

# Leibniz Institute for Baltic Sea Research Warnemünde

## Cruise Report

r/v "Elisabeth Mann Borgese"



Cruise- No. EMB150

14 – 27 March, 2017

Western and central Baltic Sea

This report is based on preliminary data

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1. **Cruise No.:** EMB150
2. **Dates of the cruise:** from 14.03.2017 to 27.03.2017
3. **Particulars of the research vessel:**
  - Name: FS Elisabeth Mann Borgese
  - Nationality: Germany
  - Operating Authority: Baltic Sea Research Institute (BSRI) Warnemünde
4. **Geographical area in which ship has operated:**  
Western and central Baltic Sea
5. **Dates and names of ports of call**  
none
6. **Purpose of the cruise**  
Monitoring cruise in the framework of HELCOM programme
7. **Crew:**
  - Name of master: Tino Kaufmann
  - Number of crew: 10
8. **Research staff:**
  - Chief scientist: Dr. V. Mohrholtz
  - Scientists: Dr. N. Osma
  - Engineers: T. Heene, S. Weinreben
  - Technicians: M. Pötzsch, J. Donath, U. Hehl  
L. Kreuzer, I. Hand, I. Steffen
  - Polish observer: T. Battczak
9. **Co-operating institutions:**
10. **Scientific equipment**  
CTD + Rosette water sampler, Phytoplankton net, Zooplankton net (WP2), VMADCP, Thermosalinograph, Moorings, ScanFish, Microstructure profiler
11. **General remarks and preliminary result** (ca. 2 pages)  
The second monitoring cruise of the Leibniz Institute for Baltic Sea Research Warnemünde in 2017 was carried out with FS "Elisabeth Mann Borgese" between 14<sup>th</sup> and 27<sup>th</sup> March 2017. The cruise is part of the German contribution to the HELCOM COMBINE program and contributes to IOW's long term data series in the central Baltic Sea.  
  
The area under investigation covered the Baltic Sea between Kiel Bight and the northern Gotland Sea. Marine meteorological, hydrographic, hydrochemical and hydrobiological investigations were performed according to the COMBINE program of HELCOM.  
  
For detailed information and preliminary results refer to the attached detailed cruise report.

**Appendix:** Detailed scientific cruise report and preliminary results