

NATIONAL REPORT OF POLAND

Executive summary

This report summarizes activities of the Hydrographic Office of the Polish Navy and the wider Polish Hydrographic Service in hydrography from the 2015 20th Baltic Sea Hydrographic Commission Conference until now.

1. Hydrographic Office / Service

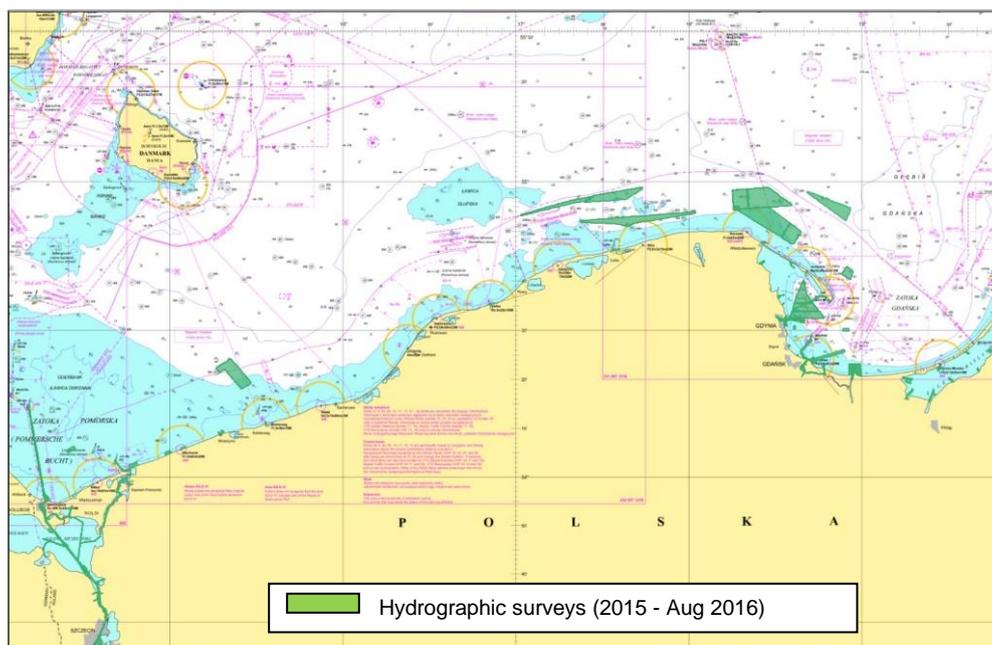
As in the IHO Yearbook.

2. Hydrographic surveys

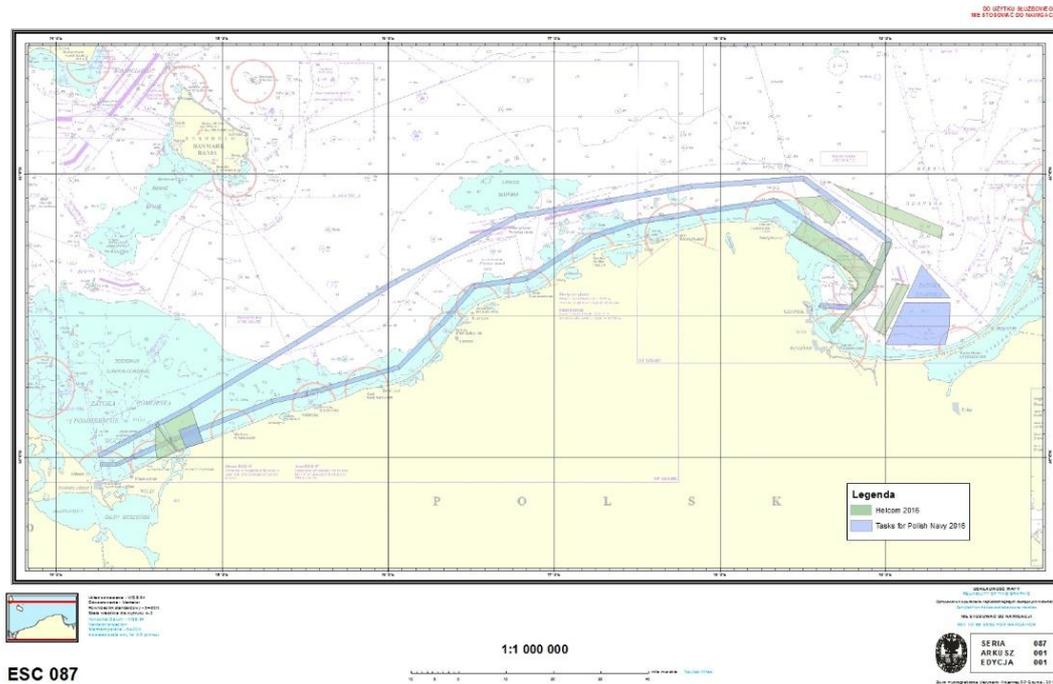
Between 1 September 2015 and 14 August 2016, in the Polish waters, hydrographic surveys were carried out as follows:

- 190 km² - HELCOM routes, Southern Baltic
- 75 km² - coastal routes
- 17 km² - inland waters

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



SURVEYS PLANNED IN 2016



3. New Charts & Updates

ENCs:

Polish waters are completely covered with all relevant navigational bands.
Total: 60 cells in navigational purpose (Band 2 – 1 cell, Band 3 – 15 cells, Band 4 – 14 cells, Band 5 – 30 cells).

ENCs are updated in real time.

In the year 2015 – 7 new editions and 384 updates have been released.

In the year 2016 (till 14 August) - 1 new cell, 2 new editions and 172 updates have been released.

Status of eliminating overlaps.

Overlaps are under permanent scrutiny. Currently, minor overlaps of less than 5 m exist along the border between Germany and Denmark. With regard to Russian Federation, the overlaps are more significant; in some areas from 5 m to 80 m.

Status of CATZOC.

Values A1, A2, B and C of CATZOC have been encoded in our ENCs. The A1 and A2 are used in the areas where survey data were captured with modern survey techniques (multi-beam echo-sounders).

In general, according to B, areas where data had been captured with single beam echo sounders, but are of good quality, were qualified. According to C, the rest

of the Polish sea areas have also been qualified. Based on the high quality survey data, the CATZOC coverage is updated as they come.

ENC Distribution method

All the Polish ENCs are distributed through the network of PRIMAR authorized distributors. Some cells, however, are distributed directly to the Polish Maritime Administration systems like the VTS and to educational institutions for training purposes.

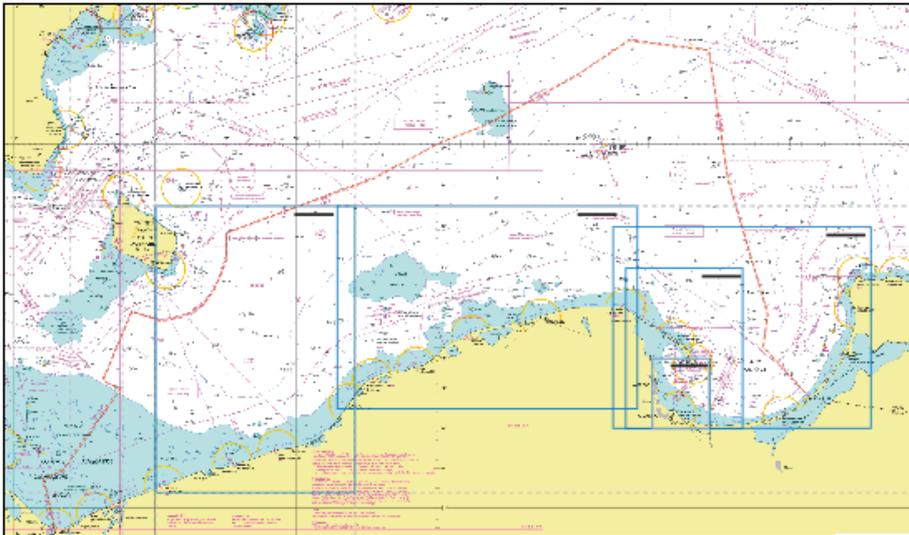
RNCs

Not produced

INT Charts

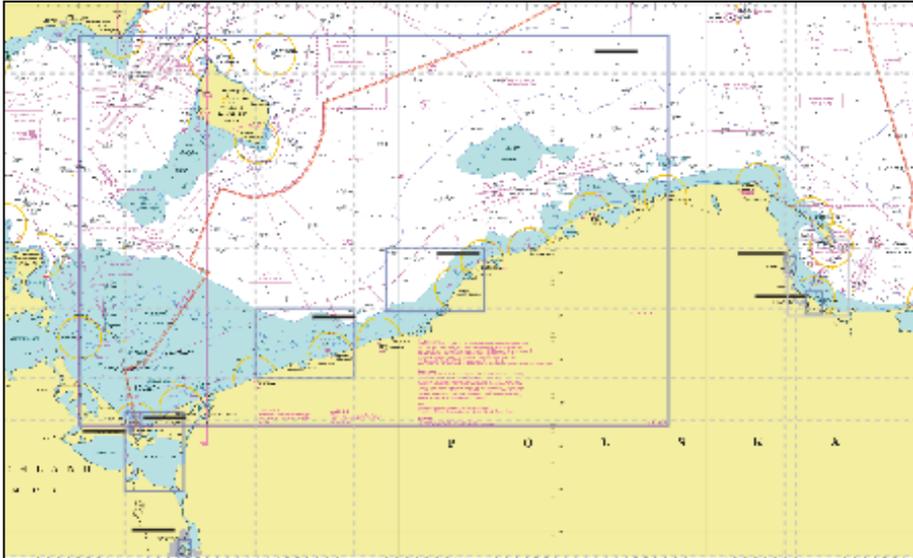
2015:

- INT 1288 (73) Bałtyk. Zatoka Gdańska. Część zachodnia. Port Władysławowo. Podejście do Poru Władysławowo
- INT 1289 (44) Bałtyk. Zatoka Gdańska. Podejście do portów Gdańsk i Gdynia
- INT 1291 (151) Bałtyk. Od Rozewia do Taranu
- INT 1292 (152) Bałtyk. Od Darłowa do Władysławowa
- INT 1293 (153) Bałtyk Południowy. Od Niechorza do Darłowa



2016:

- INT 1219 (252) Bałtyk Południowy. Wybrzeże polskie – część zachodnia
- INT 1290 (12) Bałtyk Południowo-wschodni. Zatoka Gdańska. Plan Poru Gdynia, Plan Portu Gdańsk
- INT 1297 (47) Bałtyk Południowy. Zalew Szczeciński – część północna
- INT 1299 (15) Bałtyk. Zatoka Pomorska. Plan Portu Szczecin. Plan Portu Świnoujście
- INT 1340 (56) Bałtyk Południowy. Wybrzeże polskie. Podejście do Portu Darłowo
- INT 1341 (57) Bałtyk Południowy. Wybrzeże polskie. Podejście do Portu Kołobrzeg



National Paper Charts

2015:

- 155 Bałtyk. Falster-Ystad-Arkona
- 156 Bałtyk Zachodni. Zatoka Meklemburska
- 258 Bałtyk. Od Gotland do Saaremaa
- 259 Bałtyk. Od Kalmarsund do Gotska Sandön
- 260 Bałtyk. Podejście do Sztokholmu
- 261 Bałtyk. Podejście do Zatoki Fińskiej i Zatoki Botnickiej
- 262 Bałtyk. Zatoka Fińska - część zachodnia
- 263 Bałtyk. Zatoka Fińska - część wschodnia
- 269 Bałtyk. Kattegat
- 270 Morze Północne. Skagerrak. Część wschodnia
- 495 Bałtyk. Zatoka Botnicka. Część północna
- 498 Bałtyk - część środkowa
- 499 Bałtyk. Cieśniny Bałtyckie

2016:

- 10 Bałtyk Południowo-wschodni. Zalew Wiślany. Port Elbląg z podejściem
- 41 Bałtyk. Zatoka Gdańska. Zalew Wiślany
- 54 Bałtyk Południowy. Wybrzeże polskie. Podejście do Portu Ustka
- 1501 Morze Bałtyckie

Other Charts, e.g. for pleasure craft

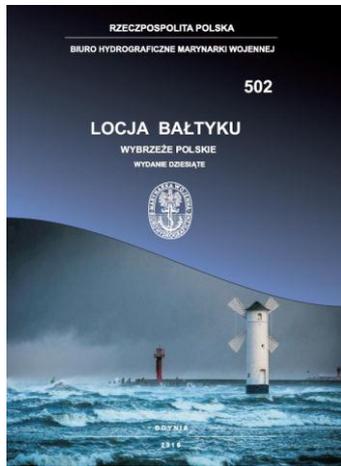
2015:

- 3022 Zatoka Gdańska. Zalew Wiślany

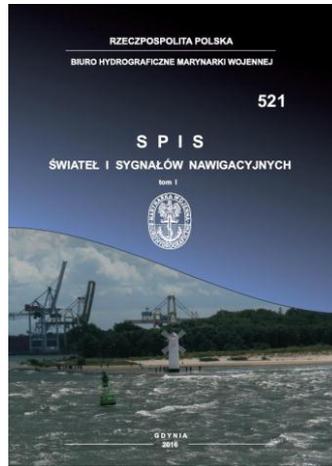
Problems encountered: NONE

4. New publications & Updates

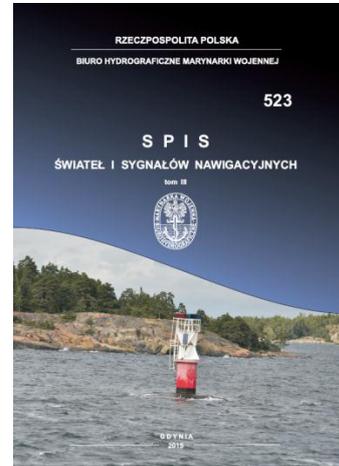
2015 & 2016:



NP 502, Sailing Directions,
Polish Coast, Ed. August 2016

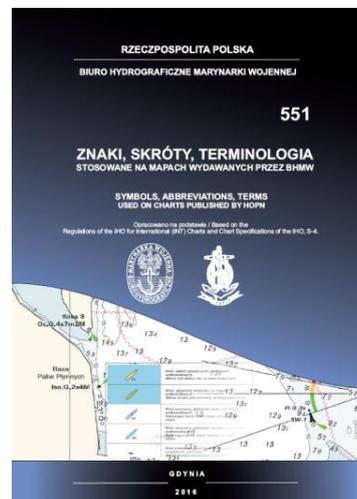


NP 521, List of Lights and Navigational
Signals, Ed. June 2016



NP 523, List of Lights
and Navigational
Signals, Ed. September
2015

NP 551, Symbols, abbreviations,
terms used on charts published
by HOPN, New Ed. scheduled
for October 2016



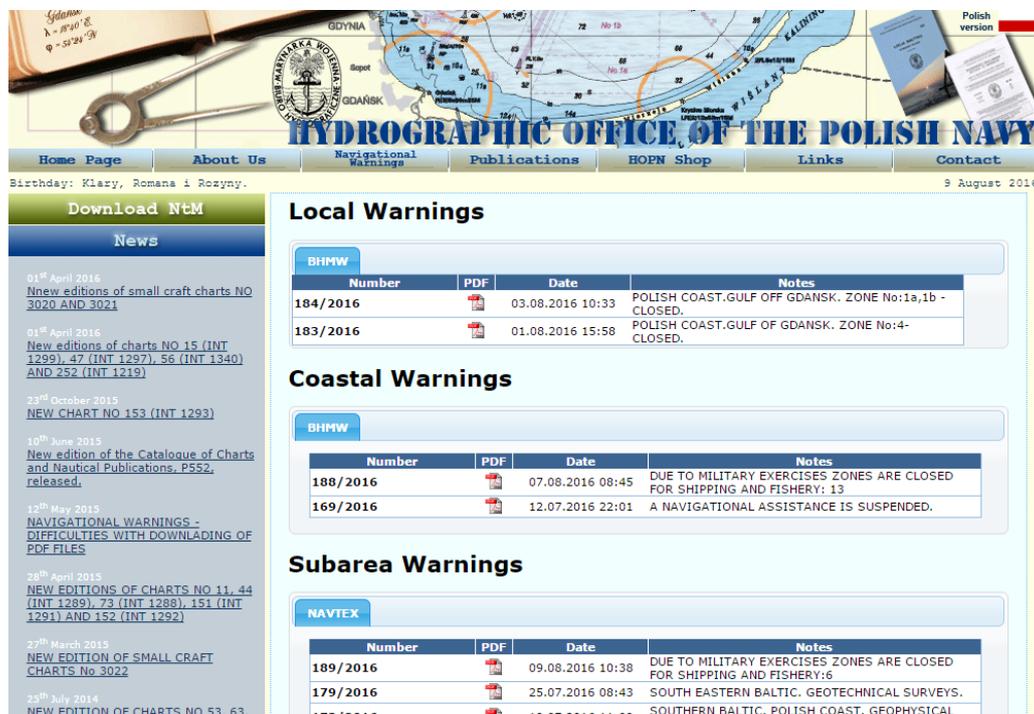
5. MSI

Existing Infrastructure for Transmission

Playing the role of the National Hydrographic Service, the HOPN is also a part of the wider 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 through the Sub-Area Coordinator (Sweden); they are also transmitted by the Witowo-Radio.

In 2015, 231 Navigational Warnings were promulgated by the HOPN as Coastal and Sub-Area NavWars. Until 1 September 2016, more than 200 NavWars were promulgated.

Furthermore, HOPN is developing new software editing NavWars and is creating NavWar records (complies with IHO/IMO/WMO guidelines laid down in NCSR&IHO documents).



The screenshot shows the website of the Hydrographic Office of the Polish Navy. The header includes the office's name and a navigation menu with links to Home Page, About Us, Navigational Warnings, Publications, HOPN Shop, Links, and Contact. Below the header, there is a 'Download NtM' section with a 'News' sub-section listing recent updates to charts and publications. The main content area is divided into three sections: 'Local Warnings', 'Coastal Warnings', and 'Subarea Warnings'. Each section contains a table of warnings with columns for Number, PDF, Date, and Notes. The 'Local Warnings' section shows two entries for BHMW, the 'Coastal Warnings' section shows two entries for BHMW, and the 'Subarea Warnings' section shows three entries for NAVTEX.

Number	PDF	Date	Notes
184/2016		03.08.2016 10:33	POLISH COAST.GULF OFF GDANSK. ZONE No:1a,1b - CLOSED.
183/2016		01.08.2016 15:58	POLISH COAST.GULF OF GDANSK. ZONE No:4- CLOSED.

Number	PDF	Date	Notes
188/2016		07.08.2016 08:45	DUE TO MILITARY EXERCISES ZONES ARE CLOSED FOR SHIPPING AND FISHERY: 13
169/2016		12.07.2016 22:01	A NAVIGATIONAL ASSISTANCE IS SUSPENDED.

Number	PDF	Date	Notes
189/2016		09.08.2016 10:38	DUE TO MILITARY EXERCISES ZONES ARE CLOSED FOR SHIPPING AND FISHERY:6
179/2016		25.07.2016 08:43	SOUTH EASTERN BALTIC. GEOTECHNICAL SURVEYS.
173/2016		18.07.2016 11:00	SOUTHERN BALTIC. POLISH COAST. GEOPHYSICAL

Screndump from www.hopn.mw.mil.pl (10Aug2016)

6. C-55

Latest update 8 September 2012; new updates will be delivered by the end of October 2016.

7. Capacity Building

Poland has not been active in the area of capacity building during the stated period.

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 service in Poland. It provides daily forecasts of water temperature, salinity, currents, sea level, and ice for the Southern Baltic 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 on 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.

Problems encountered: NONE

9. Other activities

1. This summer the new hydrographic boats have their first full operational surveying season. As required by the HOPN, they are surveying areas in the Gulf of Gdańsk.
2. The HOPN, as usual, was the lead organizer of the Polish 2016 World's Hydrographic Day. This year, the main national celebrations have taken place during the NATCON Conference, accompanying the International Exhibitions BALT MILITARY EXPO in Gdańsk. On 21st June, a special hydrographic session was held. Focused on the role for the maritime safety, its theme was the 2016 WHD's – *Hydrography key to effective management of marine resources and waterways*. It was chaired by the Chief of HOPN and one of the speakers was the UKHO's Captain Gary Hesling.

In the June edition of the popular Polish magazine *Seas, Ships and Warships*, a few articles were published that explained the role and operations of the Polish Hydrographic Service.





3. In 2016, the HOPN was visited by the UKHO delegation, headed by the RAdm. Tim LOWE, the National Hydrographer of UK.



4. In 2015, in western part of the Polish coast, the big LNG Terminal was tested and started its operations. The terminal was set up to the east of the “old” Port of Świnoujście, adjacent to it. The construction site required lots surveying conducted, chiefly, by the Maritime Administration.



5. The new Polish Government administration has undergone major overhaul. As a result of the process, the Ministry of Maritime Economy and Inland Shipping was created. The civilian Maritime Administration reports to the new ministry.