



# Test Dataset Sub Group Update

S-101 PT Chair Thomas RICHARDSON

**S-101PT11-6.4 26 Sep 2023**



**IHO**

# **OUTLINE AGENDA**

International  
Hydrographic  
Organization

1. Progress So Far

2. Current Status

3. Way Ahead

4. Action Points



IHO

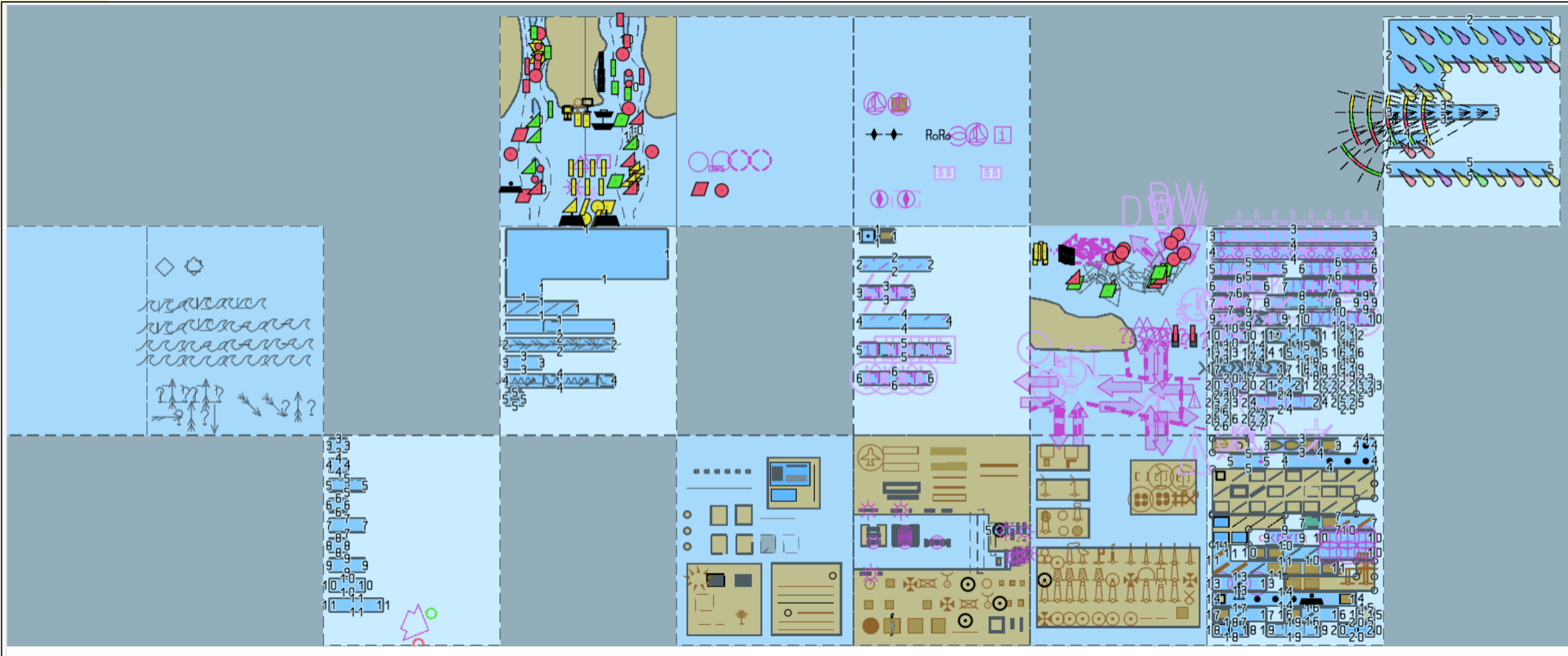
## PROGRESS SO FAR

International  
Hydrographic  
Organization

- An initial set of 20 S-101 test datasets were created using IHO funding in 2022 these cells and documents specifying their content are held in the Github repository <https://github.com/iho-ohi/S-101-Test-Datasets>
- A number of additions and edits have been made to these cells and they have been updated to reflect FC 1.1.0
- A second batch of Test Datasets have been created under a further IHO contract for S-164 and cells based on the S-58 Test Datasets are in progress and will be completed soon



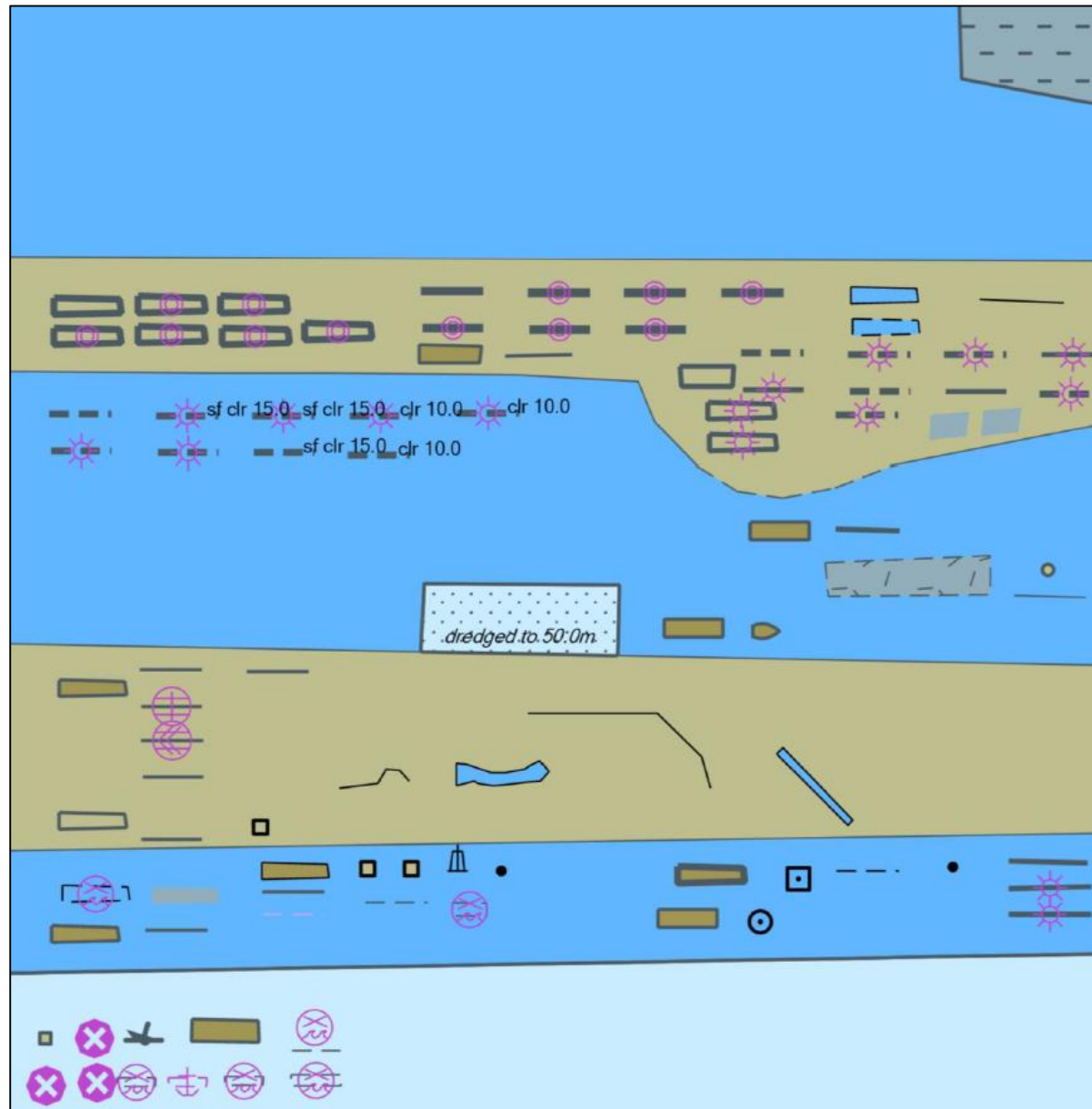
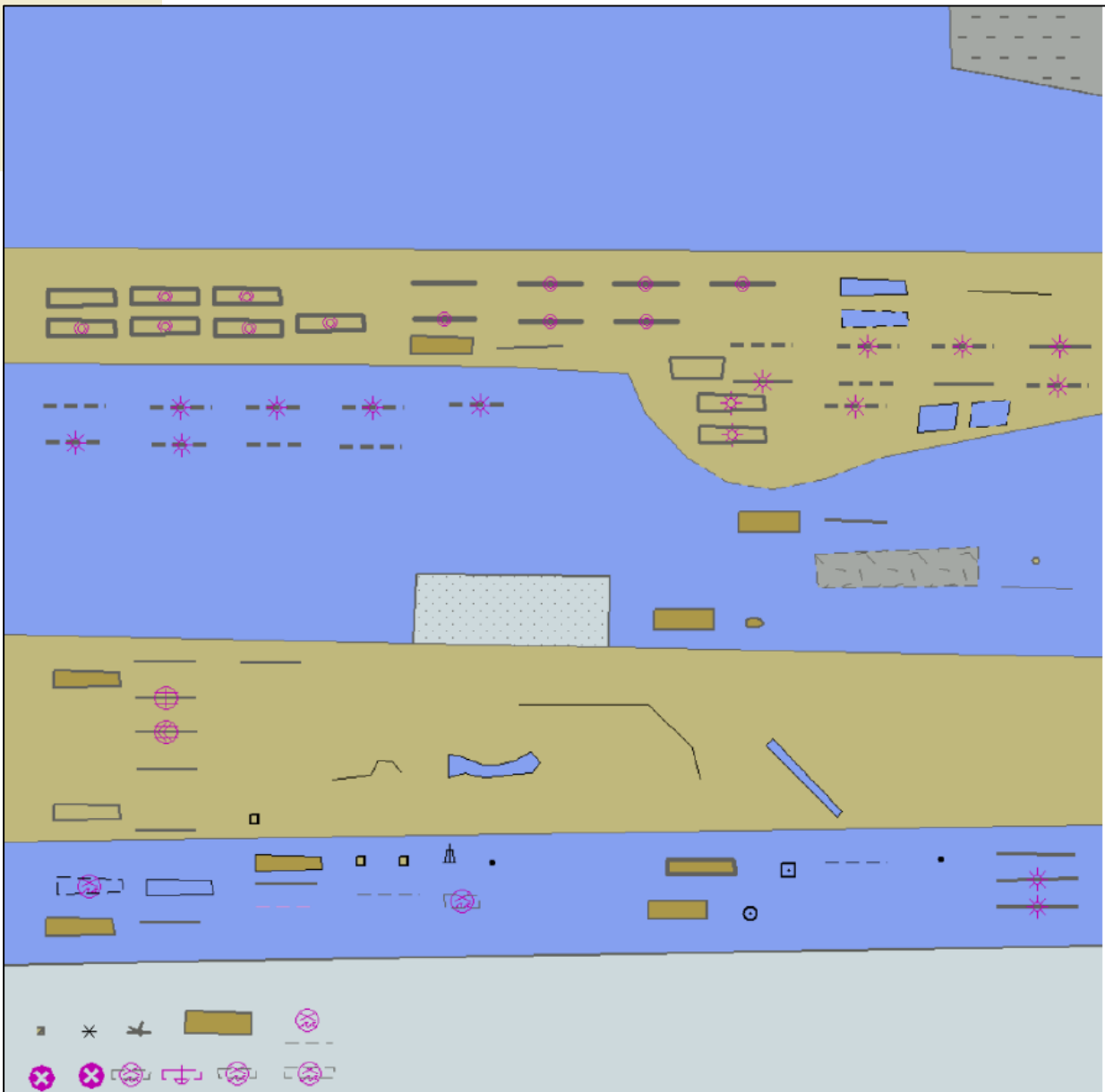
IHO





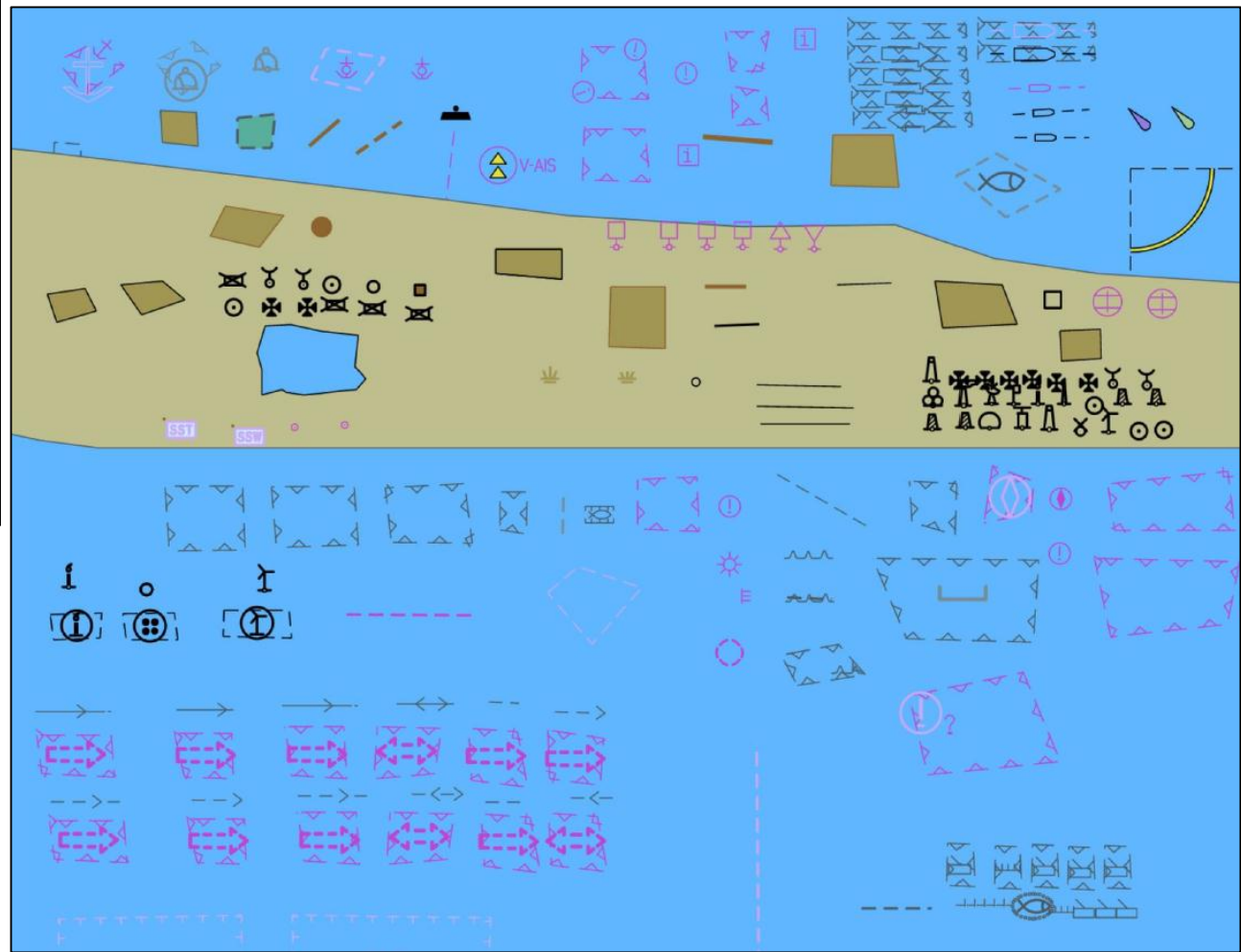
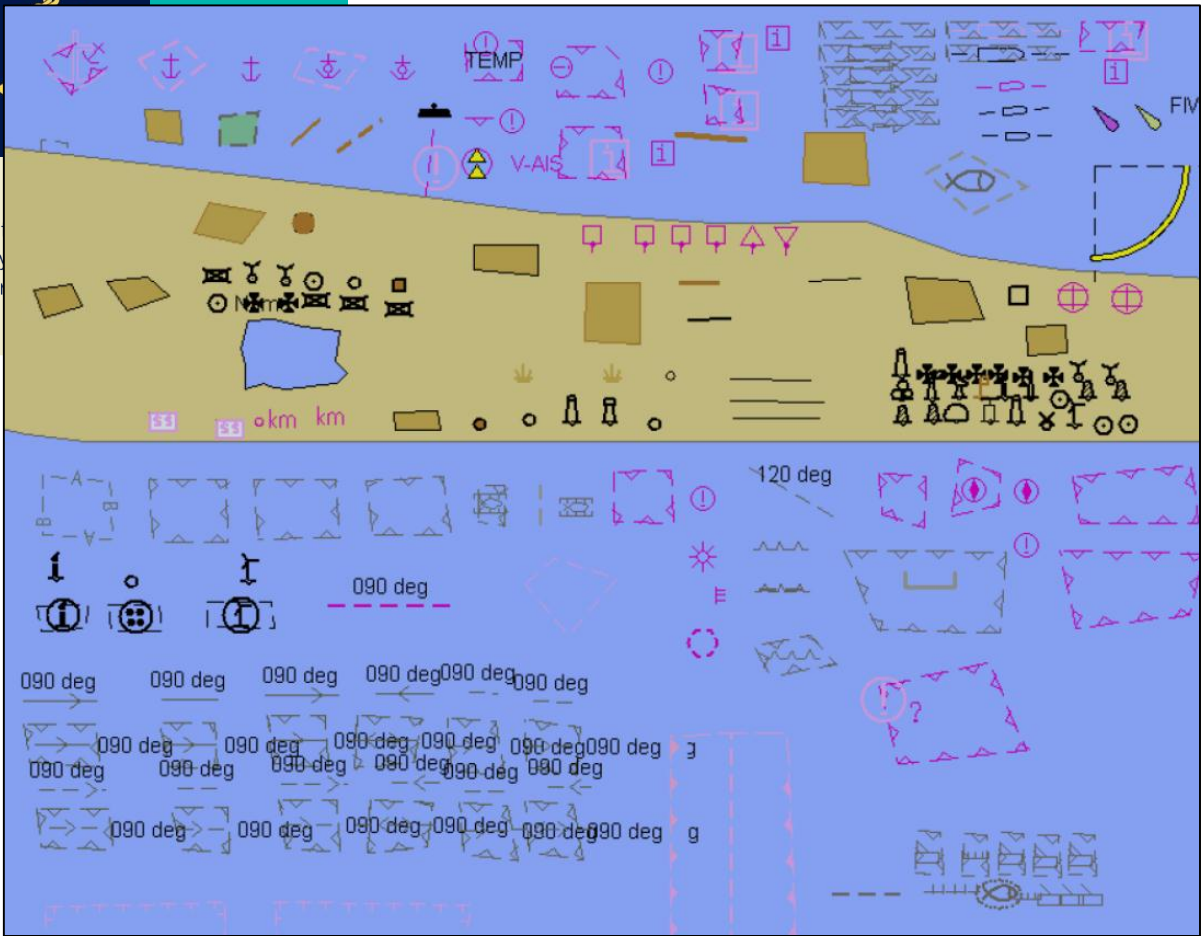


IHO





O.I.S





IHO

# CURRENT STATUS

International  
Hydrographic  
Organization

- There are currently 33 open issues for these Test Datasets, 19 need test data edits most stem from the need to adapt the cells to reflect the S-101 specification
- 10 issues are open in the Portrayal Sub-Group Github which require Test Data
- The S-58 TDS are expected soon and will need to be reviewed and assessed
- Cells have been validated using available tools but these remain immature, they have been viewed in the Shore ECDIS application
- The cells have been very useful in verifying the Portrayal Catalogue and support S-164





IHO

WAY AHEAD

International  
Hydrographic  
Organization

1. Once an S-101 1.2.0 Feature Catalogue is available it will be necessary to update all datasets to this edition at this time the producer code will be updated to use the new 00AA code for IHO which has been registered in the GI Registry
2. Further improvements and expansion to address the open Github issues and any future issues are needed
3. Once reviewed share the S-58 Test Datasets for feedback, it is suggested to pass ownership to the Validation Sub-Group



**IHO**

# **RISKS**

International  
Hydrographic  
Organization

- **Delay to production tools to being updated for new S-100/S-101 versions – as the changes in 1.2.0 are fairly limited this is not expected to be a major issue**
- **Lack of capacity to edit and improve the cells – this is the primary risk**



IHO

# ACTION POINTS

International  
Hydrographic  
Organization

1. PT members are invited to contribute to TDS development including uplift to 1.2.0
  - Volunteers will need either a production or validation system that can be updated to edition 1.2.0
2. SG lead to coordinate the resolution of outstanding Github issues related to these datasets (SG lead volunteers would be welcome)
3. SG lead to review the S-58 Test Datasets and share with Validation Sub Group lead



**IHO**

International  
Hydrographic  
Organization

**QUESTIONS ?**