



S-101 PT 6

S-101 Validation Update

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Agenda Item 6-08



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S-101 VALIDATION CHECKS PROGRESS

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- Since S-101 PT5 there has been good progress on the development of validation checks for S-101, specifically;
- Denmark has drafted the S-101 specific checks
- SevenCs/Nautical Dimensions have provided draft checks for the ISO 8211 encoding aspects
- IIC Technologies has commenced work on checks for geometry and this has included review of the rules for geometry levels in S-100 Part 7 as a result clarifications have been identified for S-100 5.0.0



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NEXT STEPS

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- When draft geometry checks are ready an initial draft document will be prepared and reviewed by the validation checks sub group, to reach a more mature working draft
- Work will then focus on;
 - Finalising the check syntax and structure
 - Incorporate S-58 7.0.0 changes once agreed
 - Develop test datasets corresponding to the checks (leveraging existing datasets for S-58 where possible)
 - Review and expansion of tests to ensure new or changed S-101 content is covered



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OBSERVATIONS

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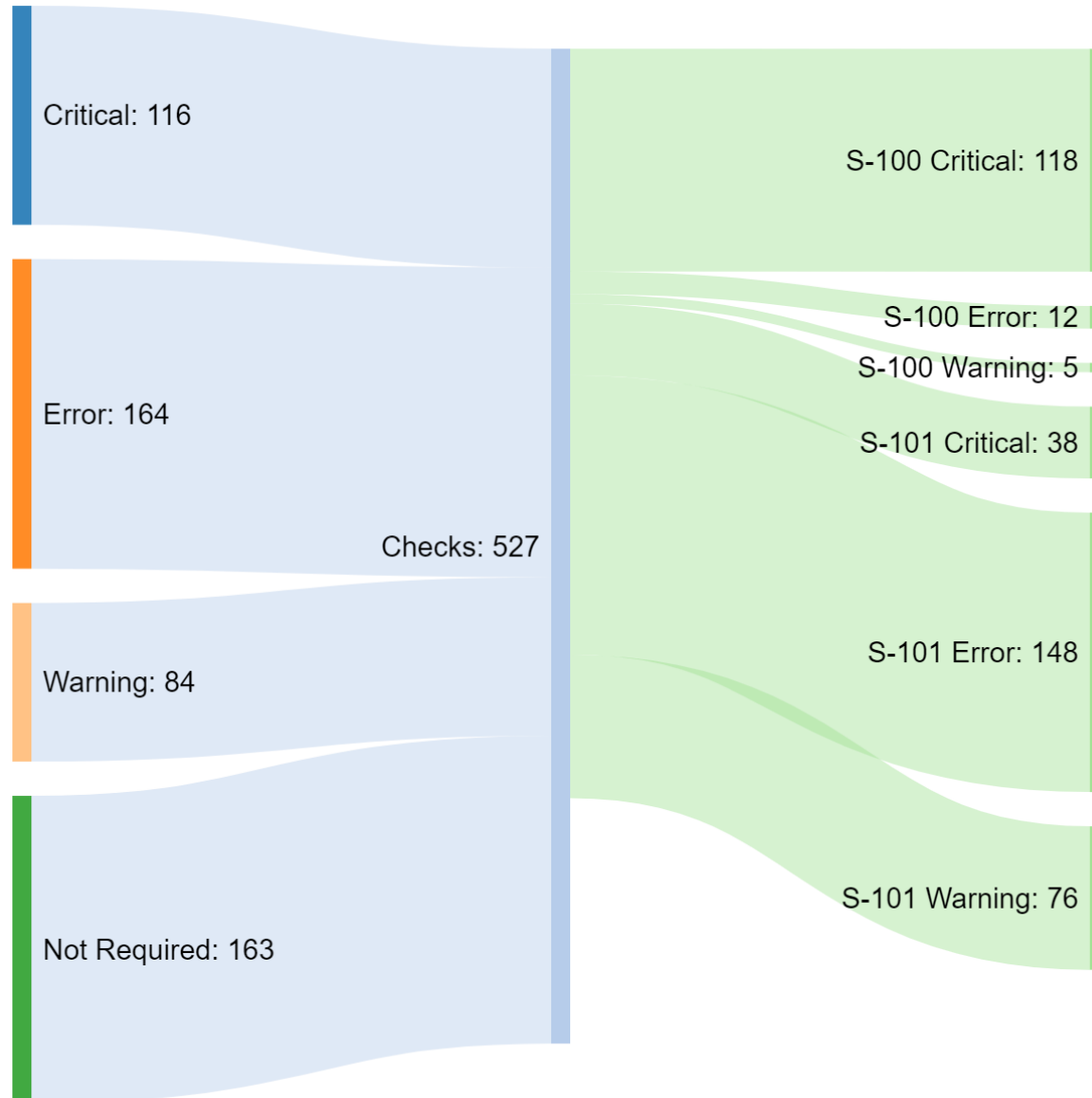
- A large number of S-58 checks have been identified as not required due to data model changes in S-101 and through the use of the Feature Catalogue to simplify many S-58 checks
- The draft checks will reference “equivalent” S-58 checks and a mapping will also be provided as an audit trail
- This work has intentionally separated S-100 template checks so



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DRAFT VALIDATION CHECKS BREAKDOWN (S-101)

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Overall a reduction of 130 checks from S-58 mainly due to S-101 checks which are no longer applicable.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



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SUMMARY

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- The group is pleased to report good progress on validation checks for S-101 1.1.0
- A draft will now be prepared for review but it is noted that other components of S-101 will need to be more mature to allow a final draft of checks for S-101 1.1.0 to be prepared