



EAtHC18  
*CHAtO18*

## **Outcome of WENDWG14**

Presented by France (Region G charting coordinator)  
*Présenté par la France (coordinateur cartographique pour la Région G)*

### **Agenda Item 04.1A**

1er mai 2024 – 1<sup>st</sup> of May 2024



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## Last meeting, WENDWG14 (20-22 February 2024)

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- WENDWG hosted by NOAA OCS (US) in Norfolk, VA
- New chair (Germany) and Vice-Chair (UK)
- 40+ Attendees, 12 reports of RHCs charting coordinators
- 3 RENC: IC-ENC, PRIMAR and RECC-EA
- EATHC represented by France, as charting coordinator
- Presentations from industry: ChartWorld as a VAR and Furuno as ECDIS manufacturer





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# Since WENDWG-13 (2023), what's **new**?...

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## 1. List of INT Charts / ENC's / **S-100** Coordinators (draft version x.x)

- [www.iho.int](http://www.iho.int) > Publications > Standards&Publications > Temporary on S-11 Part B ([link](#)), ...to be moved to new S-11 Part C if approved at IRCC-16.
  - France is INT charts, ENC's and S-100 products coordinator for Region G

## 2. **S-11 Part C**

- Mirroring S-11 Part A, which is well-known, → new **S-11 Part C** “*Guidance for the Preparation and the Maintenance of Electronic Navigational Data Services (other than S-101 ENC's)*” , content under development, for submission to IRCC-16, keeping HSSC informed.



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### 3. RHCs / Charting Regions **Readiness Assessment** for Phase I S-100 Products and ENDS

- capabilities-based approach at regional level, transition to S-101, harmonized implementation worldwide as far as possible.  
→ EAtHC ~ good readiness level (BSHC and USHC more advanced)

### 4. **INToGIS III, under development**, for scheming/planning availability and coverage of S-101, and other Phase I Products and ENDS

- Aim: a well-known tool to be in capacity at the IHO Secretariat level, on behalf of MS / RHCs, **to report from 2025 onwards at IMO NCSR** meetings and other Stakeholders events, on the expected availability and coverage of S-100 ENDS (when, where, who?)



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International Hydrographic Organization

## 6. Transition from S-57 ENC's to S-101 ENC's

- no global worldwide grid, different options for different regions: ARHC (towards a common rectilinear grid), EAtHC ( 6 UB S-57 layers are converted in equivalent S-101 scale bands, producers are those who used to produce S-57), BSHC quite advanced...



Concerns raised by RHCs, if finalization of S-101 Prod Specs is delayed: no production possible by 1 Jan 2026

Country	S-101	S-102	Remarks
<a href="#">Denmark</a>	Test conversions to the data, developing work with ESRI	Tested, main focus S-101 now	Ready to start 2025/2026
<a href="#">Estonia</a>	Test conversations, no exact prod. plan yet	Tested	Ready to start 2026
<a href="#">Finland</a>	Database conversion 2024	Tested, readiness exists	Ready to start 2026
<a href="#">Germany</a>	Has tested several conversion softwares	Tested	Ready to start 2026
<a href="#">Latvia</a>	Has tested conversions	-	Ready to start 2026
<a href="#">Lithuania</a>	No info	No info	
<a href="#">Poland</a>	Several cells converted	-	Ready to start 2026 (from main ports)
<a href="#">Russia</a>	No info	No info	
<a href="#">Sweden</a>	Database cleaning for S-101	Testing in Gorhenburg area	Ready to start 2025.



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## Recommendations, Actions to be considered

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- iaw @WENDWG14/23, **EAtHC to acknowledge** that the S-100 strategic approach to support and attract end-users for the IHO is **not** to complete the full S-101 coverage first, then consider the other products, ...  
... **but** to engage the IHO into the development of a new distribution model, including cybersecurity and integrity measures and ensuring that end-users can easily access and get all S-100 Phase I products and ENDS in confidence along a given route;
- based on the above, that **EAtHC S-1xx Coordinator take appropriate actions** (Work Plans for individual Phase I Products ENDS), by anticipation of the availability of Ed.2.0.0 Product Specs;
- **EAtHC to support** the S-100 communication strategy towards end-users, manufacturers, IMO, addressing readiness and expected geographic coverage of S-100 based products and data services in the following years, from 2026 onwards (*still to be developed*) (WENDWG13/08 and WENDWG14/20 refer).