



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 16th Conference in 2011.

1. Hydrographic Office / Service

As in the IHO Yearbook

2. Hydrographic surveys

Between 1 September 2011 and 31 August 2012, in Polish waters, hydrographic surveys were carried out as follows:

373 km² - HELCOM routes, Southern Baltic
210 km² - coastal routes
100 km² - inland waters
20 km² - harbour areas

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

3. New Charts & Updates

ENCs:

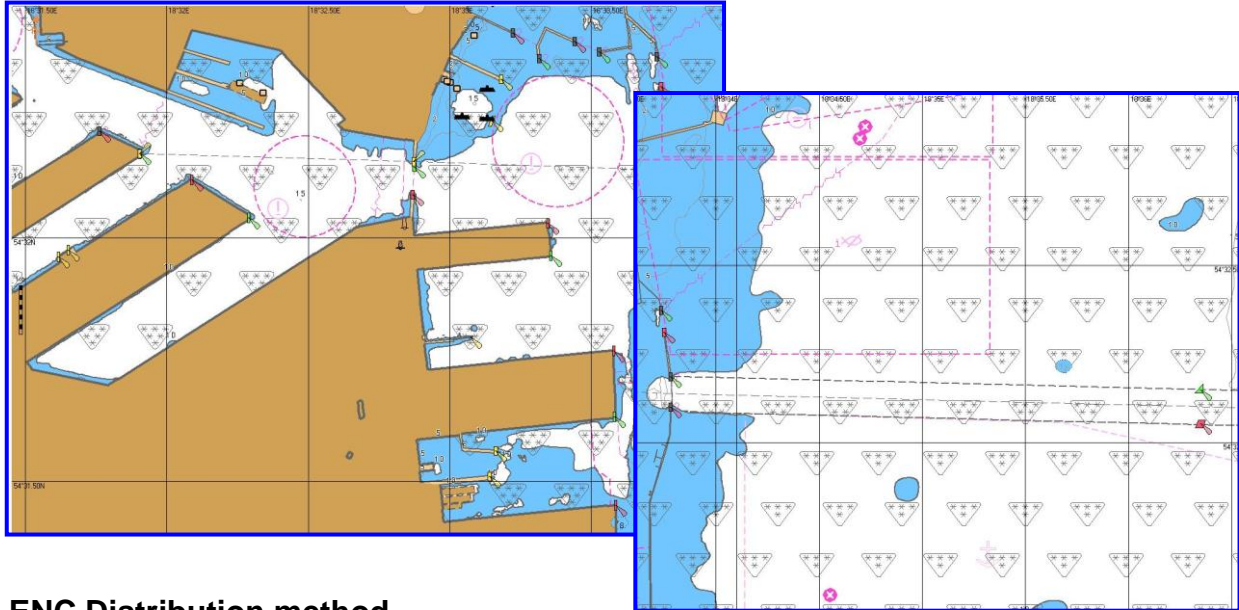
Polish waters are completely covered with all relevant navigational bands.
Total: 55 cells in navigational purpose bands 2 – 5 (General – 1 cell, Coastal – 15 cells, Approach – 13 cells, Harbour – 26 cells).

ENCs are updated in real time.

In 2011 - 30 new editions and 277 updates have been released.

In 2011 till 31Aug - 19 new editions and 210 updates have been released.

In 2012, based on the bathymetric data that has recently been captured, quality information M-QUAL and CATZOC were improved so that could meet the A1 level in major Polish ports of Gdynia, Gdańsk, and Szczecin and the A2 level in approach fairways leading to these ports.



ENC Distribution method

Distribution Agreement with Norwegian Hydrographic Service (PRIMAR).

RNCs

Not produced

INT Charts

2011:

1291 Bałtyk. Od Rozewia do Taranu

National Paper Charts

2011:

496 Bałtyk. Zatoka Botnicka – część południowa

497 Bałtyk. Zatoka Fińska

128 Bałtyk. Zatoka Kilońska

Flensburg. Podejście i port

156 Bałtyk. Zatoka Meklemburska

A. Przejście Fehmarnsund

B. Port Travemünde

C. Most Fehmarnsund

151 Bałtyk. Od Rozewia do Taranu

81 Bałtyk. Mały Bełt

46 Bałtyk. Zatoka Pomorska. Podejście do Świnoujścia

39 Bałtyk. Zalew Kamieński

A. Port Dziwnów

B. Port Kamień Pomorski

C. Port Wolin

23 Bałtyk. Zatoka Gdańska. Przekop Wisły – Zalew Wiślany

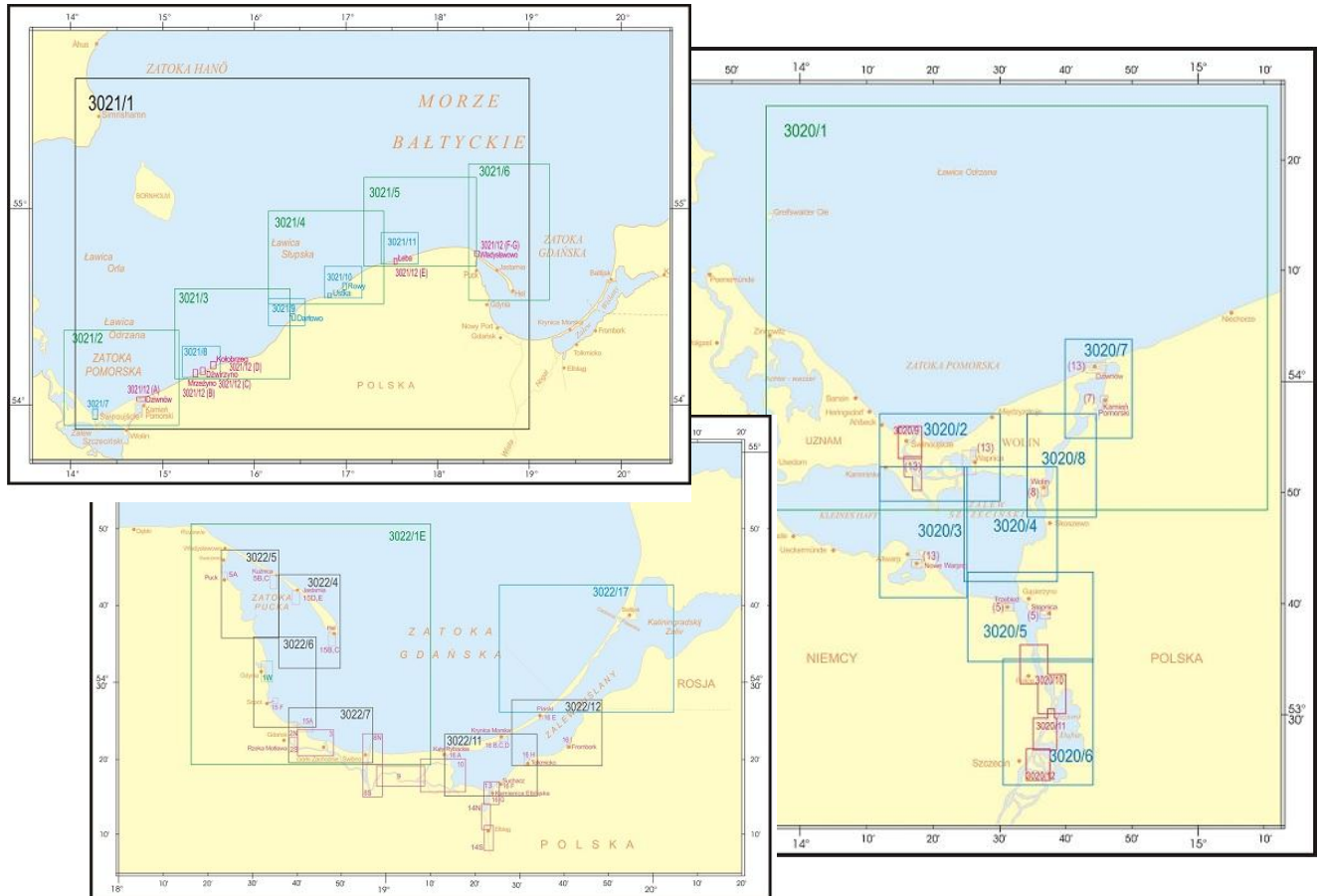
A. Przekop Wisły

B. Od Drewnicy do Rybiny

C. Od Rybiny do Stawy Gdańsk

Other Charts

Small craft charts (Atlases No 3020, 3021, 3022) – A joint project of the Polish HOPN and German BSH



2011:
3022 Bałtyk. Zatoka Gdańska i Zalew Wiślany (17 Sheets)

2012:
3020 Bałtyk. Zatoka Pomorska i Zalew Szczeciński (13 Sheets)
3021 Bałtyk. Od Zatoki Pomorskiej do Mierzei Helskiej (12 Sheets)

Problems encountered: NONE

4. New publications & Updates

Updates:

2011 & 2012:
522 - List of Lights, Vol 2, Ed. 2011
531 - List of Radio Signals, Ed. 2011
523 - List of Lights, Vol 3, Ed. 2012
552 – Chart Catalogue, Ed. 2012

In addition:

551 - Symbols, abbreviations, terms used on charts published by HOPN, Ed. 2012 is scheduled to be released in Sept / Oct 2012.



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 2011, 192 Navigational Warnings were promulgated by HOPN as Coastal and Subarea NavWarns. In 2012, until 28 August, HOPN promulgated 104 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

6. S-55

Latest update 8 Sept 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