

Report of the Crowdsourced Bathymetry Working Group to IRCC10

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CSB Working Group Task

The CSBWG is tasked by the IRCC to develop a draft IHO publication on policy for trusted crowdsourced bathymetry (CSB) data.

This document will provide *guidelines on the collection and assessment of CSB data* for inclusion in the global bathymetric data set which is maintained in the IHO Data Centre for Digital Bathymetry (DCDB).



Progress on IRCC Action Item

A first draft of the Guidance Document was completed and made available via the IHO website to the public in 2017.

The final draft version of the B-12 Guidelines were made available via the IHO website prior to IRCC10.

Subject to the endorsement of the IRCC, this will be followed by consideration by the IHO Council-2 and submitted for adoption by the IHO Member States towards the end of 2018.



Guidance on Crowdsourced Bathymetry



Actions requested of IRCC

- a) Note the contents of this report;
- b) Circulate the draft CSB GD for formal consultation with IHO Member States and relevant stakeholders; **(endorse CSB GD)**
- c) Encourage IHO Member States to *release datasets* or subsets into the public domain via the IHO DCDB;
- d) Request IHO Member States *state their policy on data gathering restrictions within their maritime areas of jurisdiction* to enable CSB activities to be undertaken;



Actions requested of IRCC

- e) Request IHO Member States to *support the CSB initiative* with positive actions, such as requiring all research vessels collect bathymetric data for late uploading, when on passage or when it does not interfere with other research activities;
- f) Request the IHO to support (?) a scaled trial of CSB data collection as a follow on to earlier pilot programs.
- g) Approve the proposed revisions to the ToRs and RoPs;
- h) Reappoint the WG to continue its work under the proposed revised ToRs; and
- i) Take what other action is deemed necessary.



Changes to ToRs

- a) Maintain the IHO publication *B-12 – IHO Guidelines on Crowdsourced Bathymetry*.
- b) Investigate and highlight ways to *increase data contributions and incentives* on how and why mariners should become involved.
- c) *Identify potential uses of CSB* by HOs and investigate how it can be portrayed, with examples and useful land equivalents;
- d) Provide guidance on data quality and standards for CSB in liaison with appropriate IHO Working Groups;



Changes to ToRs

- e) Liaise with other IHO bodies involved with, and potential users of, CSB data, such as GGC, MSDIWG, DQWG and HSPT;
- f) Monitor Member State and Regional progress regarding development of best practices and CSB initiatives; and
- g) Liaise with the IHO Data Centre for Digital Bathymetry (DCDB) as it continues to develop technology to collect and distribute CSB to the public.

