

**Subject:** e-HCA Letter 01/2021 - Data Request for the Compilation of the 2nd version of IBCSO

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**Date:** 2/23/2021, 2:31 PM

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**CC:** Boris Dorschel <boris.dorschel@awi.de>, Mathias Jonas <mathias.jonas@iho.int>

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Reference: [Action HCA16/14](#)

Dear HCA Members and colleagues,

Following exchanges the IHO HCA Secretariat had with Dr Boris Dorschell, AWI (HCA Observer), this e-HCA Letter 01/2021 invites you to consider the possibility of providing data for the compilation of the 2nd version of the International Bathymetric Chart of the Southern Ocean (IBCSO). In particular, data extracted from ENCs soundings and contour lines would be much appreciated if not provided yet as original survey data.

## IBCSO Ver.2 Data Requirements

### 1. data coverage

- IBCSO Version 2 covers the area south of 50°S. To avoid edge effects, our data extents from 48°S to 90°S. IBCSO Vers. 2 will have a **500 m** resolution with a polar stereographic projections (EPSG: 9354).

## 2. data requested

- ideally, IBCSO team would like processed full resolution soundings plus meta-data. Minimum meta-data information is: type of data (e.g. multibeam, singlebeam, lead line...), platform (call sign), campaign, date, institution, responsible person, terms and conditions of use (e.g. minimum resolution, citation...). If meta-data are not available, the IBCSO team is still interested in the data. Preferably, data can be either xyz or any raw format but other formats are welcome as well.

- in the case, data are extracted from ENCs, any CATZOC value is accepted, but please add this information in the meta-data. Same for any other S-44 compliant survey: assessed data quality meta-data would be appreciated.

## 3. deadline

- End of April 2021 for IBCSO Vers. 2 but open end for subsequent versions.

## 4. conditions of use, and re-use, copyright, disclaimer notice if any

- All data contribution will only be stored locally at AWI on a secured local network space solely for the production of IBCSO. Provided data will not be distributed outside the IBCSO team at AWI unless distribution is explicitly specified in a data usage description that accompanies the data contribution. Individual tailor-made data usage agreements between data contributors and IBCSO/AWI can be arranged.

- IBCSO Vers. 2 will be publicly available on the GEBCO, Seabed2030 and SCAR web sites. IBCSO products are: an open access scientific peer-reviewed publication, a map as printout and digital, the IBCSO map and grid in 500m resolution. The grids will be permanently stored open access in the PANGEA data repository under CC BY license. The IBCSO publication and the IBCSO products will be provided to the HOs. The products are, however, not to be used for navigation purposes.

## 5. submission form

- data can be provided in all thinkable ways (ftp download, mailed hard drives, dropbox links...), in any format.

- contact: Dr Boris Dorschel ([boris.dorschel@awi.de](mailto:boris.dorschel@awi.de))

## 6. reporting

- grateful, if you could keep the HCA Secretariat informed of your intentions or involvement in IBCSO ver. 2. To be reported in your national report for HCA-17 anyway.

For your consideration.

Best regards,

For Dr Mathias Jonas, Secretary-General of the IHO and HCA Chair,  
Yves Guillam, HCA Secretary

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