



# 14<sup>th</sup> Meeting of the Hydrographic Services and Standards Committee

## Report of the Nautical Cartography Working Group

### Agenda Item HSSC14-05.4A

HSSC-14, Denpasar, Bali, Indonesia – Hybrid Event, 16 – 19 May 2022



IHO

## MAIN TASKS OF NCWG

International  
Hydrographic  
Organization

- Maintain and extend S-4 [A]
- Develop new and revised symbology [D]
- Maintain INT1, INT2, INT3 [E]
- Maintain and extend S-11 Part A [B]
- Provide technical assistance to other IHO working groups and support regarding the implementation of S-100 Product Specifications [H]
- Conduct meetings of NCWG [G]



IHO

# MEMBERSHIP AND MEETINGS

International  
Hydrographic  
Organization

- Membership
  - 29 Member States
  - 4 Expert Contributor Organizations
- Meetings [G]
  - NCWG7, 24 - 25 November 2021, VTC
  - Next meeting NCWG8, 15 - 18 November 2022, Wollongong, Australia (tbc)



IHO

# MAINTAIN AND EXTEND S-4, DEVELOPMENT OF NEW (AND REVISED) SYMBOLOGY [A,D]

International  
Hydrographic  
Organization

- S-4 Edition 4.9.0 published, March 2021
  - Available in English and French
  - Translation into Spanish in progress
- No active plans for significant restructuring or rewriting



IHO

# MAINTENANCE OF S-4 SUPPLEMENTARY PUBLICATIONS INT 1, 2 & 3 [E]

International  
Hydrographic  
Organization

- INT1 [E1]
  - English version (UK), Edition 8, November 2020
    - Revision of UK version of Section V is ongoing.  
Consideration for international adoption pending. [E9]
  - French version (FR), Edition 7, April 2019
  - Spanish version (ES), Edition 6, April 2018
    - New Spanish version planned in 2022
- INT2, Edition 4, 2007 (NL)
- INT3, Edition 5, 2011 (UK)



**IHO**

# **MAINTAIN AND EXTEND S-11 PART A [B]**

International  
Hydrographic  
Organization

- Edition 3.1.0, February 2018
- No active plans for revision
- Section 200 will need to changes to support S-101



IHO

# BASELINE SYMBOLOGY PROJECT TEAM

[E11, HSSC ACTION 13/43]

International  
Hydrographic  
Organization

- PT formally established and TORs finalized
- Work in its early stages
- Requesting a HSSC to assign a domain for the symbol library in the IHO Registry



IHO

# S-124 PORTRAYAL REVIEW

## [H, HSSC ACTION 13/44]

International  
Hydrographic  
Organization

- Draft portrayal for S-124 was reviewed by NCWG and feedback has been provided to S-124PT for consideration





IHO

# SUBSCRIPTION BASED SERVICES TO PROVIDE UPDATES TO NAVIGATIONAL PRODUCTS [HSSC ACTION 13/45]

International  
Hydrographic  
Organization

- Discussion at NCWG7 based on information provided by CA
- No further action required



**IHO**

# **PROBLEMS ENCOUNTERED**

International  
Hydrographic  
Organization

- Lack of face-to-face meetings has limited the abilities to discuss various topics



IHO

# ACTIONS REQUESTED FROM HSSC

International  
Hydrographic  
Organization

1. Note this report
2. Endorse the continued activity of the working group
3. Endorse the assignment of a domain for the symbology library in the IHO Registry