

Update on the development of S-130

Submitted by:	Secretary-General IHO / Chair HSSC
Executive Summary:	During the current reporting period the S-130PT continued its work focusing mainly on the outcome of the initial implementation of S-130 Edition 1.0.0 and development and initial tests of the S-130 sample datasets and their impact on the S-130 Product Specification.
Related document:	Action C7/15 Decision A2/25 Decision HSSC16/90, 16/91

References

- A. HSSC16-05.10A Report of the Polygonal Demarcations of Global Sea Areas Product Specification (S-130) Project Team

Introduction/Background

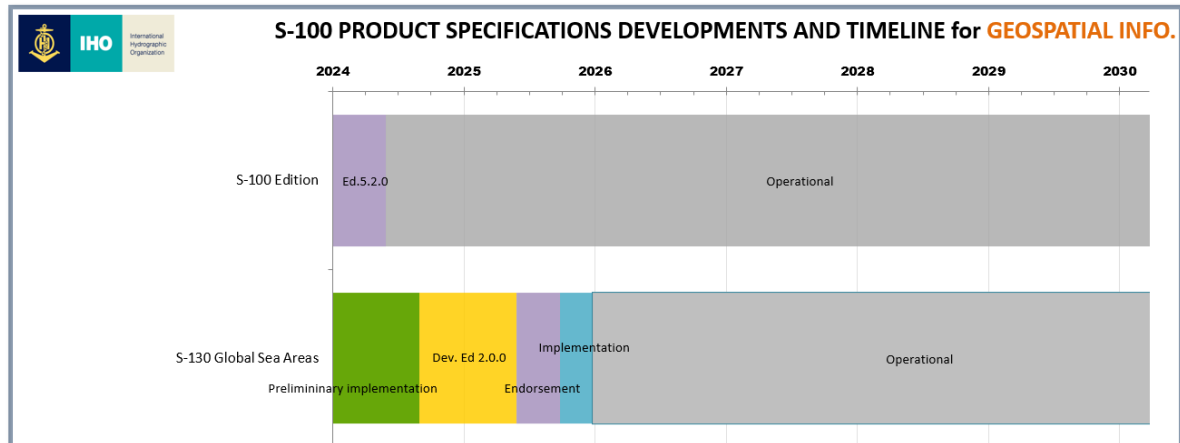
1. During the current reporting period, the S-130PT held one hybrid meeting and two remote meetings, focusing mainly on the outcome of the initial implementation of S-130 Edition 1.0.0 and development and initial tests of the S-130 sample datasets and their impact on the S-130 Product Specification.
2. Sample datasets were produced for the Baltic Sea, the Southern Ocean and parts of the North Atlantic and discussed by the S-130PT, leading to substantive semantic changes to the Application Schema and the development of a draft Edition 1.1.0 of the S-130 Product Specification.
3. The geographic coordinates of vertices were taken out of INT charts and ENCs as the reliable sources for conversion of textual description of locations for the S-130 authoritative dataset.

Analysis/Discussion

4. The work on the sample data sets helped to identify and solve most of the deficiencies of the Edition 1.0.0 and the subsequent Edition 1.1.0. It is expected that the remaining problem of the representation of MultiPolygon geometry can be solved over summer and the S-130PT will be able to approve Edition 1.1.0 and start to work on the operational Edition 2.0.0 in autumn this year.

Recommendations

5. The Chair of the S-130PT in consultation with the Secretariat proposes the following timeline for the development and implementation of S-130 Edition 2.0.0 based authoritative dataset.



Justification and Impacts

6. The finalization of the task is a combination of the work of the S-130PT and the technical support to create the geographic coordinates rendered by the IHO Secretariat and Flanders Marine Institute (*VLIZ*), Belgium under contract. The contract costs are covered by the IHO Special Projects Fund.

Action Required of the Council

7. The Council is invited to:
 - Take note of the report, including the proposed timelines endorsed by HSSC for further activity of the S-130PT.