

20th Meeting of the Meso American – Caribbean Sea Hydrographic Commission

HSSC 11 Update



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6 - 9 May 2019, Cape Town, South Africa



HSSC 11

HSSC Meeting:

- HSSC 11 was held in Cape Town, South Africa, 6-9 May 2019
- HSSC 12 to be held in Bristol, United Kingdom, 11-15 May 2020 (TBC)
- HSSC 13 to be held in Bali, Indonesia, May 2021

MACHC Member States attending:

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



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HSSC-11 Key Priorities



Strategic Level

- Final remarks of the Resolution 2/2007 as amended
- Revised Strategic Plan
- S-100 Implementation Strategy
- Future of Paper charts



Technical level

- Demonstration showcase of S-100 based products
- Development of the S-1xx Product Specifications and operationalization of S-1xx framework
- Priorities of IHO 2019 Work Plan 2
- Interoperability S-101 and S1XX



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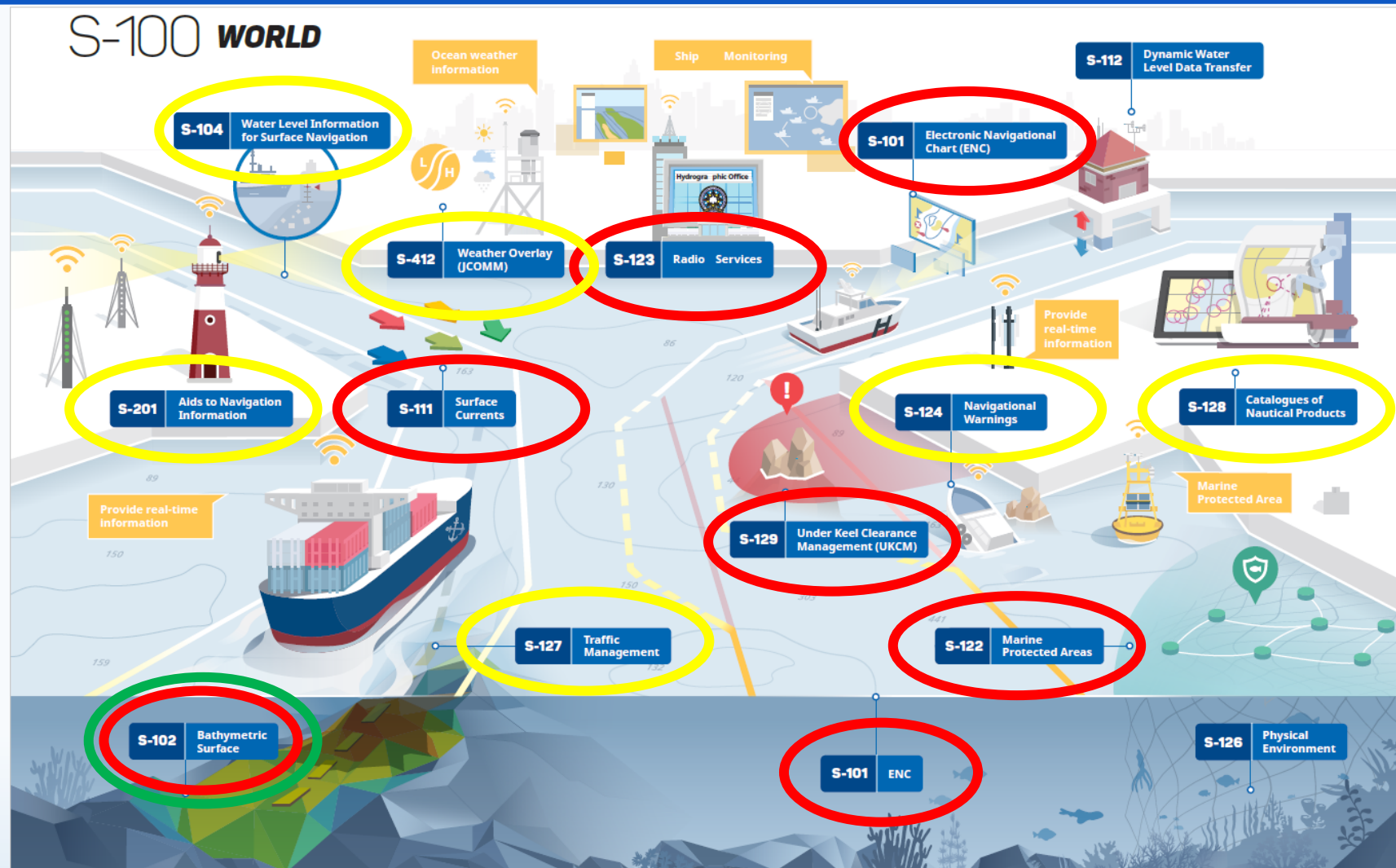
Actions taken on the priorities of IHO 2019

S-100 Product Specifications

1.0.0 under development

1.0.0 released

2.0.0 draft



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Actions taken on the priorities of IHO 2019

S-100
Readiness
Level
prerequisite
components

Required product specification component	(TRL5)	(TRL6)	(TRL7)	(TRL8)	(TRL9)
	Level 1 v1.0.0	Level 2 v1-2.0.0	Level 3 >v2.0.0	Level 4 >v2.0.0	Level 5 >v2.0.0
Main Document (Defines the relevant parts of S-100 that are required for the product specification)	X	X	X	X	X
A Default Encoding	X	X	X	X	X
S-100 Compliant Feature Catalogue	X	X	X	X	X
<i>DCEG</i>	X	X	X	X	X
Operational data					X

Source: C3-4.1-page 7 from HSSC 11 Report to C3



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S-101 way forward

Components	Edition 1.0.0 (2018)	Edition 1.X.X(2019)	Edition 2.0.0 (2022)
Main Documentation	✓	✓	✓
Feature Catalogue	✓	✓	✓
Portrayal Catalogue	Partial	✓	✓
Validation	Partial	✓	✓
Data Classification and Encoding Guide	✓	✓	✓
Encoding Format	✓	✓	✓
Encryption		✓	✓
Alerts and Indications		✓	✓
Full Test Data Sets for Type approval		Partial	✓
Notes	Portrayal will be limited to S-52 rules translated to LUA (SRL =1)	Edition 1.X.X refines all the additional rules (SRL =2-3)	Operational Edition (SRL =4)

Source: C3-4.1-page 8 from HSSC 11 Report to C3



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- The Future of Paper Nautical Chart
- HSPT is finalizing the drafting process of Edition 6.0.0 of S-44
- Develop initial guidance on definition and harmonization of Maritime Services in context of e-navigation



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