

21th Meeting of the Meso American – Caribbean Sea Hydrographic Commission HSSC Update



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HSSC 12

HSSC Meeting:

- **HSSC 12 was held in virtual format, 20-21 Oct 2020**
- HSSC 13 to be held in Bali, Indonesia, 24-28 May 2021
- HSSC 14 to be held in Helsinki, Finland, May 2022

MACHC Members attending:

- Brazil
- France
- Netherlands
- United Kingdom
- United States of America

<https://iho.int/en/hssc>

<https://iho.int/en/hssc12-2020>

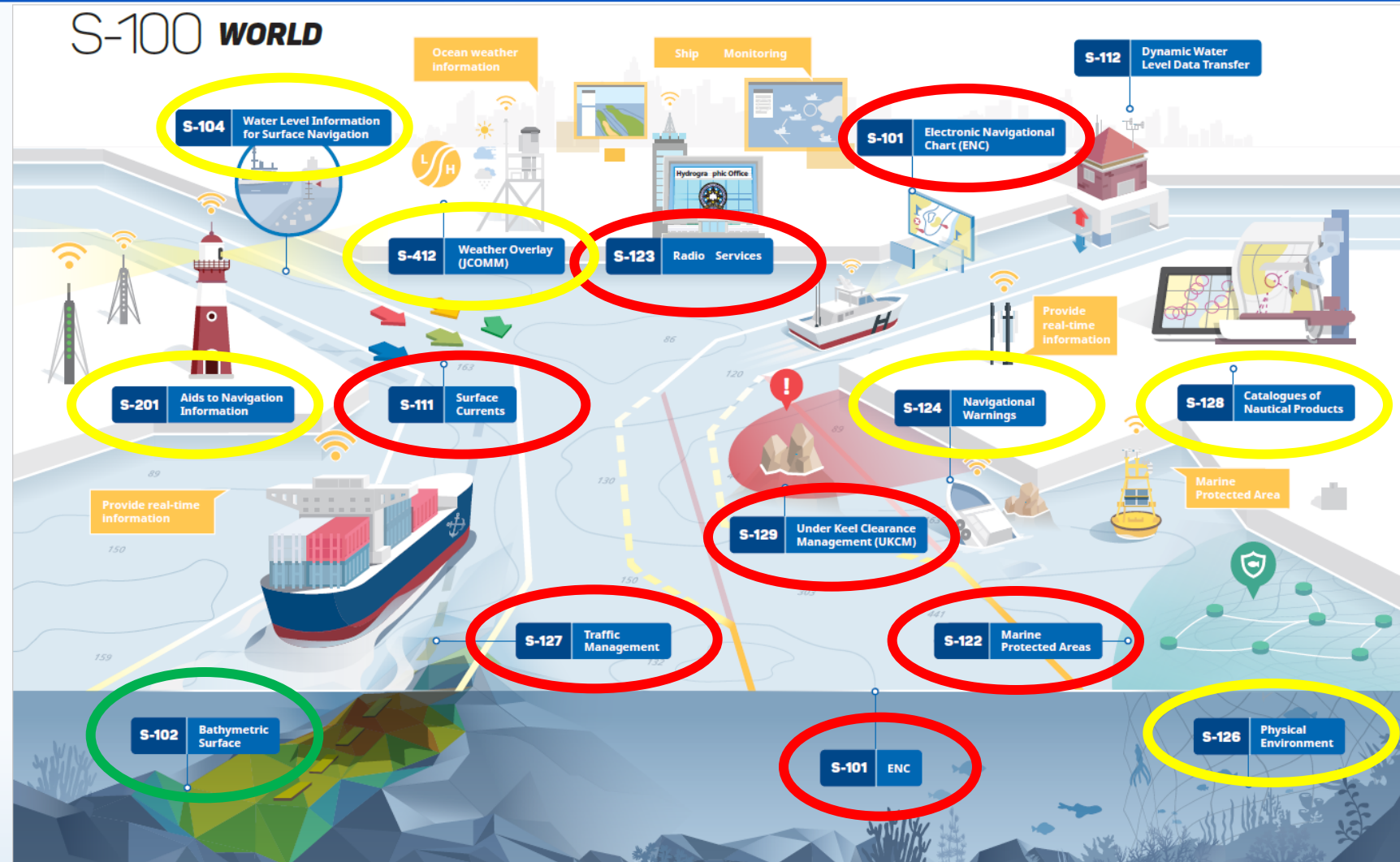


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S-100 Product Specifications



1.0.0 under development

1.0.0 released

2.0.0 released

<http://s100.iho.int>

Development of S-100 Product Specifications

- Will elaborate a **governance document** with Stakeholders that formalizes the **Guiding Principles of Dual-Fuel Concept** (production of S-101 ENC in conjunction with S-57 maintenance/production) **for incorporation into the S-100 Implementation Road Map**;
- Agreed to delay the publication of **S-100 Edition 5.0.0 until 2022**;
- **Alignment of Product Specifications with an initial priority list** (S-101 ENC, S-102 BS, S-104 WL, S-111 SC, S-122 MPA, S-123 RS, S-124 NW, S-129 UKC) **by 2023**;
- **S-98 (Interoperability) Ed. 1.0.0** will be submitted for endorsement in **2021**;
- Terms “front-of-bridge” and “back-of-bridge” have been replaced by the terms “**Route Monitoring Mode**” and “**Route Planning Mode**” respectively to be consistent with the terms used by the IMO.

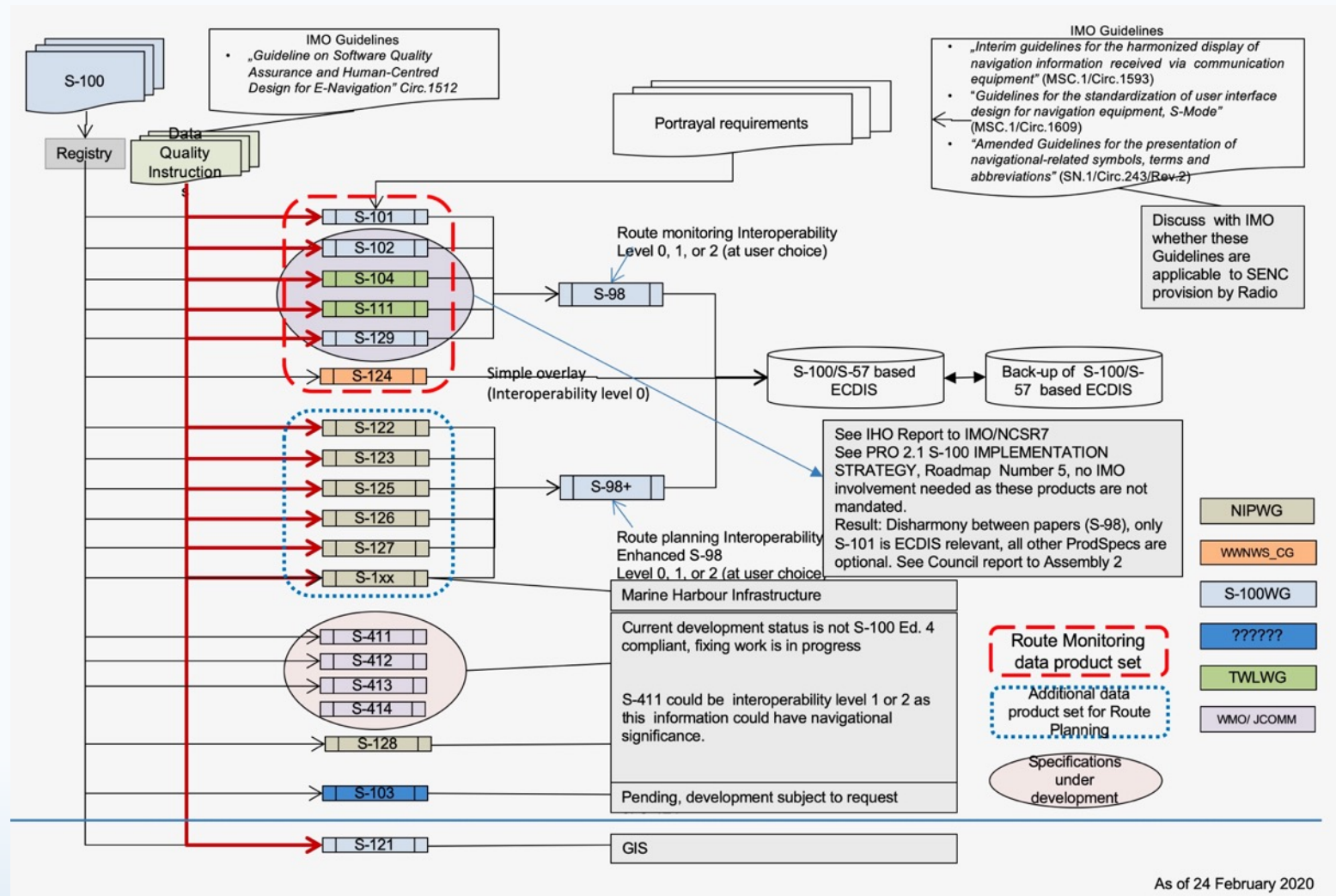


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Architectural Display of S-100 related products



The Future of the Paper Chart

- Final report on the “Future of the Nautical Paper Chart”;
- Work item to develop ways to enable or enhance Hydrographic Offices ability to produce paper charts or raster chart images directly from S-101 ENC -> the goal is to create a ‘Common IHO Baseline Symbology’;
- No need to develop a separate specification for simplified or back-up nautical charts at this time;
- The maintenance of S-4 (*Regulations for International Charts and Chart Spec*) and INT 1 (*Symbols, Abbreviations and Terms used on Charts*) remains an ongoing activity.

<https://iho.int/uploads/user/Services%20and%20Standards/HSSC/HSSC12/2020-08-28%20Future%20of%20the%20Paper%20Nautical%20Chart%20Final%20Report%20FINAL.pdf>

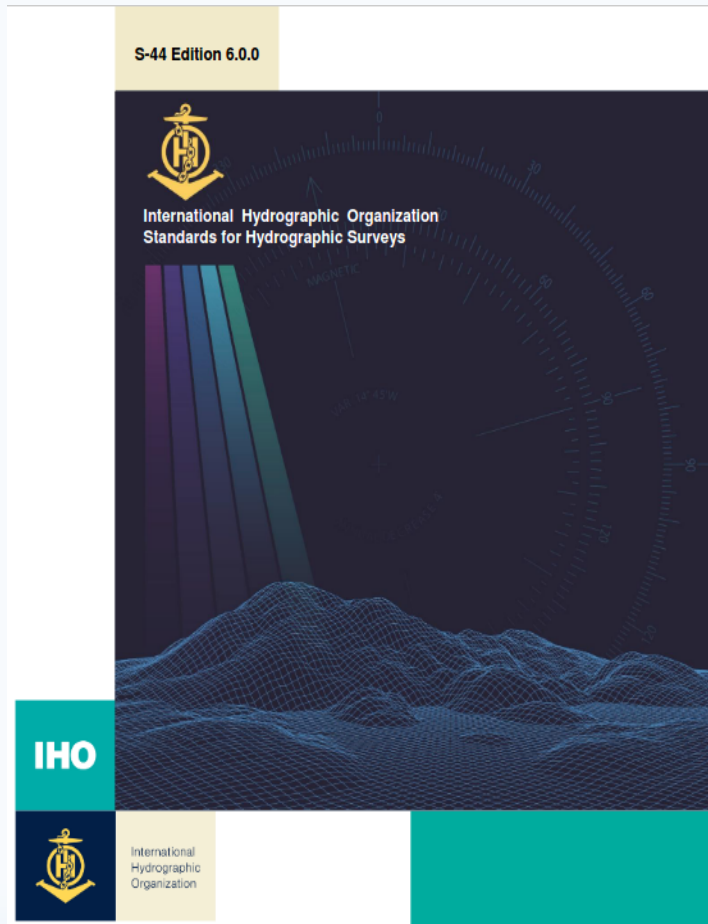


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Hydrographic Surveys – S-44 Edition 6.0.0



- Sept 2020 (CL 33/2020);
- Exclusive Order;
- Bathymetric Coverage concept;
- Special Order now explicitly requires full bathymetric coverage;
- Matrix of parameters and data;
- HSPT -> HSWG

https://iho.int/uploads/user/pubs/standards/s-44/S-44_Edition_6.0.0_EN.pdf

IHO Resolution & Publications

- New IHO Resolution 01/2019 - Digital Tide and Tidal Current Tables
- IHO Publication C-51 Edition 6.0.0 - *Manual on Technical Aspects of the United Nations Convention on the Law of the Sea – 1982*
- IHO Publication S-97 Edition 1.1.0 - Guidelines for Creating S-100 ProdSpec
- New IHO Publication S-67 Edition 1.0.0 - *Mariners' Guide to Accuracy of Depth Information in Electronic Navigational Charts (ENC)*
- IHO Publication S-49 Edition 2.1.0 - *Mariners Routing Guides*

<https://iho.int/en/iho-publications>



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Election of Chair and Vice-Chair

- Election of Mr. Magnus Wallhagen (Sweden) as HSSC Chair
- Nomination of Ms Nathalie Leidinger (France) for the position of Vice-Chair



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