



15th Meeting of the Hydrographic Services and Standards Committee

Report of the Nautical Cartography Working Group

Agenda Item HSSC15-05.4A

HSSC-15, Helsinki, Finland, 5 – 9 June 2023



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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]



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MEMBERSHIP AND MEETINGS

International
Hydrographic
Organization

- Membership
 - 29 Member States
 - 6 Expert Contributor Organizations
- Meetings [G]
 - NCWG8, 15 - 18 November 2022, Wollongong, Australia (as hybrid event)
 - Next meeting NCWG9, 27 November - 1 December 2023, Taunton, UK





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

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- S-4 Edition 4.9.0 published, March 2021
 - Available in English, French and Spanish
- Amendments currently under NCWG review include
 - Revised guidance on swept depths
 - Guidance oil/gas platform jackets
 - Limit change between charting regions B and C1
 - Removal of names of co-ordinator countries from A-204.8
 - Merging of PA and PD abbreviations on paper charts
 - New international abbreviations for statute mile and yard
 - Clarification on the use of waterfalls on charts
 - Clarification on charting marine radio beacons
 - Clarification on the use of abbreviation DGNSS
 - Clarification on the guidance on ZOC classification



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

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- 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 7, April 2022
- INT2, Edition 4, 2007 (NL)
- INT3, Edition 5, 2011 (UK)



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MAINTAIN AND EXTEND S-11 PART A [B]

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



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BASELINE SYMBOLOGY PROJECT TEAM

[E11]

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- BSPT work has begun with the creation of Digital Paper Chart Symbol Library . [E10]
- Work has been progressed on
 - Point symbols in SVG format
 - Colour definitions



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BASELINE SYMBOLOGY PROJECT TEAM

[E11]

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- Next Steps
 - Creation of SVG lines and areas to support in-depth analysis
 - Completion of analysis
 - Creation of display rules
 - Submission of SVG features



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BASELINE SYMBOLOGY PROJECT TEAM PROJECT PLAN [HSSC14/54A]

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- HSSC-14 requested for BSPT project plan
- A current workplan provided by the PT is in Annex A



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DOMAIN FOR SYMBOL LIBRARY [HSSC14/54B]

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- HSSC asked NCWG and IHO Secretariat reconsider the need for the assignment of a domain for the symbology library in the HO Registry
- BSPT has agreed that there is no immediate need for a domain and will further consider if there is a real need after all



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LIAISON WITH S-101PT [H]

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- NCWG has worked with S-101PT on
 - Non-portrayal of certain features on ECDIS
 - New international abbreviations (SM, yd)



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PROBLEMS ENCOUNTERED

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Organization

- Vacant Secretary position
 - Having no secretary has started to impact the timeliness of working group business



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ACTIONS REQUESTED FROM HSSC

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1. Note this report
2. Endorse the continued activity of the working group
3. Ask Member States to consider their possibilities in nominating a secretary for the working group