

WORLD-WIDE ELECTRONIC NAVIGATIONAL CHART DATABASE WORKING GROUP

WENDWG CL 01/2024

25 June 2024

To: WENDWG Members

Cc: IRCC Chair, IHO Secretariat

Status report WENDWG14 List of Actions, Invitation to join the C11 Part C drafting team

Dear colleagues,

The first WENDWG letter in 2024 provides:

1. updates on the WENDWG14 meeting List of Actions,
2. a summary of appreciation for the IRCC report and items related to WENDWG in particular by HSSC,
3. a summary of work items assigned to WENDWG by IRCC,
4. an invitation to contribute to the S-11 Part C drafting work,
5. a plan for further surveys,
6. work items from IRCC 16, and
7. the Date and Location of the WENDWG15 meeting

1. Updates on the WENDWG14 meeting List of Actions

WENDWG 14 action	Topic	Description	Status
WENDWG14/07	Agenda and Timetable	The WENDWG Chair also invited the WENDWG Members to be better prepared for future meetings since too many papers were provided after the deadline.	ongoing
WENDWG14/12	RENCs S-100 readiness	The WENDWG Secretary reminded the participants with the diagram on the conversion options presented at C-7 (link), to be considered by every producer, in liaison or not with the RENCs. This version of the diagram is part of the S-100 Roadmap (Annex 2, fig. 4).	ongoing
WENDWG14/14	S-100 Data Flow Diagram	The WENDWG invited the RENCs to report at the next meeting on the outcome of their joint effort on the development of a new dynamic S-100 Products and Electronic Navigational Data Services (ENDS) Data Flow Diagram. S-57 ENC Data Flow Diagram to be maintained separately.	ongoing
WENDWG14/17	S-100 Implementation in EAtHC	The WENDWG invited the RHCs Rep. in WENDWG to consider if this basic option can support their regional requirements, as a starting point of the transition phase, and report at the next meeting.	ongoing

WENDWG 14 action	Topic	Description	Status
WENDWG14/27	SPI 1.3.1	WENDWG Chair to issue a follow-up survey on the readiness level of ENC Producing Member States, in November 2024 for calculating SPI 1.3.1 (2024) in preparation of the IHO Annual Report, and WENDWG-15 meeting.	See WENDWG letter 1/2024
WENDWG14/29	Further S-100 Products related surveys after 2026	Based on the outcome of IRCC , the WENDWG Chair will issue CL informing on the future surveys if appropriate (See Action WENDWG14/27 as well).	See WENDWG letter 1/2024
WENDWG14/30	S -100 Coverage Monitoring from 2026	Noting that too many surveys are counter-productive and unfruitful, the WENDWG Chair/Secretary on the preferred option to make use best of GIS tools (INToGIS III? RENCs?) to report to IMO NCSR, based on annual MS /RHCs reports (S-101, S-1xx products and ENDS schemes, and production plans per Charting Regions).	See WENDWG letter 1/2024
WENDWG14/35	INToGIS III	The WENDWG invited the representative of the ROK to liaise with the IHO Secretariat/WENDWG Chair , to establish a management plan of this INToGIS III Project and ensure that a solution can be found shortly (risk assessment: high).	ongoing
WENDWG14/39	Canada Integrated National S-128 Catalogue	Once INToGIS III (Coverage and Planning Catalogue) becomes operational, and if agreed by CA , the WENDWG agreed to consider the possibility of testing the interoperability of the Canada Hydrographic Service Catalogue and INToGIS III.	ongoing
WENDWG14/40	S-128 Catalogue of Nautical Products	WENDWG to consider subsequent amendments to the WEND-100 Principles and the S-100 Roadmap.	ongoing
WENDWG14/42	Vertical ENC usage inconsistency	The RENCs agreed to consider the possibility of conducting further investigations and to report to their Members as appropriate	ongoing
WENDWG14/43	Introduction of ISO 9001 Principles into S-100 Coordination and Production	WENDWG noted the potential scope for the application of ISO 9001 proposed by the IRCC (" <i>RHC S-101 production/coordination/distribution</i> ").	On hold
WENDWG14/44	Extension of WEND100 principles to other S-100 ProdSpecs, impact of the activities of the ENCWG ECS PT	While noting the positive intention of the paper, with reference to WENDWG TORs (Art. 1.i., <i>SOLAS priority</i>), the WENDWG agreed not to propose amendments to WEND-100 principles at this stage, and to keep them as they are in IHO Resolution 1/2021.	decision
WENDWG14/46	IHO Strategic Plan and Guidelines for Implementation	The WENDWG established an ad hoc drafting group for preparing amendments to the <i>Guidelines on the Implementation of the WEND100 Principles and the IHO Strategic</i>	ongoing

WENDWG 14 action	Topic	Description	Status
	of WEND100 Principles	<i>Plan (CA, DK, FR, GR, LV, NO, SE, SR, US, TR, UK¹, IC-ENC).</i>	
WENDWG14/47	S-11 - Part C	The WENDWG decided to recommend to IRCC, Cc: HSSC and IHO Secretariat that it is more efficient to start drafting an S-11-like Part C, without the obligation to go through the NCWG as current custodian of S-11 (Part A).	decision
WENDWG14/48	S-11 - Part C	The WENDWG established an ad hoc S-11 - Part C drafting team (AU, BR, DE, FI, GR, TR, IHO Secretariat) to develop a proposed Edition 1.0.0 of S-11 Part C, to be submitted to the approval of IRCC in 2025 for testing and experimentation (iaw IHO Resolution 2/2007).	ongoing

2. Summary of appreciation for IRCC report and items related to WENDWG in particular by HSSC

I provided the IRCC report to HSSC 16, highlighting the good relationship between the two committees; see

https://iho.int/uploads/user/Services%20and%20Standards/HSSC/HSSC16/HSSC16_2024_07.1A_Rev1_EN_Report_IRCC.pdf

HSSC 16 took note of the various IRCC activities and assigned actions to their subordinate bodies if deemed necessary.

The committee agreed on the WENDWG proposal to separate the *Guidelines for the Coordination and Management of the Development of S-100 Electronic Navigational Data Services (except S-101 ENCs)* from other S-11 content and to develop a new Part C.

HSSC 16 endorsed the following recommendations from the WENDWG in particular, if and when approved by the IRCC:

- the importance to prepare an input covering S-100 data services and the global approach (S-101+ Phase I S-1xx) for updating the S-100 Roadmap (IRCC slide 12/25).
- the recommendation for the implementation of a cyber-secure pull-mode from different sources of information using the SECOM interface (IEC 63173-2) on the Maritime Connectivity Platform (IRCC slide 13/25, while noting that this issue goes beyond the simple remit of the IHO)
- the necessity to put more active effort on the S-100 communication strategy towards stakeholders (IRCC slide 10/25) from now.

IRCC 16 approved the WENDWG recommendations.

3. Summary of work items assigned to WENDWG by IRCC

I delivered the WENDWG report to IRCC 16, see

https://iho.int/uploads/user/Inter-Regional%20Coordination/IRCC/IRCC16/IRCC16-07D_EN_WENDREPORT_rev1.pdf

The committee noted the achievements of our last WENDWG meeting and the work done between WENDWG 14 and IRCC 16.

¹ Lead as **UK Representative** and **Vice-Chair of the WENDWG**.

IRCC 16 made following decisions and assigned new action items to WENDWG.

Decision/Action	Task
Decision 08	To take into consideration that HSSC has endorsed the recommendations from WENDWG regarding the S-100 eco-system.
Action 03	WENDWG is tasked to invite the RHCs representatives to develop their schedule to meet the 2026 IMO target (S-100 ECDIS) and share their own roadmap at the next WENDWG meeting (support preparation of the next IHO Strategic Plan (2027-2032
Action 04	WENDWG is tasked to: a) develop further the S-11 Part C table of content, and b) continuation of drafting work; targeting completion by IRCC17
Action 05	WENDWG is tasked to further investigate methods on how to clarify the understanding on the meaning of the term ENDS, considering the ENDS tree diagram provided by HSSC.

4. Invitation to contribute to the S-11 Part C drafting work

Both committees endorsed the WENDWG proposal to develop a new part C of the S-11 Standard.

We had the first session on the potential table of content during our WENDWG 14 meeting. The small task group (**AU, BR, DE, FI, GR, TR, IHO Secretariat**) developed the initial ideas further and we provided the first full table of content (ToC) to IRCC 16. IRCC 16 tasked us to continue the ToC development and to draft content with the completion target line by IRCC 17.

As discussed at WENDWG 14, the development of Part C content will be an iterative process. I suggest starting with the *GENERAL GUIDANCE FOR ELECTRONIC NAVIGATIONAL DATA SERVICES PROVISION* and in parallel with the *GUIDANCE FOR S-102 (BATHYMETRIC SURFACE) DATA PROVISION*. The work on S-104 and S-111 will commence afterwards taking into consideration feedback on S-102 guidance development.

The draft ToC is attached to this document as a separate file *S-11 PART C development Version 0.0.1.docx*

I would like to invite **all WENDWG members to consider participation** in the drafting work **by the 30 July 2024**. It would be very much appreciated if you could indicate to which part of the two sections you would like to contribute. My plan is to collect and incorporate all contributions. A new version of the document will be provided to all as soon as I have received new content.

5. Plan for further surveys

The INTToGIS III development is making significant progress and commissioning is scheduled for Q4/2024. Therefore, I hope that the 2025 survey and the Strategic Performance Indicator (SPI) determination will be managed by assessing INTToGIS III data.

We agreed at the WENDWG 4 meeting that we can potentially use survey data collected by the RENCs this year and that we might only address those ENC producing HOs that are not Members of RENCs or that did not submit their data to the RENCs. We will do it in the same ways as we did last year, the submissions will be used for statistical assessments only and will be kept strictly confidential. A separate WENDWG letter in this regard will be issued in September this year.

6. Work items from IRCC 16

IRCC 16 assigned three work items to WENDWG.

Action item 3 is related **to the RHC representatives** to develop their schedule to meet the 2026 IMO target (S-100 ECDIS) and to report this to the next WENDWG meeting. This is an action item **with due date** WENDWG 15 submission deadline **10 January 2025**.

Action item 4 is on the S-11 Part C development and was discussed under point 4 in detail.

Action item 5 focuses on a better description of the term ENDS. I plan to discuss this topic at the WENDWG 15 meeting.

In conclusion, this WENDWG Letter 1/2024 contains two primary action items with respective due dates:

1. **all WENDWG members**; to consider participation in the C11, Part C development drafting work and respond to the WENDWG Chair **by the 30 July 2024**.

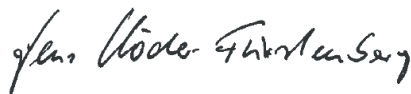
2. **RHC representatives**, to develop schedules to meet the 2026 IMO target (S-100 ECDIS). **by 10 January 2025**.

7. Date and location of WENDWG 15

Considering that most of you are preparing the 2025 budget, I also take this opportunity to confirm that the next meeting will be in the Australia (Wollongong) from 18 to 20 February 2025, as a face-to-face event for 3 full days. The WENDWG thanks Australia for their generous offer.

It would be absolutely beneficial for the host if you **indicate participation** as soon as possible and **by the end of August 2024** at the latest. It is enough if you send me an email indicating the number of persons your organisation plan to send to the meeting. This indication doesn't replace the official meeting registration procedure. It is simply a courtesy for Australia as the host country.

Best regards,



Jens Schröder-Fürstenberg,
Chair, WENDWG