



18th Meeting of the Data Quality Working Group

Report of the S-101 Project Team

S-101 PT Chair Thomas RICHARDSON

Agenda Item 5.2

DQWG-18, Monaco, 7- 9 February 2023



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S-101PT PROGRESS

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- S-101PT met in November in New Zealand Wellington
<https://iho.int/en/s-101pt9-2022>
- Progress was reported to S-100WG 7 in December
[S-101PT Report to S-100WG7](#)
- S-101PT 10 is planned for the 13th to 15th June 2023
- S-101PT 11 is planned alongside ENCWG8 25th -29th Sept 2023



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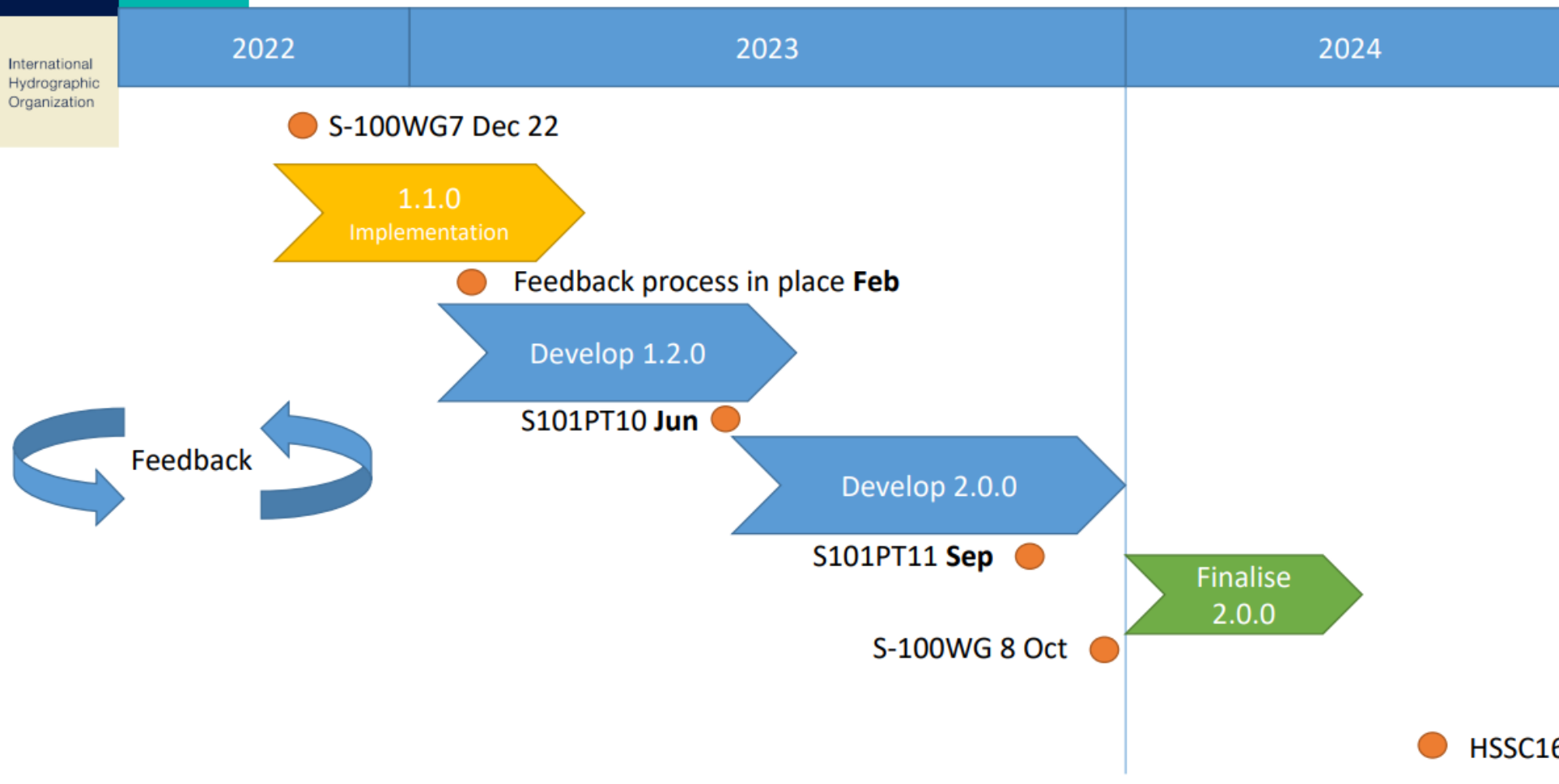
LOOK AHEAD TOWARDS S-101 2.0.0

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TIMELINE





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PROGRESS ON CHANGES TO DATA QUALITY MODEL AND PORTRAYAL

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In S-101 1.1.0 as approved S-101 continues to retain the CATZOC attribute in addition to the more comprehensive model developed by DQWG.

A Feature Catalogue for 1.1.0 is currently being prepared by the Republic of Korea.

Based on options identified by the University of New Hampshire 2 new display options for Bathymetric Data Quality will now be included in the edition 1.1.0 Portrayal Catalogue to support testing. [UNHCCOM Paper to S-101PT9](#)

Comprehensive testing and end user feedback is needed to further develop these aspects.

S-101 1.1.0 documents and report to S-100WG7 can be found here [S-100WG7 \(2022\) | IHO](#)

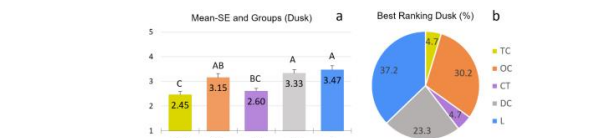
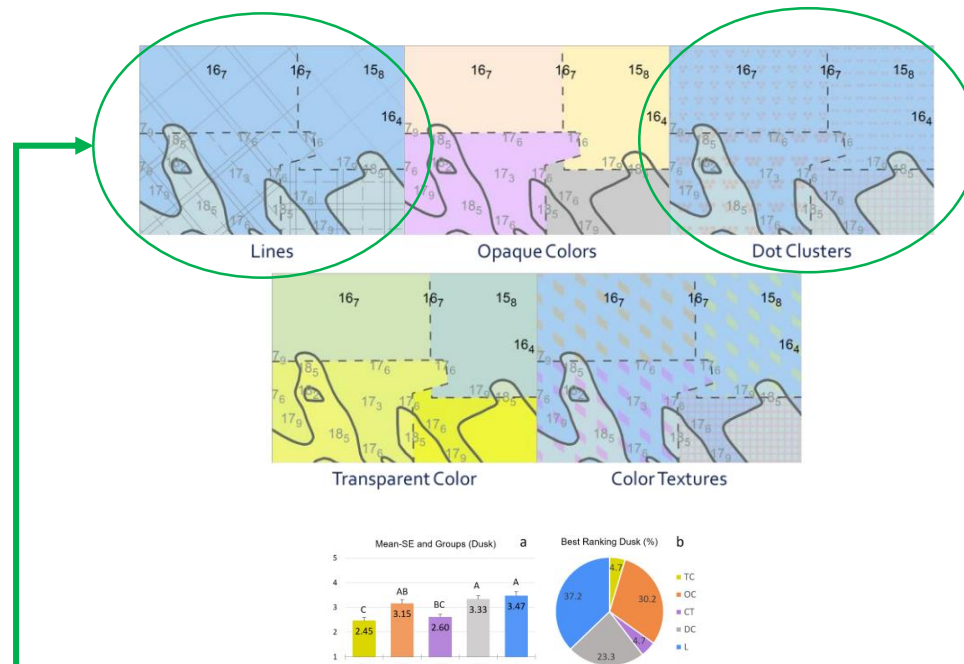


Figure 8. Means and groups (a), and best ranking percentages (b) of the final rankings in Dusk mode.

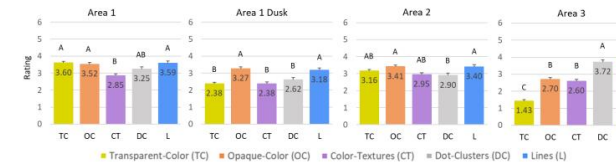
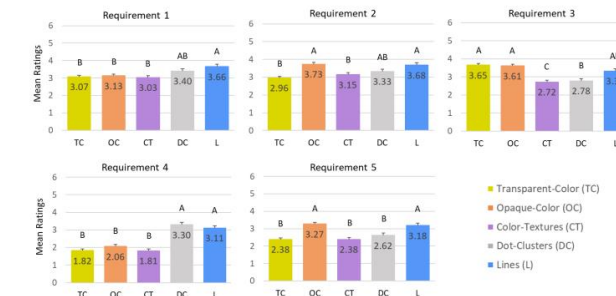


Figure 9. Means-standards errors and formed groups of ratings in the four evaluation areas.





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VALIDATION CHECKS

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- Work has continued on validation checks and an updated document was presented to S-101PT 9 these incorporated changes from a review cycle and changes from S-58 7.0.0

[LINK](#)

- Although feedback and further development is needed these are considered an adequate baseline for testing
- An S-100WG sub group is developing S-100 level checks but has yet to provide the S-101PT with content



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NEXT STEPS (FOR DISCUSSION)

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1. S-101PT would appreciate the support of the DQWG in reviewing the 1.1.0 Feature Catalogue and Data Product Specification to ensure that Data Quality aspects are appropriately considered
2. As feedback from S-101 PT testing is received where it is relevant to Data Quality S-101PT will seek DQWG input and support
3. As a lower priority we would like to monitor work on survey to CATZOC to understand the extent to which survey metadata can be mapped to S-101 attributes



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SUMMARY

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- The DQWG is invited to:

Note the progress reported by S-101PT

Discuss the how S-101PT and DQWG can continue to collaborate noting suggestions on the previous slide