

4b, quai Antoine I^{er} B.P. 445 MC 98011 MONACO CEDEX PRINCIPALITY OF MONACO Tel. : +377 93 10 81 00 Fax : +377 93 10 81 40 e-mail : info@iho.int Web : www.iho.int

S-100WG Letter 5/2020

01 December 2020

S100WG Update and Goals and Objectives for 2021

Dear S-100 Working Group Members,

As we come to close of 2020 and much of the world has gotten used to working virtually, I would like to provide you with updates from the recent HSSC meeting as well as what this means for the S-100 Working Group for 2021.

HSSC12 was held virtually on October 20 and 21. While HSSC addressed many topics over the course of two days the following actions and decisions are the most important regarding our work over the next couple of years.

AGENDA ITEM	SUBJECT	ACTION No.	ACTIONS (in bold, action by)	TARGET DATE/EVENT	STATUS (at 22 Oct. 2020)
5.1	S-100 Ed.5.0.0	HSSC12/07	HSSC agreed to delay the publication of S-100 Edition 5.0.0 until 2022		Decision
			while tasked the HSSC WGs to consider aligning all product specifications and as a priority the following product specifications to Edition 5.0.0 by 2023 (S-101, S- 102, S-104, S-111, S-122, S-123, S-124 ¹ , S-129) and the need for any other S-100 based products out of the IHO remit (such as S- 411 - <i>Ice information</i>) ² that are considered valuable to the S-100 Implementation Plan and advise accordingly.	HSSC-13	
5.1	S-98	HSSC12/10	HSSC noted the progress made in the development of Ed. 1.0.0 of S- 98 as part of the S-100 Implementation Road Map with the aim to submit Ed. 1.0.0 for endorsement in 2021 and agreed on the proposed incremental approach for additional PS currently excluded.	HSSC-14	

¹ Subject to confirmation by IRCC.

² S-100WG/IHO Secretariat.

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5.1	S100 Test Dataset and S100 ECDIS	HSSC12/12	HSSC noted the progress made on the development of S-100 Test Data Set and the outsourced analysis of the concept of using S- 100 based–products in ECDIS environment against SOLAS regulations and allocated S-164 number (as equivalent to S-64) for the S-100 Equivalent of S-64		Decision
5.1	Dual Fuel Concept	HSSC12/18	 HSSC agreed on the Dual-Fuel Concept principles (Essential Principles of Operation) provided in Doc. HSSC12-05.1F and tasked S-100WG/S-101PT to liaise with Stakeholders (OEM, etc.) to prepare a governance document that formalizes the guiding principles of DF-Concept for incorporation into the S100 Implementation Roadmap Noting the report on DF-ECDIS and feedback from OEMs, S- 100WG supported by ENCWG to prepare a synoptic summary report on the various options offered to HOs for considering the development of their production of S-101 ENCs (in conjunction with S-57 maintenance/production) to address the valid concerns raised by China in A2 /PRO 2.2. HSSC Chair to provide a short update on DF Concept and proposed way forward for PRO 2.2 	HSSC-13 HSSC-13 29 Oct	Decision

Since HSSC approved the S100WG's proposal to delay publication of S-100 Edition 5.0.0 until 2022 so that it may capture the priority items that are needed for the operational implementation of various product specifications, it now sets the following deadlines for proposals for the working group to consider for the inclusion into edition 5.0.0. This also takes into consideration the schedule of planned meetings.

Date	Action	Comment	
February 15, 2021	Proposals that need consideration by the Test Strategy Expert Team		
March 2-4. 2021	Virtual Test Strategy Meeting		
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October 1. 2021	Final Proposals Due for Edition 5.0.0	
Late October/November	S-100 WG meeting for final consideration	Either in person or virtual
March 2022	Test Strategy Meeting	Wrap up any final issues with Edition 5.0.0
March 2022	S100WG Letter seeking endorsement of the WG for edition 5.0.0	
May 2022	HSSC 15 endorsement of S-100 Edition 5.0.0	
June 2022	IHO Circular Letter seeking Member State approval of S-100	
September 2022	Publication of S-100 Edition 5.0.0	

The key items that will be part of S-100 Edition 5.0.0 as determined by the S-100 Working Group are:

- Comprehensive metadata review
- Harmonized Portrayal and new Part for interoperability
- Real time data transmission
- S-100 Validation Checks

In addition to the above, we will also be holding S-100 Working Group VTCs for special subjects if deemed necessary. The first special S-100WG VTC will be held on **January 6th at 1:00PM CET,** to go over the framework for S-164 which is the new number assigned for S-100 Test Data Sets. Meeting documents and a link to the VTC will be posted on the IHO S-100WG webpage closer to the event. I look forward to seeing you all virtually at this meeting.

Yours sincerely,

Julia Powell (IHO – S-100WG Chair)

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