

Cruise Report

# PROJECT TITLE

# Research vessel, Cruise No. XX,

# DATE – DATE, Port of mobilistaion (Country) – Port of demobilisation (Country)

Project Logo / Picture etc.

### AUTHORS

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# **1 Summary**

[Short paragraph summarizing the cruise.]

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**Fig. 1.1** Working area and track chart of R/V XY Cruise XY. Bathymetry from Smith and Sandwell (1997).

# **2 Research Programme/Objectives**

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# **3 Narrative of the Cruise**

[Describe the daily operations, from the moment the team boards the vessel. Describe/mention any activities relevant to the EUROFLEETS+ cruise, including safety trainings, preparation of equipment/sampling gear before reaching station. The format could be an extract from the daily log book related to the activities of EUROFLEETS+.

In addition, a **table, with mobilisation/demobilisation, time/date of departure**, station information (coordinates, arrival time/departure time), and **time/date of cruise finalisation**, clearly reflecting the days at sea/units of access.

Any activities onboard (sample processing, preparation of sampling gear, should be mentioned).]

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# **4 Preliminary Results**

**4.1 Underway Hydroacoustics (EXAMPLE)**

 (Brüning, M., Schulz, M. and Shipboard Scientific Party)

**4.1.1 System Overview and Data Processing**

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**4.2 Water and Plankton Sampling with CTD/Rosette**

**4.2.1 CTD Measurements and Sampling for Stable Isotopes**

(N. Gussone, A. Paul)

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**etc.**

# **5 Data and Sample Storage / Availability**

[IMPORTANT: Please specify how it will be ensured that (international) project partners who were unable to participate in the research cruise (e.g. related to Covid-19, if applicable) will receive access to the data and samples taken during the cruise.]

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# **6 Participants**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Name** | **Early career (Y/N)** | **Gender** | **Affiliation** | **On-board tasks** |
| **1** | Fred Feuerstein |  | M | AWI | CTD work, Nutrient analysis,  |
| **2** | NN, Student |  | M | OGS | Seismics watch |
| **3** | Etc. |  |  |  |  |

IMPORTANT: Indicate participants funded by EUROFLEETS+, e.g. with an asterisks.

If any participant/science party from the EUROFLEETS+ cruise are not funded by EUROFLEETS+, please indicate it.

AWI Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Bremerhaven, Germany

OGS National Institute of Oceanography and Experimental Geophysics, Trieste, Italy

...

[Please also add a list/table of remote participants, their tasks and role in processing the data/samples, if applicable].

# **7 Station List**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Station No.** | **Date** | **Time** | **Latitude** | **Longitude** | **WaterDepth** | **Gear** | **Remarks/Recovery** |
|  | **20XY** | **[UTC]** | **[°N]** | **[°W]** | **[m]** |  |  |
| XY | 12.6. | 17:24 | 16°50.41 | 16°43.96 | 330 | ROS/CTD | 300-200-100-50-25-0 m |
| XY | 12.6. | 18:30 | 16°50.40 | 16°43.93 | 330 | ROS/CTD | CTD 10 m above rosette, 16 bottles, 300 m |

# **8 Acknowledgements**

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# **9 References**

Sargent, J.R., 1976. The structure, metabolism and function of lipids in marine organisms. In: Malins, D.C., Sargent, J.R. (Eds.), Biochemical and Biophysical Perspectives in Marine Biology. Academic Press, London, pp. 149-212.

Smith, K.L., Ruhl, H.A., Kaufmann, R.S., Kahru, M., 2008. Tracing abyssal food supply back to upper-ocean processes over a 17-year time series in the northeast Pacific. Limnology and Oceanography 53, 2655-2667.