



19th Conference of the IHO Hydrographic Commission on Antarctica

National Report of Brazil

Agenda item 07.2Ac

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



IHO

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

- ✓ Brazilian Antarctic campaigns: OPERANTAR XLI(2022-2023) and XLII(2023-2024)
- ✓ Bathymetric surveys south of King George Island in the Bransfield Strait, in the region for the planned INT Charts 9151 and 9152 (scale 1:200,000).



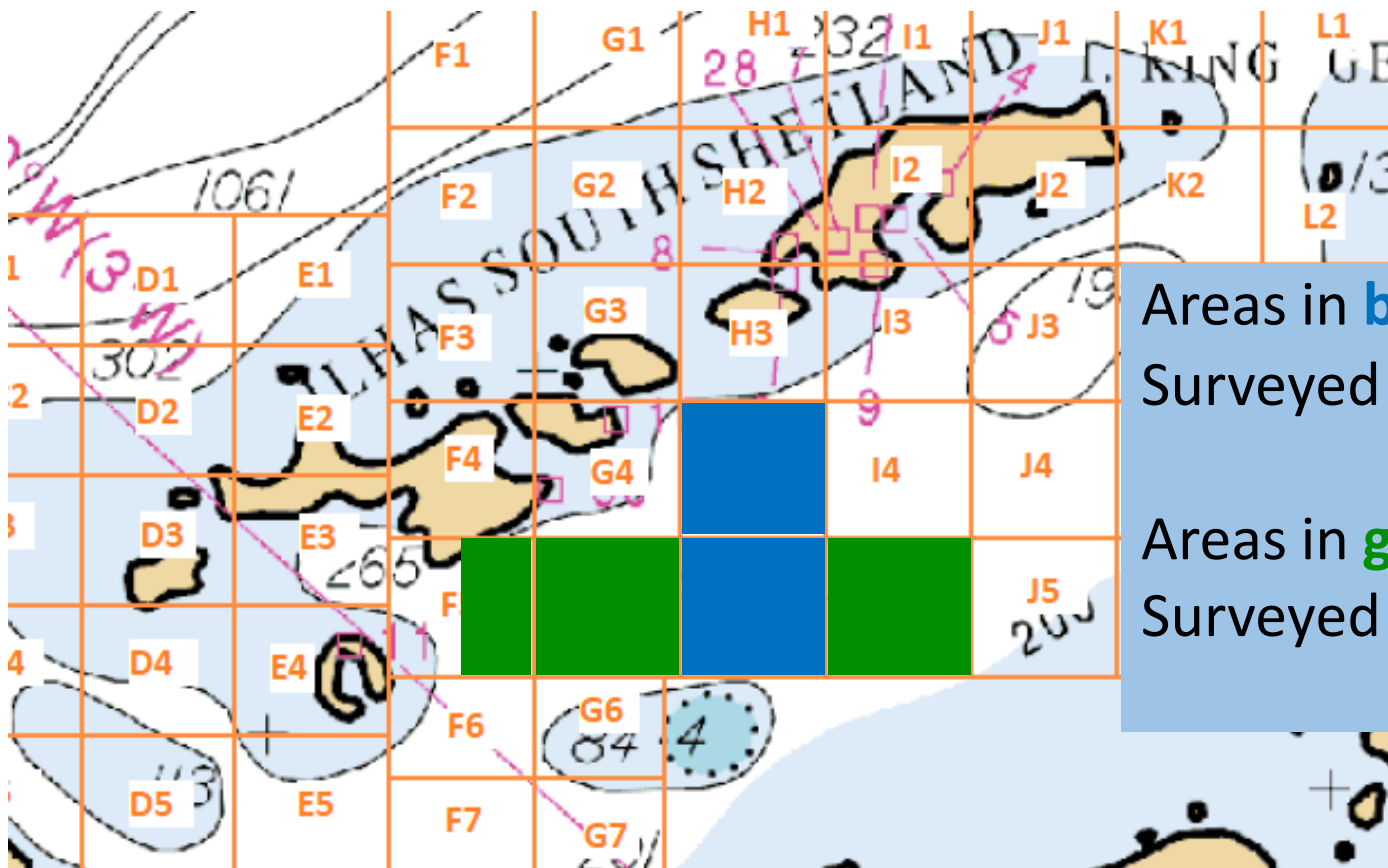
HCA-19, Venice, Italy (hybrid), 15 – 18 April 2024



IHO

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

International Hydrographic Organization



Areas in **blue**:
Surveyed in the 2022- 2023 campaign.

Areas in **green**:
Surveyed in the 2023- 2024 campaign.



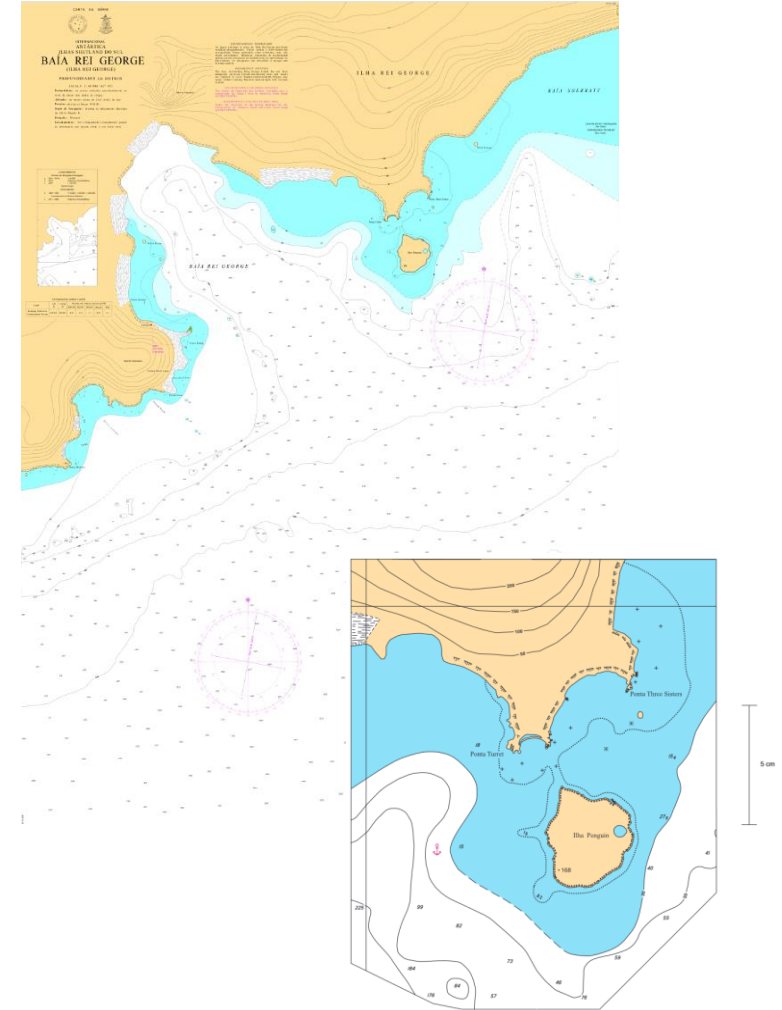
IHO

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

International
Hydrographic
Organization

The following nautical charts were updated:

- ✓ INT Chart 9126 (25120) - Aug 2022
- ✓ ENC cell BR425119.001 – 23Aug2022
- ✓ ENC cell BR425120.000 – 23Aug2022
- ✓ ENC cell BR425120.001 – 05Sep2022



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



IHO

Relations with Other Organizations

International
Hydrographic
Organization

- ✓ Scientific and polar institutes: Inter-ministerial Commission for the Marine Resources (CIRM) that coordinates the Brazilian Antarctic Program (PROANTAR).
- ✓ Hydrographic data received from other organizations: UKHO.
- ✓ Hydrographic data provided to other primary charting authorities and/or GEBCO: SHOA/CL and GEBCO.
- ✓ Cruise vessels: currently, the Brazilian Navy has two polar vessels, operated by the Directorate of Hydrography and Navigation. Brazil will build a new polar vessel that is expected to make its first Antarctic campaign in 2025.

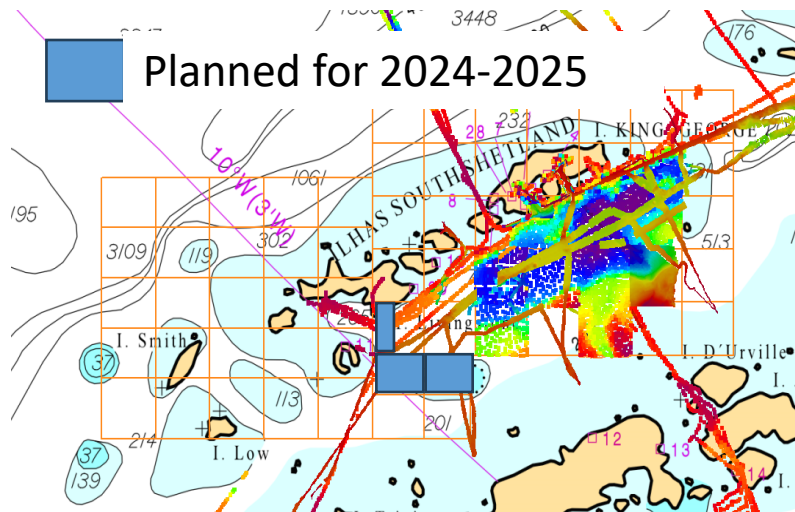


IHO

Planned Activities for 2024-2025

International
Hydrographic
Organization

- ✓ Bathymetric surveys in the Bransfield Strait to support the production of the planned INT Charts 9151 and 9152.
- ✓ Polar Ship Almirante Saldanha inaugural campaign in 2025.
- ✓ S-100 products and Electronic Navigational Data Services (ENDS) in the region are intended to start production in 2026 with S-101 ENC



Polar Ship Almirante Saldanha inaugural campaign

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

- Brazil intends to attend ATCM-46
- **Recommendations, Actions to be considered by HCA:**
 - Take note of this report