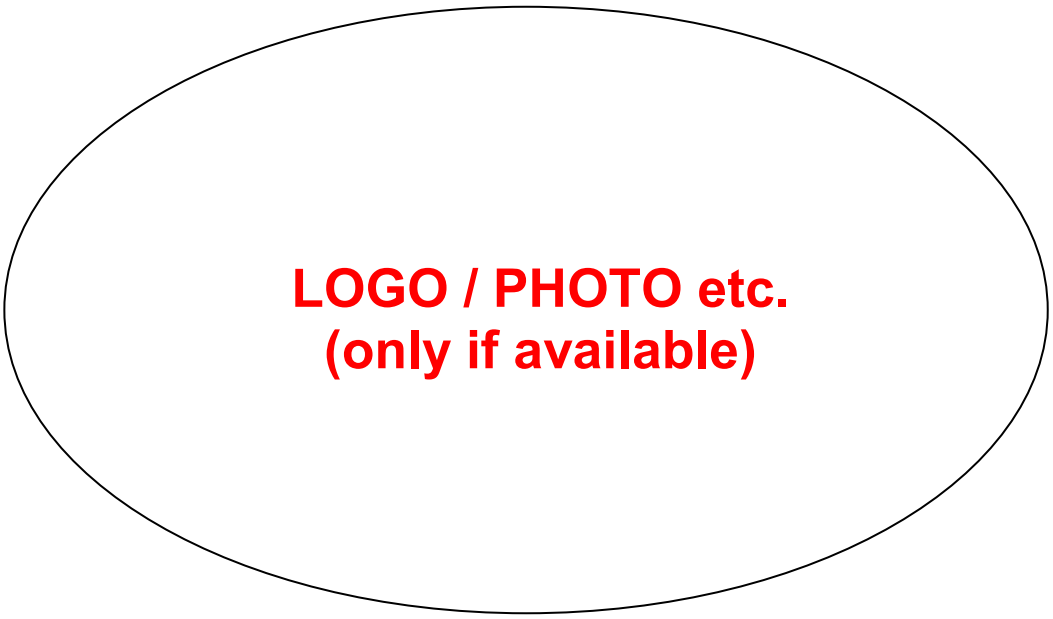
SONNE or METEOR or MARIA S.MERIAN or ALKOR or ELISABETH MANN BORGESE or HEINCKE-Berichte

TITLE

Cruise No. M or MSM or SO or POS or AL or HE or EMBXX/Leg

DATE – DATE,
Port of Sailing (Country) – Port of Arrival (Country)
ACRONYM (Kürzel laut Antrag)



AUTHORS

Chief Scientist
Institution

20XX

Table of Contents

1 Cruise Summary

1.1 Summary in English

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1.2 Zusammenfassung

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2 Participants

2.1 Principal Investigators

Name	Institution
Meyer, Johann, Prof.	GEOMAR

2.2 Scientific Party

Name	Discipline	Institution
Meyer, Johann, Prof.	Marine Geology / Chief Scientist	GEOMAR

2.3 Participating Institutions

GEOMAR	Helmholtz-Zentrum für Ozeanforschung Kiel
CAU	Christian-Albrechts-Universität zu Kiel
DWD	Deutscher Wetterdienst, Geschäftsfeld Seeschifffahrt
NIOZ	Netherlands Institute for Sea Research

3 Research Program

3.1 Description of the Work Area

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3.2 Aims of the Cruise

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3.3 Agenda of the Cruise

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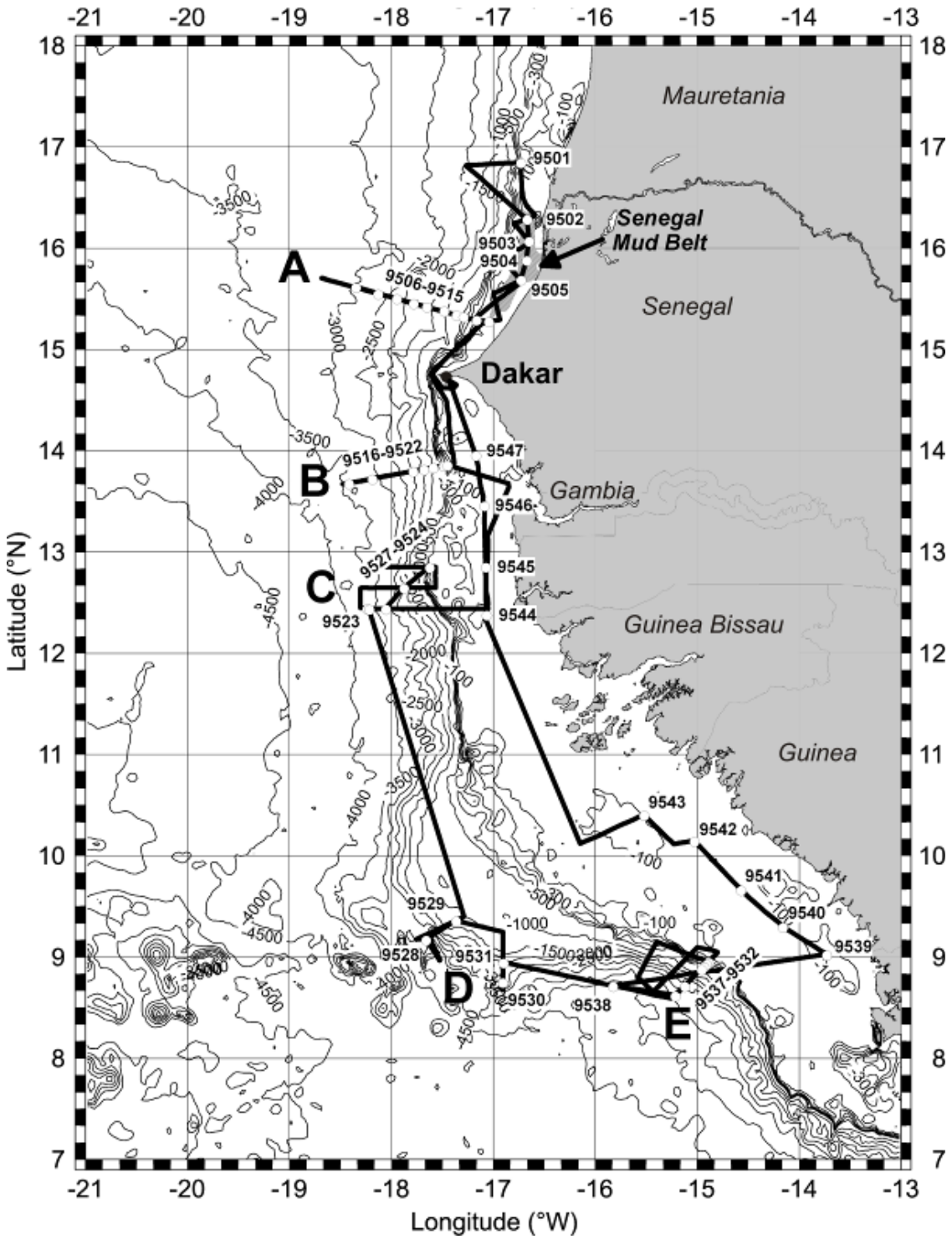

Fig. 3.1 Track chart of R/V METEOR Cruise M65/1. Bathymetry from Smith and Sandwell (1997). Six main working areas (Senegal Mudbelt and Working Areas A-E.

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4 Narrative of the Cruise

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5 Preliminary Results

5.1 Underway Hydroacoustics

(P. Winter and Shipboard Scientific Party)

5.1.1 System Overview and Data Processing

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5.2 Water and Plankton Sampling with CTD/Rosette

5.2.1 CTD Measurements and Sampling for Stable Isotopes

(D. Schulz[1], K. Meyer[2])

[1]GEOMAR

[2]IMFB

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5.X Expected Results *(only if available)*

(P. Meyer, Shipboard Scientific Party)

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6 Ship's Meteorological Station *(only if available)*

(A. Schmidt)

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7 Station List MXX/Y

7.1 Overall Station List

Station No.		Date	Gear	Time	Latitude	Longitude	Water Depth	Remarks/Recovery
METEOR	MARUM	2005		[UTC]	[°N]	[°W]	[m]	
M54/3_447-1	9501-1	12.6.	ROS/CTD	17:24	16°50.41’	16°43.96’	330.5	300-200-100-50-25-0 m
M54/3_448-2	9501-2	12.6.	ROS/CTD	18:30	16°50.40’	16°43.93’	330.5	CTD 10 m above rosette, 16 bottles, 300 m

7.2 Profile Station List (only if available)

Station No.	Profile Station No.	Date	Time	Latitude	Longitude	Max. Depth	Bottom	Profile numbers
METEOR		2015	h	[°N]	[°W]	[m]	[m]	
M54/3_447-1	01	12.6.	?	16°50.41’	16°43.96’	140 - 186	3617 - 3618	001 - 002
M54/3_448-2	02	12.6.	?	16°50.40’	16°43.93’	441 - 945	5071 - 5079	003 - 027

7.3 Sample Station List (only if available)

Station No.	Sample Station No.	Date	Time	Latitude	Longitude	Water Depth	?	?
METEOR		2015	h	[°N]	[°W]	[m]	?	
M54/3_447-1	01	12.6.	?	16°50.41’	16°43.96’	?	?	?
M54/3_448-2	02	12.6.	?	16°50.40’	16°43.93’	?	?	?

8 Data and Sample Storage and Availability

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Table 8.1 Overview of data availability

Type	Database	Available	Free Access	Contact
hydrography		Date	Date	E-Mail
raw data CTD, ADCP	PANGAEA	Jan.13	Jun.14	……..@.....de

9 Acknowledgements

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10 References

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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.

11 Abbreviations

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12 Appendices

12.1 Selected Pictures of Samples

12.2 Selected Pictures of Shipboard Operations

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