

LIST OF ACTIONS&DECISIONS FROM WENDWG-13

(Version 1.0, as of 7 March 2023)

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 7 March 2023)
1. Opening Opening - Welcome address by Chair/Director Luigi Sinapi – Objectives of the meeting					
		WENDWG13/01	The WENDWG welcomed the opening addresses by Ms Pia Dahl Højgaard, Director General of DGA, and IHO Director Luigi Sinapi, introducing the new S-100 era and the importance of the WENDWG as well as the need to raise the awareness of the RHCs, in their involvement for a harmonized coordination in the S-100 Implementation Roadmap.		
	WENDWG Membership	WENDWG13/02	Members and RHCs to review the WENDWG Membership List and provide updates to the WENDWG Sec.	Permanent	Last update: 22 Feb. 2023
2. Approval of Agenda and Timetable					

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	Agenda and Timetable	WENDWG13/03	The WENDWG approved the agenda and timetable “as is”, and noted the late submission of information papers or reports under agenda items 5.1, 5.3 and 7.1.		Decision
3. Review of the Matters arising from WENDWG-12 Meeting, IRCC-14, and C-6					
	Review of Decisions and Actions from WENDWG12	WENDWG13/04	The WENDWG Secretary listed the actions from WENDWG12 that need to be considered at this WENDWG13 meeting under the relevant agenda items.		
	IRCC-14, C-6	WENDWG13/05	The WENDWG agreed not to review decisions and actions from IRCC-14 and C-6 since most are overtaken by proposals and reports to A-3.		Decision
	S-1xx Implementation Guidelines (Doc WENDW12-04.3A refers)	WENDWG13/06 (former 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 use case 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 (Related Decision C6/31).	Complete WENDWG-14 (for maintenance)	Decision

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4. Review of progress made on the work items of the WENDWG Programme of Work including a comprehensive discussion of WENDWG accomplishments and the future of the WG, RENCs perspectives					
4.1 Progress made of the work items of the WENDWG Programme of Work, WENDWG accomplishments, and future of the Working Group					
	Continuation, WENDWG TORs	WENDWG13/07	In preparation of agenda item 9 (review of TORs), the WENDWG noted the accomplishments from 2019 to 2023 and iaw WENDWG ROP 4, agreed to recommend the continuation of the WENDWG activities to IRCC-15.	IRCC-15 (- 7 weeks)	

	Strategies on S-100 developments in RHCs	WENDWG13/08	<p>The WENDWG invited its Members, representing RHCs in particular, to bring the outcome of this WENDWG13 meeting (questions, concerns, recommendations) back to their RHCs Members.</p> <p>IRCC/WENDWG Chairs to consider providing an update on the situation around the world at A-3 (possible bullet points: <i>not all the MS will have the capacity to produce all S-1xx products, capacity approach across RHC Members is needed, international coordination requests national coordination on S-1xx products first, S-100 Coordination to be implemented in each RHC, RENCs are instrumental for harmonization, user requirements are the driver for prioritization (international maritime shipping based on traffic density stats, depth constraints, depths variability...), pamphlet for communication (internal, external, IMO, expected target coverage, S-101 will not save the S-100 concept alone, top priority products Route Monitoring to be handled by each RHCs...), multidimensional approach (governance, resources, co-existence of production requirements, etc.)</i>)</p> <p>WENDWG/IRCC to invite RHCs to develop their schedule to meet the 2026 IMO target (S-100 ECDIS), and share their own roadmap at the next meeting.</p>	<p>A-3</p> <p>WENDWG-14</p>	
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4.2 RENCs Perspectives on the accomplishments and future of the WENDWG					
		WENDWG13/09	The WENDWG welcomed the suggestions/comments from the RENCs provided throughout the discussions.		
5. Review of RHCs Representatives and/or ENC Charting Regions Coordinators, and RENCs on matters of interest to the WENDWG and on S-100 Implementation					
5.1 Review of important matters raised by RHCs/ ENC Charting Regions - S-100 Coordinators					

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	S-100 in RHCs	WENDWG13/10	<p>The WENDWG noted the progress and concerns raised by the representatives of the following RHCs.</p> <p>Live basic/subjective assessment of the S-100 coordination process in RHCs:</p> <ul style="list-style-type: none"> - BSHC (intermediate) - USCHC (good but...) - EAtHC (intermediate) - HCA (intermediate) - SAIHC (low) - SWAtHC (low) - MBSHC (intermediate) - EAHC (intermediate/low) - NSHC (intermediate/low) - MACHC (low) - SWPHC (low) - ARHC (intermediate/low) - Other RHCs (no information) <p>IRCC/WENDWG Chair to consider the possibility to update A-3 on the large spectrum of situations (national level, RHC level).</p>	A-3	

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	S-100 in RHCs	WENDWG13/11	<p>The WENDWG agreed on some principles and recommendations suggested by the EAtHC, some of them to be included in amendments to WENDWG TORs, some others in a possible Section 300 of S-11 Part A (<i>Coordination and Management of the Development of S-100 Data Services in RHCs: FAQ, best practices, recommendations</i> – still to be developed).</p> <p>WENDWG Chair to submit a proposal to IRCC for launching the development of such a Section 300.</p>	IRCC-15 (-7 weeks)	
		WENDWG13/12 (former WENDWG12/21)	<p>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.</p> <p>RHCs Reps in WENDWG to report at the next meeting.</p>	IRCC-15 (-7 weeks) WENDWG-14	
5.2 Review of important matters raised by RENCs on S-100 Implementation – Challenges and Plans					

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	S-100 in IC-ENC	WENDWG13/13	The WENDWG commended IC-ENC for its report, and noted in particular the new services under development (e.g. ENC Conversion Readiness Service) as well as the open invitation to attend the next IC-ENC Technical Conference (contact: James.Harper@ic-enc.org)	14 March	
	S-100 in PRIMAR	WENDWG13/14	The WENDWG commended PRIMAR for its report, and noted the extended scope of new services under development or in operational testing phase, offered to Member States in support of S-100 implementation.		
	e-Learning	WENDWG13/15	The WENDWG invited the RENCs to consider the possibility of creating a joint suite of e-learning support and material on S-100 to be made available on the e-Learning platform.	WENDWG-14	
5.3 Outcome of WENDWG Letter 02/2022 – WEND100-IGIF Matrix (Include progress and proposed timelines for S-100 implementation) – SPI 1.3.1					

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	WEND100-IGIF	WENDWG13/16	<p>The WENDWG commended the RHCs for the efforts made to fill the version 1.0 of WEND100-IGIF Matrix.</p> <p>The WENDWG welcomed the WENDWG Chair for his introduction on the key objectives of this tool and the recommendations.</p>		
	WEND100-IGIF	<p>WENDWG13/17</p> <p>former WENDWG12/21</p>	<p>The WENDWG agreed to pursue the development of a version 1.x of the matrix for the next round based on the experience gained from version 1.0 and to provide more guidance (objectives and practical guidelines to fill the spreadsheet – national versus regional, assumptions, harmonization, ...).</p> <p>WENDWG Members to provide the WENDWG Chair/Secretary with their comments on current version 1.0.</p> <p>RHCs Reps in WENDWG to report at the next meeting.</p> <p>IHO Secretariat to maintain the RHCs matrix on the WENDWG Repository webpage and upload the draft TORs of any RHCs.</p>	<p>WENDWG-14</p> <p>End of April</p> <p>WENDWG-14</p>	

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	WEND100-IGIF	WENDWG13/32	Meanwhile, the WENDWG invited the WENDWG Members (as RHCs Reps) who have not filled the matrix yet to do it.	End of June 2023¹	
6. INTToGIS II update – S-128					
6.1 INTToGIS III – S-128 by NIPWG					
	INTToGIS III	WENDWG13/18	The WENDWG invited the RENCs and WENDWG Members to consider the possibility of providing their S-128 Test Datasets to KHOA.	May 2023	
	IINTToGIS III	WENDWG13/19 (former WENDWG12/26)	The WENDWG Chair to report to the IRCC on INTToGIS III project and recommend that it should be reflected in the Roadmap of the S-100 Implementation Decade in the future.	IRCC-15/ WENDWG-14	In progress
	Towards INTToGIS III, S-128	WENDWG13/20 (former WENDWG12/23)	The WENDWG endorsed the strategy, way forward and timelines proposed by KHOA for the subsequent development of INTToGIS 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-14	Decision In progress

¹ EAthC Rep. informed that matrix will be completed in Autumn 2023 and made available by the end of 2023.

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6.2 Operational service implications of S-128					
	Operational service of S-128	WENDWG13/21	<p>The WENDWG noted Annex A - S-128 Service Provision Implications and is invited to provide feedback to NIPWG.</p> <p>Based on the experimentation in progress, the WENDWG agreed on the need for a joint NIPWG/S-100WG concept paper on the operational use of S-128, drafted in liaison with the WENDWG (taking into account the positions from the RENCs and the value chain – see 6.3 below) (Reference HSSC14/52).</p> <p>The WENDWG recommended the S-100WG/NIPWG Chair (RENCs support expected) to develop this concept paper with use case#1 from the WEND100 Implementation Guidelines: <i>SOLAS navigation, Route Monitoring products</i>, as the top priority, and extend the scope of this concept paper for other use cases once step 1 is achieved).</p>	September 2023 (NIPWG-10)	
6.3 RENCs position on S-128					
		WENDWG13/22	The WENDWG noted the positions of the RENCs on S-128 and recommendations (see also RENCs reports under agenda item 5.2).		

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7. Review of progress made on the work items of the WENDWG Programme of Work					
7.1 Reconsideration of WENDWG11/06 - ENC Scheming Guidelines					
		WENDWG13/23	Based on the different presentations offered at the WENDWG13 meeting, noting the absence of common ground for a global common grid scheme, the WENDWG tasked the WENDWG Members/RHCs Reps to report, for each Charting Region, on their S-101 ENC <u>planned Schemes</u> (for every band scales equivalent to UB1 until UB4 (no need for UB5&UB6 equivalent), using INTtoGIS III, if available by 30 September (ROK/KHOA) . S-101 Scheming Guidelines Project Team on stand-by from now on, until next meeting.	End of December 2023 WENDWG-14	
	S-101 ENC Scheming Guidelines	WENDWG13/24 (former WENDWG12/13)	The WENDWG agreed to keep the drafting group active until the next meeting, for monitoring and collation of case studies.	WENDWG-14	In progress
9. WENDWG Terms of Reference – Review of draft proposal of amendments of the WENDWG TORs.					

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	TORs	WENDWG13/25	<p>The WENDWG agreed to submit an amended version of its TORs and Rules of Procedure to IRCC15 for approval (drivers: scope extension to S-100, S-100 implementation and RHC coordination, amended version of the ECDIS Performance Standard, gender-neutrality).</p> <p>The WENDWG thanked US (NGA) for their preliminary work. US (NGA)/Chair/Secretary to finalise the submission proposal to IRCC (redline and clean version to be attached to a short submission proposal).</p>	<p>IRCC-15 (- 7 weeks)</p> <p>End of March</p>	
10. Any Other Business					
	Mitigating Navigational Risk Involving Overlapping ENC's with Inverse Band-Scale Relationships	WENDWG13/26	<p>The WENDWG endorsed the need for further investigation into risk presented by this new overlap case and agreed to engage as appropriate with the ENCWG to conduct further investigation into prevalence of affected ECDIS/OEMs (support granted by Furuno, SevenCs and RENCs for identification of existing cases).</p> <p>US (NGA) agreed to take the lead on this action.</p>	<p>ENCWG-8 (September 2023)</p> <p>30 April</p>	

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	A-3 Member States Exhibition	WENDWG13/27	The WENDWG welcomed the offer by the USA to display data and photos on Science On a Sphere® at A-3 (Member States Exhibition).	1 April 2023	
11. Review and update of the WENDWG Programme of Work -- Preparation of Report to IRCC-15 and inputs expected from the WENDWG to IRCC/Council Chairs, if any, for C-7					
12. Review of the WENDWG-13 List of Decisions and Actions					
13. Next meeting(s) dates and venue and election of new Chair and Vice Chair - Conclusion					
	WENDWG-14	WENDWG13/28	<p>The WENDWG welcomed the offer made by the US (back-up IHO Secretariat) to host the WENDWG-14 meeting (20-22 Feb 2024, <i>dates and location to be confirmed</i>) and Chair to consider an open session for SMEs and industry in 2024 (theme to designed).</p> <p>WENDWG Chair to consider at a later stage whether an extra VTC session is needed in the second half of 2023, prior to C-7 to progress with some actions.</p>	<p>June 2023</p> <p>After A-3 /IRCC-15</p>	Decision

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		WENDWG13/29	The WENDWG welcomed the offer from Australia to host the WENDWG-15 meeting (18 – 20 February 2025), <i>dates and location to be confirmed</i> , as well as the one from Hong Kong China for 2026.	WENDWG-14	
	Chair/Vice Chair	WENDWG13/30	The WENDWG thanked Dr John Nyberg (US) and Ms Annika Kindeberg (SE) , outgoing Chair and Vice Chair respectively, for their remarkable commitments and achievements since 2019/2020.		
	Chair/Vice Chair	WENDWG13/31	Mr Jens Schröder-Fürstenberg (DE) was elected as Chair by secret ballot and Mr Jason Scholey (UK) was elected as Vice Chair by acclamation. The WENDWG thanked the respective supporting organizations (BSH, Shom and UKHO) for the nominations.	Date of effect: 1 July 2023	
	Danish Geodata Agency	WENDWG13/33	The WENDWG Chair and Director Luigi Sinapi , on behalf of the participants, thanked DGA (Denmark) and their staff for their outstanding hospitality and efficiency in the preparation of this meeting.		