Crowdsourced Bathymetry Update

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IHO International Hydrographic Organization

BSHC-25

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BALTIC SEA HYDROGRAPHIC COMMISSION

Topics in the presentation to BSHC 25 online meeting 2020:

- IHO Crowdsourced Bathymetry Initiative
- The Value of CSB Data
- IHO CL 11/2019 - “Call for approval of edition 2.0. of IHO publication B-12”
- IHO CL 21/2020 - The IHO encourages member states to review CL 21/2020 and, if possible, offer a positive response by the requested deadline of 4 September.
- CSB Contributors
- Seabed 2030-funded CSB Field Trials
- Status on IHO CSB Working Group members (Denmark and Finland) and next meeting
- CSB Commercial data collection, provider and user communities
- CSB/Seabed 2030 Ambassador
- How to Contribute Data

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IHO CL 11/2019 **Annex B**

"ACCEPTANCE OF CROWDSOURCED BATHYMETRY ACTIVITIES IN NATIONAL WATERS OF JURISDICTION"

- 15 IHO MS replied "positive"
  - CL 47/2019 provides a summary analysis of positive responses (Canada not listed) **==>**
- The DCDB will filter out CSB data collected from the waters of all coastal countries not included on the positive list.
- The initial results showed two things:
  - The CL ask was not clear
  - There is a lot of work to do to convince nations of the value and importance of CSB

Summary analysis of positive responses

1. Based on the comments received to the questionnaire in Annex B to IHO CL 11/2019, the following table will be published as the Positive List to guide potential data gathering activities undertaken by the wider maritime community in waters of national jurisdiction:

Member State	Area	Specific actions required
Argentina	EEZ only	Provide copy of dataset to Hydrographic Office
Brazil	EEZ only	Provide copy of dataset to Hydrographic Office
Cyprus	All waters	Provide copy of dataset to Hydrographic Office
Denmark	All waters	Inform Hydrographic Office of any variance with published chart
Georgia	All waters	Provide copy of dataset to Hydrographic Office
Germany	All waters	Inform Hydrographic Office of new dataset
Monaco	All waters	Provide copy of dataset to Hydrographic Office
Netherlands	All waters	Inform Hydrographic Office of new dataset
New Zealand	All waters	Inform Hydrographic Office of new dataset
Norway	All waters – no multibeam activity without prior permission	Inform Hydrographic Office of new dataset
Philippines	Shipping routes and transit passages only	None
South Africa	EEZ only	Provide copy of dataset to Hydrographic Office
Sweden	EEZ only	Inform Hydrographic Office of new dataset
USA	All waters	None

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Recommendations to BSHC:

The BSHC26 is invited to:

a. Note the report;

b. Discuss the status of CSB from a national perspective

a. Is CSB and CSB data used nationally?

b. If no what are the national barriers for the use of CSB

c. What is needed to be arranged/changed in order to support the use of CSB

d. Would it be possible to use CSB data by GEBCO to improve the GEBCO grid?

e. Would it be acceptable for the CSB data to be stored in the IHO DCDB?

c. Take any other action as appropriate.