

S-101PT Letter 5/2021

17th December 2021

S-101PT Workplan Review following PT8 Meeting

Dear S-101 Project Team Members,

Firstly, I would like to thank all Project Team members who attended and contributed to the recent PT8. I think the meeting demonstrated the significant progress that has been made in shaping edition 1.1.0 of S-101 and the momentum that the sub-groups have built. I would like to express my thanks especially to Jeff and Alvaro for their work and everyone's contributions.

The draft minutes (link below) reflect a productive meeting, but I am aware that some papers were not made available in good time. I think this reflects a busy period of meetings and the work that the sub groups have been progressing for the Project Team. If any PT members have specific objections please raise comments to the draft minutes.

https://iho.int/uploads/user/Services%20and%20Standards/S-100WG/S-101PT8/S_101PT8_2021_00_EN_Record_of_Meeting.pdf

The primary aim of this letter is to restate the way ahead for the PT during 2022 and Annex A includes the workplan resulting from the PT meeting. By endorsing the DCEG 1.0.2 as the basis for a Feature Catalogue to act as the stable baseline for S-101 1.1.0 we have reached a key milestone. But to deliver the other components of S-101 to achieve the timeframes set out in the workplan additional focused effort and modified ways of working will be required.

Annex B summarizes the different sub-groups and includes links to their work areas. This table will also be added to the PT page for improved visibility.

Annex C provides an outline workflow for the Portrayal development and Test Dataset processes.

Early in 2022 a schedule of remote meetings to support the delivery of this plan will be set out to supports its delivery. Regular review sessions of the ISO 9001 cell will also be used to track progress and act as required.

This letter requests your action on the following 3 items, response are requested to jeff.wootton@iho.int cc thomas.richardson@ic-enc.org by the **25th of February 2022**.

1. Review and provide comments on the Workplan included at Annex A noting the additional content provided in Annexes B and C. (action ref S-101PT8-22)
2. Consider whether your organization could support the PT by undertaking either of the following two roles which involve coordination of PT activities (action refs S-101PT8-20 and S-101PT8-15).
 - Test Datasets Sub-Group Lead
 - Validation Sub-Group Lead

Please contact the chair directly for more information about these roles.

3. PT members are requested to indicate by email to the chair their capacity to actively contribute to the PT during 2022 the following short table and corresponding values is a suggested approach only;

- 0 – No Capacity
1 – Monitor
2 – Limited Contributions (≤ 2 hrs/week)
3 - Active Contributions (> 2 hrs/week)

Sub-Group Name	Capacity to Support (0-3)
Project Team	
DCEG Sub-Group	
Portrayal Sub-Group	
Validation Sub-Group	
Scales Sub-Group	
Test Dataset Sub-Group	

Although it will be a challenge to deliver the draft workplan I look forward to working with you during 2022. I hope that by focusing our efforts and continuing to work collaboratively we can deliver S-101 1.1.0 in order to support the vital test and development that is needed to support a new generation of nautical charts. Finally, I'd like to take this opportunity to wish you all good health and prosperity in 2022.

Yours sincerely,



Tom Richardson
(IHO – S-101PT Chair)

Annex A S-101PT Workplan @ 20211213

Ref	Task	Dependencies	Who	Start	End	Status
A.1.4	Process registry changes resulting from review of the DPS and DCEG.	A.1.2	IHO Sec	01/01/2022	01/02/2022	PLANNED
A.1.5	Prepare an updated Feature Catalogue for S-101 1.1.0.	A.1.2/A.1.4	KHOA	01/02/2022	01/03/2022	PLANNED
A.1.6	Prepare new and updated Portrayal content.	A.1.2	Port SG	01/10/2020	31/03/2022	IN PROGRESS
A.1.7	Process registry changes resulting from Portrayal work.	A.1.6	IHO Sec	01/04/2022	01/05/2022	PLANNED
A.1.8	Prepare a complete PC for S-101 1.1.0.	A.1.5, A.1.7	Port SG	01/05/2022	01/06/2022	PLANNED
A.1.9	Develop and review Portrayal Annex	A.1.5	Port SG	01/09/2021	01/03/2022	PLANNED
A.1.10	Prepare an initial draft set of S-101 Validation Checks. (Critical checks as a minimum)	A.1.2, A.1.5, A.1.8	VC SG	01/04/2020	01/09/2022	IN PROGRESS
A.1.11	Finalise S-101 Test datasets*	A.1.5, A.1.8, A.1.10	TDS SG	01/01/2022	01/10/2022	PLANNED
A.1.12	DQWG to conduct review of S-101 draft components.**	Various	DQWG	01/03/2022	01/10/2022	PLANNED
A.1.13	Prepare content for publication.	Various	IHO Sec	01/07/2022	01/09/2022	PLANNED
A.1.14	Conduct pre-publication quality checks.	A.1.13	ALL	01/09/2022	01/11/2022	PLANNED
A.1.15	Review DPS and other components for S-100 5.0.0 changes and consequential action.	HSSC 13	ALL	01/04/2022	01/07/2022	NEW

* Test Datasets for developmental purposes will be provided earlier to support development this task relates to test datasets for S-164 specifically.

** Individual components will be provided to the DQWG for review when ready in order to manage the workload.

Annex B S-101PT Sub-Group Summary

Sub-Group Name	Lead	Activities (link to working area)	2022 Focus
DCEG Sub-Group	Jeff Wootton (IHO Sec)	Defining the data model and encoding guidance as provided in the DCEG document. https://github.com/iho-ohi/S-101-Documentation-and-FC/issues	Preparation of Feature Catalogue 1.0.2 and further review of change proposals.
Portrayal Sub-Group	Alvaro Sanchez (AU)	Defining the symbols and portrayal rules defined in the S-101 Portrayal Catalogue and contributing to the ECDIS functions/requirements. https://github.com/S-101-Portrayal-subWG/Working-Documents/issues	Develop new symbols and rules. Prepare Portrayal Catalogue to support S-101 1.1.0.
Validation Sub-Group	Tom Richardson (UK) (New lead sought)	Drafting of validation checks for S-101 and more generally defining checks for S-100 to support all product specifications. https://github.com/iho-ohi/S-100-Validation-Checks/issues	Develop and review validation checks for S-101 reflecting S-100 5.0.0 and associated Catalogues.
Scales Sub-Group	Christian Mouden (FR)	https://github.com/iho-ohi/S-101-Documentation-and-FC/issues	Provide guidance in S-101 documentation for Data Producers, on how to organize their S-101 ENCs schemes.
Dataset Load/Unload Strategy Sub-Group	Christian Mouden (FR)	https://github.com/iho-ohi/S-101-Documentation-and-FC/issues	Review and refine the loading strategy description in S-101 documentation.
Test Dataset Sub-Group	Lead Sought	To specify and coordinate the production of test datasets to support the development and testing of S-101. https://github.com/iho-ohi/S-101-Test-Datasets	Design and prepare test datasets to support Portrayal changes based on current and planned Feature Catalogues.

Annex C S-101 PT High Level Process Flows

