

Title

Submitted by CSBWG-HO Subgroup

SUMMARY

Executive Summary: This document provides details on hydrographic office issues related to Crowd Source Bathymetry as discussed by the CSBWG-Subgroup.

Action to be taken: IHO-CSBWG

Related documents: B-12; *CSBWG14 2023 Challenges accessing IHO-DCDB CSB*

Introduction/Overview

1. The subgroup composed of five member states, met three times to discuss issues. While there are many issues it was felt that ease of data accessibility was the primary issue within the scope of the sub-group and from which other issues were dependent. The Sub-group efforts were mainly focused on identifying opportunities to improve the interface between DCDB and the HO.

Discussion

2. National CSB Policy is needed to direct HO's attention to CSB.
3. Automation is necessary for data volumes to be accessed and fed into assessment tools.
4. CSB is just one kind of 3rd party data that HOs need to assess for hazards.
5. Managing CSB data is a challenge if unclear what data has been already assessed.
6. QA processes and standards are downstream issues to be dealt with later. Some tools exist to compare against ENC products for NAVWARN.
7. Licensing is still an issue for contributor, custodian and user. Does minimal manipulation of the data resolve the attribution and ownership issue?
8. Should all data go through the HOs for assessment before being approved for DCDB?
9. Vessel metadata: credibility score to help prioritize or platform epoch metadata for changes over time?
10. Group decided to prioritize focus on DCDB accessibility and powerpoint presentation: *CSBWG14 2023 Challenges accessing IHO-DCDB CSB datav4 .pptx*

Recommendations

11. Improve access to IHO-DCDB data and B-12 aligned metadata through automated means.
12. Engage hydrographic offices to develop, prioritize and test improvements and enhancements.

Action

13. The CSBWG is requested to:
 - 1) Note the information provided;

- 2) Consider future tasking of the subgroup or other group regarding a) IHO-DCDB testing and enhancement, b) hydrographic quality assurance processes, c) licensing, d) standardizing portrayal of CSB to mariners; and
- 3) Take any other actions, as appropriate.