

WENDWG Work Programme 2021-22 (to be approved at IRCC-13)**Objectives** ([WENDWG TORs](#) refer)

1. Monitor the development of adequate ENC coverage to meet carriage requirements for ECDIS;
2. Develop proposals for speeding up ENC production and ensuring uniform ENC quality and consistency, and for making data available worldwide, including SENC distribution, taking advantage of any offers for production assistance, or other ways of mutual assistance and co-operation;
3. Advise MS, where appropriate, on the need, as well as on methods and tools for validating the data, and on any assistance which could be offered by the RENCs;
4. Monitor the implementation of the WEND, in response to Decision 21 of the XVIIth IHC, and advise IRCC of appropriate measures for speeding-up the implementation process;
5. Assist in harmonizing the policies of regional ENC Coordinating Centres (RENC) with respect to matters related to administration, legality, finances, technical processes, et cetera.
6. Develop options to expand the value of the Worldwide ENC Database to all marine data users applying data management principles
7. Develop WEND-like Principles, if appropriate, in order to support the production and dissemination of S-101 ENCs and the first generation of S-100 based products

Tasks

A	To assess overlapping ENC data issues within ECDIS and make progress to solve them
B	To finalise paper on Guidelines on Assessing and Eliminating the Risk of Overlapping ENC Cells
C	To progress on RENC Harmonization Issues
D	To continue working to attract ENC producer nations to join the RENCs or distribute their ENCs through a RENC
E	To ensure data quality and consistency
F	To monitor and report ENC coverage report to WENDWG
G	<i>Left blank intentionally</i>
H	To maintain the development of the IHO ENC Coverage Catalogue and progress the development of INTogIS III aiming to include the catalogue of S-100 Products & Services
I	To provide support on capacity Building activities, as appropriate
J	To propose way ahead for assessing the long term consequences of not achieving full implementation of the WEND Principles-Left blank intentionally
K	To address the relevance of information overlay services and their status in the global IHO ENC Programme-Left blank intentionally
L	To support non-ECDIS maritime community through license management of ENC data
M	To support Seabed 2030 Initiative

N	To prepare the WEND-100 Principles and associated Guidelines as key component of the Roadmap for the S-100 Implementation Decade
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Work Item	Title	Priority H-High M-Medium L-Low	Next Milestone	Start Date	End Date	Status P-Planned O-Ongoing C-Completed S-superseded	Contact Person(s). Participants	Deliverable	Remarks
B.3	Monitor the implementation of the IHO Resolution on the Elimination of overlapping ENC data in areas of demonstrable risk to the safety of navigation	M	WENDWG12	2018	Permanent	O	Chair, RHCs, RENCs, IHO Sec	No ENC overlap that is navigationally-significant in 2020	IHO Resolution 1/2018 in force (IHO CL 19/2018 refers).
B.4	Make available a Worldwide AIS traffic density database to the IHO Member States through the IHO GIS System (INToGIS II,...)	M	WENDWG12	2018	2022	O	US, ROK, IHO Sec.	INToGIS II additional layer at the disposal of ICCWGs	For ENC gap coverage assessment. US NGA leads.
C.2	Report on RENC Harmonization issues and progress made	M	WENDWG12	--	Permanent	O	RENCs		Done for 2021.
D.3	Monitor ENC Producers who distribute their ENCs through a RENC	M	WENDWG12	2014	Permanent	O	RENCs, RHCs, IHO Sec.	Updated ENC Data Flow Diagram (EAHC RECC now included)	IHO CL 59/2014 refers.

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F.1	Monitor global and regional ENC Coverage	M		2014	Permanent	O	UK, RHCs	Annual statistics	Reports are now made by RHCs Rep. at WENDWG meetings
F.2	Using risk assessment methodologies, identify and consider ENC Gaps	M		2014	Permanent	O	RHCs, IHO Sec.	Improved coverage (and supporting survey plans where needed)	To be continued and improved by RHCs. Reports are now made by RHCs Rep. at WENDWG meetings
F.3	Update the List of Ports (and moorings) database	M	WENDWG12	2014	Permanent	O	US, ROK, RHCs	API with INTGIS II	New World Port Index Database in development (US NGA leads)
F.4	Provide relevant SPIs and WPIs on ENC adequate Coverage and ENC Producers in support of the IHO Strategic Plan 2021-2026	M		2021	Permanent	O	tbd	IHO Annual Report	On hold (waiting for IRCC instructions)

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H.1	Continue the maintenance of the IHO ENC Coverage Catalogue	H		2014	Permanent	O	IHO Sec., UKHO, RENCs		
H.2	Monitor the development of INTtoGIS III as part of the IHO GIS Infrastructure	M	WENDWG12	2021	2030	P	ROK, IHO Sec.		Action WENDWG11/14. Compliance with S-128.
H.3	Develop approved ENC schemes in every charting regions (S-57 ENCs, then S-101 ENCs), at least for small scales	H	WENDWG12	--	Permanent	O	RHCs	ENC Schemes available online	Top priority identified in C-1, no progress
I.1	Provide support to CBSC on request for compelling requirements in the scope of the WENDWG activities	M		2015	--	P	RHCs		As appropriate
J.5	Improve ENC full accessibility	H	WENDWG10	2016	WENDWG9 Permanent	O	Myanmar, Sri Lanka, Thailand, UK, Viet Nam		Action WENDWG7/12WENDWG8/13 Action WENDWG9/09

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L.1	Consider possibility of offering a licence management service for non-SOLAS class vessels	M		2018	WENDWG10	C	RENCs		Action WENDWG9/13
M.1	Consider supporting the Seabed 2030 Initiative through the IHO DCDB with ENC data	M		2018	Permanent	O	ENC Producers, RENCs	Bathymetric information extracted from RENC databases	Action WENDWG9/12. Call for IBCSO ver.2 made in 2021
N.1	Develop new WEND-like Principles in support of the production and dissemination of S-101 ENCs and the 1 st generation of S-100 based products	M		2019	WENDWG11	C	Chair, US, NL	Draft WEND-100 Principles	Endorsed at A-2
N.2	Propose the new WEND-100 Principles to the approval of Member States	H	IRCC-13, then C-5	2020	2021	O		IHO Resolution in M-3, and component of Roadmap for the S-100 Implementation Decade	Annex A of WENDWG Report to IRCC-13

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N.3	Develop S-101 ENC Scheming Guidelines	H	WENDWG12	2021	2022	0	JP leading drafting group	Guidelines	
N.4	Develop S-1xx Implementation ENC Guidelines	H	WENDWG12	2021	2023	0	NL leading drafting group	Guidelines	
N.5	Contribute and propose amendments to the Roadmap for the S-100 Implementation Decade	M	IRCC13	2021	Permanent	O	Chair		