



S-101 Validation Sub-Group Update

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OVERVIEW

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- The S-101PT formed a Validation Sub Group to develop validation checks for S-101 after S-100WG5
- This work began with the development of a set of checks based on S-58, these were published to the S-101PT7 meeting (May 21)
- The S-100WG has also established a Validation Sub Group and work on S-101 checks requires coordination with that group



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PROGRESS

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- Following the publication of DCEG 1.0.2 a review has been conducted between the initial set of checks and the new DCEG
- IIC, i4Insight, Nautical Dimensions, Primar and Denmark supported this review which the S-101PT chair coordinated due to the lack of any other lead
- Changes in S-58 7.0.0 have been applied



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CURRENT STATUS

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- A draft set of checks has now been prepared reflecting the review that has been conducted (440 checks in total) the structure is as follows
 - Part S-100 level checks (164)
 - Part 2 S-101 Specific Checks (276)
 - Part 3 S-58 Cross Reference
 - Part 4 Limitations and Statistics
 - Part 5 New Checks (205) and Changes (20) not yet applied
 - Tables 9 on tabs linked from the relevant check
- A separate document containing the changes has also been published



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LIMITATIONS

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- Check messages remain incomplete and the syntax effectively follows S-58
- **The S-100 level checks are an immature draft and these are now being developed by the S-100WG, they have not been reviewed for S-100 5.0.0**
- Large number of potential new checks require review
- The mapping to S-58 has only been partially updated for S-58 7.0.0
- No test datasets to reflect these checks have as yet been prepared



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NEXT STEPS

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1. Propose that these checks are made available to implementers so that they can be implemented and feedback provided
2. In liaison with the S-100WG sub group, review and updating of the S-100 level checks should be conducted
3. With feedback and review of S-100 checks a further version of these checks can then be published for further feedback



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QUESTIONS ?