



16th Meeting of the Data Quality Working Group

Report of the S-101 Project Team

S-101 PT Chair Thomas RICHARDSON

Agenda Item 2.5A



IHO S-101PT PROGRESS

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- S-101PT met in September

<https://iho.int/en/s-101pt5-2020>

- Progress was reported to HSSC 12 and the Project Team's workplan endorsed, this seeks to deliver S-101 1.1.0 following publication of S-100 5.0.0
- S-101PT 6 is planned for the 23rd and 24th February 2021



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PROGRESS ON CHANGES TO DATA QUALITY MODEL AND PORTRAYAL

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The S-101 Project Team established two sub groups to focus on the S-101 Data Model (DCEG) and Portrayal, these are led by Jeff Wootton and Alvaro Sanchez

A paper is being developed to agree the data model changes for S-101 1.1.0 and will be discussed at [S-101PT6 12](#) it presents 6 recommendations for the PT to consider

The Portrayal Group has two active issues in its Github related to data quality. However due to the requirements of dual fuel ECDIS it is expected that for the transition period presentation will remain consistent with S-52. However development of the post transition solution should start much sooner. Github link below;

<https://github.com/iho-ohi/S-101-Portrayal>



IHO **VALIDATION CHECKS**

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- Since S-100WG 5 a small group has been working to develop S-100 and S-101 validation checks based on S-58
- This work has sought to separate S-100 checks that could apply to any S-10x product (although the specific checks may differ) from those which are product specific

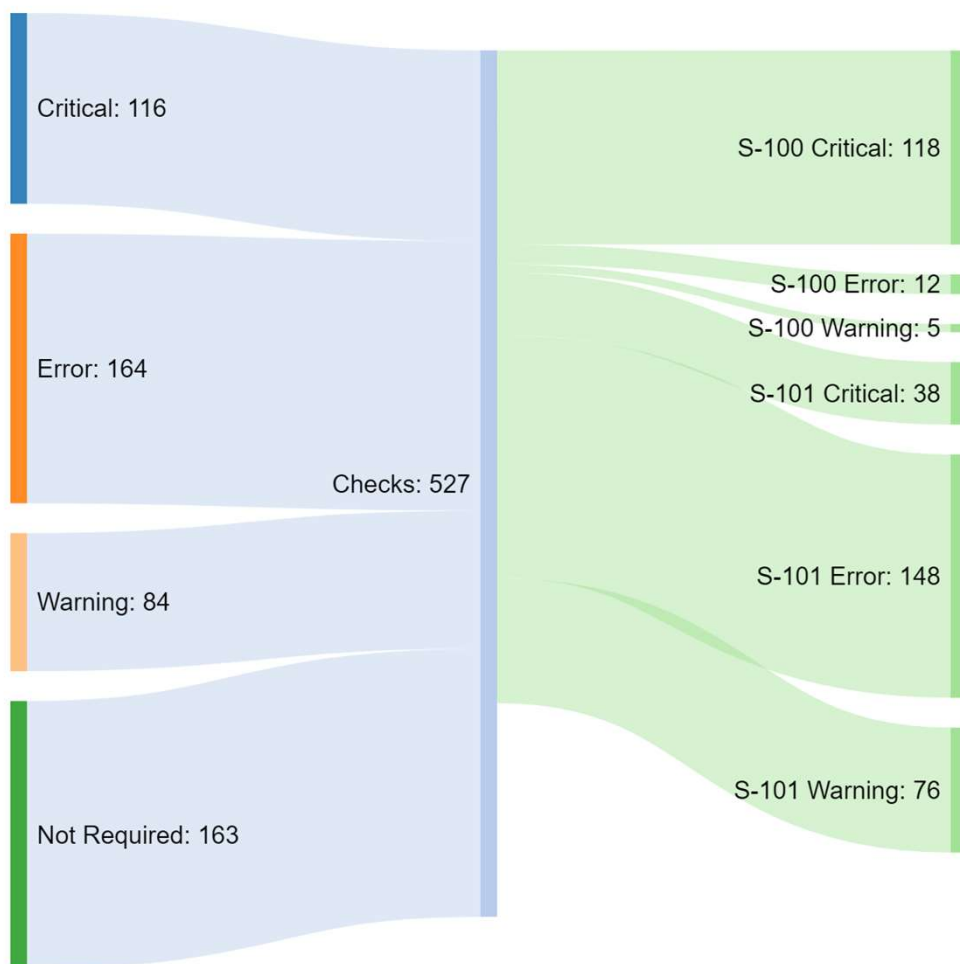
For example file size is an S-100 level check as are many of the encoding and geometry checks

- Good progress has been made and an initial draft of validation checks for S-101 is close to being ready for an initial review



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DRAFT VALIDATION CHECKS BREAKDOWN (S-101)



Overall a reduction of 130 checks from S-58 mainly due to S-101 checks which are no longer applicable.

S-100 Geometry checks have not yet been included.

Clearly as we gain experience these checks will evolve and expand.



IHO REVIEW OF S-101 1.1.0

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- Noting paper DQWG16 2.4A it is planned to apply the principles of ISO 9001 to the revision of S-101
- Noting the current timeframes it may be useful to agree timeframes of the different stages of this work for planning purposes at this meeting



IHO SUMMARY

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- The DQWG is invited to:

Note the progress reported by S-101PT

Discuss the appropriate timeframe(s) for the review of S-101 1.1.0 components by the DQWG