

## 10<sup>th</sup> Meeting of Nautical Cartography Working Group Monaco, 12<sup>th</sup> – 15<sup>th</sup> November 2024

### Contribution to the 2024 IHO Work Programme

Task 2.1.2.4 Organize, prepare and report meetings of HSSC working groups and Project Teams [NCWG]

#### High level summary

*Graphic semiology is the set of codes and conventions specific to cartographic representation in its various forms, particularly in nautical cartography. Today, whether for paper or digital representation, there is a need to standardise national practices within uniform international standards, whether for symbols or colours representing the charted content.*

*This is one of the objectives of the IHO's Nautical Hydrographic Working Group (NCWG), which recently held its tenth annual meeting in Monaco, with some twenty countries represented over thirty participants.*

#### Details

The 10<sup>th</sup> meeting of the Nautical Cartography Working Group was held in Monaco, MC from 12 to 15 November 2024 in a fully hybrid format. The meeting was chaired by Mikko Hovi (Finland). The IHO Secretariat was represented by Director John Nyberg and Assistant Director Eric Langlois.

The Working Group started day one with a complete review of actions and items of interest arising from HSSC, Council, Assembly and report from other relevant HSSC Working Groups. Additionally, the group covered general administrative items including updates to their Terms of Reference, Work Plan, and running list of action items.

#### Main Discussions and Decisions:

- As is usual practice for the Working Group, it considered a number of proposals and clarifications for chart symbols crossing the full suite of charting products, including paper, S-57, and S-101. In particular, proposals from Canada, France, Indonesia, Netherlands, Sweden, United Kingdom, and The United States were presented and discussed.
- The Group agreed to submit new drafts of the following publication to the next HSSC-17 meeting:
  - S-4 and INT1 and INT2, to incorporate the agreed symbols changes and clarifications;
  - S-11 Part. A to reflect the S-100 product environment with clear references to S-101.
- Besides symbology, discussions also addressed the harmonization of colors use in paper chart products:
  - A colored ZOC diagrams proposal by Netherlands was approved.
  - A proposed harmonized color palette for nautical charts was presented by the Baseline Symbology Project Team (BSPT), eventually endorsed by the Working Group. BSPT will now liaise with the S-100 Registry Manager to discuss how to incorporate the table into the S-100 Geospatial Registry.

- The Group decided to initiate a review of the S-11 Part. A publication for the purpose of submitting a new draft to the HSSC by March 2025.
- BSPT also introduced its crosswalk work achieved on symbols across all charting products including printed and digital representations for the purpose of coordinating symbols, colors, lines, styles, etc. for implementation in charts of any kind.
- As for the NCWG office bearers, Patricia Sheatley (ESRI) was officially confirmed as Working Group Secretary.

### Photo



### Upcoming meeting

The dates and venue for the next 11<sup>th</sup> NCWG meeting were confirmed:  
Tórshavn, Faroe Islands - 4 to 7 November 2025.