



# 11<sup>th</sup> Meeting of the WENDWG

## **Proposals on the way forward for the adoption by Member States of an IHO Resolution on the WEND-100 Principles**

### **Doc. WENDWG11-04.1A**

WENDWG11, VTC, 17-18 February 2021



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# **WEND Principles – IHO Resolution 1/1997 as amended**



## **S-57 ENCs World**

### **WEND Principles**

including

**Annex: Guidance for Establishment of ENC Production Boundaries**

### **S-11 Part A**

including

**Section 200: Guidance for the Preparation and Maintenance of ENC Schemes**

*Stakeholders: ENC Producers, ICCWG, RHCs, RENCs, WENDWG*

**Guidelines for the Implementation of the WEND Principles**

**Repository: INTToGIS II**



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# PROPOSALS FOR NEW IHO RESOLUTION WEND-100 PRINCIPLES



International  
Hydrographic  
Organization

- Version 1.0 of draft WEND-100 Principles endorsed by A-2
- Version 1.0 of draft WEND-100 Principles states in 2.2.a that:

*“...The full extent of the WEND-100 Principles applies to the production and the dissemination of S-101 ENC’s....”*

→ Proposed **Decision WENDWG11/xx**: WENDWG agreed to submit a new proposed IHO Resolution on WEND-100 Principles for endorsement by IRCC13 based on version 1.0 “as it is” (incl. minor edits, so version 1.1).

In doing so, we have the foundation (at least for S-101 ENC’s) upon which WENDWG can build complementary Guidelines for the Implementation of other S-1xx Products. This can come along the development of operational S-1xx Product Specs, Ed.2.0.0 (incremental development)...**but**...



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# PROPOSALS FOR NEW IHO RESOLUTION WEND-100 PRINCIPLES



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- Version 1.0 of draft WEND-100 Principles states in 2.2.a that:

*“...The full extent of the WEND-100 Principles applies to the production and the dissemination of S-101 ENC’s.... Until the full retirement of the earlier S-57 ENC’s, ...these WEND-100 Principles will apply for S-101 ENC’s<sup>6</sup>.*

*Footnote 6: Until retirement of their S57 ENC’s, Member States S-101 coverage should mirror their S-57 coverage in order to avoid ‘cross overlapping’”*



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# PROPOSALS FOR NEW IHO RESOLUTION WEND-100 PRINCIPLES



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In doing so (footnote6), **WENDWG must provide objective practical reasons** to MS that this option is technically logical, cost effective, optimal for end-users, optimal for production and co-production purposes, optimal for harmonization purposes between ENC producers, optimal for moving from existing CATZOC values (sometimes scale dependent) to S-101 ZOC values, optimal for solving overlaps...

Once objective arguments are understood and agreed, **WENDWG must raise the awareness of MS**, that in some areas, this option will lead to this situation:

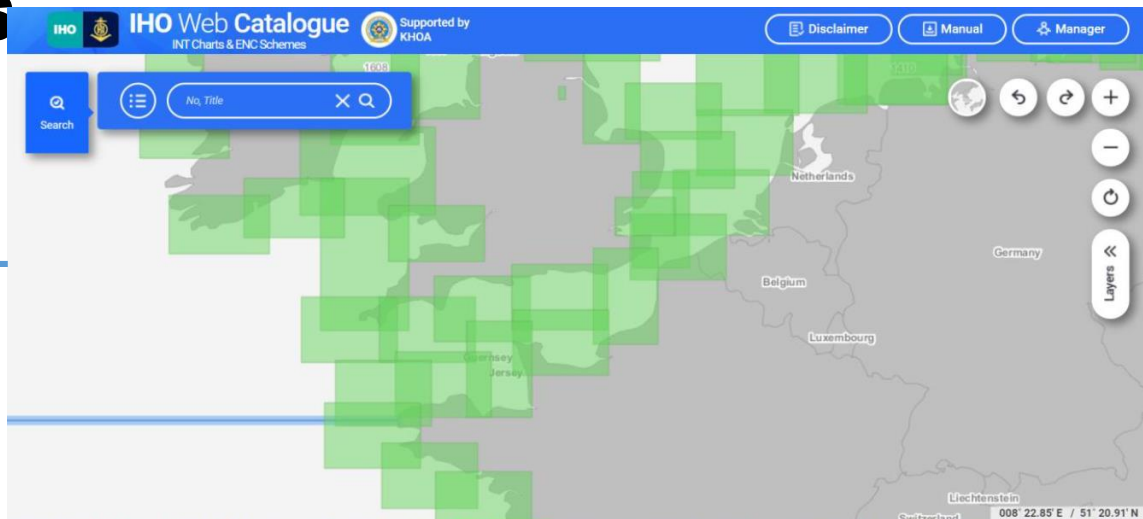


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# PROPOSALS FOR NEW IHO RESOLUTION WEND-100 PRINCIPLES

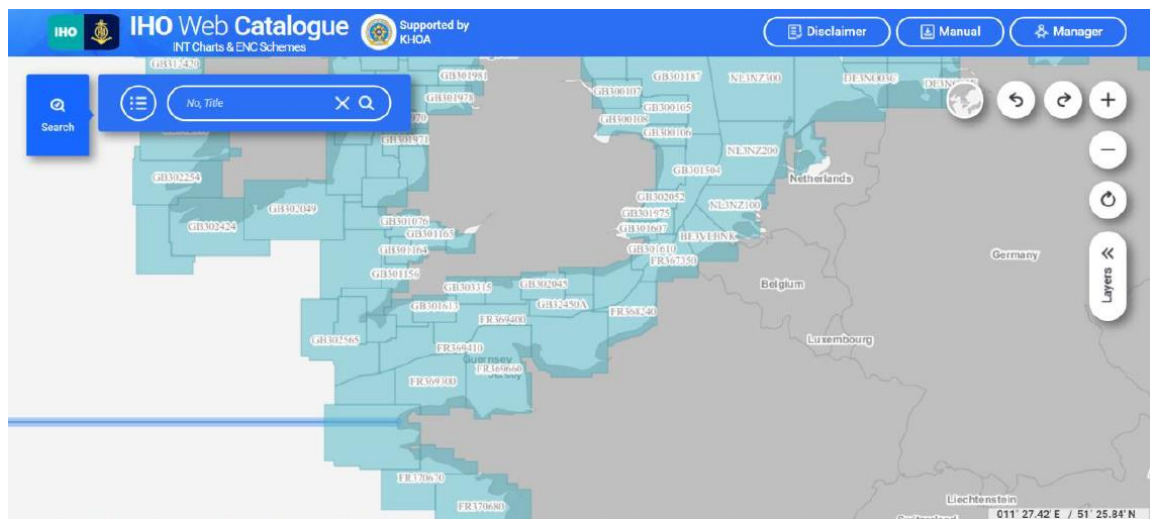


International Hydrographic Organization



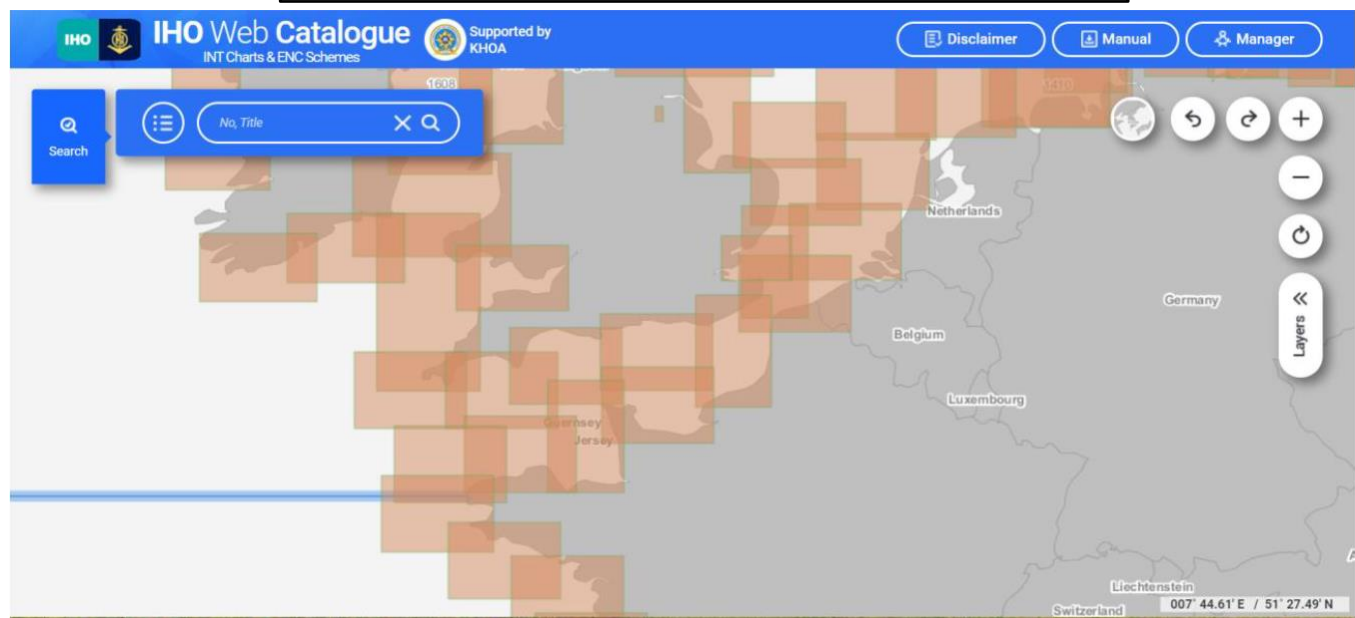
INT Chart Coverage Coastal

S-57 ENC Coverage Coastal (UB3)



S-101 ENC Coverage (Display Scale?)

S-101 ENC Coverage (Display Scale?)



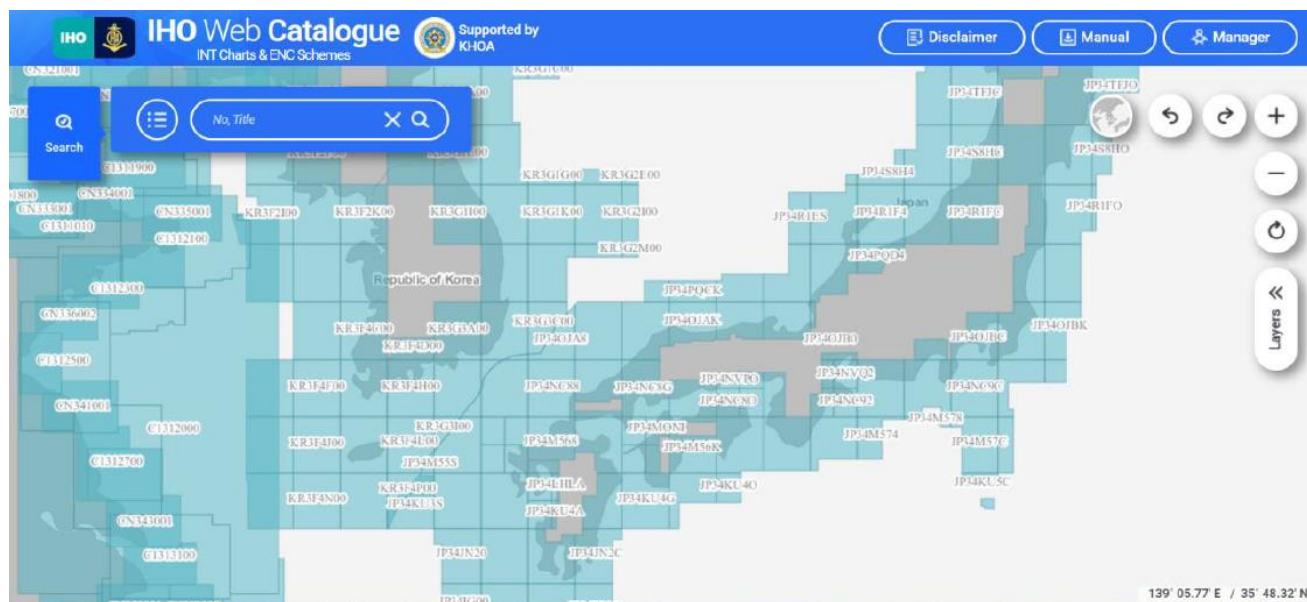


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# PROPOSALS FOR NEW IHO RESOLUTION WEND-100 PRINCIPLES



... unless we think that, noting that there is no one-to-one obvious relationship between the 6 UBs of S-57 ENC's and the 14 Display Scales of S-101 ENC's by construction (see Doc. WENDWG11-04.1C), there may be great opportunity under the S-100 framework for WENDWG to consider other technical options such as grid-based schemes (on case-by-case basis, for some charting regions only) that might enable much better co-ordination, seamless coverage, harmonized production, elimination of significant overlaps!



139° 05.77 E / 35° 48.32 N



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# WEND-100 Principles – IHO Resolution xx/2021



## S-1xx World

International  
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### WEND-100 Principles

including

Annex: **Guidance for the Establishment of S-101 ENC Schemes and Production Responsibilities**

### S-11 Part A

including

Section 200: **Guidance for the Preparation and Maintenance of ENC Schemes (to be updated?)**

*Stakeholders: S-101 ENC Producers, S-1xx Producers, ICCWG, RHCs, RENCs, WENDWG, HSSC, IRCC, Council*

**Guidelines for the Implementation of the WEND-100 Principles for S-1xx Products**

**Roadmap for the Implementation Decade**

**Repository: INTToGIS III**





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## CONCLUSION - PROPOSALS



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WENDWG invited to consider the following proposals:

**Decision WENDWG11/xx:** WENDWG agreed to submit a new proposed IHO Resolution on WEND-100 Principles for endorsement by IRCC13 based on version 1.0 “as it is” (incl. minor edits, so version 1.1).

**Decision WENDWG11/xx:** WENDWG agreed to add in the version 1.1 of IHO Resolution on WEND-100 Principles, clause 2.5\*

**Action WENDWG11/xx:** WENDWG to set a subgroup to study and draft an Annex: Guidelines and Recommendations on the establishment of S-101 ENC Schemes and Production Responsibilities (deadline: WENDWG12)

*\*...is to be prepared to address the establishment of S-101 ENCs Schemes, during the transition phase until the full retirement of the earlier S-57 ENC, and beyond.*