

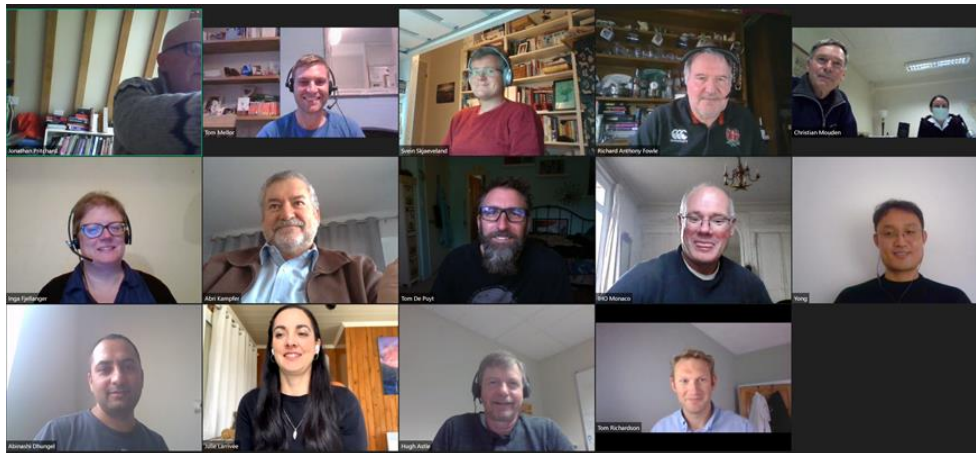
ENCWG – S-57 to S-101 CONVERSION SUB-GROUP

VTC MEETING, 07 SEPTEMBER 2020 – 1700 - 1830 CEST

Attendees

- Thomas Mellor (UKHO) - ENCWG Chair
- Jonathan Pritchard (IIC Technologies – Sub-Group co-leader)
- Christian Mouden (France - Sub-Group co-leader)
- Abri Kampfer (IHO)
- Yong Baek (IHO)
- Jeff Wotton (IHO)
- Julie Larrivée (Canada)
- Morgane Gaumet (France)
- Richard Fowle (Denmark)
- Andrew Richardson (UKHO)
- Svein Skjaeveland (Primar)
- Thomas Richardson (ic-enc)
- Inga Fjellanger (Navico)
- Tom De Puyt (Esri)
- Abinashi Dhungel (Esri)
- Hugh Astle (Teledyne)

Meeting photo



Agenda

- **Sub-Group Terms of Reference**

After an introduction by the ENCWG Chair, it was decided that the 2 phases goal of the Sub-group is to elaborate a documentation to the attention of the Hydrographic Offices that will:

1. Help the Member States preparing their existing S-57 ENC's for conversion to S-101. This includes identifying the possible conversion issues and improving the consistency of the existing S-57 ENC's so that the largest percentage of data be converted automatically. The plan is to produce a first version of this guidance within 6 months.

2. Help the Member States prepare their global data for conversion to S-101 in conjunction their own plans and rollout of S-101 during the transition period. This second item will be treated with a lower level of priority.

It is important that the final documentation brings major benefits to the Hydrographic Offices.

- **Common themes – mentioned by quite a few attendees**

1. It's a moving target – need to keep up with what's going on in other groups (mainly S-101PT, S-58 developments, the portrayal subWG and DCEG/FC subWG). We suggest an agenda item of "what's happening in the other subgroups that we need to know about"?
2. S-58 could be used (e.g. new warnings) to focus data on which S-101 conversion may be an issue. An annex could be elaborated in the next edition of S-58.
3. It is important to have a stable S-101 Feature Catalogue in line with the DCEG contents. The Sub Group should work on a "DCEG basis" and S-101 schemas.
4. Different Member States have different encoding preferences. It is important to capture where they may exist and allow for variations in encoding.
5. During the testing phase, the sub Group will probably identify issues (related to Encoding or Display) that will have to be reported to the S-101PT.
6. The participants agreed that all the tools available (conversion, validation, display) should be tested. A list of these tools will be available on the GitHub repository.
7. Validation is a key issue (S-101 schemas, FC, DCEG and back conversion to S-57).
8. It is important to note that S-57 for conversion is not S-57 for navigation. There should not be a negative impact on the mariner (e.g. by the abusive use of "INFORM" attribute).
9. General agreement for monthly meetings that will be visible on the IHO calendar.

- **Work Items List (provisional)**

1. What constitutes a cell which is "ready for conversion"?
2. Elaborate a mapping Dictionary with exact specifications.
3. Identify Edge Cases with textual descriptions and elaborate test data sets.
4. Need resources and guidance on how we will carry on the testing and use the tools.
5. Drafting, Assembling and Reviewing group outputs.

- **Actions**

1. Setup a GitHub repository within the IHO/ENCWG area. Might need collaborator status for the co-chairs so we can add files etc. (@Yong Baek).
2. GitHub setup – probably JP/CM – work out an initial structure for the Github (next meeting needs a little tour of the repository so participants can see what's there.)
3. IC-ENC canvas members for volunteers, remind them group is working and if they want to either help or are willing for some of their data to be analysed and used for testing.
4. Primar (Svein), similarly, to publicise group's activities, goals and ask for data and assistance

5. Tom Mellor to promote the Sub Group at next HSSC and ask if more Member States or OEMs can be brought in.
6. Next Meeting Plan? (@JP/CM – this is to be after HSSC). A few suggestions:
 - a. GitHub repo structure/tour and how to use it
 - b. Any updates from other subgroups? Maybe a quick summary of the DCEG/FC work and significant portrayal items?
 - c. Work Item List
 - d. Presentation offers from KHOA on existing test data. JP will also present S-64 test datasets (and plans for S-64) and the initial test case list. Perhaps TR could focus on S-58 and how we can use it?