

# TRAFICOM

Finnish Transport and Communications Agency



## WENDWG Report BSHC28 D.7





# WEND Introduction

- ❑ **Chair:** Mr. John Nyberg (USA). From 1 July 2023 Mr. **Jens Schröder-Fürstenberg** (Germany).
- ❑ **Vice-Chair:** Ms Annika Axne (Sweden). From 1 July 2023 Mr. **Jason Scholey** (UK).
- ❑ **IHO Secretariat:** RADM Luigi SINAPI, Mr. Yves Guillam (secretary).
- ❑ **Members:** Representatives of Regional Hydrographic Commissions, representatives of IHO Member States, RENCs.



## WENDWG13, Aalborg, Denmark, 21 - 23 February 2023





## WENDWG13- main topics

- ▶ S-100 Implementation and coordination
- ▶ WEND-100 Product Matrix IGIF
- ▶ WEND-100 Principles and S-1xx Implementation Guidelines
- ▶ S-101 ENC Scheming Guidelines
- ▶ INTToGIS III and S-128



## WENDWG13

# S-100 Implementation and coordination

- ▶ The WENDWG has transitioned its **focus from S-57 to the S-100 World.**
- ▶ The urgent need to accelerate the preparation of the S-100 coordination process in the regions, due to the very **short time left before 2026!**
- ▶ Participation will be increasingly important in the S-100 world – S-100 coordination was noted as a concern in reports that were received.
- ▶ On the regional S-100 coordinator's role, some RHCs requested more guidance on what the role includes and entails. An amendment to include Section 300 in S-11 Part A to describe the Coordinator responsibilities was considered.





# S-100 Coordinator tasks (draft)

## Draft S-100 Coordinator Responsibilities

- Keep an inventory of S-100 products in the region.
  - Producer
  - Status, in progress, complete, availability
  - Potential additional producers of product
- Work to ensure that Regional MS understand what S-100 products are available
- Update the WEND100-IGIF Matrix on a biannual (every 2 years) basis
- Report regional S-100 status to WENDWG
- Provide input to the WENDWG on RHC preferences regarding WEND-100 Principles
- Help to communicate latest WEND-100 Principles updates to RHC
- Work to coordinate new S-100 products according to WEND-100 Principles (as they are developed), following overlap, distribution and other guidance as it is agreed



# WENDWG13 WEND-100 IGIF Matrix

- ▶ WENDWG 12, the WG agreed to build a WEND-100 Product Matrix
- ▶ WENDWG13 evaluated the results of the Matrix during WENDWG 13 and several challenges including response rate, complexity, and question clarification
- ▶ Despite difficulties in understanding the WEND100-IGIF matrix for some RHCs and Member States, this tool was proven to be useful to get an estimate of the readiness level. Matrix is the only mutually agreed metric so far.
- ▶ Received responses from 8 of the all RHCs.
- ▶ Answers from all the Baltic Sea RHC members!!
- ▶ Level of the of the S-100 coordination in the Baltic Sea; intermediate
- ▶ Updating: Annually (IRCC15, Rec 10). DL for updates?

S-101 (ENC)		
Readiness Level	Readiness Description	Score
Governance and Institutions (B)	The product is part of a documented national institutional plan, custodianship (a managing organization) has been identified and has accepted the management responsibility. The policy has been endorsed at the national level but NOT at the RHC level.	8,40
Policy and Legal (B)	Product has a documented policy regarding data protection, licensing, sharing and liability. The policy has been endorsed by the national authority but NOT at the RHC level.	8,40
Data (D)	Product has been produced but data is not regularly applied for updates.	3,00
	The product is supported by a business model that includes current funding sources, obligations, financial risks,	

	S-101									S-102								
	SE	DE	DK	FI	LT	LV	PL	EE	BSHC	SE	DE	DK	FI	LT	LV	PL	EE	BSHC
<b>Governance and Institutions</b>	8,4	11,1	11,1	11,1	3	8,4	8,4	8,4	8,4	5,7	8,4	8,4	11,1	3	5,7	8,4	8,4	8,4
<b>Policy and Legal</b>	8,4	11,1	8,4	11,1	3	8,4	8,4	8,4	8,4	3	8,4	3	11,1	3	3	3	5,7	3
<b>Data</b>	3	11,1	3	3	3	3	3	3	3	3	8,4	3	3	3	3	3	5,7	3
<b>Financial</b>	8,4	11,1	11,1	11,1	3	8,4	3	5,7	11,1	3	8,4	3	5,7	3	3	3	5,7	3
<b>Innovation</b>	5,7	0	3	5,7	3	5,7	5,7	3	5,7	11,1	5,7	3	5,7	3	3	5,7	5,7	5,7
<b>Standards</b>	5,7	0	11,1	8,4	3	8,4	5,7	5,7	5,7	5,7	5,7	11,1	8,4	3	5,7	5,7	5,7	5,7
<b>Partnerships</b>	3	0	3	3	5,7	3	3	5,7	3	3	5,7	3	3	5,7	3	3	5,7	3
<b>Capacity and Education</b>	11,1	0	3	8,4	3	8,4	5,7	3	5,7	5,7	3	3	8,4	3	5,7	5,7	3	5,7
<b>Communication and Engagement</b>	11,1	0	3	8,4	3	8,4	11,1	3	8,4	11,1	8,4	3	8,4	3	3	11,1	3	5,7
	S-122									S-124								
	SE	DE	DK	FI	LT	LV	PL	EE	BSHC	SE	DE	DK	FI	LT	LV	PL	EE	BSHC
<b>Governance and Institutions</b>	3	11,1	3	3	0	3	5,7	3	3	11,1	11,1	5,7	11,1	0	3	5,7	3	11,1
<b>Policy and Legal</b>	0	8,4	3	3	0	3	5,7	3	3	3	11,1	3	11,1	3	3	3	3	3
<b>Data</b>	0	8,4	3	3	0	3	5,7	3	3	3	0	3	3	0	3	3	3	3
<b>Financial</b>	0	3	3	3	0	3	0	3	3	3	0	3	3	0	3	3	3	3
<b>Innovation</b>	3	11,1	3	3	0	3	0	3	3	3	0	3	3	0	3	3	3	3
<b>Standards</b>	3	11,1	3	3	0	3	0	3	3	5,7	0	3	5,7	0	3	5,7	3	5,7
<b>Partnerships</b>	3	8,4	3	3	0	3	0	3	3	5,7	0	3	5,7	0	3	3	3	3
<b>Capacity and Education</b>	0	8,4	3	3	0	3	0	3	3	3	0	3	3	0	3	3	3	3
<b>Communication and Engagement</b>	3	11,1	3	3	0	3	8,4	3	3	11,1	0	3	8,4	0	3	11,1	3	3





## **WEND-100 Principles and S-1xx Implementation Guidelines**

- ▶ No significant work was done on the WEND-100 Principles or S-1xx Implementation Guidelines after last WEND-meeting.
- ▶ The WG considers this document to be in “maintenance mode” and will include them as part of the regular agenda.



# S-101 ENC Scheming Guidelines

- ▶ It has become clear from now on that there will be no global common grid for S-101 ENCs and other S-100 products as such
- ▶ Fruitful opposite experiences were shared at the meeting on this matter and it is now obvious that Member States will develop their own approach, their own grid, hoping that the end result will be seamless and harmonized for endusers.
- ▶ It has decided to task RHC Chart/S-100 Coordinators with reporting their planned S-101 chart schemes for each region, usage bands 1 – 4. The Group requested that submissions use INTToGIS III if and when it is commissioned (Sept 2023?).
- ▶ HSSC15 tasked NCWG to work on S-11 Part A, Section 200, to incorporate S-101 Scheming Guidelines.



# INToGIS III and S-128

- ▶ The WENDWG commended KHOA and other contributors on the work done to date on the development of INToGIS III.
- ▶ INToGIS III is to become a one-stop-shop IHO useful tool for Member States and the RHCs for planning and scheming S-100 data services.
- ▶ WENDWG agreed on the way forward for a joint NIPWG/S-100WG concept paper on the operational use of S-128.
- ▶ Member states and RENCs are encouraged to supply their S-128 data for testing and development.

## Next WENDWG Meeting

Norfolk, Virginia, USA, 20 - 22 February 2024



# New WENDWG Questionnaire

- ▶ The WENDWG has launched a new questionnaire (WENDWG CL 01/2023 25 August 2023, DL 30 November 2023):  
**Readiness Status of RHCs for the provision of S-1xx datasets by 2026 per Charting Region**
- ▶ BSHC WENDWG Representative can collect the answers from the all BSHC Member States and forward them to WENDWG Chair.
- ▶ Provide answers to WENDWG Representative by **15 November 2023.**

# Actions for the 28<sup>th</sup> BSHC Conference

- ▶ Note this report.
- ▶ Discuss and comment on the S-101 Scheming Guidelines and provide follow-up guidance.
- ▶ Discuss and provide updates for WEND100-IGIF Matrix. DL for updates (15 Nov 2023)
- ▶ Note the recommendation 8 from IRCC15: RHCs, if not done already, establish the S-100 Coordinator role or assign S-100 Coordinator duties as appropriate (see BSICCWG report to BSHC28, Annex 1, draft BSICCWG TORs).
- ▶ Give further guidance to BSHC WENDWG representative.
- ▶ Answer to a new WENDWG questionnaire (by 15 November 2023).



**Thank you!**  
**Questions?**

