	HG	38° 48,154' N	027° 19,293' W	49
M150_247-1	10.09.2018 15:32	HG	38° 48,155' N	027° 19,289' W	53
M150_248-1	10.09.2018 15:45	SG	38° 48,155' N	027° 19,289' W	54
M150_249-1	10.09.2018 15:50	SG	38° 48,155' N	027° 19,289' W	55
M150_250-1	10.09.2018 15:57	SG	38° 48,156' N	027° 19,290' W	54
M150_251-1	10.09.2018 16:05	SG	38° 48,162' N	027° 19,287' W	54
M150_252-1	10.09.2018 16:34	SG	38° 48,662' N	027° 20,111' W	172
M150_253-1	10.09.2018 16:50	SG	38° 48,646' N	027° 20,092' W	151
M150_254-1	10.09.2018 17:01	SG	38° 48,652' N	027° 20,099' W	159
M150_255-1	10.09.2018 17:13	SG	38° 48,654' N	027° 20,102' W	162
M150_256-1	10.09.2018 17:27	SG	38° 48,656' N	027° 20,105' W	165
M150_257-1	10.09.2018 17:41	SG	38° 48,655' N	027° 20,103' W	163
M150_258-1	10.09.2018 18:39	BC	38° 48,656' N	027° 20,100' W	160
M150_259-1	10.09.2018 19:26	CTD	38° 48,806' N	027° 20,393' W	311
M150_260-1	10.09.2018 20:24	PN vert.	38° 48,804' N	027° 20,392' W	306
M150_261-1	10.09.2018 20:56	PN hor.	38° 48,804' N	027° 20,393' W	306
M150_262-1	10.09.2018 21:14	HG	38° 48,803' N	027° 20,389' W	306
M150_263-1	10.09.2018 21:32	HG	38° 48,802' N	027° 20,390' W	305
M150_264-1	10.09.2018 21:48	HG	38° 48,803' N	027° 20,390' W	305
M150_265-1	10.09.2018 22:05	HG	38° 48,803' N	027° 20,390' W	305
M150_266-1	10.09.2018 22:26	SG	38° 48,802' N	027° 20,390' W	305
M150_267-1	10.09.2018 22:43	SG	38° 48,803' N	027° 20,390' W	306
M150_268-1	10.09.2018 23:10	BC	38° 48,803' N	027° 20,390' W	306
M150_269-1	11.09.2018 00:25	CTD	38° 49,136' N	027° 20,942' W	498
M150_270-1	11.09.2018 01:11	BC	38° 49,148' N	027° 20,947' W	503
M150_271-1	11.09.2018 01:50	BC	38° 49,147' N	027° 20,942' W	501
M150_272-1	11.09.2018 03:36	CTD	38° 51,588' N	027° 25,072' W	988
M150_273-1	11.09.2018 04:42	BC	38° 51,588' N	027° 25,071' W	992
M150_274-1	11.09.2018 06:27	CTD	38° 55,222' N	027° 31,247' W	2001
M150_275-1	11.09.2018 07:10	PN vert.	38° 55,219' N	027° 31,246' W	2006
M150_276-1	11.09.2018 07:38	PN hor.	38° 55,225' N	027° 31,247' W	2007
M150_277-1	11.09.2018 08:49	CTD	38° 55,297' N	027° 31,333' W	2015
M150_278-1	11.09.2018 10:41	BC	38° 55,297' N	027° 31,337' W	2015
M150_279-1	11.09.2018 12:24	MUC	38° 55,294' N	027° 31,342' W	2019
M150_280-1	11.09.2018 15:50	AGT	38° 55,215' N	027° 34,426' W	2186
M150_281-1	12.09.2018 08:33	CTD	38° 48,206' N	027° 03,620' W	300
M150_282-1	12.09.2018 09:24	PN vert.	38° 48,188' N	027° 03,631' W	273
M150_283-1	12.09.2018 09:56	PN hor.	38° 48,190' N	027° 03,631' W	274
M150_284-1	12.09.2018 10:38	HG	38° 48,146' N	027° 03,526' W	282
M150_285-1	12.09.2018 10:55	HG	38° 48,147' N	027° 03,526' W	277
M150_286-1	12.09.2018 11:07	HG	38° 48,146' N	027° 03,526' W	282
M150_287-1	12.09.2018 11:21	HG	38° 48,146' N	027° 03,528' W	281
M150_288-1	12.09.2018 11:40	SG	38° 48,146' N	027° 03,526' W	281
M150_289-1	12.09.2018 11:56	SG	38° 48,145' N	027° 03,526' W	281
M150_290-1	12.09.2018 12:27	BC	38° 48,146' N	027° 03,527' W	277
M150_291-1	12.09.2018 13:40	CTD	38° 48,127' N	027° 04,238' W	149
M150_292-1	12.09.2018 14:02	PN hor.	38° 48,119' N	027° 04,233' W	149
M150_293-1	12.09.2018 14:53	UWC	38° 48,127' N	027° 04,240' W	150
M150_294-1	12.09.2018 16:24	UWC	38° 47,656' N	027° 07,475' W	37
M150_295-1	12.09.2018 17:15	HG	38° 48,136' N	027° 04,263' W	152
M150_296-1	12.09.2018 17:27	HG	38° 48,133' N	027° 04,263' W	152
M150_297-1	12.09.2018 17:39	HG	38° 48,132' N	027° 04,261' W	153
M150_298-1	12.09.2018 17:51	HG	38° 48,134' N	027° 04,262' W	152
M150_299-1	12.09.2018 18:02	HG	38° 48,132' N	027° 04,261' W	152
M150_300-1	12.09.2018 18:18	SG	38° 48,134' N	027° 04,256' W	153
M150_301-1	12.09.2018 18:29	SG	38° 48,136' N	027° 04,254' W	153
M150_302-1	12.09.2018 18:42	SG	38° 48,134' N	027° 04,257' W	152
M150_303-1	12.09.2018 18:54	SG	38° 48,134' N	027° 04,255' W	153
M150_304-1	12.09.2018 19:06	SG	38° 48,134' N	027° 04,257' W	152
M150_305-1	12.09.2018 19:17	SG	38° 48,135' N	027° 04,254' W	153
M150_306-1	12.09.2018 19:29	SG	38° 48,136' N	027° 04,254' W	153

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_307-1	12.09.2018 19:40	SG	38° 48,134' N	027° 04,253' W	152
M150_308-1	12.09.2018 20:33	CTD	38° 48,351' N	027° 03,063' W	492
M150_309-1	12.09.2018 21:09	SG	38° 48,351' N	027° 03,062' W	498
M150_310-1	12.09.2018 21:31	SG	38° 48,350' N	027° 03,066' W	482
M150_311-1	12.09.2018 21:56	HG	38° 48,350' N	027° 03,070' W	491
M150_312-1	12.09.2018 22:20	HG	38° 48,349' N	027° 03,070' W	496
M150_313-1	12.09.2018 23:50	CTD	38° 48,533' N	027° 01,595' W	1014
M150_314-1	13.09.2018 00:53	SG	38° 48,532' N	027° 01,593' W	1000
M150_315-1	13.09.2018 04:32	CTD	38° 53,546' N	026° 26,981' W	2000
M150_316-1	13.09.2018 05:16	PN vert.	38° 53,546' N	026° 26,982' W	2001
M150_317-1	13.09.2018 05:43	PN hor.	38° 53,571' N	026° 26,970' W	2002
M150_318-1	13.09.2018 07:00	CTD	38° 53,544' N	026° 26,969' W	2000
M150_319-1	13.09.2018 08:38	BC	38° 53,544' N	026° 26,965' W	1999
M150_320-1	13.09.2018 10:07	BC	38° 53,543' N	026° 26,967' W	1999
M150_321-1	13.09.2018 12:12	MUC	38° 53,162' N	026° 29,746' W	1864
M150_322-1	14.09.2018 09:43	AGT	38° 50,984' N	026° 47,387' W	1535
M150_323-1	15.09.2018 01:18	CTD	37° 03,084' N	025° 03,122' W	302
M150_324-1	15.09.2018 02:08	PN vert.	37° 03,084' N	025° 03,122' W	304
M150_325-1	15.09.2018 02:36	PN hor.	37° 03,233' N	025° 03,231' W	255
M150_326-1	15.09.2018 03:32	HG	37° 03,082' N	025° 03,119' W	309
M150_327-1	15.09.2018 03:49	HG	37° 03,076' N	025° 03,122' W	303
M150_328-1	15.09.2018 04:07	HG	37° 03,076' N	025° 03,119' W	305
M150_329-1	15.09.2018 04:20	HG	37° 03,076' N	025° 03,119' W	304
M150_330-1	15.09.2018 04:44	SG	37° 03,075' N	025° 03,120' W	305
M150_331-1	15.09.2018 05:00	SG	37° 03,075' N	025° 03,121' W	304
M150_332-1	15.09.2018 05:34	BC	37° 03,075' N	025° 03,120' W	305
M150_333-1	15.09.2018 06:33	CTD	37° 02,817' N	025° 03,384' W	161
M150_334-1	15.09.2018 06:52	PN hor.	37° 02,780' N	025° 03,404' W	119
M150_335-1	15.09.2018 08:02	UWC	37° 02,810' N	025° 03,415' W	151
M150_336-1	15.09.2018 08:57	UWC	37° 01,842' N	025° 04,502' W	49
M150_337-1	15.09.2018 09:50	HG	37° 02,800' N	025° 03,406' W	141
M150_338-1	15.09.2018 10:02	HG	37° 02,800' N	025° 03,407' W	144
M150_339-1	15.09.2018 10:17	HG	37° 02,813' N	025° 03,410' W	154
M150_340-1	15.09.2018 10:30	HG	37° 02,811' N	025° 03,412' W	152
M150_341-1	15.09.2018 10:39	HG	37° 02,812' N	025° 03,413' W	154
M150_342-1	15.09.2018 10:51	HG	37° 02,811' N	025° 03,412' W	149
M150_343-1	15.09.2018 11:06	SG	37° 02,810' N	025° 03,411' W	153
M150_344-1	15.09.2018 11:17	SG	37° 02,811' N	025° 03,412' W	152
M150_345-1	15.09.2018 12:01	BC	37° 02,811' N	025° 03,411' W	152
M150_346-1	15.09.2018 14:18	AGT	37° 06,498' N	024° 59,262' W	1560
M150_347-1	15.09.2018 18:46	CTD	37° 05,193' N	025° 00,581' W	1349
M150_348-1	15.09.2018 19:55	PN hor.	37° 04,950' N	025° 00,489' W	1306
M150_349-1	15.09.2018 20:33	PN vert.	37° 05,203' N	025° 00,613' W	1339
M150_350-1	15.09.2018 21:52	BC	37° 05,202' N	025° 00,614' W	1341
M150_351-1	15.09.2018 23:49	MUC	37° 05,199' N	025° 00,610' W	1338
M150_352-1	16.09.2018 00:48	CTD	37° 03,461' N	025° 02,684' W	508
M150_353-1	16.09.2018 01:26	BC	37° 03,458' N	025° 02,686' W	508
M150_354-1	16.09.2018 02:07	BC	37° 03,459' N	025° 02,682' W	509
M150_355-1	16.09.2018 08:23	CTD	36° 54,094' N	025° 01,328' W	304
M150_356-1	16.09.2018 09:06	PN vert.	36° 54,095' N	025° 01,329' W	301
M150_357-1	16.09.2018 09:36	PN hor.	36° 54,094' N	025° 01,330' W	303
M150_358-1	16.09.2018 10:18	HG	36° 54,101' N	025° 01,322' W	293
M150_359-1	16.09.2018 10:34	HG	36° 54,099' N	025° 01,324' W	298
M150_360-1	16.09.2018 10:56	HG	36° 54,080' N	025° 01,361' W	320
M150_361-1	16.09.2018 11:16	SG	36° 54,078' N	025° 01,361' W	322
M150_362-1	16.09.2018 11:32	SG	36° 54,077' N	025° 01,359' W	321
M150_363-1	16.09.2018 12:28	CTD	36° 54,639' N	025° 01,316' W	150
M150_364-1	16.09.2018 12:44	PN hor.	36° 54,653' N	025° 01,322' W	142
M150_365-1	16.09.2018 13:38	UWC	36° 54,631' N	025° 01,313' W	154
M150_366-1	16.09.2018 14:31	UWC	36° 55,047' N	025° 01,316' W	51
M150_367-1	16.09.2018 14:54	HG	36° 55,045' N	025° 01,314' W	50
M150_368-1	16.09.2018 15:00	HG	36° 55,044' N	025° 01,313' W	50
M150_369-1	16.09.2018 15:06	HG	36° 55,044' N	025° 01,314' W	50

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_370-1	16.09.2018 15:12	HG	36° 55,046' N	025° 01,314' W	50
M150_370-1	16.09.2018 15:16	HG	36° 55,045' N	025° 01,314' W	50
M150_371-1	16.09.2018 15:23	SG	36° 55,045' N	025° 01,313' W	50
M150_372-1	16.09.2018 15:30	SG	36° 55,045' N	025° 01,313' W	50
M150_372-1	16.09.2018 15:34	SG	36° 55,047' N	025° 01,316' W	50
M150_373-1	16.09.2018 16:02	SG	36° 54,637' N	025° 01,317' W	149
M150_374-1	16.09.2018 16:13	SG	36° 54,635' N	025° 01,316' W	150
M150_375-1	16.09.2018 16:27	HG	36° 54,636' N	025° 01,316' W	149
M150_376-1	16.09.2018 16:38	HG	36° 54,636' N	025° 01,317' W	149
M150_377-1	16.09.2018 16:49	HG	36° 54,636' N	025° 01,315' W	150
M150_378-1	16.09.2018 17:00	HG	36° 54,638' N	025° 01,318' W	150
M150_379-1	16.09.2018 17:27	BC	36° 54,638' N	025° 01,316' W	150
M150_380-1	16.09.2018 18:40	CTD	36° 53,820' N	025° 01,378' W	506
M150_381-1	16.09.2018 19:36	BC	36° 53,595' N	025° 01,280' W	613
M150_382-1	16.09.2018 20:41	BC	36° 53,357' N	025° 01,371' W	751
M150_383-1	16.09.2018 22:10	CTD	36° 52,741' N	025° 01,387' W	1017
M150_384-1	16.09.2018 23:14	BC	36° 52,741' N	025° 01,388' W	1019
M150_385-1	16.09.2018 23:56	BC	36° 52,743' N	025° 01,389' W	1016
M150_386-1	17.09.2018 02:12	CTD	36° 38,849' N	025° 02,006' W	3130
M150_387-1	17.09.2018 02:52	PN vert.	36° 39,042' N	025° 02,018' W	3023
M150_388-1	17.09.2018 03:21	PN hor.	36° 39,025' N	025° 02,030' W	2925
M150_389-1	17.09.2018 04:59	CTD	36° 39,085' N	025° 02,025' W	2902
M150_390-1	17.09.2018 07:34	BC	36° 39,085' N	025° 02,025' W	2993
M150_391-1	17.09.2018 10:01	MUC	36° 39,081' N	025° 02,026' W	2898
M150_392-1	17.09.2018 13:22	AGT	36° 43,141' N	025° 01,274' W	2441
M150_393-1	17.09.2018 20:57	CTD	36° 55,402' N	025° 04,979' W	312
M150_394-1	17.09.2018 21:39	PN vert.	36° 55,400' N	025° 04,981' W	322
M150_395-1	17.09.2018 22:08	PN hor.	36° 55,402' N	025° 04,983' W	322
M150_396-1	17.09.2018 22:55	HG	36° 55,404' N	025° 04,976' W	310
M150_397-1	17.09.2018 23:11	HG	36° 55,404' N	025° 04,976' W	313
M150_398-1	17.09.2018 23:28	HG	36° 55,403' N	025° 04,977' W	311
M150_399-1	17.09.2018 23:46	SG	36° 55,404' N	025° 04,977' W	312
M150_400-1	18.09.2018 00:01	SG	36° 55,404' N	025° 04,976' W	310
M150_401-1	18.09.2018 00:17	SG	36° 55,403' N	025° 04,977' W	312
M150_402-1	18.09.2018 00:32	SG	36° 55,404' N	025° 04,975' W	305
M150_403-1	18.09.2018 00:48	SG	36° 55,404' N	025° 04,976' W	317
M150_404-1	18.09.2018 08:04	CTD	36° 55,542' N	025° 04,829' W	153
M150_405-1	18.09.2018 08:20	PN hor.	36° 55,528' N	025° 04,856' W	174
M150_406-1	18.09.2018 09:11	UWC	36° 55,538' N	025° 04,835' W	156
M150_407-1	18.09.2018 10:01	UWC	36° 55,627' N	025° 04,729' W	53
M150_408-1	18.09.2018 10:22	SG	36° 55,628' N	025° 04,730' W	52
M150_409-1	18.09.2018 10:27	SG	36° 55,628' N	025° 04,729' W	51
M150_410-1	18.09.2018 10:46	SG	36° 55,538' N	025° 04,831' W	141
M150_411-1	18.09.2018 10:59	SG	36° 55,538' N	025° 04,832' W	142
M150_412-1	18.09.2018 11:19	SG	36° 55,539' N	025° 04,833' W	141
M150_413-1	18.09.2018 11:27	SG	36° 55,538' N	025° 04,832' W	142
M150_414-1	18.09.2018 11:41	HG	36° 55,539' N	025° 04,833' W	142
M150_415-1	18.09.2018 11:53	HG	36° 55,538' N	025° 04,832' W	142
M150_416-1	18.09.2018 12:05	HG	36° 55,538' N	025° 04,834' W	143
M150_417-1	18.09.2018 12:17	HG	36° 55,539' N	025° 04,833' W	142
M150_418-1	18.09.2018 14:34	BC	36° 55,535' N	025° 04,838' W	146
M150_419-1	18.09.2018 15:39	CTD	36° 55,171' N	025° 05,259' W	509
M150_420-1	18.09.2018 16:16	BC	36° 55,171' N	025° 05,259' W	505
M150_421-1	18.09.2018 16:54	BC	36° 55,172' N	025° 05,259' W	506
M150_422-1	18.09.2018 17:27	BC	36° 55,173' N	025° 05,262' W	511
M150_423-1	18.09.2018 18:58	CTD	36° 53,935' N	025° 07,186' W	1062
M150_424-1	18.09.2018 19:59	BC	36° 53,935' N	025° 07,185' W	1061
M150_425-1	18.09.2018 20:52	BC	36° 53,944' N	025° 07,182' W	1051
M150_426-1	18.09.2018 22:13	CTD	36° 51,065' N	025° 10,202' W	1977
M150_427-1	18.09.2018 22:32	PN vert.	36° 51,065' N	025° 10,203' W	1985
M150_428-1	18.09.2018 23:14	PN hor.	36° 51,074' N	025° 10,218' W	1984
M150_429-1	19.09.2018 00:36	CTD	36° 51,063' N	025° 10,201' W	1996
M150_430-1	19.09.2018 02:24	BC	36° 51,064' N	025° 10,202' W	2005

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_431-1	19.09.2018 04:05	MUC	36° 51,066' N	025° 10,194' W	1975
M150_432-1	19.09.2018 07:13	AGT	36° 49,242' N	025° 11,337' W	2220
M150_433-1	19.09.2018 16:23	CTD	37° 03,537' N	025° 09,346' W	312
M150_434-1	19.09.2018 16:57	PN vert.	37° 03,533' N	025° 09,357' W	300
M150_435-1	19.09.2018 17:25	PN hor.	37° 03,546' N	025° 09,363' W	321
M150_436-1	19.09.2018 18:10	HG	37° 03,529' N	025° 09,317' W	313
M150_437-1	19.09.2018 18:27	HG	37° 03,529' N	025° 09,317' W	313
M150_438-1	19.09.2018 18:45	HG	37° 03,529' N	025° 09,317' W	312
M150_439-1	19.09.2018 19:04	HG	37° 03,529' N	025° 09,316' W	314
M150_440-1	19.09.2018 19:26	SG	37° 03,529' N	025° 09,317' W	314
M150_441-1	19.09.2018 19:44	SG	37° 03,530' N	025° 09,316' W	312
M150_442-1	19.09.2018 20:15	BC	37° 03,530' N	025° 09,317' W	314
M150_443-1	19.09.2018 21:13	CTD	37° 03,291' N	025° 09,268' W	152
M150_444-1	19.09.2018 21:26	PN hor.	37° 03,296' N	025° 09,271' W	154
M150_445-1	20.09.2018 08:13	UWC	37° 03,300' N	025° 09,255' W	150
M150_446-1	20.09.2018 09:50	UWC	37° 01,339' N	025° 08,707' W	51
M150_447-1	20.09.2018 10:06	HG	37° 01,339' N	025° 08,704' W	50
M150_448-1	20.09.2018 10:11	HG	37° 01,339' N	025° 08,705' W	51
M150_449-1	20.09.2018 10:17	HG	37° 01,339' N	025° 08,705' W	50
M150_450-1	20.09.2018 10:22	HG	37° 01,339' N	025° 08,706' W	51
M150_451-1	20.09.2018 10:28	HG	37° 01,340' N	025° 08,706' W	50
M150_452-1	20.09.2018 10:38	SG	37° 01,338' N	025° 08,705' W	50
M150_453-1	20.09.2018 10:43	SG	37° 01,339' N	025° 08,706' W	50
M150_454-1	20.09.2018 11:24	SG	37° 03,298' N	025° 09,264' W	153
M150_455-1	20.09.2018 11:33	SG	37° 03,295' N	025° 09,264' W	151
M150_456-1	20.09.2018 11:41	SG	37° 03,297' N	025° 09,264' W	153
M150_457-1	20.09.2018 11:57	HG	37° 03,296' N	025° 09,264' W	152
M150_458-1	20.09.2018 12:09	HG	37° 03,295' N	025° 09,263' W	152
M150_459-1	20.09.2018 12:21	HG	37° 03,296' N	025° 09,265' W	152
M150_460-1	20.09.2018 12:33	HG	37° 03,295' N	025° 09,264' W	150
M150_461-1	20.09.2018 12:59	BC	37° 03,296' N	025° 09,264' W	151
M150_462-1	20.09.2018 14:07	CTD	37° 04,134' N	025° 09,498' W	508
M150_463-1	20.09.2018 14:48	BC	37° 04,111' N	025° 09,496' W	502
M150_464-1	20.09.2018 15:20	BC	37° 04,110' N	025° 09,496' W	499
M150_465-1	20.09.2018 16:50	CTD	37° 06,059' N	025° 10,058' W	1036
M150_466-1	20.09.2018 18:03	BC	37° 06,008' N	025° 10,042' W	989
M150_467-1	20.09.2018 19:31	CTD	37° 10,011' N	025° 11,185' W	2039
M150_468-1	20.09.2018 20:07	PN vert.	37° 10,000' N	025° 11,187' W	2037
M150_469-1	20.09.2018 20:34	PN hor.	37° 10,022' N	025° 11,169' W	2051
M150_470-1	20.09.2018 22:01	CTD	37° 09,990' N	025° 11,194' W	2016
M150_471-1	20.09.2018 23:43	BC	37° 09,991' N	025° 11,195' W	2012
M150_472-1	21.09.2018 01:22	MUC	37° 09,990' N	025° 11,194' W	2012
M150_473-1	21.09.2018 02:52	MUC	37° 09,991' N	025° 11,193' W	2038
M150_474-1	21.09.2018 05:34	AGT	37° 09,438' N	025° 12,488' W	2013
M150_475-1	21.09.2018 12:58	AGT	37° 10,368' N	025° 12,957' W	2065
M150_476-1	22.09.2018 08:06	CTD	38° 38,195' N	027° 00,037' W	308
M150_477-1	22.09.2018 08:43	PN vert.	38° 38,197' N	027° 00,037' W	308
M150_478-1	22.09.2018 09:08	PN hor.	38° 38,197' N	027° 00,039' W	306
M150_479-1	22.09.2018 09:44	HG	38° 38,240' N	027° 00,057' W	299
M150_480-1	22.09.2018 09:58	HG	38° 38,239' N	027° 00,057' W	299
M150_481-1	22.09.2018 10:12	HG	38° 38,240' N	027° 00,056' W	299
M150_482-1	22.09.2018 10:24	HG	38° 38,240' N	027° 00,057' W	299
M150_483-1	22.09.2018 10:41	SG	38° 38,239' N	027° 00,057' W	300
M150_484-1	22.09.2018 10:53	SG	38° 38,239' N	027° 00,056' W	299
M150_485-1	22.09.2018 11:15	BC	38° 38,240' N	027° 00,058' W	301
M150_486-1	22.09.2018 12:17	CTD	38° 39,479' N	027° 00,879' W	149
M150_487-1	22.09.2018 12:32	PN hor.	38° 39,475' N	027° 00,866' W	150
M150_488-1	22.09.2018 13:21	UWC	38° 39,487' N	027° 00,858' W	149
M150_489-1	22.09.2018 14:18	UWC	38° 40,974' N	027° 01,887' W	64
M150_490-1	22.09.2018 14:40	HG	38° 40,974' N	027° 01,886' W	64
M150_491-1	22.09.2018 14:47	HG	38° 40,974' N	027° 01,886' W	64
M150_492-1	22.09.2018 14:53	HG	38° 40,975' N	027° 01,884' W	64
M150_493-1	22.09.2018 15:00	HG	38° 40,974' N	027° 01,886' W	64

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_494-1	22.09.2018 15:10	SG	38° 40,974' N	027° 01,885' W	64
M150_495-1	22.09.2018 15:19	SG	38° 40,976' N	027° 01,884' W	64
M150_496-1	22.09.2018 15:26	SG	38° 40,974' N	027° 01,885' W	64
M150_497-1	22.09.2018 15:31	SG	38° 40,974' N	027° 01,884' W	64
M150_498-1	22.09.2018 16:04	SG	38° 39,491' N	027° 00,863' W	149
M150_499-1	22.09.2018 16:15	SG	38° 39,490' N	027° 00,864' W	149
M150_500-1	22.09.2018 16:28	HG	38° 39,491' N	027° 00,864' W	149
M150_501-1	22.09.2018 16:40	HG	38° 39,489' N	027° 00,864' W	149
M150_502-1	22.09.2018 16:51	HG	38° 39,492' N	027° 00,864' W	149
M150_503-1	22.09.2018 17:02	HG	38° 39,491' N	027° 00,863' W	149
M150_504-1	22.09.2018 17:44	BC	38° 39,489' N	027° 00,862' W	149
M150_505-1	22.09.2018 18:59	CTD	38° 36,717' N	026° 59,042' W	607
M150_506-1	22.09.2018 19:42	BC	38° 36,761' N	026° 59,067' W	600
M150_507-1	22.09.2018 20:23	BC	38° 36,762' N	026° 59,069' W	600
M150_508-1	22.09.2018 21:53	CTD	38° 32,902' N	026° 56,464' W	1000
M150_509-1	22.09.2018 22:56	BC	38° 32,902' N	026° 56,464' W	1000
M150_510-1	23.09.2018 01:14	AGT	38° 31,859' N	026° 55,432' W	1071
M150_511-1	23.09.2018 09:32	CTD	38° 42,391' N	027° 22,979' W	301
M150_512-1	23.09.2018 10:05	PN vert.	38° 42,393' N	027° 22,977' W	302
M150_513-1	23.09.2018 10:30	PN hor.	38° 42,391' N	027° 22,978' W	300
M150_514-1	23.09.2018 11:14	HG	38° 42,381' N	027° 22,981' W	295
M150_515-1	23.09.2018 11:27	HG	38° 42,381' N	027° 22,981' W	300
M150_516-1	23.09.2018 11:43	SG	38° 42,380' N	027° 22,982' W	295
M150_517-1	23.09.2018 12:13	SG	38° 42,381' N	027° 22,981' W	295
M150_518-1	23.09.2018 12:29	SG	38° 42,381' N	027° 22,980' W	296
M150_519-1	23.09.2018 12:45	SG	38° 42,382' N	027° 22,980' W	297
M150_520-1	23.09.2018 13:02	SG	38° 42,381' N	027° 22,981' W	295
M150_521-1	23.09.2018 13:33	SG	38° 42,381' N	027° 22,980' W	292
M150_522-1	23.09.2018 14:18	CTD	38° 42,397' N	027° 22,875' W	151
M150_523-1	23.09.2018 14:53	PN hor.	38° 42,122' N	027° 23,144' W	492
M150_524-1	23.09.2018 15:21	UWC	38° 42,397' N	027° 22,875' W	161
M150_525-1	23.09.2018 16:06	SG	38° 42,397' N	027° 22,876' W	158
M150_526-1	23.09.2018 16:18	SG	38° 42,397' N	027° 22,876' W	161
M150_527-1	23.09.2018 16:32	SG	38° 42,397' N	027° 22,876' W	151
M150_528-1	23.09.2018 17:49	UWC	38° 42,431' N	027° 22,493' W	48
M150_529-1	23.09.2018 18:57	CTD	38° 42,374' N	027° 23,095' W	400
M150_530-1	23.09.2018 19:28	BC	38° 42,375' N	027° 23,097' W	395
M150_531-1	23.09.2018 20:58	CTD	38° 42,099' N	027° 25,985' W	1496
M150_532-1	23.09.2018 22:20	BC	38° 42,100' N	027° 25,994' W	1500
M150_533-1	23.09.2018 23:36	MUC	38° 42,099' N	027° 25,995' W	1500
M150_534-1	24.09.2018 02:39	AGT	38° 42,489' N	027° 29,334' W	1819
M150_535-1	24.09.2018 23:07	ADCP	37° 19,361' N	024° 40,417' W	1369
M150_536-1	25.09.2018 02:28	ADCP	37° 18,928' N	024° 50,172' W	1574
M150_537-1	25.09.2018 08:24	CTD	37° 13,931' N	024° 36,463' W	994
M150_538-1	25.09.2018 09:55	UWC	37° 14,867' N	024° 42,086' W	149
M150_539-1	25.09.2018 14:44	CTD	37° 14,876' N	024° 42,096' W	150
M150_540-1	25.09.2018 15:08	HG	37° 14,877' N	024° 42,094' W	150
M150_541-1	25.09.2018 15:20	HG	37° 14,876' N	024° 42,095' W	151
M150_542-1	25.09.2018 15:31	HG	37° 14,875' N	024° 42,096' W	150
M150_543-1	25.09.2018 15:42	HG	37° 14,875' N	024° 42,096' W	150
M150_544-1	25.09.2018 15:52	HG	37° 14,874' N	024° 42,095' W	150
M150_545-1	25.09.2018 16:14	SG	37° 14,873' N	024° 42,097' W	150
M150_546-1	25.09.2018 16:26	SG	37° 14,874' N	024° 42,098' W	150
M150_547-1	25.09.2018 17:11	SG	37° 14,805' N	024° 41,739' W	298
M150_548-1	25.09.2018 17:29	SG	37° 14,805' N	024° 41,732' W	307
M150_549-1	25.09.2018 18:16	CTD	37° 14,771' N	024° 41,527' W	499
M150_550-1	25.09.2018 18:55	SG	37° 14,773' N	024° 41,525' W	500
M150_551-1	25.09.2018 19:17	SG	37° 14,773' N	024° 41,526' W	501
M150_552-1	25.09.2018 19:42	HG	37° 14,771' N	024° 41,526' W	500
M150_553-1	25.09.2018 20:01	HG	37° 14,771' N	024° 41,524' W	503
M150_554-1	25.09.2018 20:17	HG	37° 14,773' N	024° 41,525' W	500
M150_555-1	25.09.2018 20:31	HG	37° 14,772' N	024° 41,525' W	500
M150_556-1	25.09.2018 20:46	HG	37° 14,773' N	024° 41,526' W	502

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_557-1	25.09.2018 21:47	ADCP	37° 18,985' N	024° 41,027' W	1269
M150_558-1	26.09.2018 01:10	ADCP	37° 11,531' N	024° 34,373' W	1442
M150_559-1	26.09.2018 04:23	ADCP	37° 18,894' N	024° 50,064' W	1564
M150_560-1	26.09.2018 08:05	CTD	37° 22,531' N	024° 44,545' W	2082
M150_561-1	26.09.2018 09:50	CTD	37° 22,418' N	024° 44,374' W	2061
M150_562-1	26.09.2018 14:39	UWC	37° 14,770' N	024° 45,503' W	59
M150_563-1	26.09.2018 15:58	CTD	37° 14,106' N	024° 45,594' W	154
M150_564-1	26.09.2018 16:19	HG	37° 14,106' N	024° 45,593' W	155
M150_565-1	26.09.2018 16:31	HG	37° 14,106' N	024° 45,594' W	155
M150_566-1	26.09.2018 16:41	HG	37° 14,106' N	024° 45,594' W	153
M150_567-1	26.09.2018 16:52	HG	37° 14,107' N	024° 45,594' W	154
M150_568-1	26.09.2018 17:04	HG	37° 14,106' N	024° 45,595' W	154
M150_569-1	26.09.2018 17:21	SG	37° 14,107' N	024° 45,598' W	153
M150_570-1	26.09.2018 17:32	SG	37° 14,107' N	024° 45,595' W	154
M150_571-1	26.09.2018 17:42	SG	37° 14,106' N	024° 45,596' W	154
M150_572-1	26.09.2018 18:28	CTD	37° 13,954' N	024° 45,614' W	243
M150_573-1	26.09.2018 18:59	SG	37° 13,897' N	024° 45,624' W	298
M150_574-1	26.09.2018 19:14	SG	37° 13,897' N	024° 45,625' W	297
M150_575-1	26.09.2018 19:32	HG	37° 13,897' N	024° 45,624' W	299
M150_576-1	26.09.2018 19:47	HG	37° 13,897' N	024° 45,625' W	298
M150_577-1	26.09.2018 20:02	HG	37° 13,898' N	024° 45,623' W	298
M150_578-1	26.09.2018 20:18	HG	37° 13,899' N	024° 45,624' W	296
M150_579-1	26.09.2018 20:32	HG	37° 13,898' N	024° 45,623' W	299
M150_580-1	26.09.2018 20:47	HG	37° 13,897' N	024° 45,624' W	298
M150_581-1	26.09.2018 21:01	HG	37° 13,897' N	024° 45,625' W	299
M150_582-1	26.09.2018 21:16	HG	37° 13,898' N	024° 45,625' W	298
M150_583-1	26.09.2018 21:30	HG	37° 13,898' N	024° 45,623' W	298
M150_584-1	26.09.2018 22:45	CTD	37° 11,007' N	024° 45,993' W	1012
M150_585-1	27.09.2018 00:43	ADCP	37° 18,939' N	024° 50,187' W	1577
M150_586-1	27.09.2018 04:53	ADCP	37° 10,508' N	024° 47,494' W	1234
M150_587-1	27.09.2018 08:14	CTD	37° 16,465' N	024° 45,276' W	150
M150_588-1	27.09.2018 08:46	UWC	37° 16,467' N	024° 45,274' W	152
M150_589-1	27.09.2018 09:14	HG	37° 16,468' N	024° 45,273' W	152
M150_590-1	27.09.2018 09:23	HG	37° 16,468' N	024° 45,273' W	153
M150_591-1	27.09.2018 09:33	HG	37° 16,467' N	024° 45,274' W	151
M150_592-1	27.09.2018 09:44	HG	37° 16,466' N	024° 45,274' W	148
M150_593-1	27.09.2018 09:53	HG	37° 16,466' N	024° 45,274' W	152
M150_594-1	27.09.2018 10:04	HG	37° 16,466' N	024° 45,276' W	150
M150_595-1	27.09.2018 10:18	SG	37° 16,466' N	024° 45,274' W	152
M150_596-1	27.09.2018 10:27	SG	37° 16,466' N	024° 45,274' W	163
M150_597-1	27.09.2018 11:11	CTD	37° 17,096' N	024° 45,226' W	302
M150_598-1	27.09.2018 11:34	SG	37° 17,095' N	024° 45,226' W	302
M150_599-1	27.09.2018 11:50	SG	37° 17,097' N	024° 45,225' W	303
M150_600-1	27.09.2018 12:08	HG	37° 17,096' N	024° 45,226' W	302
M150_601-1	27.09.2018 12:24	HG	37° 17,096' N	024° 45,225' W	303
M150_602-1	27.09.2018 12:40	HG	37° 17,096' N	024° 45,228' W	302
M150_603-1	27.09.2018 12:56	HG	37° 17,095' N	024° 45,227' W	302
M150_604-1	27.09.2018 13:12	HG	37° 17,096' N	024° 45,229' W	303
M150_605-1	27.09.2018 14:39	CTD	37° 12,889' N	024° 44,773' W	501
M150_606-1	27.09.2018 15:18	SG	37° 12,888' N	024° 44,774' W	501
M150_607-1	27.09.2018 15:45	SG	37° 12,886' N	024° 44,772' W	502
M150_608-1	27.09.2018 16:10	SG	37° 12,893' N	024° 44,790' W	497
M150_609-1	27.09.2018 16:35	SG	37° 12,894' N	024° 44,791' W	497
M150_610-1	27.09.2018 17:01	HG	37° 12,894' N	024° 44,792' W	499
M150_611-1	27.09.2018 17:28	HG	37° 12,894' N	024° 44,790' W	497
M150_612-1	27.09.2018 17:53	HG	37° 12,894' N	024° 44,790' W	496
M150_613-1	27.09.2018 18:15	HG	37° 12,894' N	024° 44,789' W	498
M150_614-1	27.09.2018 18:39	HG	37° 12,895' N	024° 44,788' W	496
M150_615-1	27.09.2018 19:30	CTD	37° 13,364' N	024° 44,721' W	300
M150_616-1	27.09.2018 19:49	SG	37° 13,364' N	024° 44,719' W	298
M150_617-1	27.09.2018 20:04	SG	37° 13,364' N	024° 44,718' W	297
M150_618-1	27.09.2018 20:20	HG	37° 13,363' N	024° 44,719' W	302
M150_619-1	27.09.2018 20:35	HG	37° 13,364' N	024° 44,718' W	300

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_620-1	27.09.2018 20:51	HG	37° 13,364' N	024° 44,721' W	271
M150_621-1	27.09.2018 21:06	HG	37° 13,364' N	024° 44,720' W	300
M150_622-1	27.09.2018 21:35	CTD	37° 13,562' N	024° 44,628' W	151
M150_623-1	27.09.2018 22:18	ADCP	37° 15,936' N	024° 43,358' W	268
M150_624-1	27.09.2018 23:48	ADCP	37° 18,944' N	024° 50,171' W	1577
M150_625-1	28.09.2018 03:51	ADCP	37° 10,431' N	024° 47,558' W	1235
M150_626-1	28.09.2018 06:17	ADCP	37° 18,939' N	024° 41,070' W	1255
M150_627-1	28.09.2018 08:19	UWC	37° 13,573' N	024° 44,653' W	151
M150_628-1	28.09.2018 09:20	UWC	37° 15,048' N	024° 44,282' W	54
M150_629-1	28.09.2018 09:46	SG	37° 15,049' N	024° 44,284' W	54
M150_629-1	28.09.2018 09:49	SG	37° 15,050' N	024° 44,282' W	54
M150_630-1	28.09.2018 09:54	SG	37° 15,050' N	024° 44,283' W	55
M150_631-1	28.09.2018 09:59	SG	37° 15,049' N	024° 44,282' W	54
M150_632-1	28.09.2018 11:08	SG	37° 13,571' N	024° 44,652' W	151
M150_633-1	28.09.2018 11:17	SG	37° 13,572' N	024° 44,653' W	151
M150_634-1	28.09.2018 11:28	HG	37° 13,572' N	024° 44,651' W	151
M150_635-1	28.09.2018 11:38	HG	37° 13,571' N	024° 44,652' W	151
M150_636-1	28.09.2018 11:47	HG	37° 13,572' N	024° 44,652' W	151
M150_637-1	28.09.2018 11:57	HG	37° 13,570' N	024° 44,651' W	151
M150_638-1	28.09.2018 12:09	HG	37° 13,569' N	024° 44,652' W	151
M150_639-1	28.09.2018 13:25	CTD	37° 16,712' N	024° 43,399' W	496
M150_640-1	28.09.2018 14:02	SG	37° 16,708' N	024° 43,401' W	494
M150_641-1	28.09.2018 14:22	SG	37° 16,710' N	024° 43,400' W	494
M150_642-1	28.09.2018 14:47	HG	37° 16,709' N	024° 43,400' W	495
M150_643-1	28.09.2018 15:08	HG	37° 16,708' N	024° 43,400' W	496
M150_644-1	28.09.2018 15:30	HG	37° 16,708' N	024° 43,401' W	495
M150_645-1	28.09.2018 15:53	HG	37° 16,711' N	024° 43,401' W	495
M150_646-1	28.09.2018 16:16	HG	37° 16,711' N	024° 43,399' W	496
M150_647-1	28.09.2018 17:00	CTD	37° 16,377' N	024° 43,690' W	303
M150_648-1	28.09.2018 18:26	ADCP	37° 18,902' N	024° 50,092' W	1565
M150_649-1	28.09.2018 21:33	ADCP	37° 11,526' N	024° 34,464' W	1490
M150_650-1	29.09.2018 00:34	ADCP	37° 18,900' N	024° 50,073' W	1567
M150_651-1	29.09.2018 04:39	ADCP	37° 18,941' N	024° 41,047' W	1261
M150_652-1	29.09.2018 07:08	ADCP	37° 10,493' N	024° 47,505' W	1226
M150_653-1	29.09.2018 09:16	ADCP	37° 18,893' N	024° 41,081' W	1241
M150_654-1	29.09.2018 10:22	CTD	37° 15,900' N	024° 44,091' W	151
M150_655-1	29.09.2018 10:56	UWC	37° 15,901' N	024° 44,092' W	151
M150_656-1	29.09.2018 11:45	UWC	37° 15,177' N	024° 44,479' W	151
M150_657-1	29.09.2018 12:04	SG	37° 15,176' N	024° 44,478' W	151
M150_658-1	29.09.2018 12:10	SG	37° 15,176' N	024° 44,479' W	62
M150_659-1	29.09.2018 12:17	SG	37° 15,175' N	024° 44,478' W	62
M150_660-1	29.09.2018 12:24	HG	37° 15,177' N	024° 44,479' W	62
M150_661-1	29.09.2018 12:30	HG	37° 15,176' N	024° 44,480' W	62
M150_662-1	29.09.2018 12:41	HG	37° 15,167' N	024° 44,471' W	63
M150_663-1	29.09.2018 13:07	HG	37° 15,896' N	024° 44,075' W	152
M150_664-1	29.09.2018 13:19	HG	37° 15,891' N	024° 44,073' W	151
M150_665-1	29.09.2018 13:30	HG	37° 15,893' N	024° 44,073' W	150
M150_666-1	29.09.2018 13:40	HG	37° 15,892' N	024° 44,075' W	150
M150_667-1	29.09.2018 13:51	HG	37° 15,892' N	024° 44,075' W	151
M150_668-1	29.09.2018 14:05	SG	37° 15,892' N	024° 44,074' W	152
M150_669-1	29.09.2018 14:15	SG	37° 15,892' N	024° 44,074' W	151
M150_670-1	29.09.2018 14:48	SG	37° 16,366' N	024° 43,671' W	303
M150_671-1	29.09.2018 15:03	SG	37° 16,365' N	024° 43,672' W	302
M150_672-1	29.09.2018 15:20	HG	37° 16,366' N	024° 43,672' W	302
M150_673-1	29.09.2018 15:35	HG	37° 16,365' N	024° 43,672' W	303
M150_674-1	29.09.2018 15:51	HG	37° 16,367' N	024° 43,672' W	305
M150_675-1	29.09.2018 16:07	HG	37° 16,367' N	024° 43,673' W	303
M150_676-1	29.09.2018 16:22	HG	37° 16,367' N	024° 43,672' W	303
M150_677-1	29.09.2018 17:30	ADCP	37° 18,979' N	024° 41,041' W	1264
M150_678-1	29.09.2018 19:48	ADCP	37° 10,490' N	024° 47,503' W	1236
M150_679-1	29.09.2018 21:58	ADCP	37° 18,947' N	024° 41,084' W	1255
M150_680-1	30.09.2018 00:13	ADCP	37° 10,563' N	024° 47,467' W	1191
M150_681-1	30.09.2018 02:19	ADCP	37° 18,926' N	024° 41,056' W	1250

Station	Date/Time UTC	Device	Latitude	Longitude	Depth (m)
M150_682-1	30.09.2018 04:39	ADCP	37° 10,487' N	024° 47,498' W	1236
M150_683-1	30.09.2018 07:31	ADCP	37° 18,910' N	024° 50,074' W	1543
M150_684-1	30.09.2018 10:49	ADCP	37° 11,534' N	024° 34,456' W	1475
M150_685-1	30.09.2018 14:06	ADCP	37° 18,897' N	024° 50,050' W	1539
M150_686-1	30.09.2018 17:27	ADCP	37° 11,549' N	024° 34,464' W	1475
M150_687-1	30.09.2018 22:13	ADCP	37° 10,537' N	024° 47,455' W	1193
M150_688-1	01.10.2018 00:35	ADCP	37° 18,821' N	024° 41,110' W	1229
M150_689-1	01.10.2018 02:55	ADCP	37° 10,528' N	024° 47,456' W	1196
M150_690-1	01.10.2018 05:17	ADCP	37° 18,917' N	024° 41,052' W	1253
M150_691-1	01.10.2018 07:36	ADCP	37° 10,501' N	024° 47,481' W	1234
M150_692-1	01.10.2018 10:50	ADCP	37° 18,883' N	024° 50,067' W	1540
M150_693-1	01.10.2018 14:04	ADCP	37° 11,540' N	024° 34,469' W	1484
M150_694-1	01.10.2018 17:16	ADCP	37° 18,904' N	024° 50,073' W	1568
M150_695-1	01.10.2018 20:29	ADCP	37° 11,582' N	024° 34,522' W	1488