

# WENDWG Report to the 26<sup>th</sup> BSHC Conference (VTC)

by Jarmo Mäkinen, BSHC WENDWG representative

## 1. Status of the work of WENDWG

**Chair:** Mr. John NYBERG (US)

**Vice-Chair:** Annika Kindeberg (SE)

**Secretary:** Yves GUILLAM, IHO Secretariat.

**Members:** Representatives of Regional Hydrographic Commissions, representatives of IHO Member States, RENCs. Link to list of members [WENDWG Members](#)

## 2. Meetings since last BSHC (BSHC 25 Sept 2020)

Due to the Covid-19 pandemic, WEND WG has held meetings only by VTC since the last BSHC and WG has mainly focused on the WEND-100 principles.

## 3. WENDWG-11 VTC meeting (17-18 February 2021)

The following topics were discussed during the WENDWG-11 VTC meeting:

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### WEND-100 Principles

- Following the endorsement by Assembly 2, the WENDWG reached consensus on the proposed IHO Resolution on the WEND-100 Principles together with the commitment that WENDWG must develop basic technical Guidelines as matter of priority to address the establishment of S-101 ENC Schemes, during the transition phase until the full retirement of S-57 ENC.
- The link to proposed IHO Resolution [WEND-100 Principles](#)  
Noting that there was no significant change to the version already endorsed by A-2, IRCC13 invited IHO Secretariat to issue an IHO CL to IHO MS asking for the approval of the IHO Resolution on WEND-100. (*IHO CL 25/2021, DL 15 Sept 2021*).

### S-101 ENC Scheming Guidelines

- The WG has established a drafting team working on the S- 101 ENC Scheming Guidelines to ensure an efficient transition from S-57 to S-101 and to study of how to best conduct the transition.
- To make recommendations on the use and potential impacts of new grid-based schemes versus keeping the existing S-57 schemes.
- The team aims to work with the RENCs to provide basic guidelines for consideration by the RHCs (and their Charting Regions) on the establishment of S-101 ENC Schemes. Japan agreed to lead the S-101 Scheming Guidelines Drafting Team.
- Target schedule: draft S-101 Scheming Guidelines, by end of December 2021, endorsement at WENDWG-12, then IRCC-13.

### S-1xx Implementation Guidelines

- It seems, that S-102, S-104, S-111, S-124 and S-129 will be ready for implementation and distribution before S-101. The WEND-100 Principles may not apply fully to all S-xx products.
- The WENDWG established another drafting team to work on the implementation guidelines for S-1xx (including S-102, 104, 111, 128 and 129). The Implementation Guidelines will determine how they are applied to each product specification

- The team will develop implementation guidelines for the application of the base WEND-100 Principles to S-1xx products that are nearly ready for implementation.
- These implementation guidelines aim to complement the WEND-100 Principles. The Netherlands agreed to lead the S-1xx Implementation Guidelines Drafting Team.
- Target schedule: draft Guidelines by end of December 2021, endorsement at WENDWG-12, then IRCC-13.

#### Roadmap for the S-100 Implementation Decade

- Following discussions held at C-4, the WENDWG suggests some amendments to the version 1.0 of the Roadmap approved by A-2. They are proposed to IRCC in Doc. IRCC13-07D2 for further discussion (amendment was approved by IRCC 13-> for C-5 approval).
- Link to Proposed amendment for S-100 Roadmap [Amendment Roadmap S-100](#)

#### INToGIS III Development

- The WENDWG commended KHOA and other contributors on the work done to on the development of INTOGIS II. WG also welcomed KHOA's proposal for the development of INTOGIS and agreed on the proposed way forward on the development of INTOGIS III. That will use S-128, as much as is practical, to allow hydrographic offices and other users to visualize S-1xx products and services coverage in the future.

#### ENC Regional Chart Coordinator Reports

- Due to the limited WENDWG agenda, normal Regional Chart coordinator reports were not on the agenda.
- The WENDWG noted ENC Regional Chart Coordinator reports from the SAIHC and ARHC. Both reports presented challenges and solutions, including overlapping cells and implementing grid-based schemes.

#### HD ENC Survey

- IRCC11 tasked the WENDWG to issue a questionnaire to capture a status and plans concerning HD ENCs. The WENDWG Secretary has collected questions from WENDWG Member States to include in the survey. It was noted that the upcoming release of S-102 data from hydrographic offices makes it more important to be aware of global plans regarding HD ENCs.
- The Questionnaire has been sent to member states by *IHO CI 20/2021, DL 31 September 2021*)

#### WEND Work Program

- Link to the WENDWG Work Program 2021-2022 [WENDWG\\_Work Plan 2021-2022](#)

#### **4. Next meeting**

The next meeting (WENDWG 12) is planned to be held in the USA, from 22 to 24 February 2022.

#### **5. Actions for the 26<sup>th</sup> BSHC Conference**

- note on this report
- give further guidance to BSHC WENDWG representative.