Status Report on IHO HCA-GIS

April 2024 IHO Secretariat



- HCA-GIS visualizes various hydrographic data and metadata around the Antarctic region.
- IHO Secretariat maintains and improves it.
- Some information is from MS, and MS's contribution is essential.
- See the "Guidebook for HCA-GIS dataset" for details.
 - The link : <u>https://iho.int/en/hca-miscellaneous</u>
- These datasets are utilised in "Quantarctica" run by Norwegian Polar Institute
 - Quantarctica is planned to be upgraded from Version 3.2 to Version 4,
 - New scientific data will be included in Version 4,
 - This will be presented at the SCAR (Scientific Committee on Antarctic Research) Open Science Conference 2024 this August.



Report on Decisions/Actions from HCA 18

• HCA18/27

HCA Members to supply survey metadata to HCA GIS, through or cc HPWG chair, using the formstack online submission process (Permanent).

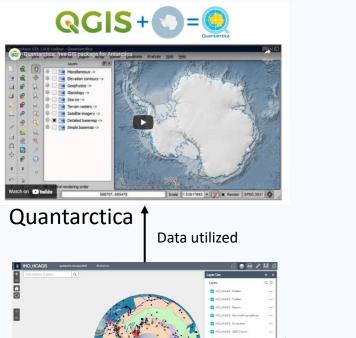
Status:

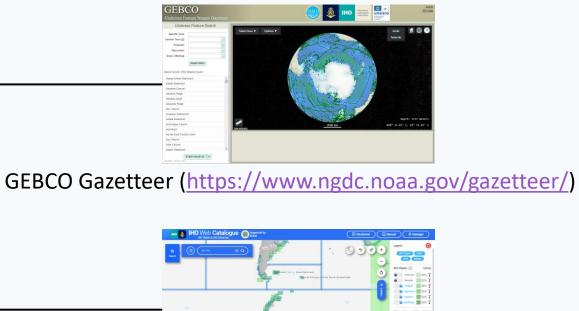
- ✓ Metadata of survey area provided by <u>ROK, Chile, Spain, Türkiye and UK</u> since the launch of the Formstack.
- ✓ IHO Secretariat updated some information (GEBCO undersea features, coverage of INT chart and ENC)
- ❑ HCA GIS and related information: <u>https://iho.int/en/hca-miscellaneous</u> (includes the online form for submission – <u>formstack</u>)

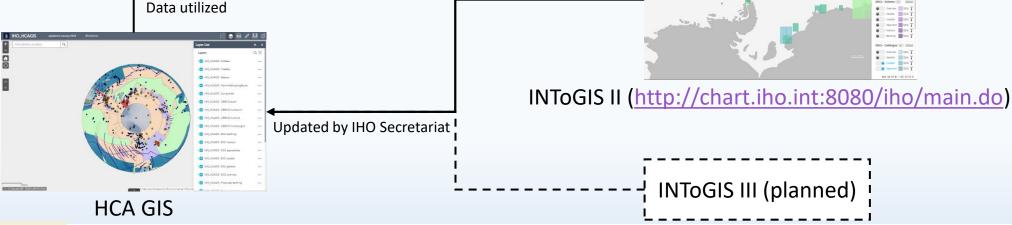


Current situation

• Steadily operated









HCA 19, Venice, Italy, 15 – 18 April 2024

Actions Required for HCA 19

- Note this report
- Submit the latest information to the IHO Secretariat (ESRI Shapefile is preferable)
- Follow the format (attributes of layers) as much as possible on submission
- **Discuss** what improvements are necessary

