

17TH MEETING OF THE DATA QUALITY WORKING GROUP (DQWG)

Video-teleconference, 8– 9 February

Contribution to the IHO Work Programme 2021

Task 2.1.2.6	Organize, prepare and report meetings of DQWG
Task 2.4.9	Maintain S-67 – Mariner’s Guide to Accuracy of Depth Information in ENC’s

The 17th meeting of the Data Quality Working Group (DQWG) was held as a remote video-teleconference (VTC) event, from 8 to 9 February.

The meeting was chaired by Mr Edward Hands (Norway). Thirty-eight delegates representing 17 Member States (Brazil, Canada, China, Denmark, Finland, France, Germany, India, Indonesia, Italy, Netherlands, Norway, Portugal, South Africa, Sweden, United Kingdom and United States), 2 representatives of the RENCs (IC-ENC¹, PRIMAR), 5 expert contributors (IEHG², Portolan Science, SevenCs, Teledyne-Caris and University of New Hampshire) attended the meeting. The IHO Secretariat was represented by Director Abri Kampfer, Technical Standards Support Officer Jeff Wootton and Assistant Directors Yong Baek and Yves Guillam.

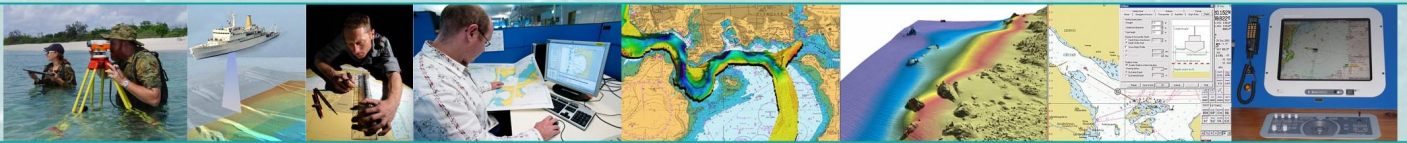
The Chair welcomed the participants with the hope that the next meeting would be in-person. With a new Chair and Vice-Chair at the helm of the DQWG since May 2021 only, the Chair indicated that the main objectives of the meeting were to share an updated overview of all the tasks in progress.

This covered the following topics:

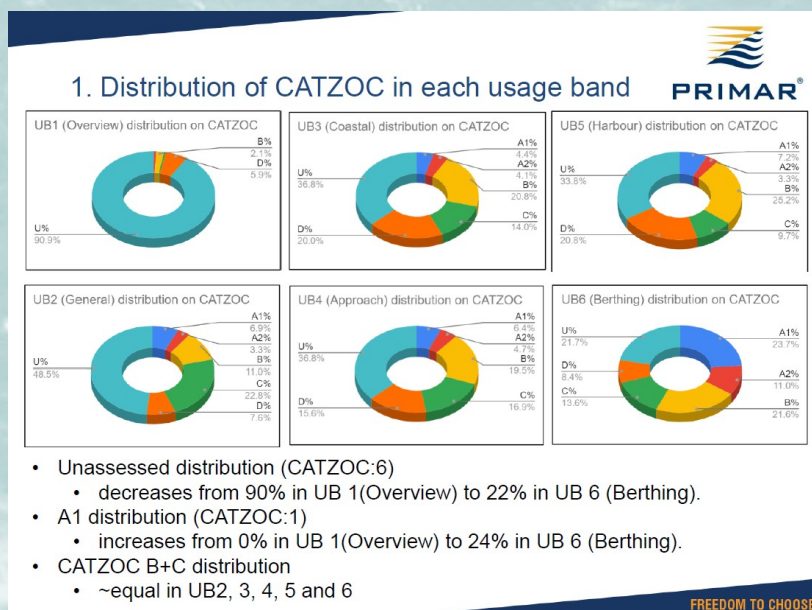
- The drafting of Part 4.c of the new Edition of S-100 Product Specification;
- The development of a template for the Data Quality chapter of S-1xx Product Specifications;
- The continuous review (from a data quality point of view) of new and amended Product Specifications including Feature Catalogues. This is to be planned in particular for the upcoming Edition 1.0.2 of the S-101 Product Specification;
- The development of Guidelines and Recommendations to HO’s based on best practices to allocate CATZOC values (or S-101 ZOC values) from survey data qualified in application of Edition 6.0.0 of S-44 - IHO Standards for Hydrographic Surveys.

¹ Chair of the S-101 Project Team.

² Inland ENC Harmonization Group.



The meeting commended the University of New Hampshire on their work and tests in support of this high priority item. The meeting agreed to put some resources on this task in order to accelerate the availability of these Guidelines in 2023.



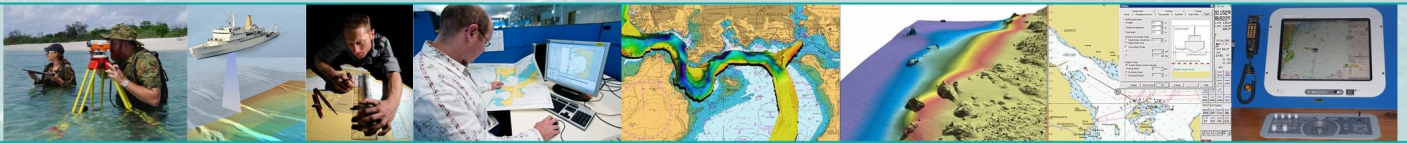
Following up on an action decided at the last meeting, the DQWG also commended PRIMAR for their ENC database content analysis, showing the distribution of CATZOC values in different Usage Bands (and vice-versa).

Assistant Director Yves Guillam indicated that this outcome (or equivalent) could likely be re-used to support the work on the development of SPI³ 1.2.2. PRIMAR accepted in principle to assist in an experimentation for one RHC, based on technical specifications to be prepared by the Secretariat.

China reported on the availability of the Chinese version of the Publication S-67 - *Mariners' Guide to Accuracy of Depth Information in ENCs*. This version was uploaded on the IHO website > Publications > Standards. A proposal from the ENCWG to rename S-67 as "*IHO S-67 Mariners' Guide to use of ENC data in ECDIS*" in order to provide more authoritative Mariner information and guidance, was endorsed at the meeting. A joint proposal will be submitted to the HSSC for endorsement by the end of March.

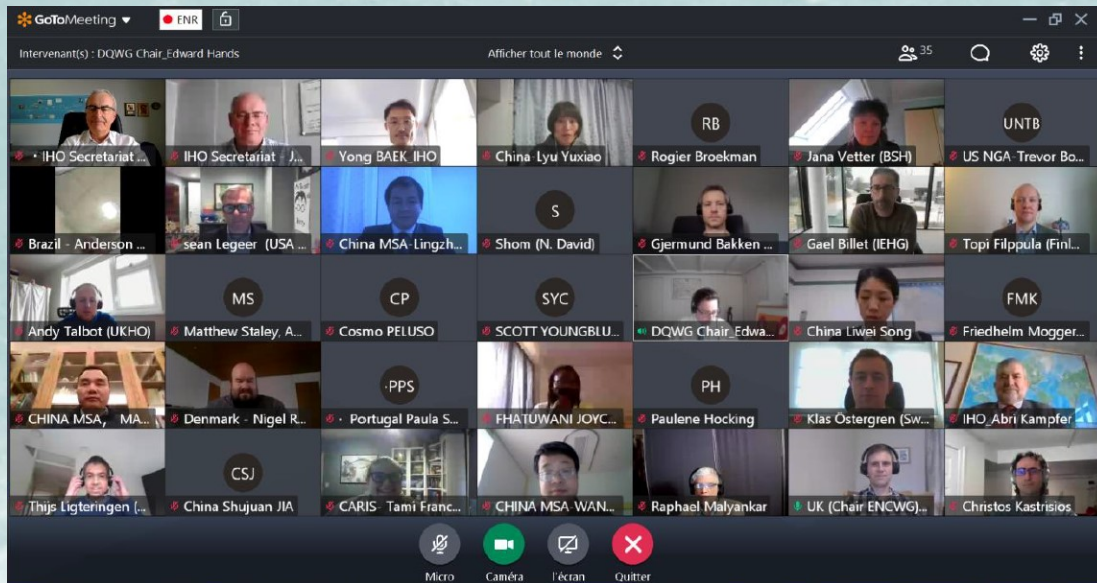
The need to capture the requirements from the MASS Project Team and to provide recommendations in support of autonomous shipping initiatives was highlighted. This is relevant for the pending guidance to Member States to populate appropriate POSACC / SOUACC values in existing S-57 ENCs for relevant spatial objects in preparation of the conversion to S-101 ENCs.

³ Strategic Performance Indicator 1.2.2 of the IHO Strategic Plan 2020-2026: *Percentage of navigationally significant areas (e.g. charted traffic separation schemes, anchorages, channels) for which the adequacy of the hydrographic knowledge is assessed through the use of appropriate quality indicators.*



No nomination was received for the position of Secretary.

The next meeting of the DQWG is planned from 7 to 9 February 2023 with the location and venue still to be decided.



Some participants in the DQWG-17 VTC meeting