**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 |
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| **2. Approval of Agenda and Timetable** | | | | | |
|  | Agenda and Timetable | WENDWG12/02 | The **WENDWG** approved the agenda and timetable. |  | Decision |
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| **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) |
|  | 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 |
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| **4. S-100 Implementation Strategy – WEND100 Principles –Dual Fuel Governance** | | | | | |
| **4.1 Impact of WEND-100 Principles on the S-100 Implementation Strategy** | | | | | |
|  | 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) |
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| **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 |
|  | 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) |
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| **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 |
|  | 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 andother 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 |
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| **4.4 Dual Fuel Concept, S-100 ECDIS Governance Document and S-98** | | | | | |
|  | Dual Fuel Concept | WENDWG12/18 | **The WENDWG** commendedthe **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]](#footnote-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 |
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| **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** | | | | | |
|  |  | 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 |
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| **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 updateat 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 |
|  | 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 |
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| **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** | | | | | |
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| **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 |
|  | 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]](#footnote-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). |  |  |
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| **7. Any Other Business** | | | | | |
|  | 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]](#footnote-3) for every S-1xx top priority products.  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**.  Based on a IGIF template to be prepared by **Chair/Secretary**, status Reports by **RHCs Reps** expected at the next meeting. | **IRCC-14**  **IRCC-14**  **End of March 2022 / WENDWG-13** | Complete  Decision  In progress (WENDWG CL 02/2022 refers) |
|  | 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 |
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| **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 |
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| **9. Review of the WENDWG-11 List of Decisions and Actions** | | | | | |
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| **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 xxx 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.  **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. | **June 2022**  **After IRCC-14** | Decision  Complete |

1. Julia Powell ([julia.powell@noaa.gov](mailto:julia.powell@noaa.gov)) , Cc: Jonathan Pritchard ([jonathan.pritchard@iictechnologies.com](mailto:jonathan.pritchard@iictechnologies.com)) [↑](#footnote-ref-1)
2. See Doc. WENDWG12-06.2C on https://iho.int/en/wendwg12-2022. [↑](#footnote-ref-2)
3. Integrated Geospatial Information Framework (IGIF): <https://ggim.un.org/IGIF/> . [↑](#footnote-ref-3)