NCWG Baseline Symbology Project Team

Video Conference (VTC) Meeting - 2

14 December 2021 - 12.00 to 14.00 UTC.

MEETING PROTOCOL

Meeting participants are kindly requested to note the following meeting protocols;

- Please keep your camera and microphone turned "**off**" if you are not talking .

- If you want to make an intervention, **turn your camera and microphone on and, raise your hand** to indicate that you wish to speak.

- Kindly ensure that you turn your microphone **"on"** before speaking, and **"off"** when finished.

- Please use the **"Chat"** function to communicate any text information to the meeting.

NCWG 5
- Disscussed issues pertaining to the automated production of paper charts directly from ENCs.
- Need for a common IHO baseline for symbology (rule based) agreed.
- Recommendation to HSSC to add work item to NCWG Work Plan.

HSSC 12
- Report on the Future of the Paper Nautical Chart – presented and recommendation made to add new work task.
- The FOPNC report discusses the background behind the recommended action in greater detail.
- Resulted in Action HSSC12/36 : HSSC tasked the NCWG to add a work item in its work plan to develop ways to enable or enhance HOs' ability to produce paper charts or raster chart images directly from S-101.[The goal is to create a 'Common IHO Baseline Symbology' including basic symbol sets and rules.]
- New Work item Added to NCWG Work Plan:

E11	Develop baseline symbology to support automated chart production	H	NCWG6 – discus and agree work tasks	2020		P		INT1, S-4	New proposal by NCWG at HSSC12

NCWG 6
- The group discussed the issue and how best to approach the task.
- Decided to establish a seperate project team to look further at the issue and develop a mandate.

Action 6/1 – Members interested in joining baseline symbology VTC meeting should contact the contact chair, then subsequently arrange a meeting date and develop a mandate.

Objective

Develop Baseline Symbology to support automated chart production

- It is acknowledged that the issue is extremely broad in scope therefore the objectives of this first VTC meeting are to:
    - Clarrify the problem and establish a Clear objectives
    - Establish a mandate for the project team
    - Focus on :
        - Development of a common set of symbols and portrayal rules
        - Support of automated paper chart back-ups.
        - Links to other S-100 Products.

Terms of reference Review

International Hydrographic Organization

Develop Baseline Symbology to support automated chart production

Mandate:
a)   Establish a common IHO symbology, based on a streamlined INT1 library, that can be used to support of more automated paper chart products/printable ENC's,etc.. create and produce paper charts directly from S57 and S101 data.
A common symbology library will help hydrographic offices (HO's), private industry, developers and others, to view ENC data and facilitate direct creation of ENC derived products more efficiently and

quickly, as the look and feel should be the same for all.

Terms of reference Review

Objectives

a) Focus on :

(i) Development of a symbol library comprising a common set of symbols (in .SVG format) and related portrayal rules.

(ii) This will be in support to help with the automated creation of paper chart/printable ENC, etc.. back-ups.

(iii) Liaison with the S-100 Working Group as required. Review the development of S-100 based product specifications that might require new symbolization, assess requirements and provide guidance to help with the development of new baseline symbology.

b) Review and monitor the development of the symbol library.

c) Submit the INT1 SVG symbol library, compatible to the requirements of IHO S-100 based product specifications, to the IHO Geospatial Information Registry.

Next Step

BSPT - Workplan for HSSC 2022

Next meeting: VTC 3 - 19 January 2022 @ 1200 UTC

    a. **Workplan template to be submitted to PT and reviewed.**
    b. **Submission and acceptance by NCWG (end of January 2021)**
    c. **NCWG to submit the BSPT- Workplan to HSSC**
    d.