



# Delivery of S-101 Edition 2.0.0

S-101 PT Chair Thomas RICHARDSON

**S-101PT11-11 25 Sep 2023**



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# **OUTLINE AGENDA**

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Hydrographic  
Organization

1. Progress So Far

2. Current Status

3. Way Ahead

4. Action Points



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## PROGRESS SO FAR

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- Since S-101PT 5 (Sept 2020) the Project Team has made significant progress in developing S-101 through 5 PT meetings and numerous sub-group meetings
- A significant challenge has been the development of the S-101 Portrayal Catalogue
- In April 2023 edition 1.1.0 of S-101 was published and this was the first version to include a Portrayal Catalogue and draft Validation Checks
- We have received some feedback but due to the lack of testbed systems testing activity remains limited (S-98 and S-164 are key dependencies)



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# CURRENT STATUS

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- In support of the S-100 Roadmap HSSC 15 set out timeframes for approval of edition 2.0.0 of S-101 by HSSC by correspondence in summer 2024
- At S-101PT 10 a plan was agreed to deliver edition 1.2.0 as an incremental step towards 2.0.0 and hold 2 meetings in 2024 to maintain momentum
- A number of issues remain to be resolved for 2.0.0 as detailed in the various reports provided to this meeting
- Using IHO contract support good progress has been made on S-101 Test Datasets and these have supported progress on S-164



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# WAY AHEAD – STEP 1 DELIVER 1.2.0

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1.1 Conduct a final 1.2.0 review cycle of the DPS and DCEG

IHO Sec – All PT Members – by 27<sup>th</sup> October 2023

1.2 Resolve comments from review and prepare final documents including Feature Catalogue 1.2.0

IHO Sec by 2<sup>nd</sup> Nov 2023 (DQWG consistency review follows in parallel)

1.3 Submit to S-100WG8 for endorsement of completed 1.2.0 components

Chair - 13<sup>th</sup> Nov 2023

1.4 Prepare 1.2.0 Portrayal Catalogue, Validation Checks and Test Datasets

Sub-Group Leads - by 22<sup>nd</sup> Dec 2023

1.5 Final S-100WG Approval of 1.2.0 by letter

Chair - Jan 2024



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## WAY AHEAD – STEP 2 DELIVER 2.0.0

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2.1 PT12 meeting Feb 2024 (13<sup>th</sup>-15<sup>th</sup> Remote) to review proposals for 2.0.0 and action further feedback from 1.1.0 testing

2.2 Sub-groups to progress changes and prepare final drafts (Mar-Apr)

2.3 Chair to report progress to HSSC 16 27<sup>th</sup> May 2024

2.4 PT13 meeting to conduct final adjudication of 2.0.0

17<sup>th</sup>-20<sup>th</sup> June 2024 (In Person) Sweden

(substantive papers to be submitted 4 weeks in advance 17<sup>th</sup> May)

2.5 Prepare final content and DQWG review (Jun-Jul)

DPS, DCEG, Validation Checks, FC, PC TDS



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## **WAY AHEAD – STEP 3 PUBLISH 2.0.0**

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3.1 HSSC Letter to seek 2.0.0 approval – August 2024

3.2 IHO Circular Letter to seek MS approval – September 2024

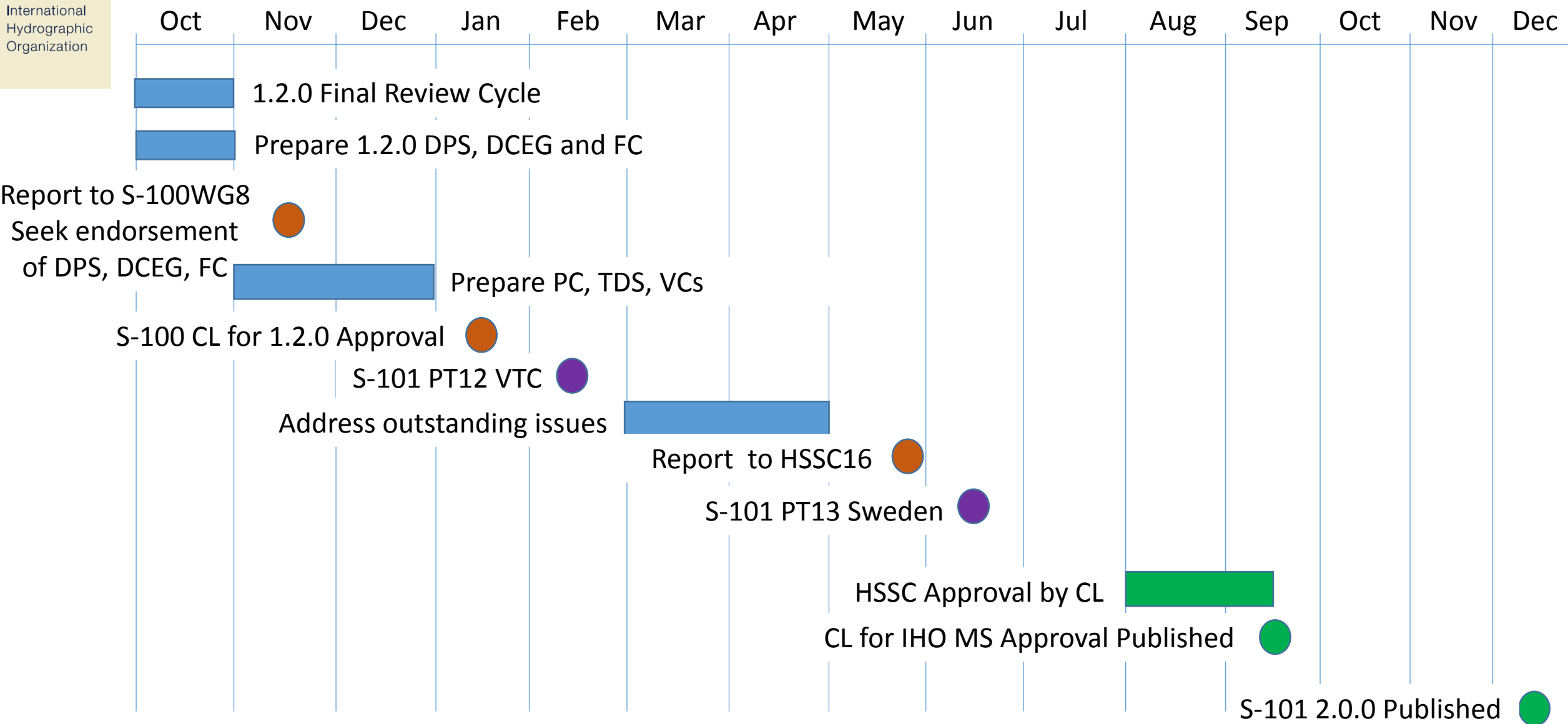
3.3 Publication subject to MS approval – December 2024



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# S-101 2.0.0 TIMELINE

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- **Capacity** – we remain reliant on limited resources, but the number of changes are now stabilising, SG leads are best placed to comment
- **Dependencies** – we remain dependent on S-98 and S-164 this impacts testbeds and we need to be realistic that given the timeframe testing will be limited
- **Outstanding Issues** – there are a number of items that need to be resolved before edition 2.0.0 can be finalised although some are making progress



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# **ACTION POINTS**

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- **Delivery Plan**

- Seek S-101PT member comments and questions on the plan Steps 1-3

- **Sub-Group Leads**

- Seek S-101PT sub-group leads comments on capacity and outstanding issues (ACTION)
- Propose to create a dedicated label in Github to track issues that must be resolved for 2.0.0 (ACTION)



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# STATUS MATRIX

International  
Hydrographic  
Organization

Standard  
Published

Production  
System Support

ECDIS Testbeds  
Available

Edition 1.1.0  
"Aotearoa"

May 2023

May 2023

None @ Sep 23

Edition 1.2.0  
"Lombok"

Feb 2024

Apr 2024

TBD

Edition 2.0.0  
"Sverige"

Dec 2024

Dec 2024

TBD



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**QUESTIONS ?**