



5TH S-100 WORKING GROUP (S-100WG) MEETING

Taunton, United Kingdom (UK), 3 to 6 March

Contribution to the IHO Work Programme 2020

Task 2.1.2.1	Attendance of the S-100 Working Group Meeting.
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The United Kingdom Hydrographic Office (UKHO) hosted the 5th S-100 Working Group meeting in Taunton, UK from 3 to 6 March 2020. More than 60 delegates, representing national hydrographic offices, industry and academic organizations attended the meeting. Unfortunately, due to travel restrictions related to the spread of the COVID 19 virus, the members from China and the Republic of Korea, were not able to attend. Director Abri Kampfer, Assistant Director Anthony Pharaoh and Technical Standards Support Officer Jeff Wootton represented the IHO Secretariat.



Participants to the 5th S-100 Working Group Meeting



In compliance with the S-100 Working Group's commitment to publish regular updates to the standard, the meeting considered a number of proposals for clarifications, corrections and extensions to the standard. It was noted that some of the proposals were necessary for supporting product specifications that are undergoing testing or are currently under development and these would be included in the next edition of the standard (Edition 5). Proposals that were not sufficiently mature or were needed for longer term future requirement, will only be considered for inclusion in Edition 6. S-100 Edition 5 is now scheduled for publication in early 2022 to support the publication of Edition 2.0.0 of the ENC Product Specification S101 at the end of 2022. S-100 Edition 5 will include metadata extensions, a new part on interoperability and the harmonization of the portrayal items. An important priority for S-100 Edition 5 is to ensure that it fully supports all the production and distribution requirements of S-101 ENCs.

Other items that were agreed for inclusion in S-100WG Edition 5.0.0 included a comprehensive review of the current exchange set catalogue metadata section, the completion of the validation checks currently under development and extensions required for real time data transmission.

The Chair, Julia Powell (USA - NOAA), announced that Yong BAEK (Rep of Korea), would be stepping down as Vice Chair to take up the position of Assistant Director at the IHO Secretariat. Elizabeth HAHESY (Denmark) was elected as the new S-100WG Vice-Chair.

As IHO bodies are obliged to elect new office bearers following each normal Assembly meeting, the S-100WG Chair invited members to consider chairing Project Teams. The S-102 (Bathymetric Surface) Project Team Chair, David BRAZIER and the S-101 (ENC) Project Team Chair, Albert ARMSTRONG, both indicated that they would no longer be able to continue as Project Team Chairs. It is anticipated that the Chairs of the S-121PT (Maritime Limits and Boundaries), Mark Alcock, and the S-129PT (Under Keel Clearance Management), Nick Lemon, would be available for nomination.

The meeting discussed a number of strategic topics relating to S-57 to S-101 ENC conversion, data distribution, dual-fuel S-100 ECDIS and a gap analysis of the type approval requirements.

The Chair of the Data Quality Working Group (DQWG) provided presentations on a proposed method for symbolizing uncertainty data in ECDIS. This included issues relating to the conversion of M_QUAL/CATZOC data to the new S-101 construct. All papers and presentations are available from the S-100WG5 meeting page at <https://iho.int/en/s-100wg5-2020>. The next S-100WG meeting is scheduled to take place in Helsinki, Finland during the first week of March 2021.