



15th Meeting of the Hydrographic Services and Standards Committee

Report on the Implementation of the recommendations on the Future of the Nautical Paper Chart

(C6/15 refers)

Agenda Item HSSC15-05.4B

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



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- Original Recommendations in **black**
- Status at HSSC14 in **grey**
- Status changes between HSSC14 and HSSC15 in **blue**



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STATUS OF RECOMMENDATION 1

1. Add task to NCWG workplan to develop ways to enable or enhance HO's' ability to produce paper charts or raster chart images directly from S-101 [data]

The goal is to create a 'Common IHO Baseline Symbology' including basic symbol sets and rules

- The resulting Baseline Symbology may then be used
 - by the production software developers as basis for further development
 - by HO's to provide simplified products

HSSC12 agreed to add the task to NCWG work plan.

NCWG has established the Baseline Portrayal Project Team (BSPT) to take this task forward. The BSPT has begun its work on the project in Dec 2021.



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STATUS OF RECOMMENDATION 2

- 2. NCWG does not recommend adding a NCWG Workplan item to develop a separate specification for simplified or back-up nautical charts at this time.**
 - There is no sufficient international need for such product. The results of recommendation 1 may be utilized by HOs to provide such a product if needed.

Recommendation endorsed by HSSC12, C4 and A2.

No further work required at this time.



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STATUS OF RECOMMENDATION 3

3. NCWG does not recommend freezing maintenance of S-4 or INT1.

- S-4 is the foundation document for all nautical chart content, including ENCs.

Recommendation endorsed by HSSC12, C4 and A2.

NCWG will keep maintaining S-4 as the foundation document for all nautical chart content, including ENCs.



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STATUS OF RECOMMENDATION 4

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- 4. Recommendations to IRCC: The efforts of the ICCWGs should focus on coordinating and registering ENC schemes amongst ENC producing agencies. Though HOs willing to produce or re-print INT charts, or national paper charts:
 - a. should be in accordance with IHO Resolution 7/1919 (HOs arrangements on exchange and reproduction of nautical products), as amended**
 - b. must comply with S-4 regulations**
 - c. must maintain the procedures (such as NtMs) to ensure that the final product is kept up-to-date****
- There is still a need for the INT concept to be maintained.**

Recommendation endorsed by HSSC12, C4 and A2.

Recommendation IRCC13/1 to RHCs.



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STATUS OF RECOMMENDATION 5

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5. Regarding the End of Paper Nautical Chart Production by Some Hydrographic Offices

The IHO should recognize that some of the paper nautical chart producers are at this moment seriously considering or are already undertaking steps to cease all traditional, standard paper and raster nautical chart production.

NCWG will monitor the developments regarding plans to end paper chart production around the world.



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STATUS OF RECOMMENDATION 6

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- 6. HSSC is invited to approve the Terms of Reference of the NCWG at ANNEX E of HSSC12-05.4A**

Approved by HSSC12.



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ACTIONS REQUESTED FROM HSSC

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- Note the report

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