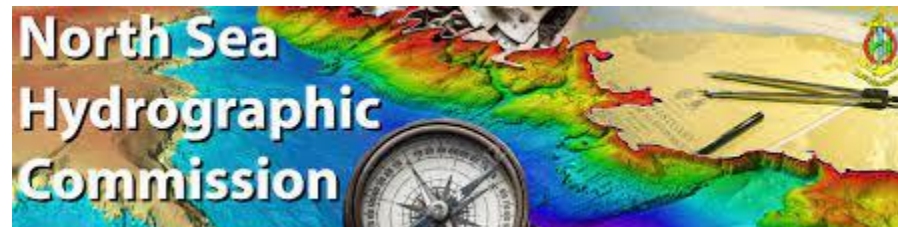




WENDWG Report to NSHC36



NSHC, Virtual meeting, 29th – 30th March 2023



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REPORT OF THE WORLDWIDE ENC DATABASE WORKING GROUP (WENDWG)

Meetings Held During Reporting Period

WENDWG13, Aalborg, Denmark, 21-23 February 2023

Programme of Work

The following key issues were discussed and are summarised in more detail further within this report:

- S-100 Implementation and Coordination
- Review of important matters raised by RENCs on S-100 Implementation
- S-128 discussions and INTOGIS III
- ENC Scheming Guidelines

WENDWG is a subsidiary working group of the Inter Regional Coordination Committee (IRCC). The purpose of the WEND Working Group is to advise IRCC to enable the highest societal value of Member State effort by:

- 1) Facilitating a world-wide consistent level of high-quality, updated official S-57 ENC's through integrated services that support chart carriage requirements of SOLAS Chapter V, and the requirements of the IMO Performance Standards for ECDIS*
- 2) Reviewing options, and recommending actions, that expand the value of the Worldwide ENC Database to all marine data users applying data management principles and*
- 3) Supporting the S-100 based products implementation strategy.*



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S-100 IMPLEMENTATION AND COORDINATION

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WENDWG IGIF Matrix – [NSHC 2023 IGIF](#)

Following the UGIN IGIF template looking at 9 categories (Governance and Institutions, Policy and Legal, Data, Financial, Innovation, Standards, Partnerships, Capacity and Education, Communication and Engagement) for S-101 (ENC), S-102 (Bathy Surface), S-104 (Water Levels), S-111 (Surface Currents), S-122 (Marine Protected Areas), S-124 (Navigation Warnings), S-128 (Catalogue of Products) and MSDI.

Completed by ICCWG chair and WENDWG representative using data collected by Belgium.

Completed in a pessimistic manner with the understanding that as we understand and build the coordination the score will increase.

IRCC recommendation: Establish regional S-100 coordinator/coordination responsibilities

		S-101 (ENC)				S-102 (Bathy Surface)				S-104 (Water Levels)		
		Readiness Level	Readiness Description	Score		Readiness Level	Readiness Description	Score		Readiness Level	Readiness Description	Score
	Governance and Institutions	Governance and Institutions (A)	The product is part of a documented national institutional plan, custodianship (a managing Product has a documented policy regarding data protection, licensing, sharing and	8.40		Governance and Institutions (B)	The product is part of a documented national institutional plan, custodianship (a managing Product has a documented policy regarding data protection, licensing, sharing and	8.40		Governance and Institutions (A)	The product governance plan has been drafted but not endorsed by the national authority or at the RHC level. A product may be	5.70
	Policy and Legal	Policy and Legal (B)	Product is supported through national data collection and is NOT regionally agreed as suitable. There is a regular	8.40		Policy and Legal (B)	Product is supported through national data collection and is NOT regionally agreed as suitable. There is a regular	8.40		Policy and Legal (B)	Product has been produced, but there is no documented policy.	3.00
	Data	Data (C)	The product is supported by a business model that includes current funding sources, obligations, financial risks, and future investments has been completed. An agreed upon business case	5.70		Data (D)	The product is supported by a business model that includes current funding sources, obligations, financial risks, and future investments has been completed. An agreed upon business case	5.70		Data (C)	Product has been produced but data is not regularly applied for updates.	3.00
	Financial	Financial (E)	Product is available only for national governmental use to influence	5.70		Financial (B)	Product is available only for national governmental use to influence	5.70		Financial (E)	Product has been produced, but is NOT available for use to influence national	3.00



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S-128 AND INTOGISIII

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The INTOGIS III project progress will be reported at IRCC15 with the recommendation that it should be reflected in the Roadmap of the S-100 Implementation Decade in the future

Member states and RENCs are encouraged to supply their S-128 data to KHOA for testing and development of INTOGISIII.

Based on the experimentation in progress, the WENDWG agreed on the need for a joint NIPWG/S-100WG concept paper with inclusion from RENCs and VARs on the operational use of S-128 with use case#1 from the WEND100 Implementation Guidelines: SOLAS navigation, Route Monitoring products.

An update from the RENCs and KHOA on progress of S-128 is now on the agenda for WENDWG14.

ENC SCHEMING GUIDELINES

Discussion resumed around scheming, considering future S100 products. The project team headed by Japan had concluded there was no agreeable global common grid scheme.

WENDWG tasked the representatives to report, for each Charting Region, on their S-101 ENC planned Schemes (UB1 up to UB4) at WENDWG14.



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RECOMMENDATIONS/TO NOTE

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- a. **Commend** Belgium for the distribution and collation of the S100 questionnaire.
- b. **Note** the recommendation from IRCC for RHCs to consider the role of an S-100 Services Coordinator. – Action completed during item D.1.
- c. **Note** the recommendation from IRCC for RHCs to develop regional organisational pathway for S-1XX priority products and the ongoing nature of updating the WEND IGIF.
- d. **Note** the IHO Council Decision to further update the S-100 Implementation Roadmap to include Guidelines on the Implementation of WEND-100 Principles.