

S-100WG Letter 1/2022

12 July 2022

S-100 Working Group Update

Dear S-100 Working Group Members,

Recognizing that it has been several months since our last meeting I would like to provide you with some updates as we head into the summer regarding the activities of the working group.

In May, I presented the S-100WG report to the HSSC14 and it was well received. The actions and decisions of the HSSC14 meeting are summarized under Item 5.1A in the list of [decisions and actions](#). Key decisions include the following:

- HSSC14/10 – HSSC endorsed the framework of the proposed S-100 Edition 5.0.0 (pending finalization of the xml schemas) and the IHO secretariat will issue a CL calling for the Approval of Edition 5.0.0 by IHO Member States
- HSSC14/13 – HSSC approved the proposed Edition 1.0.0 of S-98
- HSSC14/22 – HSSC endorsed the suspension of IHO Resolution 2/2007 for S-102 Edition 2.2.0 until Edition 3.0.0 to allow for iterative development to align with S-98, S-101 and S-104 (each of which are at the Ed. 1.0.0 stage)
- HSSC14/23 – HSSC endorsed Edition 2.1.0 of S-102 and the IHO Secretariat is to issue an IHO CL seeking the approval by MS of Edition 2.1.0 to be used for implementation and testing
- HSSC14/29 – HSSC endorsed Edition 1.0 of the S-100 ECDIS Governance Document, renamed “Dual-Fuel Concept for S-100 ECDIS.”

In addition to the above, I would like to call the working group attention to the following two decisions from HSSC that will comprise much of our work over the next couple of years:

- HSSC14/14 – With all the resources focused on the finalization of S-100 Ed. 5.0.0 and S-98 Edition 1.0.0, HSSC noted the impact on S-164 and endorsed the need to establish a sub-group for its development.
- HSSC14/15 – For the same reasons as above, HSSC noted the slow progress on the development of a harmonized data validation process and associated catalogues across the S-100 framework and agreed on the establishment of a dedicated sub-group.

It has been noted that the workplan for the S100WG is quite extensive and in order to progress these two important pieces of work, it was acknowledged that the best way forward was to set up two standing sub-groups dedicated to moving S-164 and S-100 Validation forward.

At IMO’s NCSR9 it agreed to the proposed revisions to the ECDIS Performance Standard regarding the inclusion of S-100, S-101 and S-98. These revisions will be forwarded to the IMO’s MSC for consideration and approval.



The updates to the performance standards introduce, in particular, the application of new IHO Data Standards and product specifications (S-98, S-100 and S-101) with regard to ECDIS equipment installed on or after 1 January 2029 and, optionally, for equipment installed after 1 January 2026 and before 1 January 2029.

With the above dates in mind it is imperative that the S-100WG and its subsidiary project teams work to complete S-101 Edition 2.0.0 and S-98 Edition 2.0.0 as well as the S-164 Test Datasets and S-100 Validation in order to be ready for operational implementation.

This letter invites working group members to volunteer to participate in these newly established sub-groups. In addition, we are also seeking volunteers to lead the overall effort. Please indicate your willingness to participate by emailing yong.baek@iho.int with a cc to Julia.Powell@noaa.gov.

Lastly, the next S-100 Working Group meeting is scheduled from December 5-9, 2022 in Monaco.

Yours sincerely,

Julia Powell
(IHO – S-100WG Chair)