

NATIONAL REPORT OF POLAND

Executive summary

This report summarizes activities of the Hydrographic Office of the Polish Navy/Polish Hydrographic Service in the field of hydrography since the 2017 Baltic Sea Hydrographic Commission 22nd Conference .

1. Hydrographic Office/Service

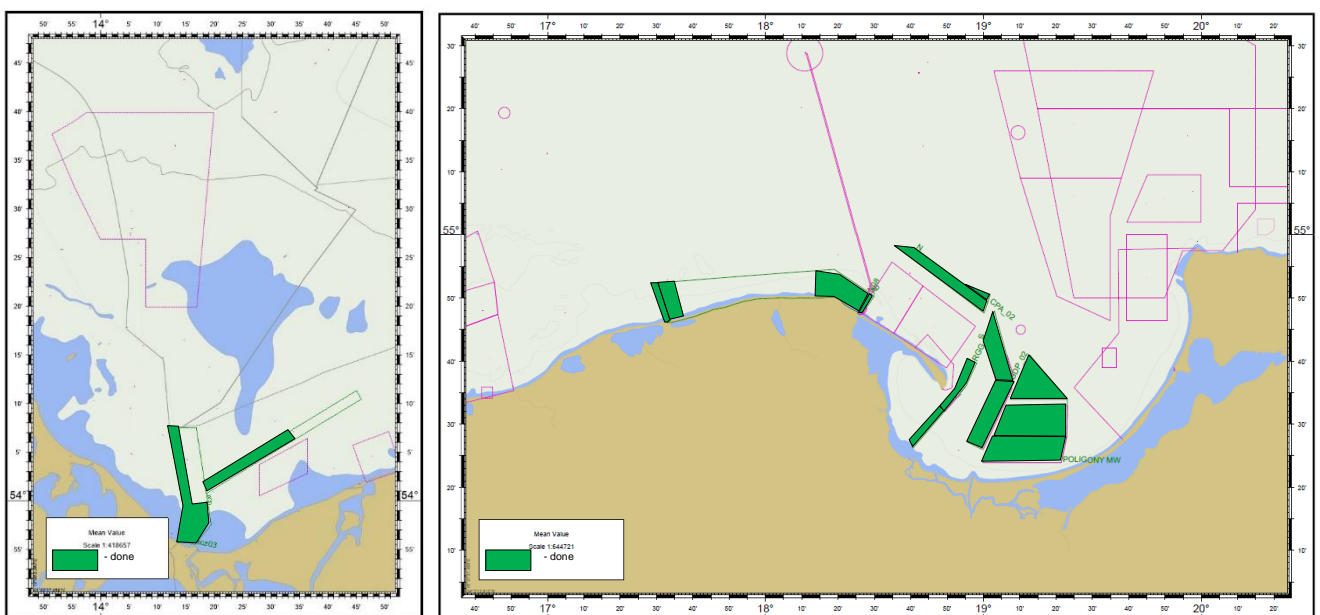
See: the IHO Yearbook

2. Hydrographic surveys

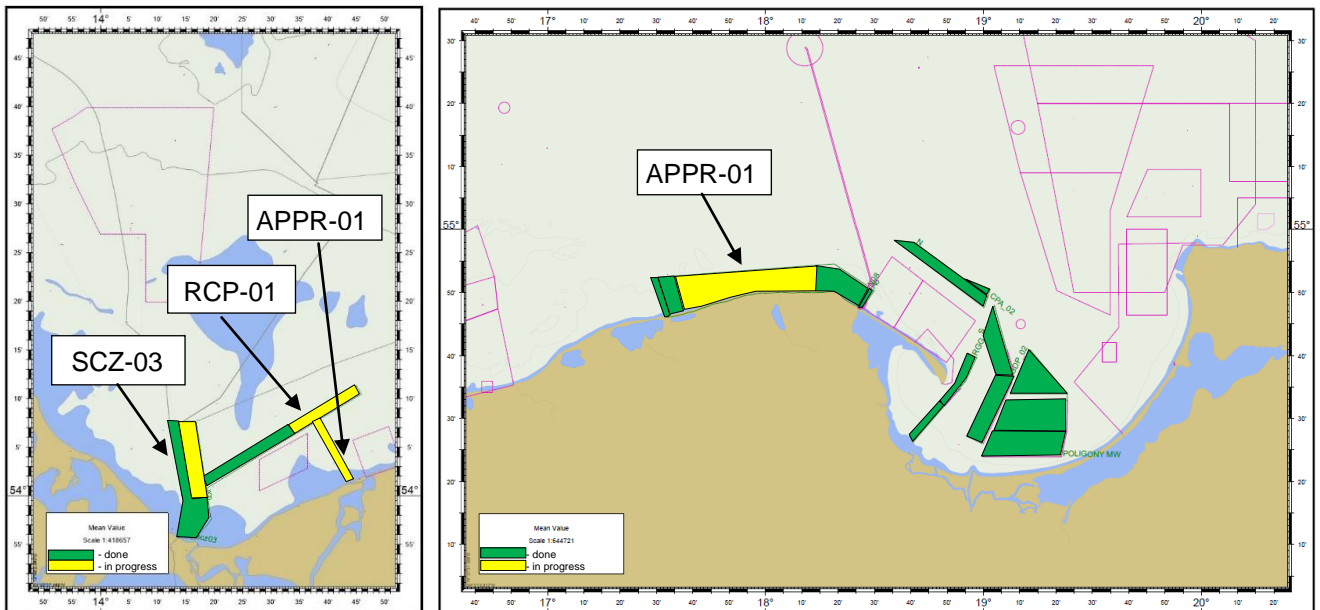
From 7 July 2017 to 30 June 2018, the following areas were surveyed within the Polish waters:

- 420,1 km² - HELCOM routes
- 244,6 km² - inshore routes
- 457,7 km² - military exercise areas,
- 12 km² - inland waters.

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



Surveys planned for 2018



3. New Charts & Updates

ENCs:

Polish waters are completely covered with all relevant navigational bands.
Total: 61 cells in navigational purpose bands 2 – 5 (Band 2 – 1 cells, Band 3 – 15 cells, Band 4 – 14 cells, Band 5 – 31 cells).

ENCs are updated on a weekly basis.

In 2017, 1 new cell, 15 new editions and 333 updates were released.

In 2018 (until 30 June), 1 new cell, 4 new editions and 187 updates were released.

ENC Distribution method

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

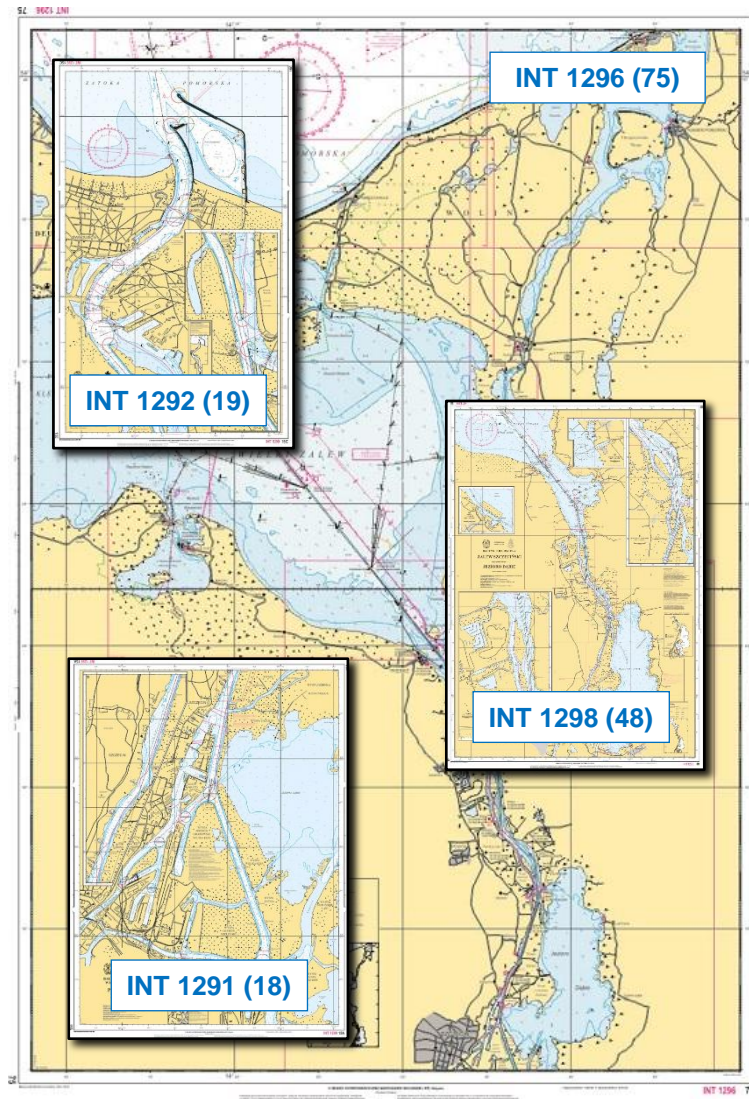
RNCs

Not produced

INT Charts

2017:

INT 1298 (48) Bałtyk południowy. Zalew Szczeciński – cz. południowa – Jezioro Dąbie



2018:

- INT 12991 (18) Bałtyk południowy. Zatoka Pomorska. Plan portu Szczecin
- INT 12992 (19) Bałtyk południowy. Zatoka Pomorska. Plan portu Świnoujście
- INT 1296 (75) Bałtyk południowy. Zalew Szczeciński

Chart INT 1299 (15) was withdrawn and replaced by charts INT 12991 (18) and INT 12992 (19)

National Paper Charts

2017:

- 68 Bałtyk. Cieśnina Sund – część południowa
- 69 Bałtyk. Cieśnina Sund – część północna
- 71 Bałtyk. Zatoka Gdańska – część wschodnia

2018:

- 39 Bałtyk południowy. Zalew Kamieński. Cieśnina Dziwna
- 269 Bałtyk. Kattegat
- 65 Bałtyk. Wybrzeże duńskie. Od Vejle do Samsø
- 270 Morze Północne. Skagerrak – część wschodnia

Other Charts, e.g. for pleasure craft

2017:

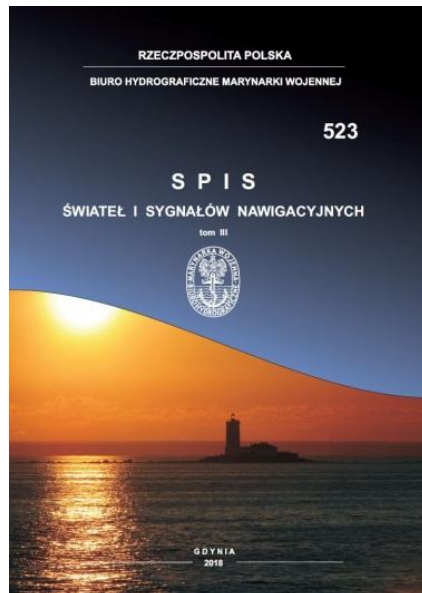
- 3020 Zatoka Pomorska i Zalew Szczeciński
- 3021 Od Zatoki Pomorskiej do Mierzei Helskiej

Charts 3020 and 3021 were prepared with coordination with Bundesamt für Seeschifffahrt und Hydrographie (BSH).

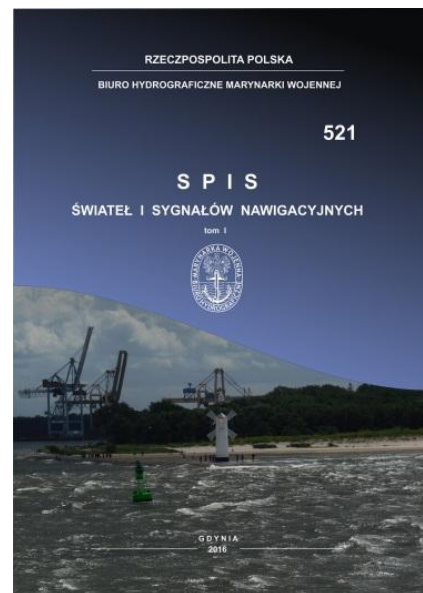
Problems encountered: NONE

4. New publications & Updates

2017 & 2018:



List of Lights – 523
new ed. July 2018



List of Lights – 521
new ed. October 2018

5. MSI

Existing Infrastructure for Transmission

Playing the role of the National Hydrographic Service, 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 2017, 312 Navigational Warnings were promulgated by HOPN as Local, Costal



and Subarea NavWars. Until 1 August 2018, 165 NavWars were promulgated. The HOPN has been developing new software to edit NavWars and create NavWars records (complies with IHO/IMO/WMO guidelines laid down in NCSR&IHO documents).

6. C-55

Latest update 8 SEPTEMBER 2012

7. Capacity Building

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

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 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 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

This year, the World Hydrography Day was celebrated in Poland on 26th June, during the Balt Military Expo Exhibition in Gdańsk. The Hydrographic Service of the Polish Navy exhibited there its surveying equipment and a surveying boat supplemented with nautical charts and nautical publications. The hydrographic stand appeared to have been an excellent opportunity to make aware other exhibitors and the visiting general public of what the hydrography really mean to human activity at sea.

Then, a scientific conference was also organized during the exhibition where topics related to hydrography occupied prominent position. The conference was attended

by the Hydrographic Office of Polish Navy, Hydrographic Support Squadron of Polish Navy, Maritime Boards, Naval Academy, the Faculty of Oceanography and Geography University of Gdańsk, the Polish Hydrographic Society, scientific societies and many others organizations.

During the WHD-18 events, the Hydrographic Office of the Polish Navy was awarded with the *Laur Graniczny* Boundary Statuette by the Polish Border Guard and with the Golden Propeller Award by the Maritime Commission of Polish Powerboating and Water Skiing Federation.

Word Hydrography Day Gdańsk, June 26th, 2018



