S-102 PT17 Minutes
8 May 2024: 1300 – 1600
VTC (all times UTC+2/CEST)

Agenda Item	Subject	GitHub Issue	Actions	Responsible for action	Target date
8 May 2024				
Topic A: Incidentals				
A.1	Welcome/Housekeeping	N/A	N/A	N/A	N/A
A.2	Review of S-102PT16 Minutes/Pending actions	N/A	N/A	N/A	N/A
Topic 1: S-102 Portrayal Catalogue				
1.1	Portrayal Catalogue Status	48, 49	To be discussed further at the upcoming PC meeting (see item 1.2).	Participants at upcoming PC meeting.	23 May
1.2	Fixing a time for PC Discussion 2		Thursday 23 May 1300-1500 UTC+2/CEST (VTC). Agenda items sent to Chair by 16 May.	Chair	-
Topic 2: S-102 PS Open Issues				
2.1	Cancellation support clarification	81	**No objection** to go forward with the recommended approach described in GitHub issue #81. Contact Raphael Malyankar for support regarding specific textual changes in the PS.	Chair	ASAP
2.2	SMA – Node-based to cell area-based product	(PR) 73	**No objections** to merge the PR to the development branch. The merge will be made as soon as possible.	SMA	ASAP
2.3	BSH – Dealing with multiple vertical datums	79, (PR) 90	**PT support** this solution. Vice Chair will reach out to Chair of TWCWG to ask if they are also addressing this issue.	Vice Chair	ASAP
Topic 3: Timelines and Outstanding Tasks				
3.1	Alignment to S-100 ed 5.2.0	N/A	Meeting booked for Thursday 6 June 1300-1500 UTC+2/CEST (VTC).	Chair	-
3.2	Deadline for S-102 PS ed 3.0.0	N/A	Draft edition 3.0.0 ready at the end of May. Final edition 3.0.0 ready at the end of June. 1. To mitigate the risk of not meeting the timeline for ed 3.0.0, Chair and BSH will have weekly meetings to go through open PR in GitHub.	1. Chair & BSH 2. Chair	1. Weekly 2. ASAP

			2. An e-mail will be sent out every two weeks to PT with items and upcoming meeting dates.		
3.3	Review of discussion items as input to HSSC16 Report	N/A	HSSC16 Meeting Page	N/A	N/A
3.4	Review any actions needing assignment	N/A	Covered during topic 2 and item 3.2.	N/A	N/A
Topic 4: Review and Next Meeting					
4.1	Plans for Next Meeting	N/A	PT18 will be held on Monday 10 and Wednesday 12 June 1300-1600 UTC+2/CEST (VTC).	N/A	N/A
4.2	Review minutes and actions	N/A	Minutes and actions were reviewed.	N/A	N/A

Agenda Item A1 and A2.

Chair (Lawrence Haselmaier) welcomed everyone to PT17.

The agenda for the day was presented. Regarding item 3.3, Secretary from IHO Secretariat mentioned that it does not have to be discussed but if anyone in the PT has any input they would like to share, they may do so.

The S-102 PT16 minutes were reviewed. A comment during agenda item 2.2 from PT16 (ISO metadata file) was that this issue was brought up at TSM (Test Strategy Meeting) in March and the proposal has been added into S-100 ed. 5.2.0.

Agenda Item 1.1 Portrayal Catalogue Status

Central for this agenda item was to schedule a new VTC meeting for Portrayal Catalogue discussions.

A comment from a PT member was that the target is the ed 3.0.0 release and a supported FC (Feature Catalogue) is needed to move forward in the work.

During agenda item 3.2 it was discussed more in detail the scope of what changes are targeted for ed. 3.0.0. It was agreed that (a) the open pull requests and other topics discussed in this agenda are good candidates for inclusion in ed. 3.0.0; (b) no substantively new issues should be undertaken for inclusion in that edition—we have enough on our plate already.

Agenda Item 1.2 Fixing a time for PC Discussion 2

The PT voted for possible participation in the suggested meeting time for the PC Discussion 2. Majority said yes to the suggested meeting time and it was decided to be held on Thursday 23 May 1300-1500 UTC+2/CEST. It will be a Google Meet hosted by Chair. Details will be sent out in advance. The PT is advised to send in agenda items to Chair on or before 16 May.

A question was asked if this discussion would include ECDIS visualisation. NIWC answered that the schemas that now are in S-100 ed. 5.2.0 should work. A basic, notional portrayal and colorization can be demonstrated.

Agenda Item 2.1 Cancellation support clarification

GitHub issue #81 was reviewed, and PRIMAR briefly went through the status of the issue. During S-102 PT16 a concern was raised that fileless cancellation would preclude digital signature, thus posing a security risk. It was also brought up by WENDWG as a potential security breach and added as an action. During TSM it was discussed further, and it was confirmed that (even in the case of fileless cancellation) it is still possible to provide a signed exchange catalogue, which is sufficient from a security perspective. Consequently, it was deemed safe for S-102 to move forward by adopting fileless cancellation.

Proposal for amendments in S-102 PS has been made by PRIMAR in the GitHub issue. PRIMAR also mentioned that the PS for S-104 and S-111 already have a comprehensive description for this topic and it would be beneficial to use the same descriptions for all the PS.

Chair has for action to contact Raphael Malyankar for support, since he is very familiar with S-104 and S-111 and can likely assist with ensuring the text in S-102 is in appropriate parallel with the aforementioned specifications. Chair also has for action to coordinate with PRIMAR on incorporating Raphael's suggestions and updating GitHub.

Agenda Item 2.2 SMA – Node-based to cell area-based product

SMA, Traficom, and BSH have been working on the amendments since last PT meeting. There was also a comment from an external part that had to be taken in to consideration. After the amendments were made a review period was advertised to the PT. NIWC came back with a few comments. Some more amendments and changes have since been made by Traficom to better align it to ISO19123 and S-100.

The PR (Pull Request) is now ready for merge. There were no objections to merging PR #73 to the development branch. SMA has for action to make the merge as soon as possible.

Agenda Item 2.3 BSH – Dealing with multiple vertical datums

There are no comments from PT in the existing GitHub issue. BSH has made the text changes that will go in to the PS and created a PR for this. There are a few changes made.

BSH has created a Word redline version that can be found in the PR. They stress that the solution is S-100 compliant and underscore this alternative as 'Optional' in the PS.

In general, the PT support the solution, but some discussion during this agenda item occurred. Questions regarding interoperability and alignment with ENC were raised. BSH responded this proposal is both compliant with and necessary for interoperability as regards Water Level Adjustment (WLA).

Another concern was that the same problem would occur for S-104 and WLA. I.e., all products need to have the same vertical datum to work together. BSH agreed that for the data to be interoperable, S-102 and S-104 would have to make the same changes. Following this discussion, it was clear that TWCWG has to be consulted regarding this issue. Vice Chair has for action to contact Chris Jones (UK), Chair for TWCWG and ask how they are addressing this issue.

NOAA commented that they support this solution and add that this issue in the PS is the reason they are moving to a unified universal charting datum to use in all their S-100 products.

It was also stated that this has been sufficiently provided for in S-98.

Agenda Item 3.1 Alignment to S-100 edition 5.2.0

Some changes have been made by BSH in the exchange set. However, checks of the remaining document still needs to be made to verify alignment with S-100 ed. 5.2.0.

Information about changes in ed. 5.2.0 from previous edition can be found at the following link https://iho.int/en/draft-publications. In can also be found in *Summary of Substantive Changes*, Part 0.

For the work of alignment, a VTC meeting was scheduled on the 6 June, 1300-1500 UTC+2/CEST. This will also be a Google Meet hosted by the Chair. The PT can use the existing GitHub issue in the meantime to discuss the topic. The goal of the meeting is to have any still incomplete sections assigned and to set a deadline for the review.

A note from a member was to reference S-100 PS wherever possible rather than trying to copy text from it into the S-102 PS.

Agenda Item 3.2 Deadlines for S-102 PS edition 3.0.0

Highlighted on this agenda item was any dependencies for the PC. The FC was identified as a critical dependency.

There were some concerns raised by BSH that the timeframe is too tight. This is also feedback for HSSC16 from Germany. Chair stated that nothing else will be added besides what is already set before the PT today.

To mitigate the risk of not meeting the deadline for submission of the final ed. 3.0.0, using a PR in GitHub is not always needed. All commits are kept in history, so all changes are still traceable (even if commits are made directly to the Developing branch). It is faster and more efficient to make changes directly. However, to make sure changes are visible and shared with PT it was recommended to use tags for comments connected to the alignment to S-100.

It was concluded that nothing else will go in to S-102 ed. 3.0.0 besides what has been discussed during Topic 2 in this meeting. Chair will have weekly meetings with BSH to review open PR in order to reduce stagnation of PR-based decisions.

It was clarified that deadline for the draft of ed. 3.0.0 is by the end of May. The deadline for final ed. 3.0.0 is end of June. All deadlines can be found here CL43_2023_EN_v1.pdf (iho.int).

Chair has for action to send out an e-mail every two weeks to PT participants/members with (1) pending decision items (2) upcoming meeting dates.

Agenda Item 3.3 Review of discussion items as input to HSSC16 Report

This agenda item was omitted. The report can be found here: https://iho.int/uploads/user/Services%20and%20Standards/HSSC/HSSC16/HSSC16_2024_05.1A_Rev4_EN_S100WG-report_rev4.pdf

or here:

HSSC16 Meeting Page

Agenda Item 3.4 Review any actions needing assignment

This item was already discussed during Topic 2.

Agenda Item 4.1 Plan for Next Meeting

Next PT meeting (PT18) will be held on Monday 10 and Wednesday 12 June 1300-1600 UTC+2/CEST (VTC). The meeting page can be found here https://iho.int/en/s-102pt18-2024.

Agenda Item 4.2 Review minutes and actions

The minutes and actions for PT17 were presented by the Secretary.

Before the meeting was closed, Esri Inc asked for any S-102 v 2.2 datasets that they can use for testing. Brazil offered to create some sample datasets.

Chair thanked everyone for participating in the meeting and then closed the meeting.