

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

VTC MEETING 6, 29 APRIL 2021 – 1700 - 1900 CET

- **Attendees**

- Jonathan Pritchard (IIC Technologies - Sub-Group co-leader)
- Christian Mouden (France - Sub-Group co-leader)
- Jeff Wootton (IHO Secretariat)
- Yong Baek (IHO Secretariat)
- Kazufumi Matsumoto (IHO Secretariat)
- Julie Larrivée (Canada)
- Elizabeth Hahessy (Denmark)
- Richard Fowle (Denmark)
- Andrew Richardson (UKHO)
- Megan Bartlett (NOAA)
- Mikus Ranka (LINZ-NZ)
- Robert Nyst (HSO-Canada)
- Tomonori Hattori (Japan-JODC)
- Herman Schouten van der Velden (Netherlands)
- Annette Hey (BSH)
- Klas Östergren (Sweden)
- Odd Foere (Norway)
- Svein Skjaeveland (Primar)
- Susan Marks (ic-enc)
- Inga Fjellanger (Navico)
- Tom De Puyt (Esri)
- Hugh Astle (Teledyne Caris)
- Friedhelm Moggert-Kaegeler (SevenCs)
- Cameron Mc Leay (Teledyne Caris)

- **Agenda**

- This 6th meeting was exclusively dedicated to discuss on comments made on Sections 1 and 2 of the S-57 to S-101 Conversion Guidance document Edition 0.0.1. It has been recognized that these sections are the most difficult to write, as they define the very content of the document.

- **Conversion Document**

- Jeff has gathered the comments (except Inga's) received from the Sub-group participants in a consolidated comment sheet (added on the Github).
- Conversion document draft Edition 0.0.2 on the Github.
- Clause 1.1 is very important as it is where the goals of the document will be explained. This clause must give the reader clear information on what guidance is provided (and maybe what is not). It has been decided to add 1 or 2 sentences in 1.1 explaining that objects geometry or attributes that do not convert directly, will be given detailed explanation in the section of the document dealing specifically with the concerned object.
- It was decided to form a group of volunteers to work (by correspondence) on the following items:

Use of language: Jeff clearly explained when the terms “Must/Should/May” are used in IHO standards. These are not used to give instructions to the Data Producer on what information is to be encoded, as this is of their own responsibility. This is why, in the UOC and DCEG, those 3 terms are always preceded by “If it is required to encode...”. The same policy will be retained in this Conversion document.

Wording for “conversion”: The Sub-group seemed to agree to use the “converted to” throughout the document. Annette is of the opinion to distinguish between “copy” and “convert”.

Converters and customization: How far can we give guidance on this? (it seems important to add guidance, but it should not be “converter specific”). Hugh proposed that recommendations such as: “Encode INFORM such as “...” might be a solution. Tom (ESRI) is of opinion that This document helps identify use cases for the converter to implement. How it gets implemented is up to the converter.

- A long discussion took place for 2.1.1 on what do we want the converters to do when an S-57 object (ex: M_HOPA) or attribute (ex: NATQUA on LNDGRN) have no equivalent in S-101. The discussion has continued via correspondence. *An issue #8 – M_HOPA has been created on the Github.*
- For M_HOPA, it was decided to contact the RENCs to see how many HOs use M_HOPA. *Post-meeting, Svein informed that Primar database has 100 ENCs (on a total of 17374) from 2 different producers where M_HOPA has been encoded (0.58%).*
- The Sub-group agreed to submit clauses 2.1.1 to 2.1.3 (datums) and 2.1.5 (dates) to Holger Bothien (SevenCs) for review.
- Changing of datum (of S-57 data to fit with allowed values in S-101) and possible effect on the data underneath (ex: VERCLR): the Sub-Group decided to ask the RENCs if they can investigate. *An Issue #9 – Datums has been created on the Github.*

- **Github**

- The Github has been updated with new documents and 2 new issues.

- **Other**

- Tom (ESRI) informed that there will not be other public release of their converter

- **Next meetings**

Next meeting to discuss on end of section 2 + Issues on the Github.

Participants are encouraged to continue providing comments on section 2 (from clause 2.1.8 onwards) and section 3.

Next meetings: (all at 1700-1900 CEST (1500-1700 UTC; 1600-1800 BST):

- 12 May
- 27 May