

WENDWG 13

Report to USCHC

By Jeremy Nicholson



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Host Nation and attendance

WENDWG 13 – hosted by the Danish Hydrographic Office

21-23 February 2022 – Aalborg, Denmark

~30 people in attendance

Representatives from 17 Member States

Representatives from RENCs



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WENDWG Highlights 2019-2023

- As outgoing Chair, John Nyberg presented his presentation that he will be presenting to IRCC. Some highlights:
 - Able to pivot to virtual quickly after COVID pandemic to continue work
 - WEND 100 implementation guidelines
 - WEND IGIF Matrix
 - Overlaps and Gaps
 - RENC Coordination
 - INTOGIS
 - Transition from S-57 to S-100



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Regional Hydrographic Committee reports on S-100

- Representatives from 12 RHC presented on their assessment on S-100 coordination process:
 - 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**)

* Note: Good, but.... – still lots of work outside of S-101 coordination needed by USCHC. ie: to ensure that transboundary is finalized, S-111 models overlap, ENC overlaps caused by new scheming/merging processes ,decisions nationally on other S-100 products not controlled by Hydro Office

Strategies on S-100 developments in RHCs

- IRCC/WENDWG chairs to consider providing an update on the situation around the world at A-3.
 - Not all Member states will have the capacity to produce all S-1xx products
 - Capacity approach across RHC members is needed
 - International coordination, national coordination on S-1xx products first
- **Action:** RHCs to present on their 2026 roadmaps for next WENDWG meeting in February 2024
- **Action:** RHCs to confirm the S-100 coordinator role



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RENC update on S-100 activities

- IC-ENC

- S-100 readiness service available now (S57 to S100)
- Meeting on March 14, 2023 to showcase the tools to those interested
- E-Learning tools on HD ENC, S-101 ENC, Gridding ENCs

- PRIMAR

- S-102 and S-111 service available now, S-104 service in development
- S-101 conversion project in development (S-57 to S-101)
- E-Learning modules also available

- **Action:** WENDWG invited RENCs to consider the possibility of allowing their materials to be available in IHO e-Learning platform



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WEND100-IGIF Matrix

- 8 of the 15 RHCs have completed the IGIF Matrix version 1.0
- IGIF Matrix is meant to: Promote the S-100 lifecycle, promote regional cooperation, consider best practices, support the progress of SPI 1.3.1 of the IHO Strategic plan
- **Action:** Members asked to submit their comments or suggestions for improving the process by April 2023
- **Actions:** RHCs that have not yet submitted are invited to submit their IGIF to WENDWG



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INTOGIS III

- NIPWG presented INTOGIS III plans for integrating S-128 catalogue data into the GIS interface at IHO. Test datasets now available from KHOA.
- Port Index now integrated
- AIS Data (Marine Density) now available
- KHOA to have S-128 GML tested and integrated into INTOGIS III by end 2023
- **Action:** Member states requested to send S-128 test datasets to KHOA by May 2023 for input into INTOGIS III



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Operational Service of S-128

- Opinion of the RENCs that Member States will send data through to them and an S-128 will be created by RENCs and not expecting S-128 catalogues from MS
- Member States want the ability to provide data directly to clients and stakeholders via their own S-128 – which may cause some confusion for different versions of S-128 on the “market”
- **Action:** WENDWG requests that NIPWG develop a concept paper with use case#1 from the WEND100 Implementation Guidelines: SOLAS navigation, Route Monitoring products, as the top priority, and extend the scope of this concept paper for other use cases once step 1 is achieved).



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ENC schemas and S-100 planning

- Presentations on ENC scheming by Germany, United Kingdom, Finland and France
- Clear that there is no consensus on regular gridding among the Member States.
 - United Kingdom and Germany going to regular grid
 - France and Finland have no plans to go to the grid
- **Action:** Member States to report on their S-101 ENC planned schemas using INTOGIS III – due date by December 2023



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Election of new chair and vice-chair

- Nominations for Chair:
 - Jens Schroder-Fustenberg – Germany
 - Pierre-Yves Dupuy – France
- Nomination for Vice-Chair
 - Jason Scholey – United Kingdom
- Mr. Jens Schroder-Fustenberg elected as chair on a vote of 9 to 8
- Mr. Jason Scholey elected as vice-chair by default



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Possible locations for upcoming meetings

- It was agreed that the WENDWG meetings should be face to face and not virtual or hybrid
- Possible locations for upcoming meetings:
 - 2024 – USA
 - 2025 – Australia
 - 2026 – Hong Kong



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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 2024
- RHCs to confirm the S-100 coordinator role
- Members asked to submit their comments or suggestions for improving the IGIF process by April 2023
- Member states requested to send S-128 test datasets to KHOA by May 2023 for input into INTOGIS III
- RHCs to report on their S-101 ENC planned schemas using INTOGIS III – due date by December 2023
- Note this report



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Questions ?



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