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Mediterranean and Black Seas Hydrographic Commission (MBSHC)



NATIONAL REPORT OF UKRAINE

**TO THE 24th CONFERENCE
OF THE MEDITERRANEAN AND BLACK SEAS
HYDROGRAPHIC COMMISSION**

MBSHC24, Constanta - 2024



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Hydrographic Service

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Ministry for Communities, Territories and Infrastructure
Development of Ukraine

State Service for Maritime, Inland Waterway Transport
and Shipping of Ukraine (Administration of Shipping)

State Hydrographic Service of Ukraine (SHSU)

The main tasks of the SHSU are as follows:

- performing hydrographic surveys of seas and inland waterways;
- preparing, compiling, and distributing nautical and river navigational charts, Sailing Directions, Notices to Mariners, and other nautical publications;
- collecting, processing, and disseminating maritime safety information;
- providing navigational support of shipping by equipping sea and inland waterways with aids to navigation (AtoN) and ensuring their continuous operation.



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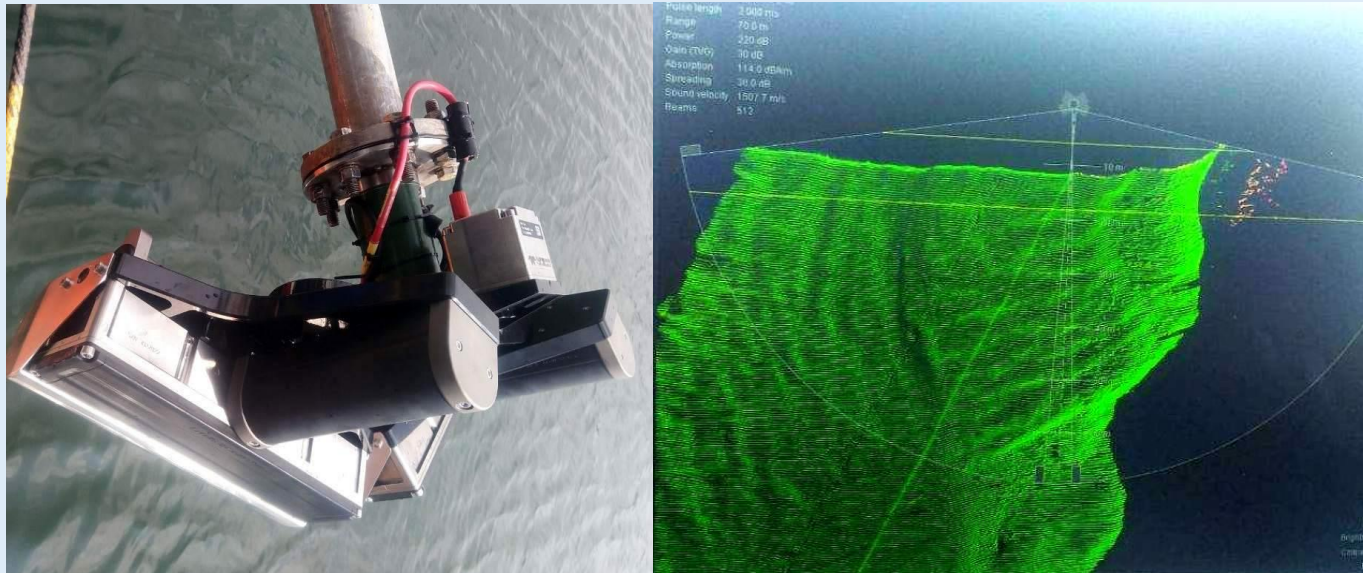
Surveys

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Coverage of new surveys

The State Hydrographic Service of Ukraine carried out surveys at specific seaports and within the water areas of the Danube and Dniro rivers in 2022-2023.

The information about detected dangers and changes in navigational conditions is disseminated in the coastal warnings and in the Ukrainian Notices to Mariners.



New technologies and / or equipment

In 2023, two multi-beam echosounders, two single-beam echosounders, and software for conducting surveys and processing hydrographic data were put into operation.



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New charts & updates

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ENC coverage, gaps and overlaps

In 2023, 18 nautical ENC's and 68 river ENC's were updated.

ENC distribution method

As per the agreements concluded with the PRIMAR and UKHO.

INT charts

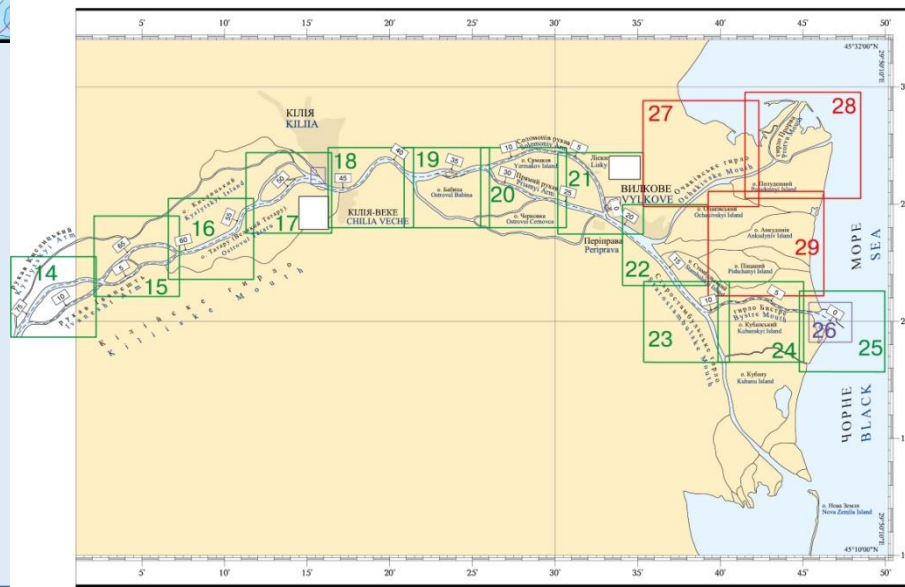
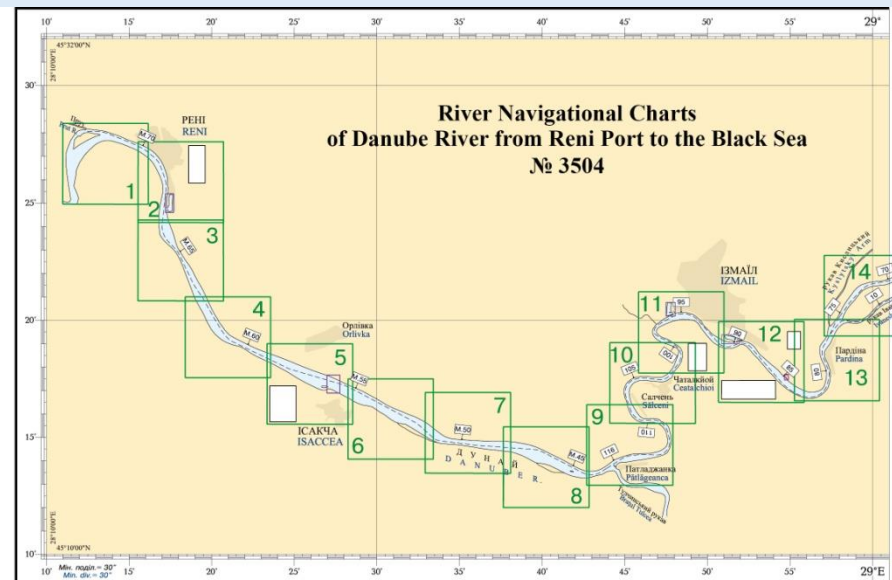
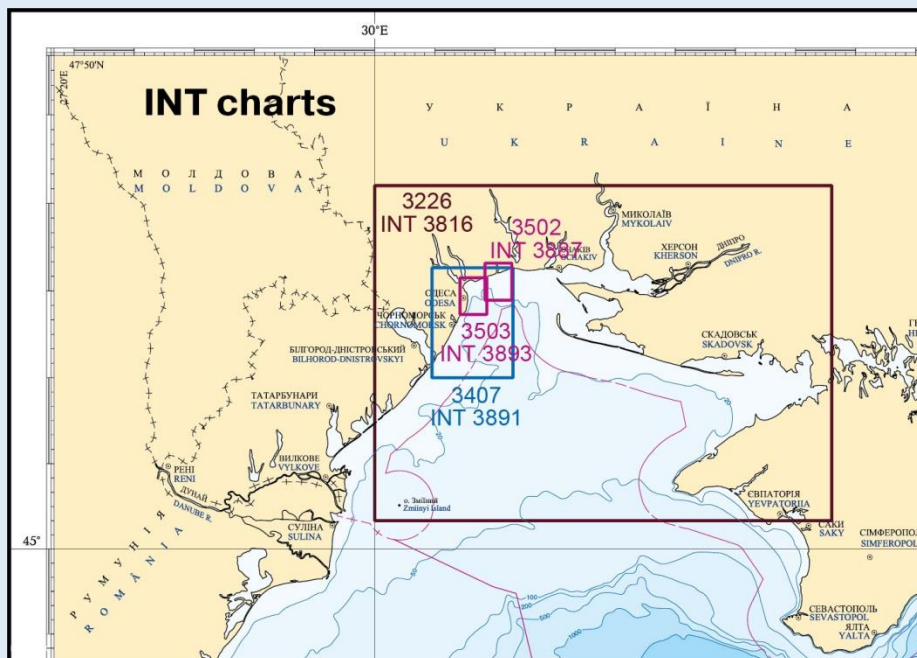
In 2023, 4 INT charts were reissued

National paper charts

68 new editions of river navigational charts, along with 25 nautical charts have been published.

Other charts, e.g. for pleasure craft

In 2023, 3 general-purpose charts of inland waterways were produced.





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New publications & updates

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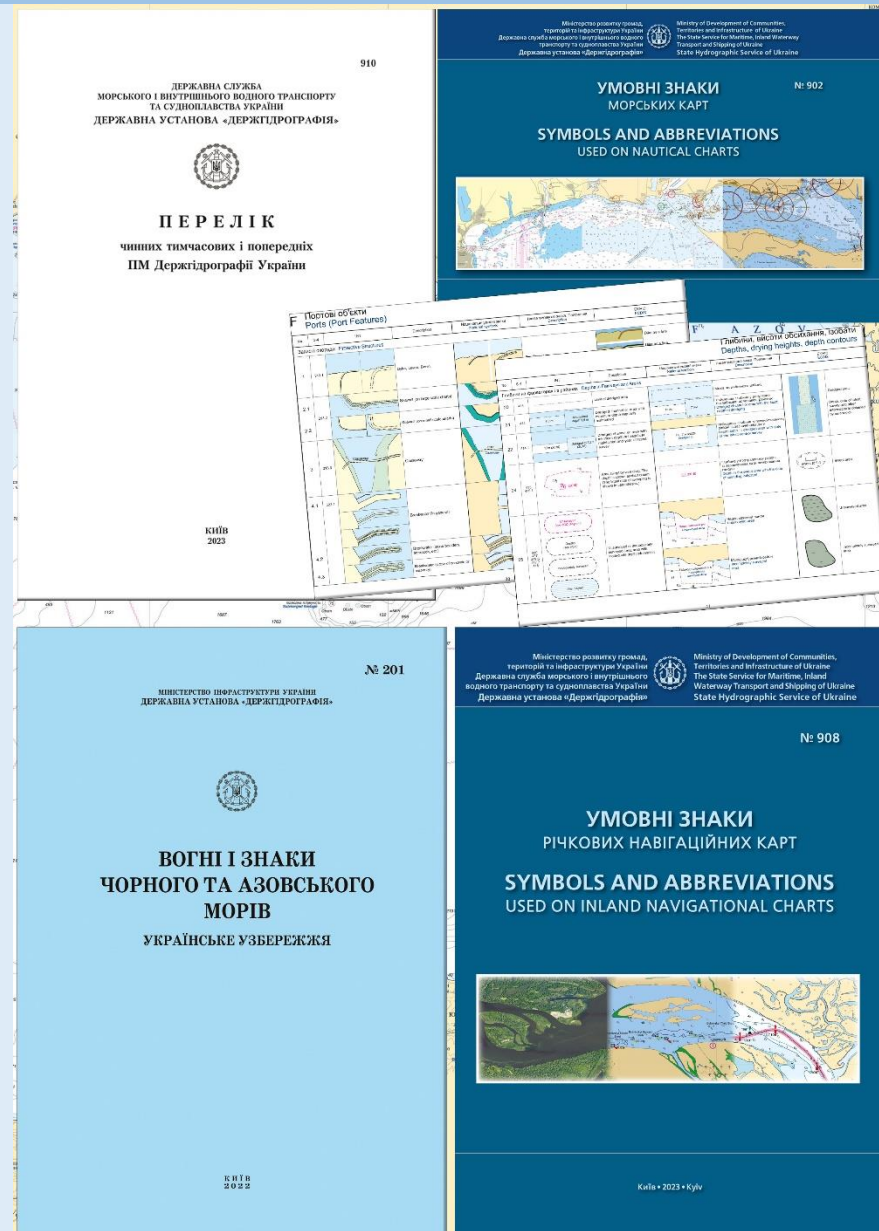
Updated publications

Re-issued:

- No. 201 'Lights and beacons of the Black Sea and Sea of Azov. Ukrainian coast' (2022);
- No. 902 'Symbols and abbreviations used on nautical charts' (2023);
- No. 908 'Symbols and abbreviations used on inland navigational charts' (2023);
- No. 910 'The list of current Temporary and Preliminary NtMs of State Hydrographic Service of Ukraine' (2024).

Means of delivery, e.g. paper, digital

Notices to Mariners are provided on the users' demand and are delivered in both paper and digital forms. All other publications are delivered in paper form. Charts are provided to users in both paper and digital forms.





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MSI

Existing infrastructure for MSI dissemination

General supervision over MSI dissemination has been fulfilled by the National Coordinator – the State Hydrographic Service of Ukraine, through its Centre for Navigational and Hydrographic Information operating in Kyiv.

Contact Details for the National Coordinator of Ukraine:

COUNTRY	TELEPHONE	FAX	EMAIL
UKRAINE	+380 44 292 41 20	+380 44 292 41 20	navigation@hydro.gov.ua navtexukr@gmail.com Web: http://hydro.gov.ua

NAVTEX Coastal Stations Contact Details:

Country	NAVTEX stations	Telephone	Fax	Email	Status
UKRAINE	Berdiansk [G] [U]	Non-operational due to the Russian Federation’s occupation			
	Odesa [C] [X]	+380 48 753 17 53 +380 48 746 80 87 +380 50 490 15 47	+380 48 773 18 72	cngi@hydro.od.ua	operational

Statistics on work of the National Coordinator

During the 2023-2024 period, 192 Coastal Warnings and 1767 Meteorological Warnings (including weather forecasts, storm warnings and ice conditions) were broadcasted, while 6 warnings were delivered to the NAVAREA III Coordinator (Cadiz, Spain).



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Capacity Building

Training received, needed, offered

In 2022, hydrographic surveyor Maksym Zavarzin successfully completed the Category “B” Hydrographic Survey Programme held at the Korea Hydrographic and Oceanographic Agency (KHOA).

Throughout 2023-2024, the representatives from the SHSU have been participating in the training courses organized by the RENC PRIMAR (Norway) concerning the special use of S-100/S-101 standards (3 employees).

Dmytro Mazin, an SHSU employee, is scheduled to participate in the Category “B” Hydrographic Survey Programme in 2024.



Ivan Zakharov participated in the Workshop on MSI Development & Implementation.

Pavlo Ivanov attended the ENC Quality and Conversion Training.

Pavlo Ivanov has also been selected to participate in the Geospatial Marine Analysis and Cartography (GEOMAC) Project.

Definition of proposals and requests to the IHO CBSC

Short-term courses:

- Workshop on MSI Development & Implementation (1 employee)
- S-100 Production Course (S-57 to S-101 Conversion) (1 employee)

Long-term courses:

- Category “B” Hydrographic Survey Programme (1 employee)

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Oceanographic activities

Spatial data infrastructures

Innovation

Other activities

Participation in IHO meetings

**Meteorological data
collection**

**Engagement with the
Maritime Administration**



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Other activities

Aids to Navigation matters

The State Hydrographic Service of Ukraine ensures navigational support for shipping by equipping sea and peculiar inland waterways with aids to navigation (AtoN) following IALA requirements.

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Due to Russia's military aggression against Ukraine, certain AtoNs have been damaged.

The Zmiinyi Island Lighthouse and its infrastructure were completely destroyed.

Moreover, a considerable number of AtoNs, maintenance facility and other essential buildings for AtoN maintenance along the Ukrainian coast have been severely damaged.



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Conclusions

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Due to the armed aggression of the Russian Federation against Ukraine, navigation and hydrographic support activities have been carried out under martial law conditions since February 2022, following the Decree of the President of Ukraine 'On Imposing Martial Law in Ukraine' on 24 February 2022 No.64/2022, approved by the Act of Ukraine on 24 February 2022 No. 2102-IX.

Russia's military aggression against Ukraine has made it impossible for Ukraine to fulfill its international obligations of a coastal state in terms of hydrographic support in accordance with the SOLAS requirements in the Sea of Azov. Moreover, it has significantly limited fulfillment of these obligations in the north-western part of the Black Sea.



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Thank you for your attention!

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