

S-101 Test Dataset Sub-Group Update

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S-101PT9-6.4 14 November 2022

 At S-101PT8 the importance of Test Datasets for S-101 implementation was recognised and a Sub-Group was established Decision S-101PT8-17 refers

 In early 2022 the group met and discussed the way ahead but there was limited resources and no lead could be found

 Since then using IHO funds the chair has coordinated the delivery of Test Datasets via 2 suppliers

WORK UNDERTAKEN

- A scheme was designed based on the structure of the DCEG with a dataset for each section (where needed)
- Specifications for the datasets were then created along with a set of default parameters
- A tender was then conducted and 2 suppliers were successful, these suppliers have been delivering cells in a series of batches for review

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- The suppliers both converted the specifications to machine readable files in order to generate the test datasets semi automatically
- Each specification has been updated to include screenshots etc
- These specifications are used to maintain the cells and are not a test standard in themselves

Scenario	7.4				
Description		Wind Turbine			
Location			Description		
32° 30.5898' S 62° 31.8648' E		I .	/ind Turbine (point) visual prominence = 1 (Visua /ind Turbine (point) visual prominence = 2 (Not V		
Screen Capture		Ì	ţ		

Scenario	7.5				
Description		Fortified Struc	ture		
Location			Description		
32° 29.088′ S 62° 31.	851' E	2. F			
Screen Capture					

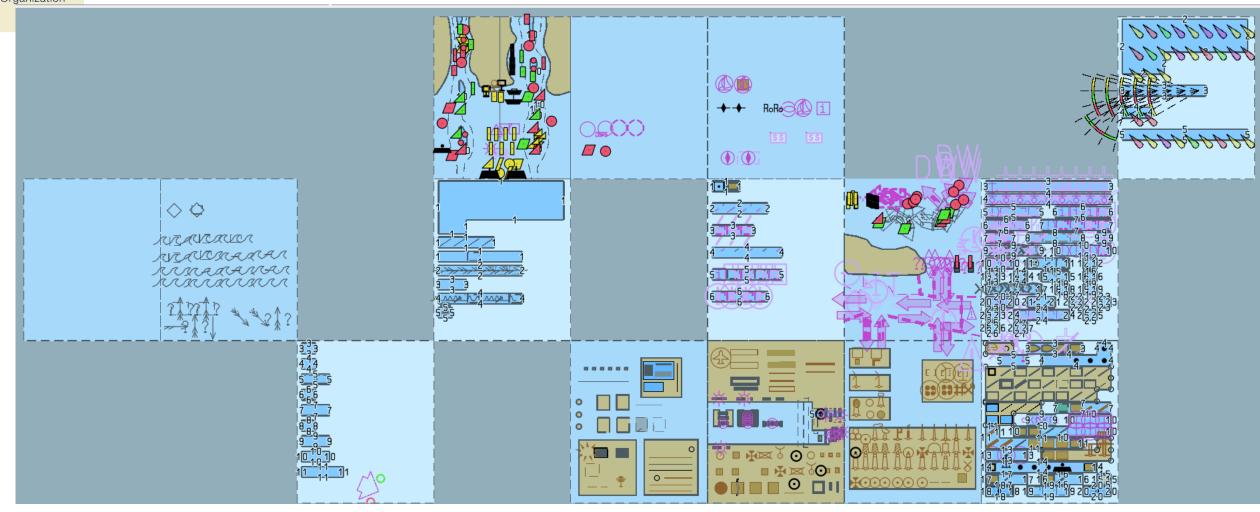
CURRENT STATUS

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- Specifications have now been created for all Test Datasets thanks to Kevin Dickens from NGA for support on this
- The suppliers have provided 15 datasets out of 19 for this work
 S-101-Test-Datasets/dev at main · iho-ohi/S-101-Test-Datasets

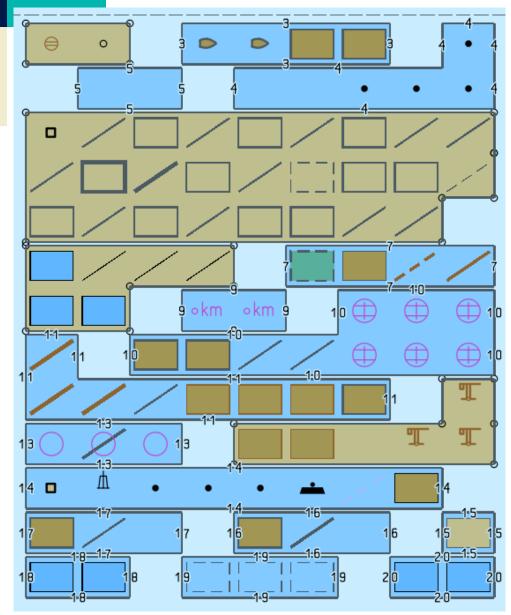
 (github.com)
- The final cells are expected to be ready very soon
- An S-100 5.0.0 Exchange Set has been created containing the completed datasets and feedback on this is welcomed

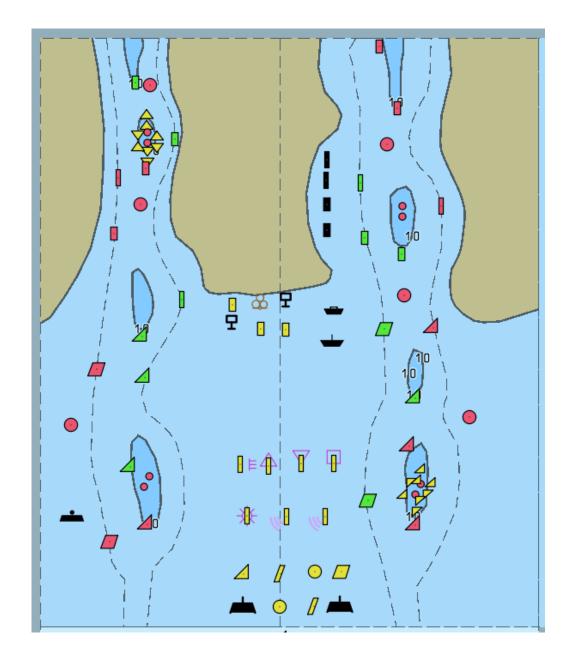
S-101-Test-Datasets/dev/exports at main · iho-ohi/S-101-Test-Datasets (github.com)





IHO EXAMPLES





FUTURE WORK

- As the cells reflect FC 1.0.2 they will need updating to S-101 1.1.0 and the documentation will need updated screenshots once the 1.1.0 Portrayal Catalogue is available
- The cells can be further enriched as additional display scenarios are identified, it would be good if producers could volunteer to support this
- These cells could usefully form part of S-164 test datasets and S-101PT chair will liaise with the S-100 WG on this, conversion of existing S-64 datasets to S-101 is a potential further activity



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QUESTIONS?