LIST OF ACTIONS&DECISIONS FROM WENDWG-12

*(Version **1.1**, as of 15 November 2022)*

Note: In this list of decisions & actions, when using "***RHCs, HOs, IHO Member States XX, RENCs, WENDWG Sec.*** *to consider, to do, to…*", it means that decisions and actions are assigned to the representatives of these entities in the WENDWG. Subsequent actions are then to be considered by appropriate bodies.

AGENDA ITEM/WORK IEM	SUBJECT	ACTION No.	ACTIONS&DECISIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 15 Nov. 2022)
1.	**Opening Opening - Welcome address by Chair/Director Luigi Sinapi – Objectives of the meeting**				
	WENDWG Membership	WENDWG12/01	**Members and RHCs** to review the WENDWG Membership List and provide updates to the **WENDWG Sec.**	**Permanent**	Last update: 31 Aug. 2022
2.	**Approval of Agenda and Timetable**				
	Agenda and Timetable	WENDWG12/02	The **WENDWG** approved the agenda and timetable.		Decision
3.	**Review of the Matters arising from WENDWG-11 Meeting, IRCC-13, A-2 and C-5**				
	Roadmap for S-100 Implementation Decade	WENDWG12/03	Following-up on C-5, the **WENDWG** noted the availability of the Roadmap v2.0 and agreed to consider whether further amendments need to be submitted to IRCC-14.	**IRCC-14 (-7 weeks)**	Decision

Complete (version 1.0 of the Appendix to Annex 3 of the Roadmap) |

AGENDA ITEM/WORK IEM	SUBJECT	ACTION No.	ACTIONS&DECISIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 15 Nov. 2022)
	HD ENCs	WENDWG12/04	The **WENDWG** noted the outcome of the survey on HD ENCs and the possible impact of the development of S-102 (IHO CL 42/2021 refers).		Decision
	HD ENCs	WENDWG12/05	The **WENDWG** noted the proposal by Australia, UK for solving the Safety Contour Problem in ECDIS with HD ENCs.		Decision
	HD ENCs	WENDWG12/06	**WENDWG Chair** to report at **IRCC** with the following recommendations: - to acknowledge the important user needs for improved safety contour usability. - to invite Member States to consider the role that HD ENCs can play in doing this before S-100 ECDIS becomes widely available as well as S-102.	**IRCC-14 (-7 weeks)**	Complete
	HD ENCs	WENDWG12/07	The **WENDWG** welcomed the invitation by **IC-ENC** to participate in a technical conference on ECDIS and HD ENCs on 16 March [invitation has been uploaded on the WENDWG12 webpage].	**16 March**	Complete
4.	**S-100 Implementation Strategy – WEND100 Principles –Dual Fuel Governance**				
4.1	**Impact of WEND-100 Principles on the S-100 Implementation Strategy**				

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	Roadmap for S-100 Implementation Decade	WENDWG12/08	**WENDWG Chair** to report to **IRCC** that a set of amendments to the Roadmap focussing on Dual Fuel Governance, Guidelines on the Implementation of WEND-100 Principles and Cataloguing (INToGIS III) will be considered at the next WENDWG meeting.	**IRCC-14 / WENDWG-13**	Decision In progress
	Impact of WEND-100 Principles on IHO Resolutions	WENDWG12/09	Noting the proposals made by the ROK at A-2 to amend some IHO Resolutions, the **WENDWG** agreed that most of them are in the remit of HSSC and will be considered at HSSC-14.	**HSSC-14**	Complete (See A-3 PRO 2.X)
4.2	**Follow-up Action WENDWG11/06- S-101 ENC Scheming Guidelines**				
	S-101 ENC Scheming Guidelines	WENDWG12/10	The **WENDWG** commended the drafting group for their work, noted the report and agreed on the way forward proposed under option 2 (status quo for now, reconsideration at WENDWG-13 based on RHCs' reports).	**WENDWG-13**	Decision In progress
	S-101 ENC Scheming Guidelines	WENDWG12/11	**WENDWG Chair** to provide a status report at **IRCC** on the main outcome of the drafting group, key issues identified, and work still to be done.	**IRCC-14**	Complete

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	S-101 ENC Scheming Guidelines	WENDWG12/12	Noting the outcome of the discussion on a possible long-term strategy for a Global Common Grid Scheme (which still needs to be considered), **RHCs Reps** (to be tasked by **IRCC**) to share their agreed strategy at regional level on S-101 ENC Scheming/Production (not excluding other S-1xx products) and report on user needs, shortfalls,… at the next WENDWG meeting.	**WENDWG-13**	In progress
	S-101 ENC Scheming Guidelines	WENDWG12/13	The **WENDWG** agreed to keep the drafting group active until the next meeting, for monitoring and collation of case studies.	**WENDWG-13**	In progress
	S-101 ENC Scheming Guidelines	WENDWG12/14	**Canada** offered to share their S-100 Implementation Strategy for making it available by the **Secretariat** in the WENDWG Repository.	**June 2022**	Complete (provided at C-6)
4.3	**Follow-up Action WENDWG11/09- S-1xx Implementation Guidelines**				
	S-1xx Implementation Guidelines (Doc WENDW12-04.3A refers)	WENDWG12/15	The **WENDWG** commended the drafting group for their outstanding work.		Decision

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	S-1xx Implementation Guidelines (Doc WENDW12-04.3A refers)	WENDWG12/16	The **WENDWG** agreed to focus the drafting work to use case SOLAS V, (ECDIS in particular) considering S-102, S-104, and S-111 products in particular. However, as an outcome of the discussion on the typology of use cases categories, the **WENDWG** agreed that consideration should be given by the drafting group to make a distinction in the non-SOLAS use case between navigation use and other use than navigation.	**WENDWG-13**	Decision In progress
	S-1xx Implementation Guidelines (Doc WENDW12-04.3A refers)	WENDWG12/17	The **WENDWG** discussed the decisions points proposed on various issues and agreed that more work is necessary (route monitoring, route planning, regional versus oceanic for S-102, S-104 and S-111, S-128 options). The **drafting group** to prepare a new draft of the Guidelines based on discussions to be submitted to the WENDWG 1st, then for **WENDWG Chair** to be included in the report to IRCC.	**IRCC-14 (- 7 weeks)**	Decision Complete
4.4	**Dual Fuel Concept, S-100 ECDIS Governance Document and S-98**				

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	Dual Fuel Concept	WENDWG12/18	**The WENDWG** commended the **S-100WG Chair** and her development team and noted the presentation on the Dual Fuel Concept that will be submitted for endorsement at **HSSC** [and **IRCC**].		
	Dual Fuel Concept	WENDWG12/19	**WENDWG Chair** invited the **WENDWG Members** to provide their comments if any to **S-100WG Chair**[1] on the DF Document as soon as possible.	**No later than 7 March**	Complete
	Dual Fuel Concept	WENDWG12/20	Meanwhile, the **WENDWG Chair/S-100WG Chair** agreed to consider making a proposal for an amendment to the Roadmap v2.0 (Annex 4?) to the relevant Committee(s) (IRCC or HSSC).	**After endorsement by HSSC-14, but prior to IRCC-14 submission deadline**	Complete

5.	**Review of the matters, if any, raised by RHCs Representative and ENC Charting Regions Coordinators that may affect the WENDWG – INToGIS II update – S-128**
5.1	**Review of important matters raised by ENC Charting Regions Coordinators**

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[1] Julia Powell (julia.powell@noaa.gov) , Cc: Jonathan Pritchard (jonathan.pritchard@iictechnologies.com)

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		WENDWG12/21	The **WENDWG** to invite **IRCC / RHCs Reps** to consider how they anticipate the role of S-100 Services Coordinator in their future (expansion of the role of Chart Coordinators, or establishment of a new function) and whether amendment is needed for a new Section 300 in S-11 Part A (or another Standard) as it is under the custodianship of NCWG. **RHCs Reps** in WENDWG to report at the next meeting.	**IRCC-14 (-7 weeks)** **WENDWG-13**	Complete In progress
5.2 INToGIS II update – S-128 – Towards INToGIS III for S-1xx products					
	Management tools	WENDWG12/22	Following-up on WENDWG11/13, the **WENDWG** noted the existing tools in various systems operated, developed and maintained by different operators (RENCs) as well as their plans to include S-1xx products in the future.		Decision

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	Towards INToGIS III, S-128	WENDWG12/23	The **WENDWG** endorsed the strategy, way forward and timelines proposed by KHOA for the subsequent development of INToGIS **III** (incl. catalogue of S-1xx products/services S-128 compliant), as presented at the meeting. **The WENDWG** commended **KHOA** and the **RENCs** for their report and invited them to provide an update at the next meeting.	**WENDWG-13**	Decision In progress
	INToGIS II, Traffic Density	WENDWG12/24	The **WENDWG** thanked the **US (NGA)** for their update on the World Port Index database and maintenance procedure and invited them to consider the possibilities offered by the development of S-131 as a possible way forward in the future. The **WENDWG Secretariat** reminded the **US (NGA)** to provide a status report to the **Secretariat** on the worldwide coverage traffic density layer information note, before it can be officially commissioned in INToGIS II.	**WENDWG-13** **June 2022**	Complete

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	INToGIS II, Port Index Database	WENDWG12/25	The **WENDWG** invited the **US (NGA)** and **KHOA** to liaise for a seamless maintenance of a version-controlled database of the Port Index layer in INToGIS II.	**WENDWG-13**	Complete
	IINToGIS III	WENDWG12/26	The **WENDWG Chair** to report to the **IRCC** on INToGIS III project and recommend that it should be reflected in the Roadmap of the S-100 Implementation Decade in the future.	**IRCC-14/ WENDWG-13**	In progress
6.	Review of progress made on the work items of the WENDWG Programme of Work				
6.1	ENC Coverage, Gaps and Overlapping issues, ENC Schemes				
6.2	RENC Harmonization and ENC Distribution				
	RENCs	WENDWG12/27	In preparation of their forthcoming conferences and ICCWG meetings, **RHCs Reps** in WENDWG are invited to consider the IC-ENC overlaps assessment composite report (.zip) available on the WENDWG12 webpage.	**As appropriate**	
	SECOM (Secure Comms)	WENDWG12/28	**PRIMAR** agreed to provide an update on the SECOM e-Nav Project at the next meeting.	**WENDWG-13**	
	ENC Data Flow	WENDWG12/29	The **WENDWG** noted the update provided by the RENCs/RECC of the Data Flow Diagram (available on WENDWG > Repository webpage).		Decision Complete

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	IC-ENC's Overlapping ENC Policy	WENDWG12/30	The **WENDWG Members** to provide comments on the new IC-ENC's Policy on Overlapping ENCs[2].	**10 March**	
	CATZOC	WENDWG12/31	For the automated implementation of some SPIs, for maintaining the CATZOC layer in INToGIS II, **WENDWG Chair** to request at the next IRCC meeting as part of the report that **Member States** re-consider their position on providing CATZOC layers and to allow the distribution of their CATZOC data to the **Secretariat**.	**IRCC-14**	Complete
	RENCs	WENDWG12/32 (former WENDWG11/15)	**The WENDWG** commended the RENCs for their reports which highlighted the development of new S-100 operational services (including S-57 to S-101 conversion support services and other S-100 training initiatives).		
7. Any Other Business					

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[2] See Doc. WENDWG12-06.2C on https://iho.int/en/wendwg12-2022.

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	Roadmap on the S-100 Implementation Decade	WENDWG12/33	**WENDWG Chair** to recommend in his report to **IRCC**, that **RHCs** include a standing agenda item in their forthcoming Conferences/Meetings, by which they engage in the development of a regional organizational pathway (UN-GGIM compliant - Integrated Geospatial Information Framework (IGIF))[3] for every S-1xx top priority products.	**IRCC-14**	Complete
			The **WENDWG** agreed that the combined effort (nomination of S-100 Coordinator by **RHCs** + development of IGIF / per RHCs / per S-1-xx Product) is an important way forward to be proposed by the **WENDWG Chair** at the next IRCC-14 meeting for endorsement, and implementation by **RHCs**.	**IRCC-14**	Decision
			Based on a IGIF template to be prepared by **Chair/Secretary**, status Reports by **RHCs Reps** expected at the next meeting.	**End of March 2022 / WENDWG-13**	In progress (WENDWG CL 02/2022 refers)

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[3] Integrated Geospatial Information Framework (IGIF): https://ggim.un.org/IGIF/ .

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	TORs	WENDWG12/34	Noting the extension of the scope of activities, **WENDWG** to consider whether a revision of the TORs and ROPs is needed. The **WENDWG** welcomed the offer made by **US (NGA)** to lead this task and prepare a proposal at the next meeting.	**WENDWG-13/ IRCC-15**	Planned
8. Review and update of the WENDWG Programme of Work – – Preparation of Report to IRCC-14 and inputs expected from the WENDWG to IRCC/Council Chairs, if any, for C-6					
		WENDWG12/35	Based on the decisions and tasks above, **WENDWG Secretary** to prepare the amendments to the proposed WENDWG Programme 2022-23 for the **WENDWG Chair**.	**IRCC-14 (-7 weeks)**	Complete
9. Review of the WENDWG-11 List of Decisions and Actions					
10. Next meeting dates and venue					

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	WENDWG-13	WENDWG12/36	Noting the proximity to A-3, the **WENDWG** welcomed the offer made by <mark>xxx</mark> to host the WENDWG-13 meeting (21-23 Feb 2023, *dates and location to be confirmed*) and **Chair** to consider an open session for SMEs and industry in 2023.	**June 2022**	Decision
			WENDWG Chair to consider at a later stage whether an extra VTC session is needed in Sept 2022, prior to C-6 to progress with some actions.	**After IRCC-14**	Complete