

WENDWG 14

Report to USCHC47

St. John's, NL

May 30-31, 2024

By Jeremy Nicholson



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Host Nation and attendance

WENDWG 14 – hosted by the United States

20-22 February 2024 – Norfolk, VA, USA

42 people in attendance

Representatives from 22 Member States,

Representatives from RENCs, and 2 from Industry (Furuno, Chartworld)



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WENDWG Leadership

- Jens SCHRÖDER-FÜRSTENBERG (Germany) – Chair
- Jason SCHOLEY (UK) – Vice Chair
- Luigi SINAPI (IHO) – Director
- Yves GUILLAM (IHO) - Secretary

Note: Yves GUILLAM will retire in October this year



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Regional Hydrographic Committee reports on S-100

- Live basic/subjective assessment of the S-100 coordination readiness level in RHCs for meeting 2026-2029 milestones:
 - BSHC (very good)
 - USCHC (very good inc. S-411, S-412)
 - EAthC (good)
 - HCA (intermediate inc. S-411)
 - SAIHC (low)
 - SWAtHC (intermediate)
 - MBSHC (low)
 - EAHC (low)
 - MACHC (intermediate)
 - SWPHC (low)
 - ARHC (low)
 - NSHC (low)
 - NIOHC (low)
 - SEPRHC (no information)
 - RSAHC (no information)



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RENC update on S-100 activities

- IC-ENC
 - Electronic Chart Data (ECD) Service
 - Revenue Management with the new “Opt in” Fund – used for Capacity building
 - ENC Conversion Service – will not be offering this as a service
 - S-100 Services
- PRIMAR
 - S-100 Service Status
 - S-101 Service and Dual Fuel Service
 - Data Protection, Dual Fuel Validation and Coverage Viewer,
 - S-100 Product Catalogue, S-100 Training Portal, S-100 development support
 - Will not support SENC distribution of S-100 data as the digital signature is lost in the process



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Concerns raised on S-101 spec by RHCs

- The WENDWG noted concerns raised by various RHCs regarding S-101 spec still being in draft. Future delays in finalization will lead to RHCs not being able to produce S-101 by Jan 2026 as vendors need time to implement the specs into software.
- **ACTION:** The WENDWG Chair to discuss a possible management plan with S-100WG and report concerns to IRCC.



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WEND100-IGIF Matrix & Readiness Survey

- IGIF Matrix and S-100 readiness survey were sent out in Nov 2023
 - WENDWG agreed on the outcome of the survey issued by WENDWG CL 01/2023 (readiness level estimate ~53%) using a basic statistical approach).
- WENDWG agreed that there is value in IGIF Matrix but that going forward it will be optional only
- WENDWG Chair to issue a follow-up survey on the readiness level of ENC Producing Member States, in November 2024 for calculating SPI 1.3.1 (2024) in preparation of the IHO Annual Report, and WENDWG-15 meeting.
- WENDWG agreed on the proposal from the Chair/Secretary on the preferred option to make use best of GIS tools (INToGIS III? RENCs?) - still to be finalized/developed



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INTOGIS III

- The WENDWG noted the presentation by KHOA (ROK) on the progress made in the development of INTToGIS III and the announced implementation delay for MS / RHCs to be able to experiment a specific interface for S-1xx products aiming to scheme the future coverage of S-100 based products and data services, per MS and RHCs.
- **Action:** The WENDWG invited the representative of the ROK to liaise with the IHO Secretariat/WENDWG Chair, to establish a management plan of this INTToGIS III Project and ensure that a solution can be found shortly (risk assessment: high).
- Waiting for the commissioning of INTToGIS III, the WENDWG will propose the IRCC to recommend the RHCs to consider using off-the-shelf interim solutions (QGIS), as DE, as an interim option to plan and inform stakeholders.



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S-128 paper by Canada

- Canada presented a paper regarding an Integrated National S-128 Catalogue
 - Monthly meetings with Government stakeholders, split of responsibilities
 - Hydrographic Office would be the lead for the integrated S-128 catalogue for the Nation
 - Recommended that this approach be considered for unified S-128, modify the WEND100 principles

Outcomes:

- Based on the presentation by CA, The WENDWG noted the comment made by the US reminding that S-128 is a standard for the Catalogue of Nautical Products and therefore the coordination of different products catalogue at national level, should be assigned under the responsibility of the HOs.
- WENDWG to consider subsequent amendments to the WEND-100 Principles and the S-100 Roadmap.
- WENDWG Chair to raise the awareness of IRCC on this important policy issue.



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Locations for upcoming meetings

- It was agreed that the WENDWG meetings should be face to face and not virtual or hybrid
- Locations for upcoming meetings:
 - 2025 – Wollongong, Australia
 - 2026 – Hong Kong (To be confirmed)
 - 2027 - Türkiye



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Action Required of USCHC

- Continue coordination on transboundary, non-S-101 products, ENC overlaps introduced by rescheme and merge
- RHCs to present on their 2026 roadmaps for next meeting in Feb 2025
- RHCs to confirm the S-100 coordinator role
 - Laura Columbe and Christie Ence are S-100 chart coordinators.
 - Do we need additional S-100 coordinators for other products/services ?
- Note this report



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Questions ?



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