

Paper for Consideration by S-100WG4**[S-100 Validation Checks]**

Submitted by:	Denmark
Executive Summary:	Subset of validations checks adapted to S-100 standard.
Related Documents:	S-58 Ed 6.1.0; S-100 Ed 4.0.0; S-101 Ed 1.0.0.
Related Projects:	S-101 – ENC Product Specification

Introduction / Background

With the introduction of S-100 – IHO Universal Hydrographic Model, and its derivate, S-101 - ENC Product Specification, the need to convert the current S-58 validation checks into the new data format was identified. At the same time, it was noted that some of these checks could be applied to different S-100 related products, since they operate at a data structure level.

Analysis/Discussion

The existing S-58 validation checks were reviewed and adapted to conform to S-100/S-101 data. This first proposal is a subset of the checks that seem to us that can be dealt at S-100 level. We request the S-100WG members to acknowledge the selection and suggest other checks to be included/excluded.

This list susceptible to changes in the future to ensure interoperability as more S-100 derived products are made available.

Recommendations

Denmark recommends that these checks are performed under S-100 generic checks.

Action Required of S-100WG

The S-100WG is invited to :-

- agree on the proposed approach
- form a group to develop the S100 generic checks