



## **NATIONAL REPORT OF POLAND**

### **Executive summary**

This report summarizes activities of the Hydrographic Office/Service in the field of hydrography since the previous Baltic Sea Hydrographic Commission 17th Conference in 2012.

### **1. Hydrographic Office / Service**

AS In the IHO Yearbook

### **2. Hydrographic surveys**

Between 1 September 2012 and 23 August 2013, in Polish waters, hydrographic surveys were carried out as follows:

240 km<sup>2</sup> - HELCOM routes, Southern Baltic  
160 km<sup>2</sup> - coastal routes  
60 km<sup>2</sup> - inland waters  
22 km<sup>2</sup> - harbour areas

All surveys comply with the IHO S-44 Standards Special, 1a and 1b.

### **3. New Charts & Updates**

#### **ENCs:**

Polish waters are completely covered with all relevant navigational bands. Total: 55 cells in navigational purpose bands 2 – 5 (Band 2 – 1 cells, Band 3 – 15 cells, Band 4 – 13 cells, Band 5 – 26 cells).

ENCs are updated in real time.

In 2012 - 26 new editions and 292 updates have been released.

In 2013 till 23 Aug - 9 new editions and 240 updates have been released.

#### **ENC Distribution method**

Distribution Agreement with Norwegian Hydrographic Service (PRIMAR).

## RNCs

Not produced

## INT Charts

2013:

- 1288 Bałtyk. Zatoka Gdańska – część zachodnia
- 1289 Bałtyk. Zatoka Gdańska. Podejście do portów Gdańsk i Gdynia
- 1290 Bałtyk. Zatoka Gdańska. A.Plan portu Gdynia. B.Plan portu Gdańsk
- 1294 Bałtyk. Od Arkony do Niechorza
- 1295 Bałtyk. Zatoka Pomorska

## National Paper Charts

2013:

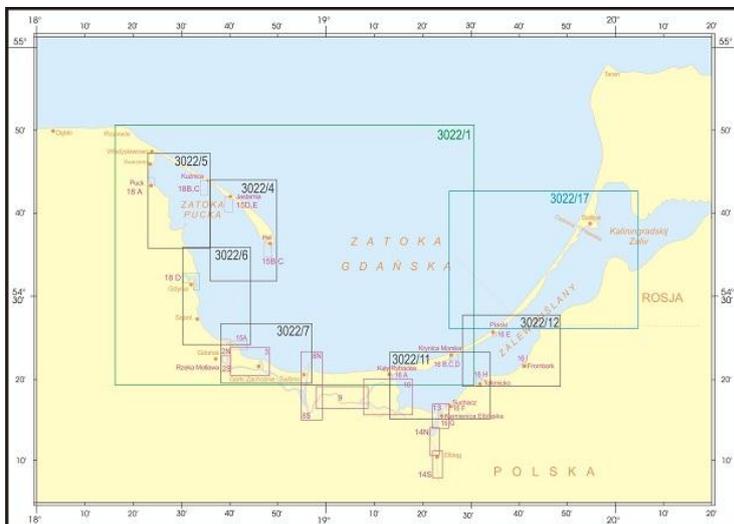
- 12 Bałtyk. Zatoka Gdańska. A.Plan portu Gdynia. B.Plan portu Gdańsk
- 44 Bałtyk. Zatoka Gdańska. Podejście do portów Gdańsk i Gdynia
- 45 Bałtyk. Zatoka Pucka
- 73 Bałtyk. Zatoka Gdańska – część zachodnia
- 74 Bałtyk. Bałtyk. Zatoka Pomorska
- 113 Bałtyk. Kattegat. Samsø Bælt
- 255 Bałtyk. Od Bornholmu do Ölandu

## Other Charts, e.g. for pleasure craft

2013:

Small craft charts – A joint project of the Polish HOPN and German BSH:

3022 Bałtyk. Zatoka Gdańska. Zalew Wiślany





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Problems encountered: NONE

## 4. New publications & Updates

Updates:

2012 & 2013:

551 - Symbols, abbreviations, terms used on charts published by HOPN,  
Ed. 2012;

Supplement No 1 for Pilot Book 502, Ed. 2013.

In addition:

521 - List of Lights, Vol 1, Ed. 2013 is scheduled to be released in Sept /Oct  
2013.

## 5. MSI

### Existing Infrastructure for Transmission

Since HOPN plays the role of the National Hydrographic Service, it is also a part of the general Polish Maritime Administration and operates as the National Coordinator of Navigational Warnings in the Polish Area of Responsibility. NAVTEX Service covers Polish waters, with messages being transmitted by the Witowo-Radio. In total, in 2012, 148 Navigational Warnings were promulgated by HOPN as Coastal and Subarea NavWarns. In 2013, until 23 August, HOPN promulgated 147 NavWarn.

Navigational Warnings (Subarea, Coastal and Local) and Information to mariners (NtM) are still available in Polish and English on the following web page:

[www.bhmw.mw.mil.pl](http://www.bhmw.mw.mil.pl)

## 6. S-55

Latest update 8 SEPTEMBER 2012

## 7. Capacity Building

A concept of the National System of Marine Geospatial Information is envisaged to be developed during next few years.

## 8. Oceanographic activities

The Maritime Branch of the Institute of Meteorology and Water Management – National Research Institute in Gdynia is the organization responsible for oceanographic services in Poland. It provides daily forecasts of water temperature, salinity, currents, sea level, and ice for the Southern Baltic are based on the HIROMB model as well as local models for the Gulf of Gdansk and Vistula Lagoon and Pomeranian Bay. All forecasts are available in the internet.

GEBCO/IBC's activities:

Tide gauges network of MB of IMWM-NRI in Gdynia - automated stations measuring water level along Polish coast of the Southern Baltic Sea.

Ferry-Box system of MB of IMWM-NRI in Gdynia installed onboard of the ferry of Stena Line Company, plying the Gdynia and Karlskrona route. The system measures water temperature, salinity, oxygen, fluorescence, and can collect samples of water for further analysis under way.

Problems encountered: NONE

## 9. Other activities

Participation in IHO Working Groups

BSHC and working groups established within the Commission  
(Monitoring Group, Group for the Seawater Level, BSICCWG)  
PRIMAR-Stavanger – PSAC and the Technical Experts Working Group  
IMO – NAV Subcommittee

Meteorological data collection – The Maritime Branch of the Institute of Meteorology and Water Management – National Research Institute in Gdynia is the organization responsible for weather forecast covering five areas of the Baltic Sea: western, southern, southeastern, central, and northern. The Institute maintains a network of weather stations along the Polish coast and collects data captured during meteorological measurements taken by commercial and research vessels.

Geospatial studies – In the immediate years, it is planned that a concept of a National System of the Marine Geospatial Information will be developed.

Environmental protection – The Maritime Branch of the Institute of Meteorology and Water Management – National Research Institute in Gdynia is the organization responsible for the environmental monitoring within Polish Exclusive Economic Zone of the Baltic Sea in accordance with program HELCOM Combine.

Astronomical observations – NONE

Magnetic/Gravity surveys – NONE

International