

Paper for Consideration by WENDWG14

Extension of WEND100 principles to other S-100 ProdSpecs

Submitted by:	WENDWG Office Bearer
Executive Summary:	The paper describes the necessity to check the appropriateness of the current WEND100 principles
Related Documents:	M3 resolution 1/2021 Principles of the WEND for S-1XX Products (WEND-100 Principles)
Related Projects:	Maintaining M3

Introduction/Background

WENDWG developed the WEND-100 principles. These principles received Member State approval in 2021. They are now part of the IHO publication M3 “Resolutions of the IHO”.as resolution 1/2021.

Taking into consideration that more and more S-100 product specification evolve, the question was raised whether these WEND-100 principles are still appropriate and whether they cover various content overlapping scenarios.

A Project Team on Electronic Chart Systems under the ENCWG was established. The group has not reported results so far. However, this agenda item was initially set up as an action item to WENDWG15, depending on the outcome of the ECS market investigation, how to implement their findings in WEND-100 principles.

Analyses/Discussion

The WEND-100 principles aim the widest possible generality. Section 5 “Coordination of S-1XX products and dissemination services” describes the principles of production and dissemination of Electronic Navigations Data Services (ENDS).

Paragraph 5.4 is stating:

5.4. In order to ensure unambiguous safety of navigation, concurrent (“overlapping”) S-1XX products should be avoided, particularly where official, nationally provided products are available²¹. A unique producing authority should exist in any given area for each S-1XX product when used together with (future) ECDIS, though the same unique authority need not provide all S-1XX products.

As stated in Paragraph 5.5 and 5.6, the relevant Regional Hydrographic Commission (RHC) is responsible for the coordination of the work and coordination dissemination. WENDWG is responsible for monitoring and reporting the overall coverage.

5.5. Member States will address coverage of S-1XX products on a regional basis through Regional Hydrographic Commissions (RHCs), and the WENDWG will monitor the overall coverage on a global basis, reporting to IRCC.

5.6. The applicable RHC may facilitate arrangements for production and dissemination of S-1XX products. RHCs should engage with data owners, product and service providers, and other stakeholders as appropriate to ensure that a coordinated and cohesive regional approach is considered²⁴. Also, the existing RENC structure may facilitate co-operation between individual Member States and support RHC’s to achieve appropriate S-1XX product coverage.

Recommendations

We recommend keeping the current WEND-100 principles. Taking into account that the S-100 based product specifications are still in the development phase, and noting further that no S-100 based products exist yet, we recommend that WENDWG monitor the production start and initiate revision when the first potential conflicts may appear.

We should also take note that the ECS project team does not provide input so far.

Justifications and impacts

The preservation of the WEND-100 principles has no negative impact. Discussing updates of the WEND-100 principles when the first problems appear applying the WEND-100 principles is a proportionate approach.

Conclusion

We recommend retaining of the WEND-100 principles as provided by IHO resolution 1/2021.

Action required of WENDWG14:

The WENDWG14 is invited to:

- a. Note the paper
- b. Discuss the appropriateness of the recommendation.
- c. Set up a drafting group if revision of the WEND-100 principles is needed, not before WENDWG15.