

## NATIONAL REPORT OF POLAND

### Executive summary

This report summarizes activities of the Hydrographic Office of the Polish Navy since the previous Baltic Sea Hydrographic Commission 24th Conference in 2019.

### 1. Hydrographic Office / Service

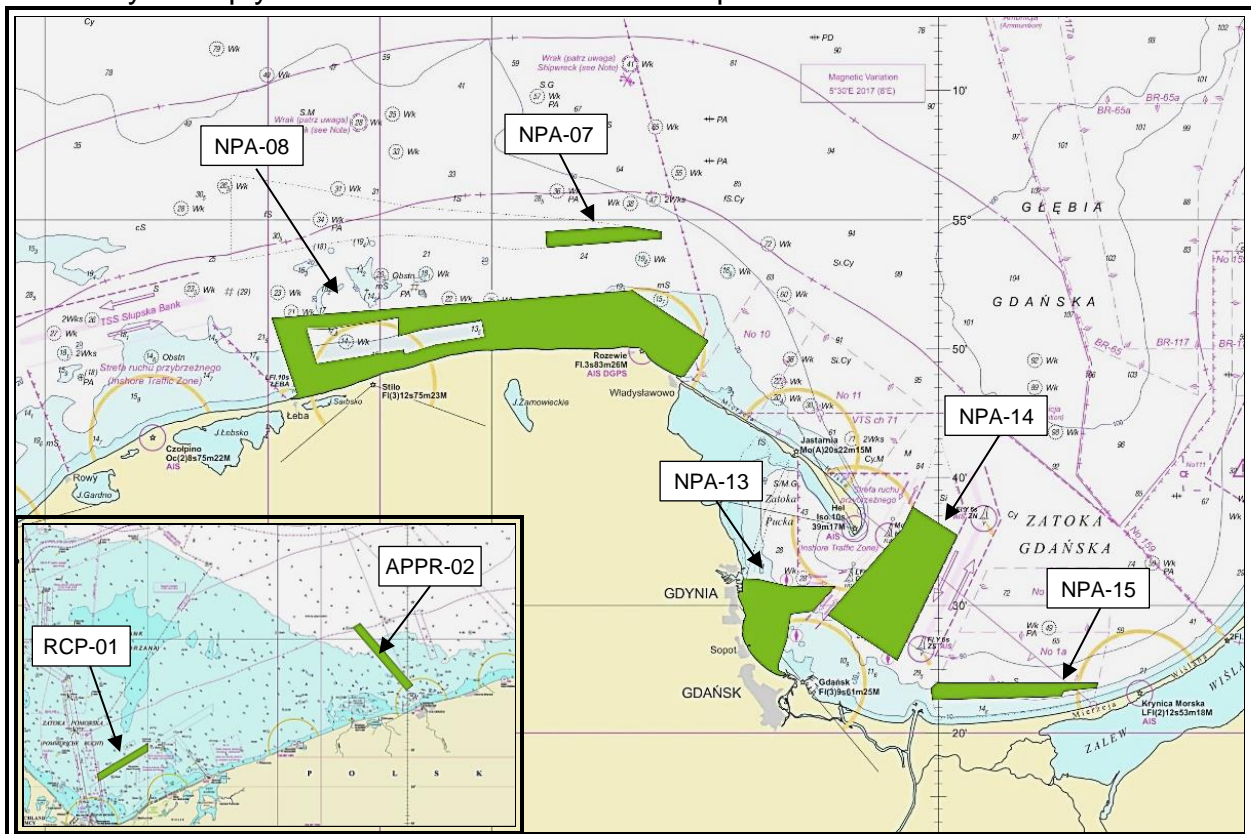
As in the IHO Yearbook

### 2. Hydrographic surveys

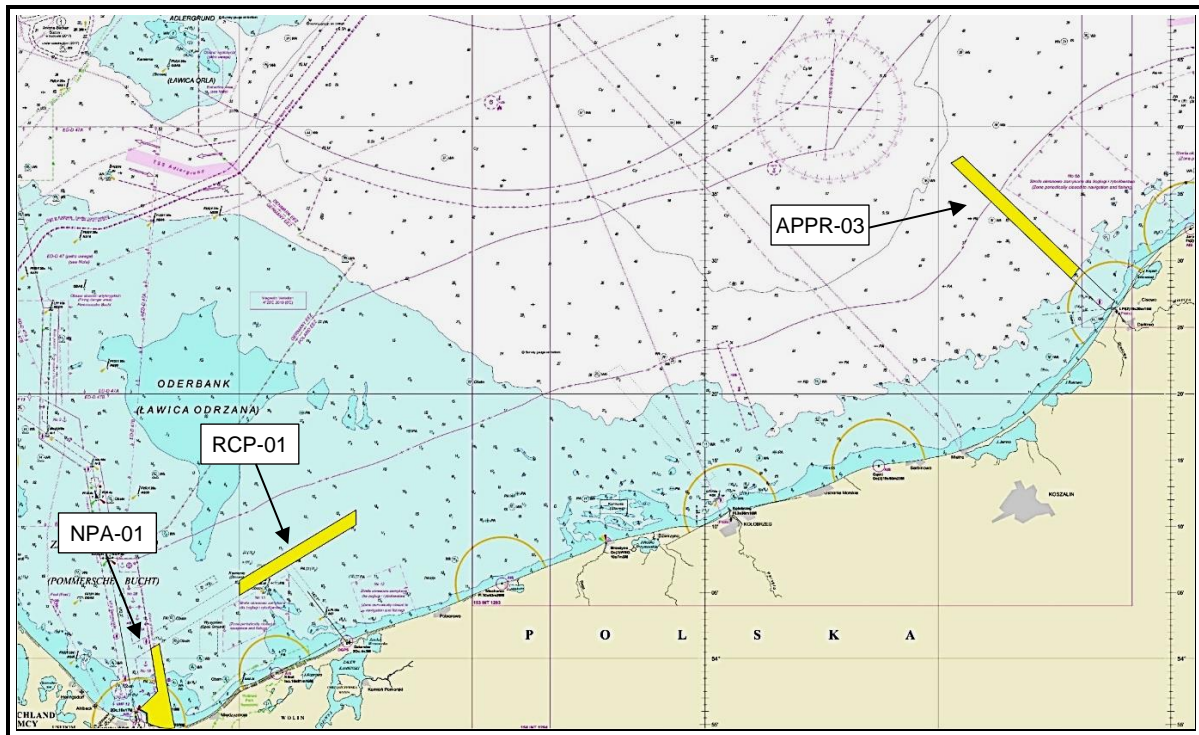
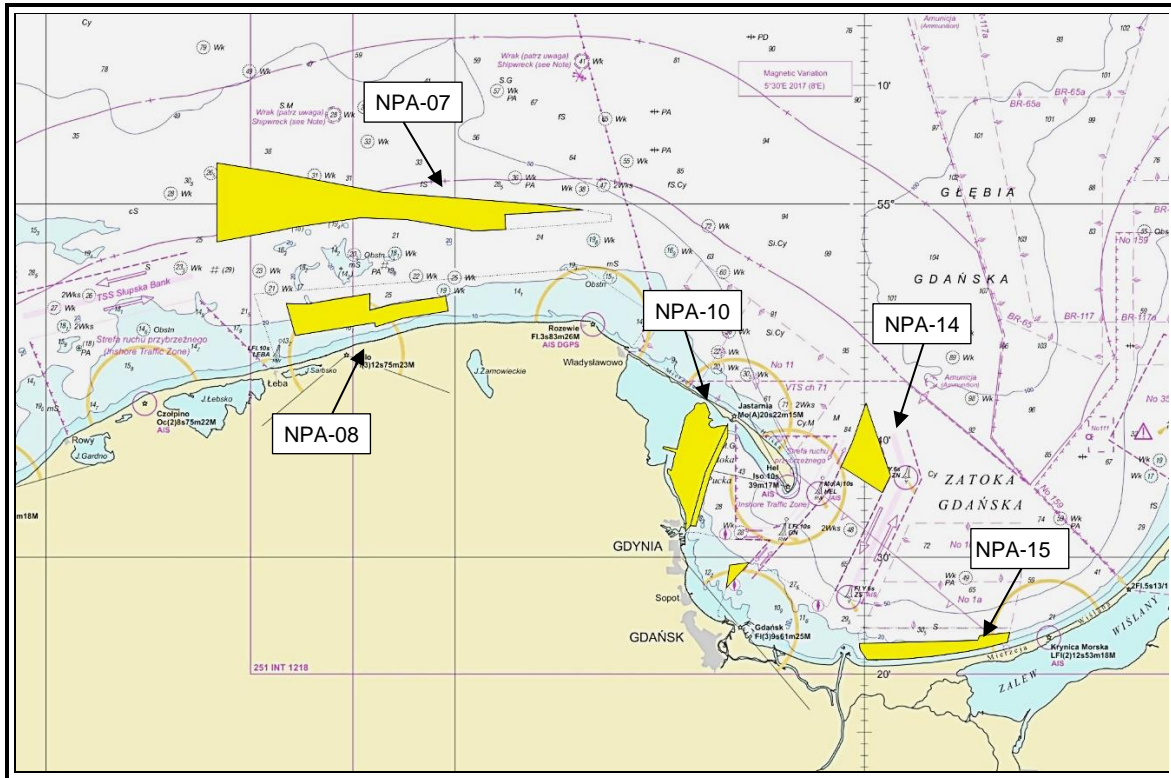
Between 08th July 2019 and 01st July 2020, in Polish waters, hydrographic surveys were carried out as follows:

69,6 km<sup>2</sup> - HELCOM routes Cat. II (RCP-01, APPR-01),  
518,5 km<sup>2</sup> - HELCOM routes Cat. III (NPA-07/08/13/14),

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



### Surveys planned for 2020 (Cat. II: 76 km<sup>2</sup>, Cat. III: 653 km<sup>2</sup>)





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### 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 cell, Band 3 – 15 cells, Band 4 – 14 cells, Band 5 – 33 cells).

ENCs are updated on a weekly basis.

In the year 2019 – 2 new cells, 18 new editions and 302 updates were released.

In the year 2020 (until 01 July) 4 new editions and 165 updates were released.

#### ENC Distribution method

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

#### RNCs

Not produced

#### National Paper Charts

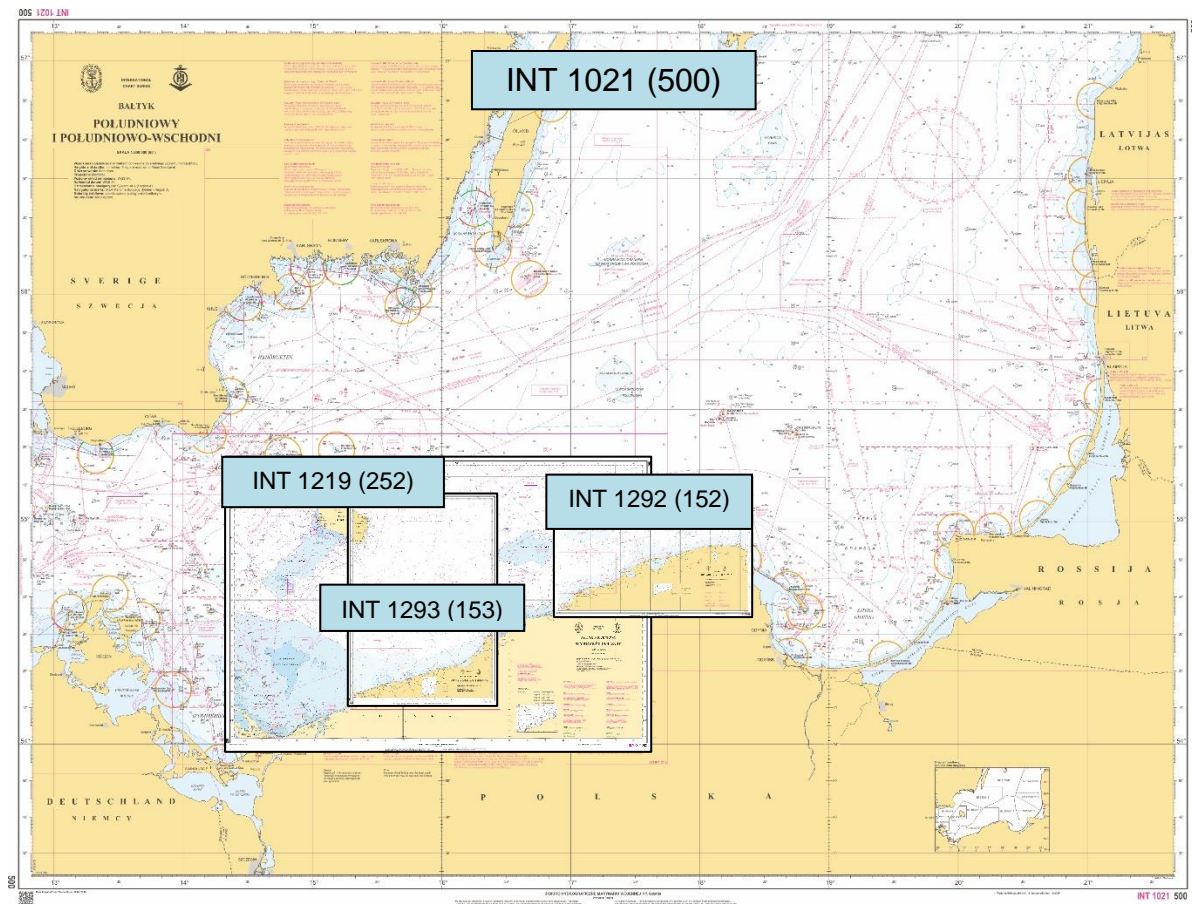
2019:

- 261 Bałtyk. Podejście do Zatoki Fińskiej i Zatoki Botnickiej
- 262 Bałtyk. Zatoka Fińska. Część zachodnia
- 499 Bałtyk. Cieśniny Bałtyckie
- 46 Bałtyk południowy. Zatoka Pomorska. Podejście do Świnoujścia
- 53 Bałtyk. Wybrzeże polskie. Podejście do portu Łeba
- 311 Bałtyk. Część południowo-zachodnia

2020:

- 258 Bałtyk. Od Gotland do Saaremaa
- 259 Bałtyk. Od Kalmarsund do Gotska Sandön
- 260 Bałtyk. Podejście do Sztokholmu
- 269 Bałtyk. Kattegat
- 55 Bałtyk. Wybrzeże polskie. Od Jarosławca do Ustki.
- 156 Bałtyk zachodni. Zatoka Meklemburska





## INT Charts

2019:

- INT1292 (152) Bałtyk. Od Darłowa do Rozewia
- INT1219 (252) Bałtyk południowy. Wybrzeże polskie. Część zachodnia

2020:

- INT 1021 (500) Bałtyk południowy I południowo-wschodni
- INT 1293 (153) Bałtyk południowy. Od Niechorza do Darłowa

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

2019:

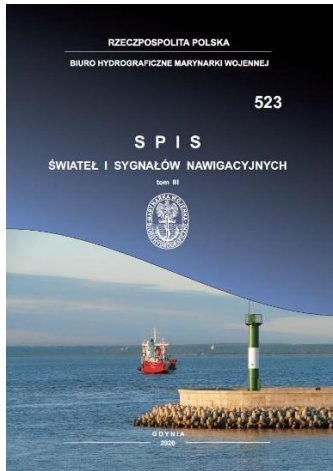
- 3020 Zatoka Pomorska, Zalew Szczeciński
- 3021 Od Zatoki Pomorskiej do Mierzei Helskiej

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

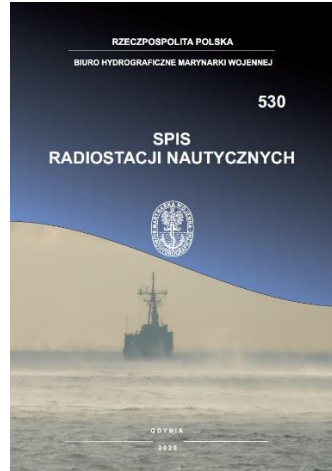
Problems encountered: NONE

## 4. New publications & Updates

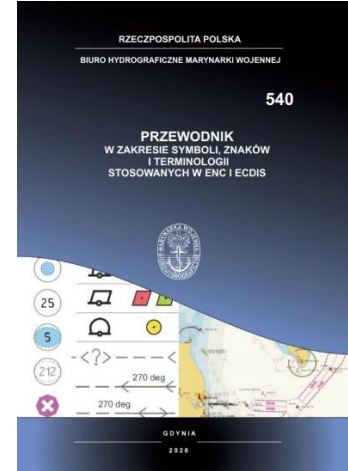
2020:



List of Lights – 523  
new ed. July 2020



List of Radio Signals –  
530  
new ed. August 2020



Guidelines  
ENC/ECDIS symbols,  
abbreviations – 540  
new ed. January 2020

## 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 Polish Rescue Radio (new station operated by the Polish Maritime Administration). In total, in 2019, 308 Navigational Warnings were promulgated by the HOPN as Local, Coastal and Subarea NavWars. Until 01 August 2020, 189 NavWars were promulgated.

## 6. C-55

Latest update 15th July 2020

## 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 22<sup>th</sup> June in Gdynia aboard Museum Ship ORP “Błyskawica”. Due to COVID-19 situation, only representatives of Maritime Administration, maritime universities, hydrographic industry and HOPN met to discuss current activities and challenges for the future. Articles and presentations referring to the WHD 2020 theme “Hydrography enabling autonomous technologies” were prepared specially for this celebration and published at HOPN website ([www.bhmn.gov.pl](http://www.bhmn.gov.pl)).

