



19th Conference of the IHO Hydrographic Commission on Antarctica

Colombia National Report (HCA Member State)



Dirección General Marítima
Centro de Investigaciones Oceanográficas e Hidrográficas del Caribe

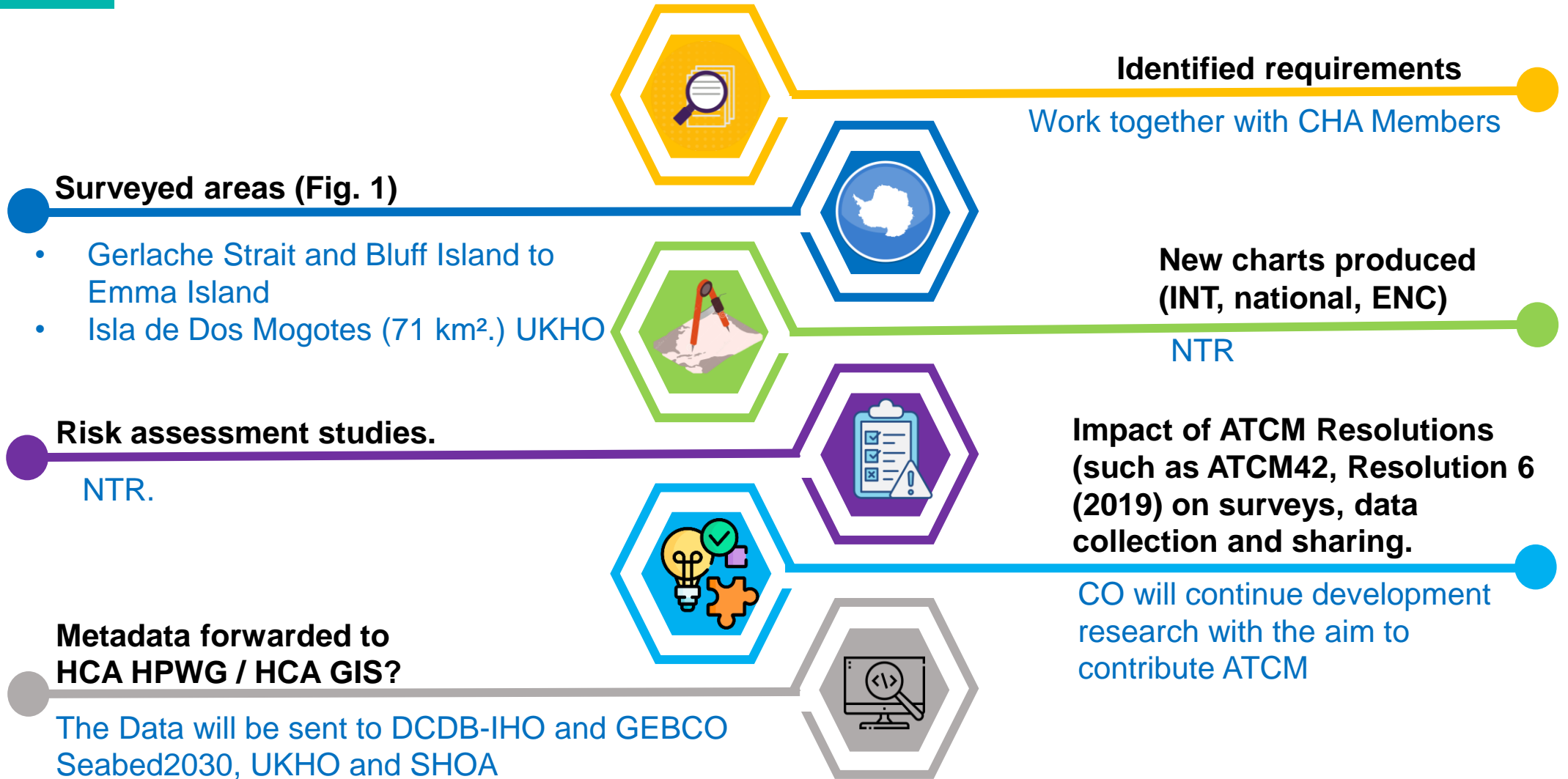
HCA-19, Venice, Italy (hybrid), 15 – 18 April 2024



IHO

Surveys and charting progress in Antarctica since HCA-18 (May 2022)

International Hydrographic Organization





IHO

Study Area - Research Support

International
Hydrographic
Organization

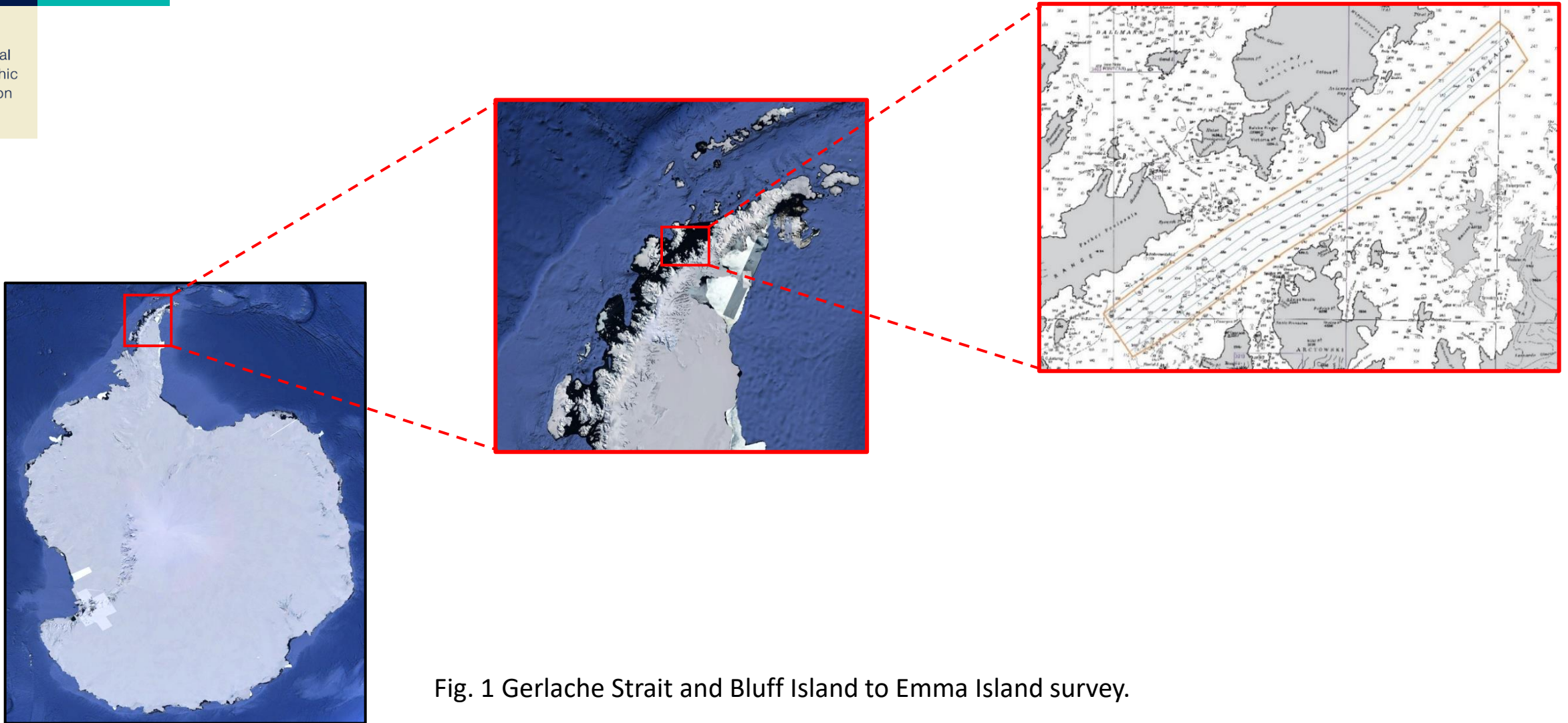


Fig. 1 Gerlache Strait and Bluff Island to Emma Island survey.



IHO

Relations with Other Organizations

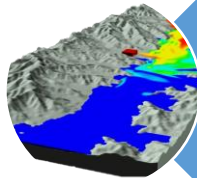
International
Hydrographic
Organization



Scientific and polar institutes→ There is no direct relationship, but in the X Expedition close collaboration has been received from: Ecuador, Chile, United Kingdom and Ukraine.



Cruise vessels→ ARC Simón Bolívar, a scientific-marine research vessel built in Colombia, had an outstanding performance in the 10th CO Expedition.



Hydrographic data received from other organizations→ Navigational and tidal information from the Chilean Navy.



Seabed 2030→ CO collaborates in the development of this project.



IHO

Planned Activities for 2024-2025

International Hydrographic Organization

Priorities.

In hydrography: Analysis of area surveyed. In other researches: books, articles and papers for share with all.

New surveys, coordination with other bodies.

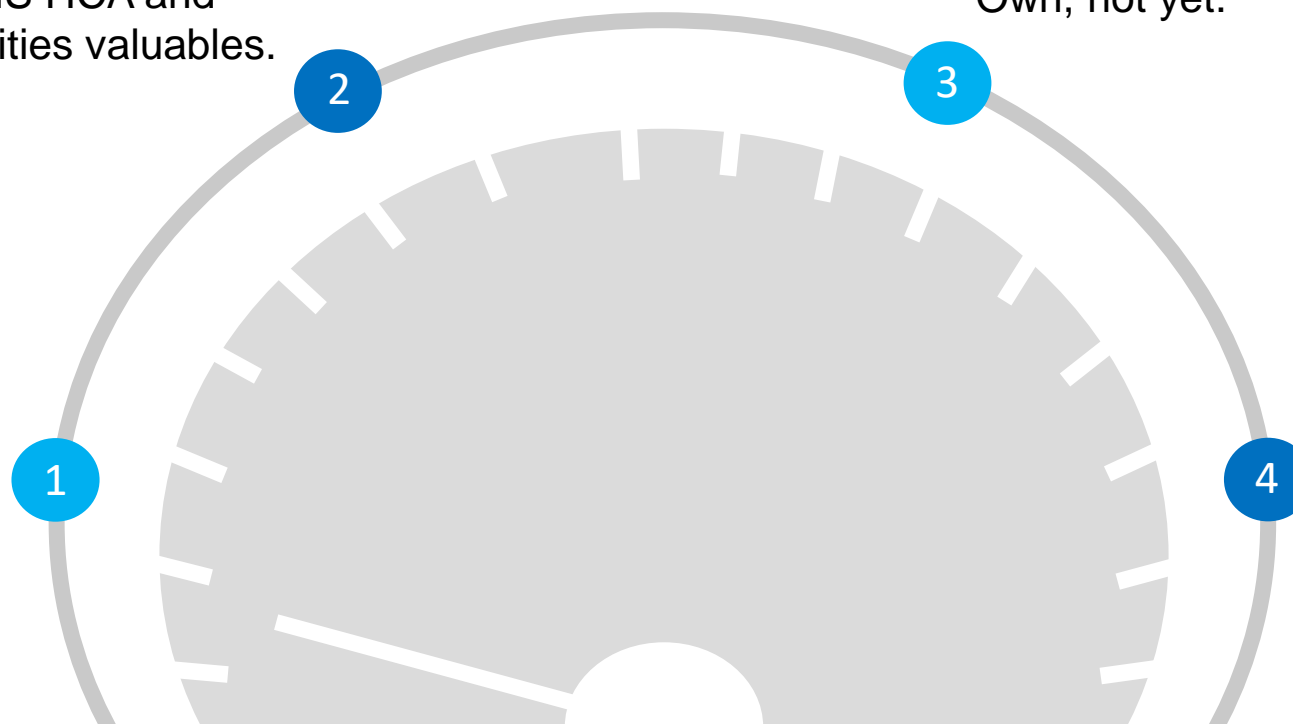
With GIS HCA and capabilities valuables.

New charts.

Own, not yet.

Plans for a coordinated development of S-100 products and Electronic Navigational Data Services (ENDS) in the region*.

Not yet. Available to work with others MS as apprentice.



2024

2025

**See WENDWG14 List of Decisions and Actions*

HCA-19, Venice, Italy (hybrid), 15 – 18 April 2024



IHO

Other matters of relevance to HCA, particular issues that may require HCA consideration and/or may need to be reported to IRCC

International
Hydrographic
Organization



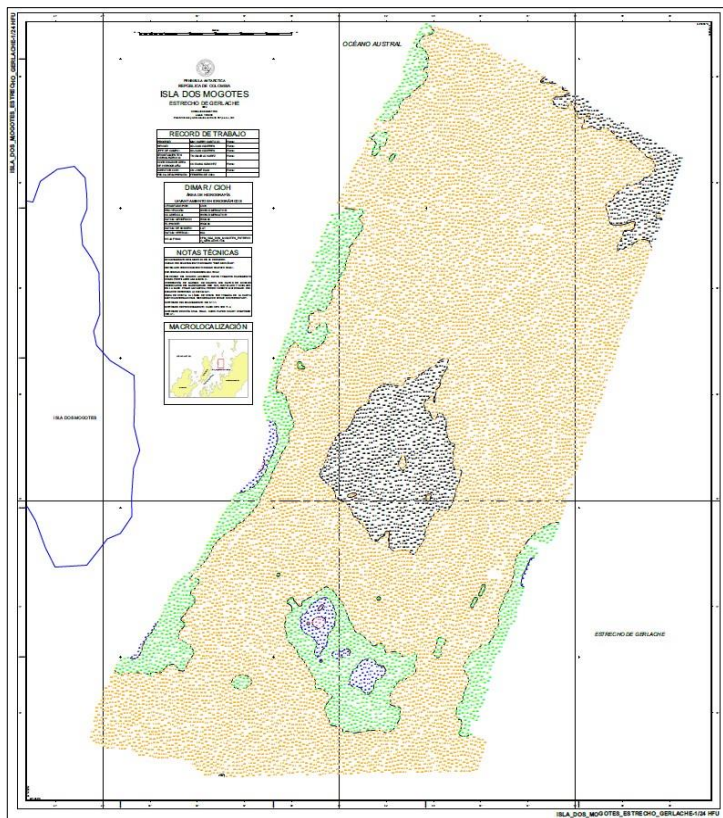
Matters of relevance:

- Activities in relation to climate change→ [Oceanographic and Meteorological Research](#).
- Initial inputs for discussion under HCA-19→ [agenda item 8.1 \(revision of the Strategic Plan in relation to HCA activities\)](#).
- Participation envisaged in ATCM-46, Kochi, India→ [CCO](#).

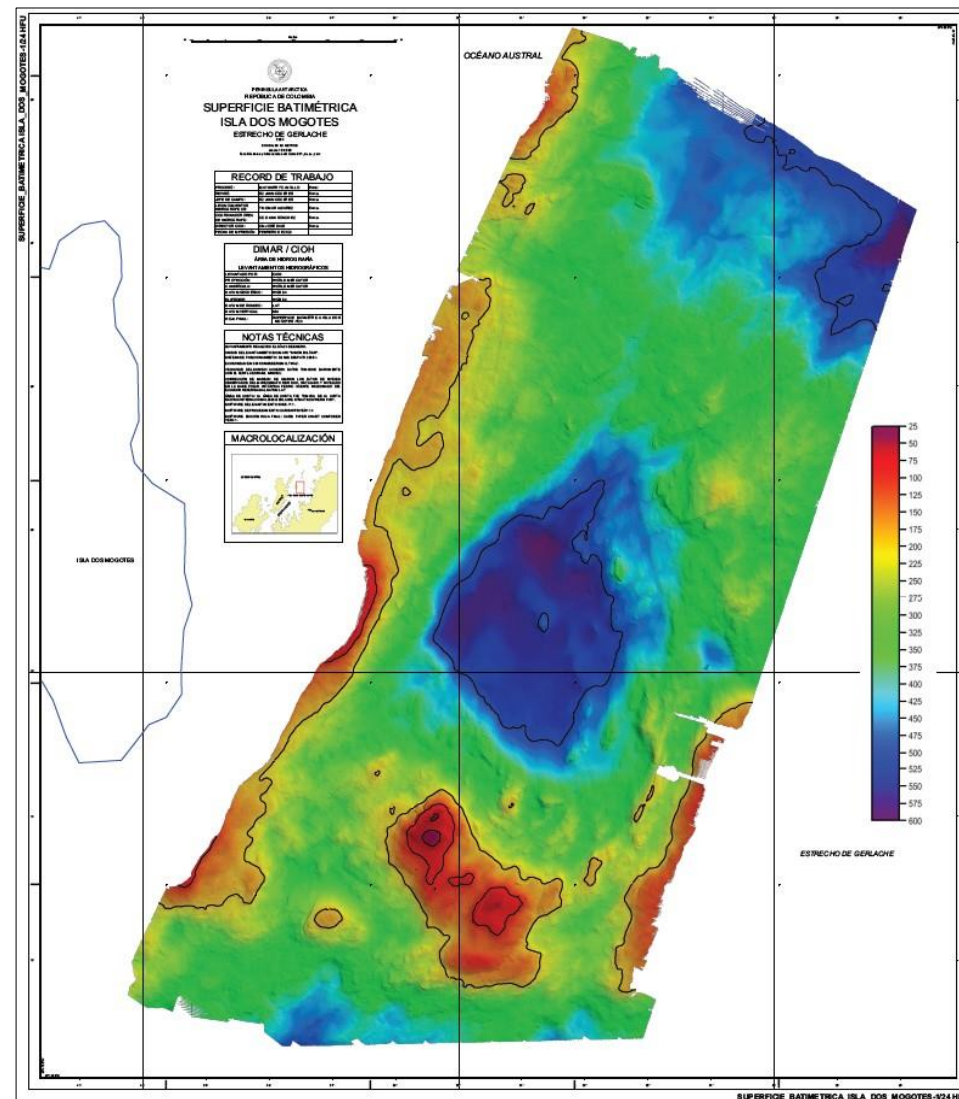
Recommendations and actions to be considered:

- CO hopes to continue working with MS HCA in researches contributing with the environmental preservation.
- MS are welcome to work with CO.





Lines covered: 41 MNL.
Cover area: 71 Km2.
Survey: 1A according S44 OHI.





IHO

Our Vessel made in Colombia

International
Hydrographic
Organization



HCA-19, Venice, Italy (hybrid), 15 – 18 April 2024