

NATIONAL REPORT OF POLAND

Executive summary

This report summarizes activities of the Hydrographic Office/Service in hydrography since the previous Baltic Sea Hydrographic Commission 23rd Conference in 2018.

1. Hydrographic Office / Service

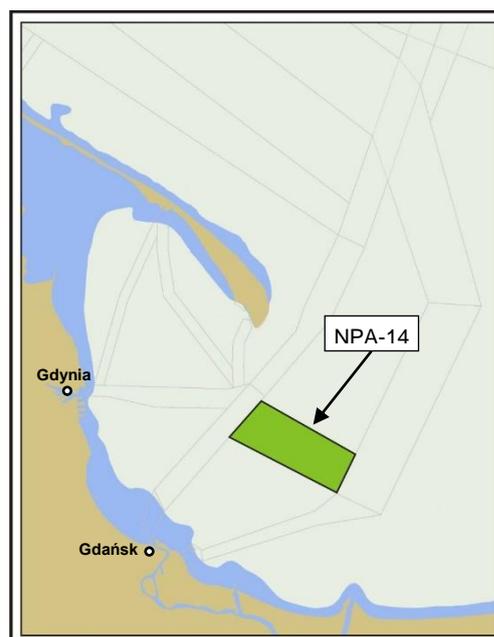
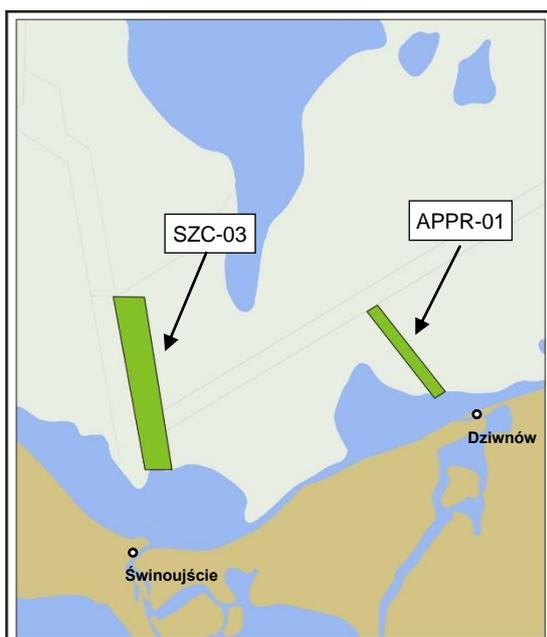
As in the IHO Yearbook

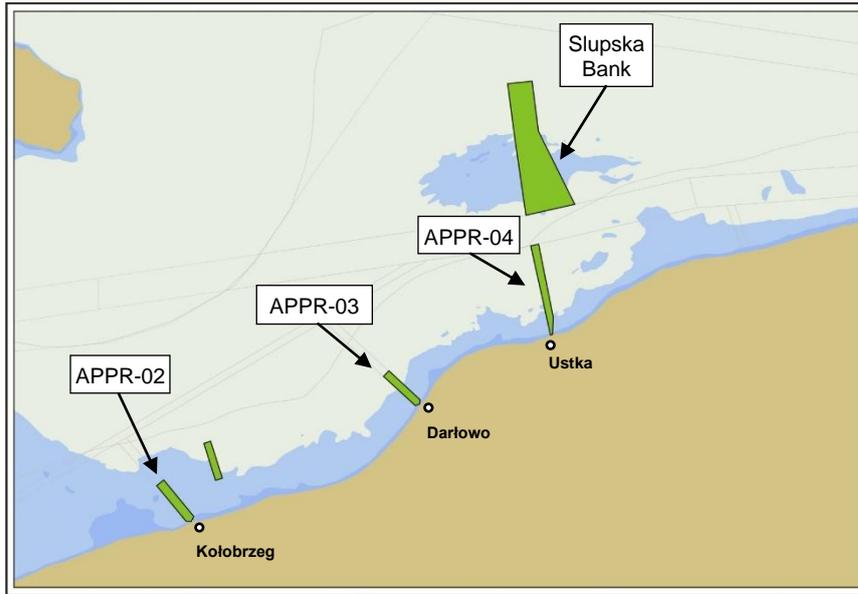
2. Hydrographic surveys

Between 30th June 2018 and 07th July 2019, in Polish waters, hydrographic surveys were carried out as follows:

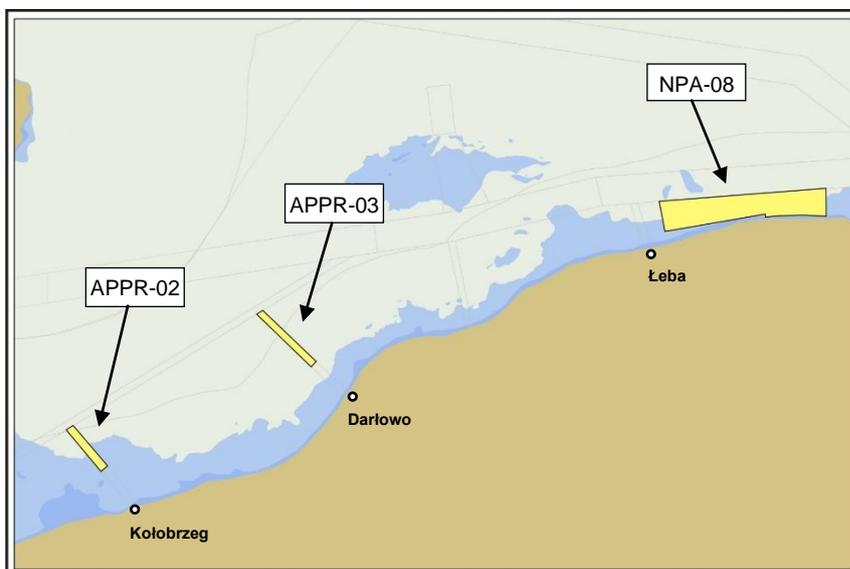
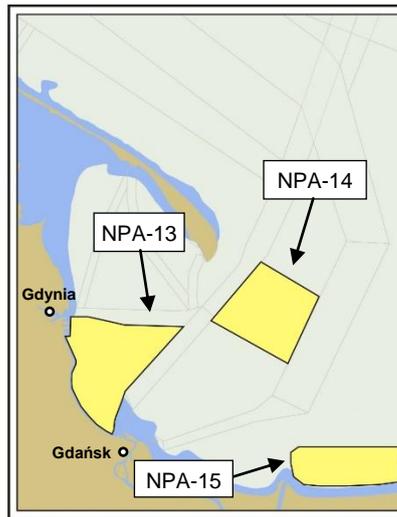
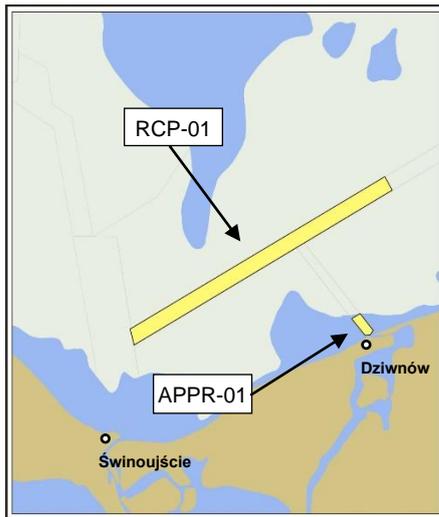
- 155,0 km² - HELCOM routes Cat. I&II,
- 297,2 km² - HELCOM routes Cat. III,
- 15,3 km² - inland waters.

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





Surveys planned for 2019 (Cat. II: 136 km², Cat. III: 509 km²)





3. New Charts & Updates

ENCs:

Polish waters are completely covered with all relevant navigational bands.
Total: 63 cells in navigational purpose bands 2 – 5 (Band 2 – 1 cells, Band 3 – 15 cells, Band 4 – 14 cells, Band 5 – 33 cells).

ENCs are updated on a weekly basis.

In the year 2018 – 13 new editions and 296 updates were released.

In the year 2019 (until 05 July) - 2 new cell, 11 new editions and 127 updates were released.

ENC Distribution method

All the Polish ENCs are distributed through the PRIMAR authorized distributors network.

RNCs

Not produced

National Paper Charts

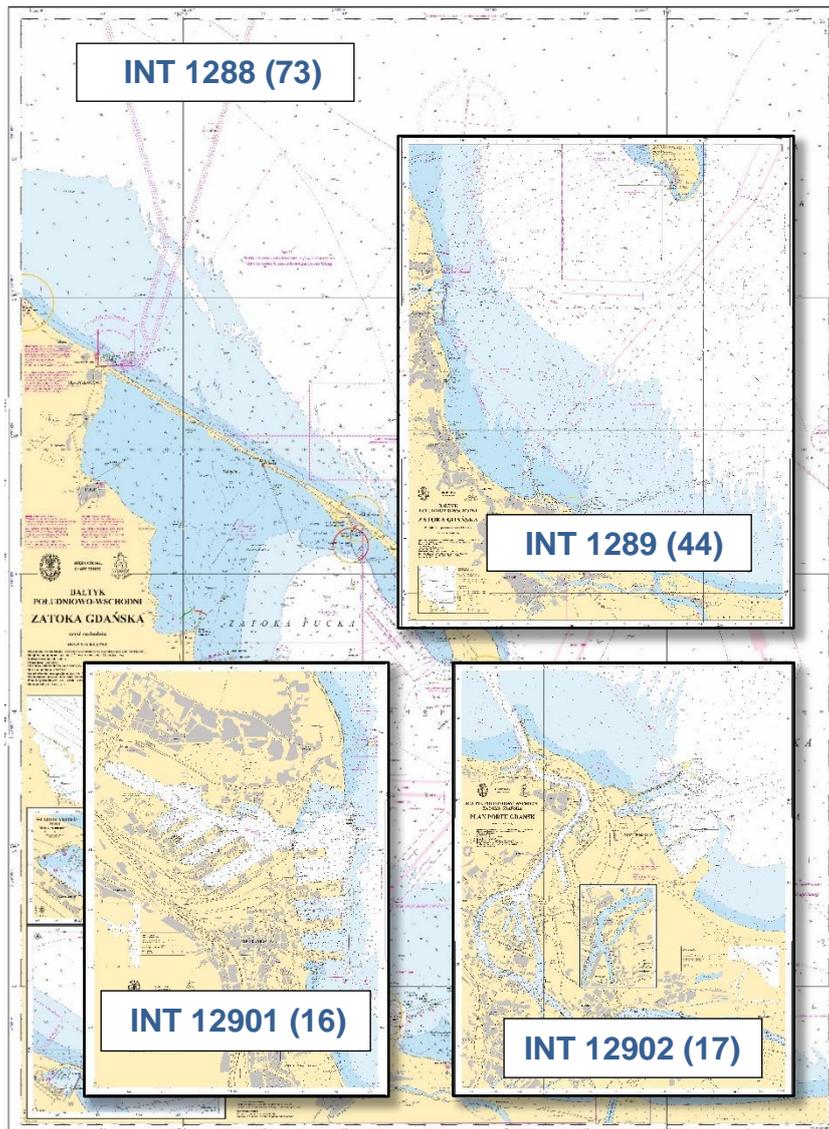
2018:

- 81 Bałtyk. Mały Belt
- 67 Bałtyk. Wielki Belt. Smolandsforvandet
- 113 Bałtyk. Kattegat. Samsø Bælt
- 256 Bałtyk. Od Kłajpedy do Pawłosty
- 257 Bałtyk. Zatoka Ryska

2019:

- 255 Bałtyk. Od Sadhammaren do Olandu
- 498 Bałtyk. Część środkowa
- 155 Bałtyk. Falster – Ystad - Arkona
- 157 Bałtyk zachodni. Zatoka Kilońska
- 158 (127) Bałtyk. Wybrzeże duńskie. Wielki Belt

Chart 127 - withdrawn and replaced by the Chart 158.



INT Charts

2018:

- INT 1288 (73) Bałtyk południowo-wschodni. Zatoka Gdańska. Część zachodnia
- INT1291 (151) Bałtyk południowo-wschodni. Od Rozewia do Taranu
- INT 12901 (16) Bałtyk południowo-wschodni. Zatoka Gdańska. Plan portu Gdynia
- INT 12902 (17) Bałtyk południowo-wschodni. Zatoka Gdańska. Plan portu Gdańsk

2019:

- INT 1289 (44) Bałtyk. Zatoka Gdańska. Podejście do portów Gdańsk i Gdynia
- INT 1294 (154) Bałtyk południowy. Od Arkony do Niechorza

Chart INT 1290 (12) was withdrawn and replaced by charts INT 12901 (16) and INT 12902 (17)

Other Charts, e.g. for pleasure craft

2018:

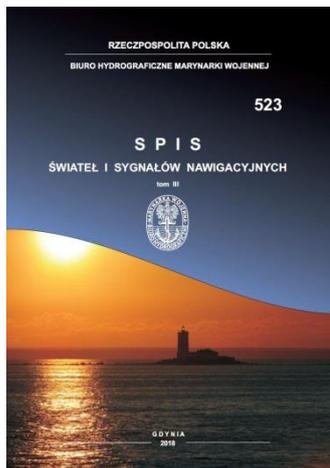
3022 Zatoka Gdańska i Zalew Wiślany

Charts 3022 - prepared in coordination with the Bundesamt für Seeschifffahrt und Hydrographie (BSH).

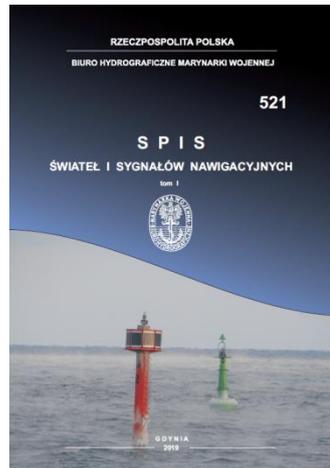
Problems encountered: NONE

4. New publications & Updates

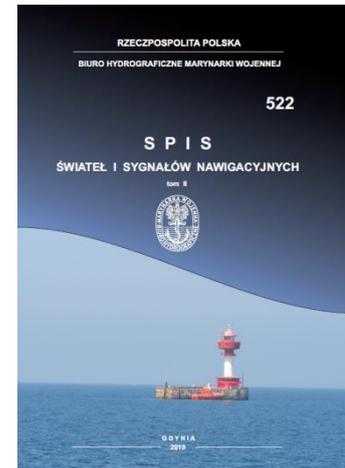
2018 & 2019:



List of Lights – 523
new ed. July 2018



List of Lights – 521
new ed. January 2019



List of Lights – 522
new ed. August 2019



5. MSI

Existing Infrastructure for Transmission

Playing the role of the National Hydrographic Service, the HOPN 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 2018, 310 Navigational Warnings were promulgated by the HOPN as Local, Coastal and Subarea NavWars. Until July 2019, 151 NawWars were promulgated.

6. S-55

Latest update 8 SEPTEMBER 2012

7. Capacity Building

In the stated time-frame, Poland was not active in the capacity building programme.

8. Oceanographic activities

The Maritime Branch of the Institute of Meteorology and Water Management – National Research Institute (MB of IMWM – NRI) 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, WaveWatch 3 and MIKE DHI 3D models 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 on board of the ferry of Stena Line Company, plying the Gdynia-Karlskrona route. The system measures water temperature, salinity, oxygen, fluorescence, and can collect samples of water for further analysis when under way.

Problems encountered: NONE

9. Other activities

This year, the World Hydrography Day was celebrated in Poland 29th June in Ustka, a small harbour in the Polish central coast. A hydrographic exhibition displayed for the general public nautical charts and publications, hydrographic and diving equipment operated by the HOPN, governmental and commercial organizations. Next to the exhibition, in the port channel the minesweeper of the Polish Navy ORP Wigry, hydrographic motor boats MH-3 and Hydrograf-2 were opened for the public.

In cooperation with the Ustka City Council, Hydrographic Conference was organized where many interesting presentations referring to hydrographic issue were presented. The Conference was attended by the Hydrographic Office of Polish Navy, Hydrographic Support Squadron of Polish Navy, Maritime Offices, Naval Academy, scientific societies and many others.

