



18th Conference of the IHO Hydrographic Commission on Antarctica

National Report (CHILE)

Agenda item 07.2A

HCA-18, Berlin, Germany (hybrid), 24 – 26 May 2022

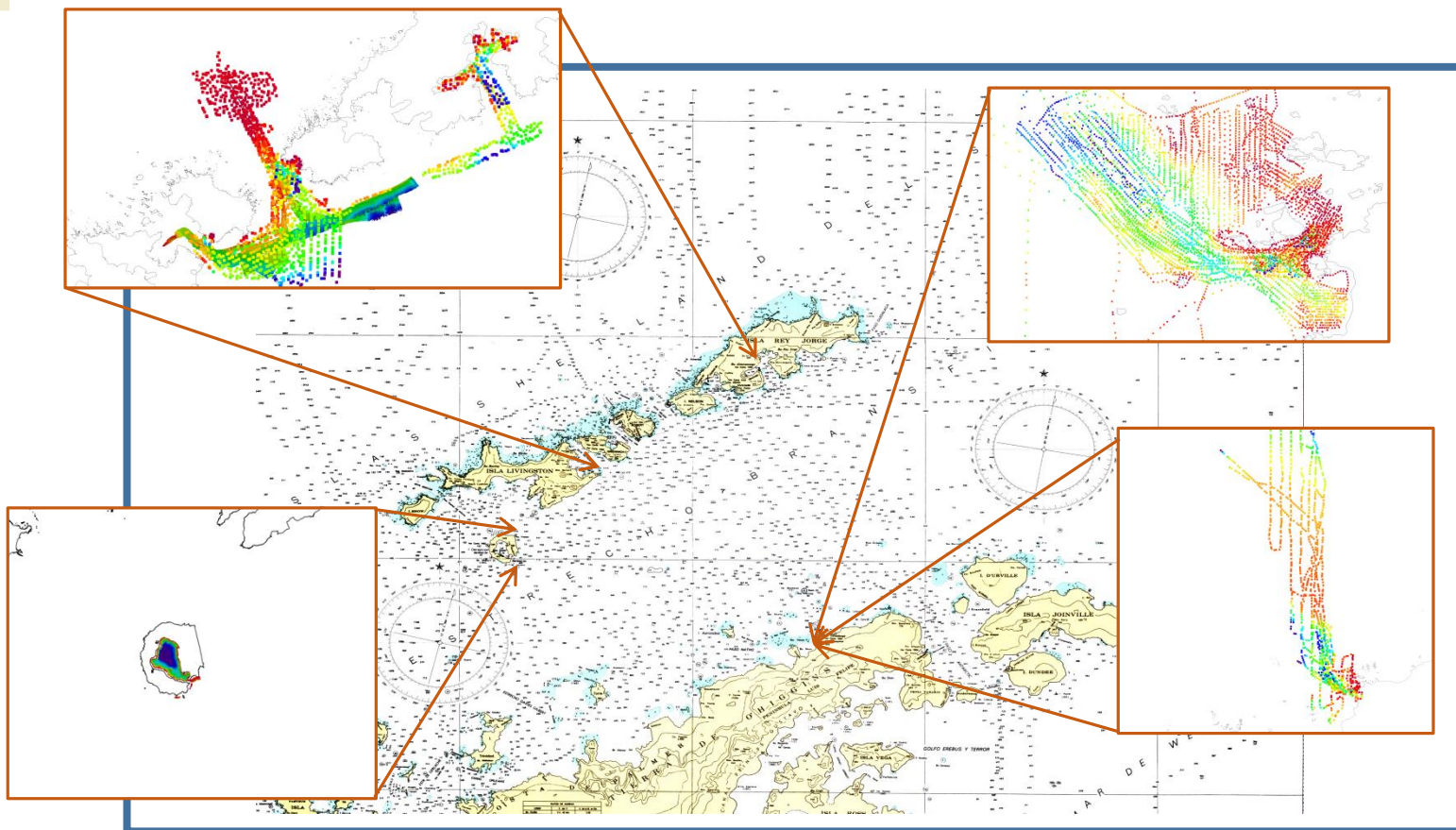


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Surveys in Antarctica

- Areas surveyed

The diagram shows the surveys carried out by Chile in Antarctica.

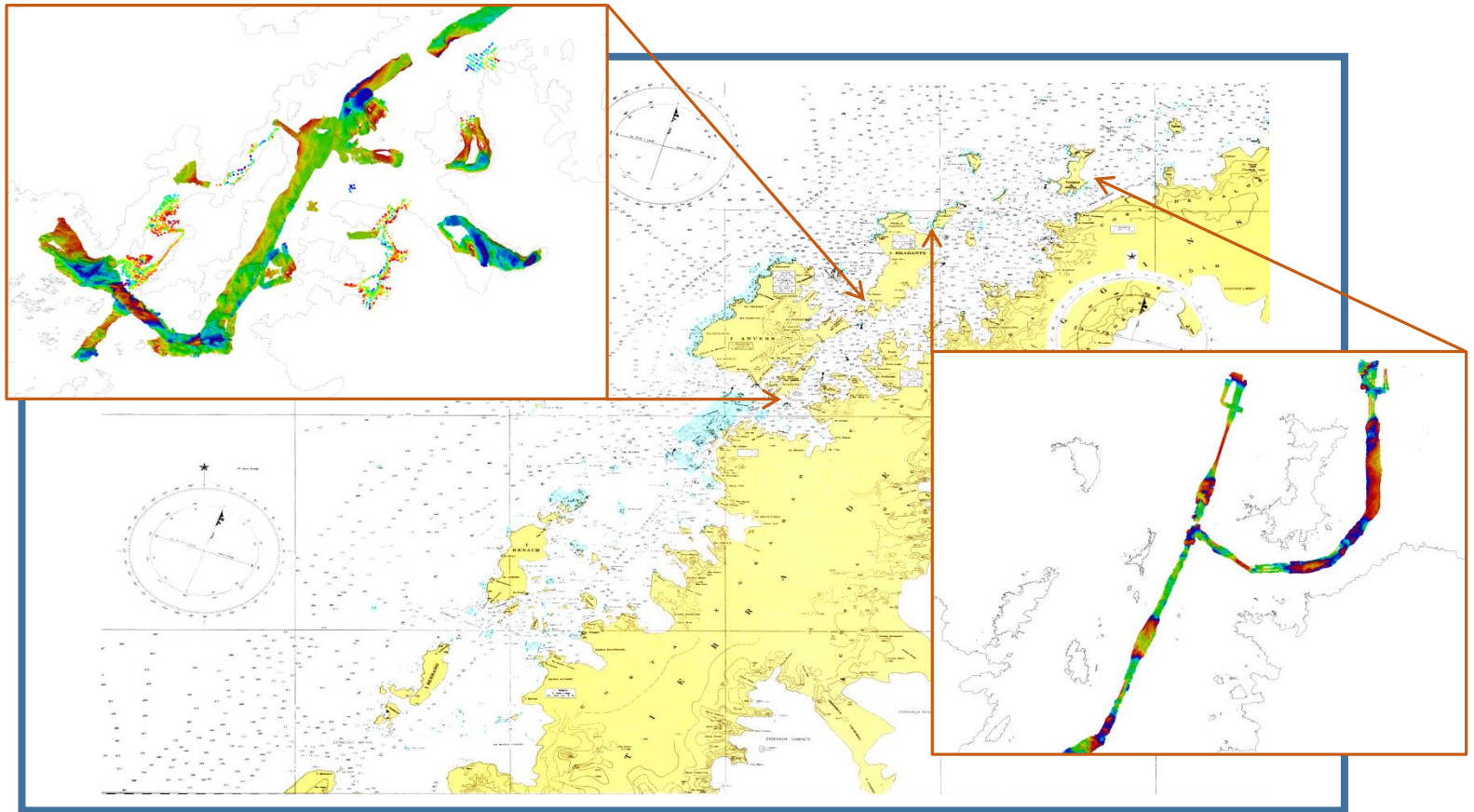




IHO Surveys in Antarctica

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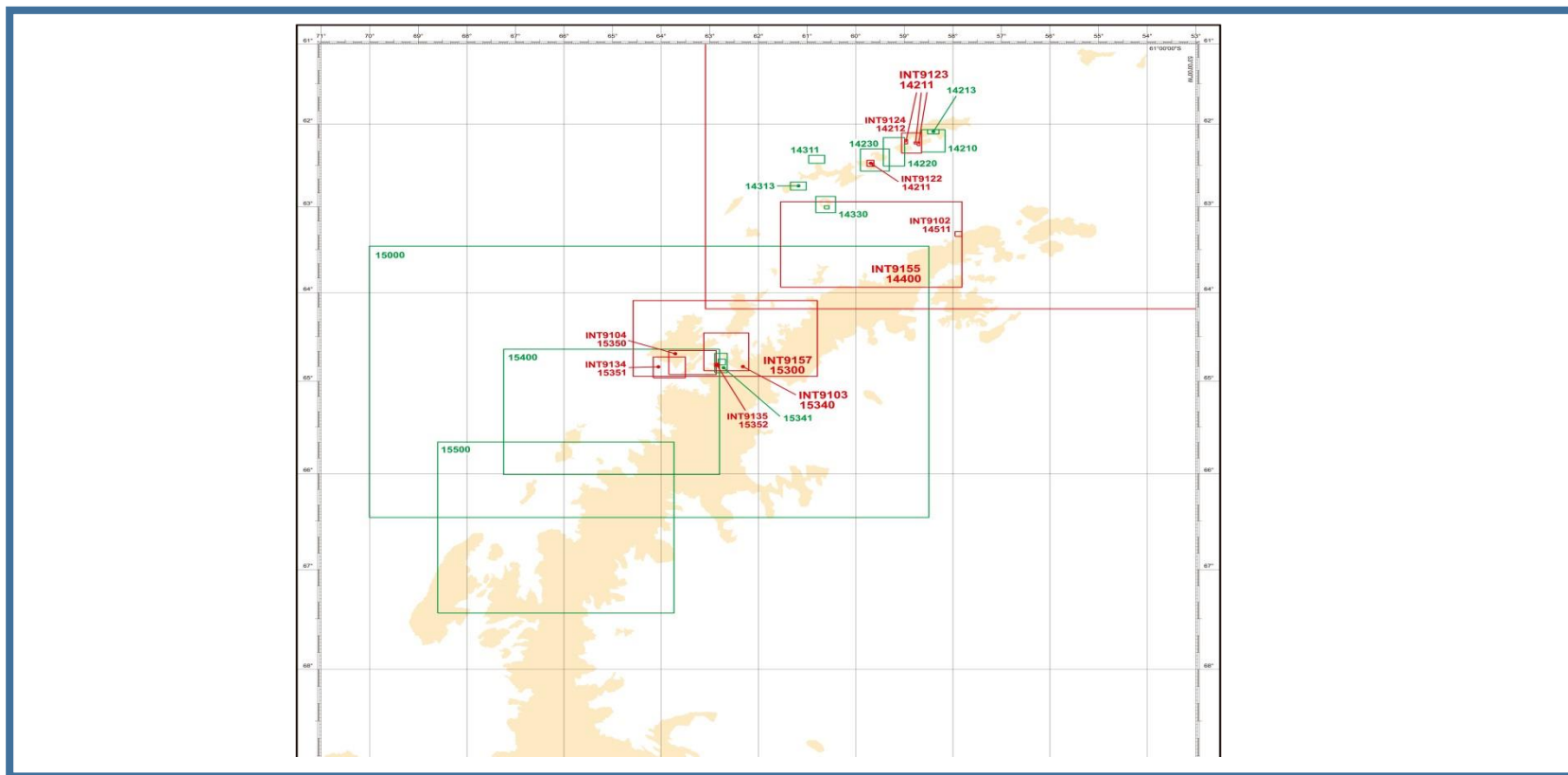


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Surveys in Antarctica

- Areas surveyed

The scheme shows the INT charts and national charts made by Chile in Antarctica.





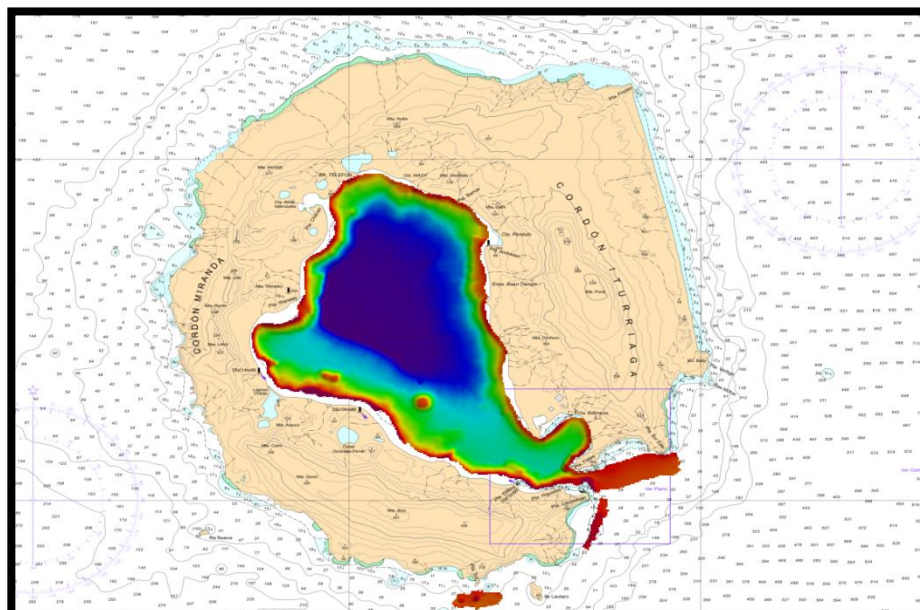
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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

- Areas surveyed

In February 2022, SHOA carried out the hydrographic survey of the Deception Island. The survey took place between February 02 and February 21, in order to update and complete the bathymetric data for both the National Paper Chart 14330 and the Electronic Nautical Chart CL3MA850 “Isla Decepción” and CL5MA870 “Caleta Balleneros y Accesos”.

The hydrographic survey was executed supported by OPV “Marinero Fuentealba”, using on board one of its RHIB’S a portable multibeam echosounder.





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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

International
Hydrographic
Organization

- New charts produced (INT, National, ENC)
 - 1) New Edition INT Paper Chart 9102, National Paper Chart 14511 “Rada Covadonga y Accesos”, scale 1: 10.000 and “Paso Coloma”, scale 1: 5.000, published in 2021.
 - 2) New Edition ENC Electronic Nautical Chart CL5MA890 “Rada Covadonga y Accesos” and CL6MA891 “Paso Coloma” published in 2021.
 - 3) New National Paper Chart 14213 “Ensenadas Mackellar y Martel”, scale 1: 15.000, published in 2021.
 - 4) New ENC Electronic Nautical Chart CL5MA975 “Ensenadas Mackellar y Martel” published in 2021.
 - 5) New Edition ENC Electronic Nautical Chart CL3MA850 “Isla Decepción” and CL5MA870 “Caleta Balleneros y Accesos” published in 2021.

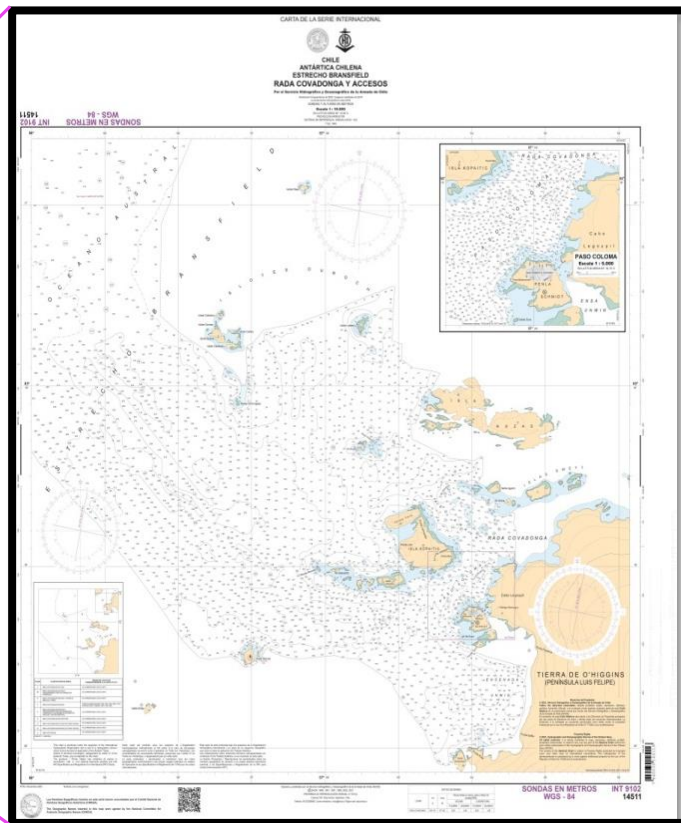
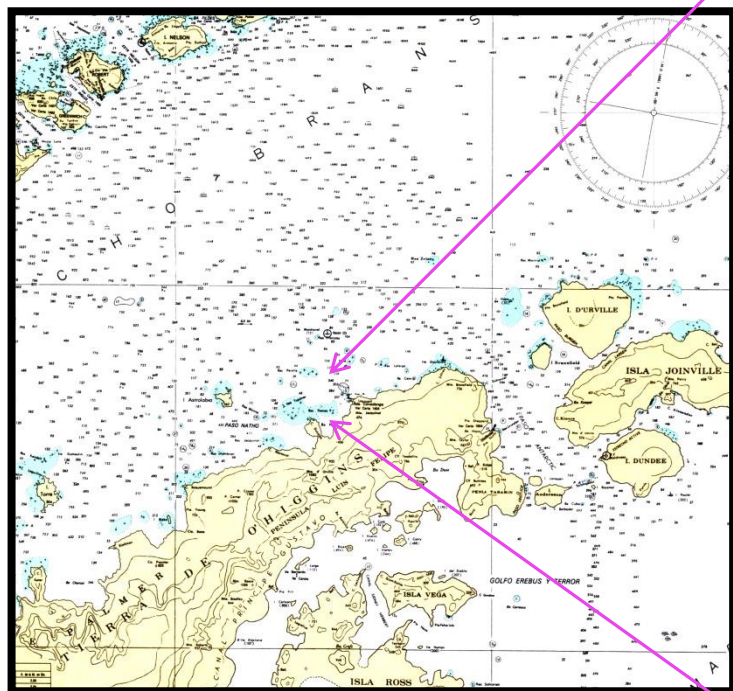


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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

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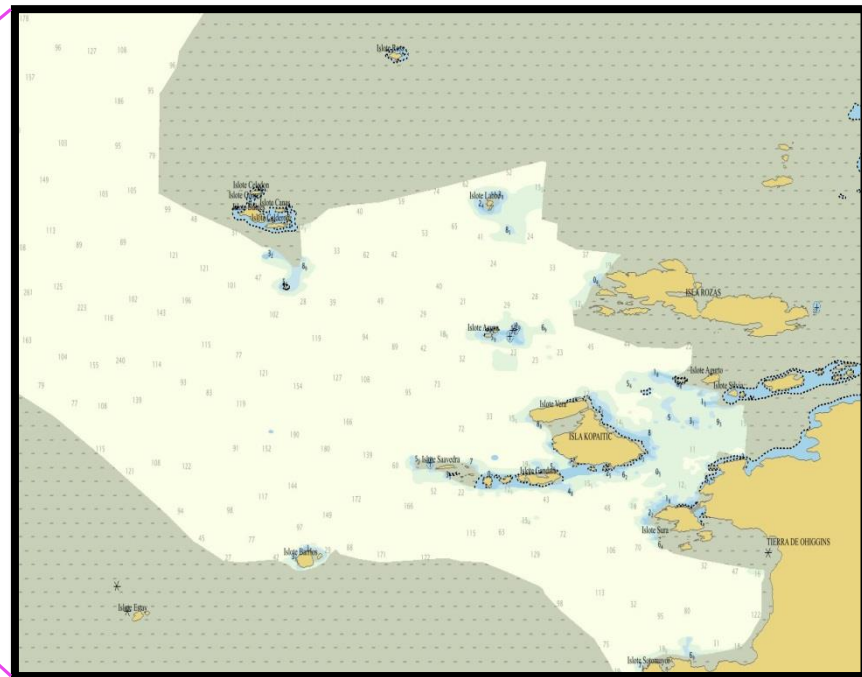
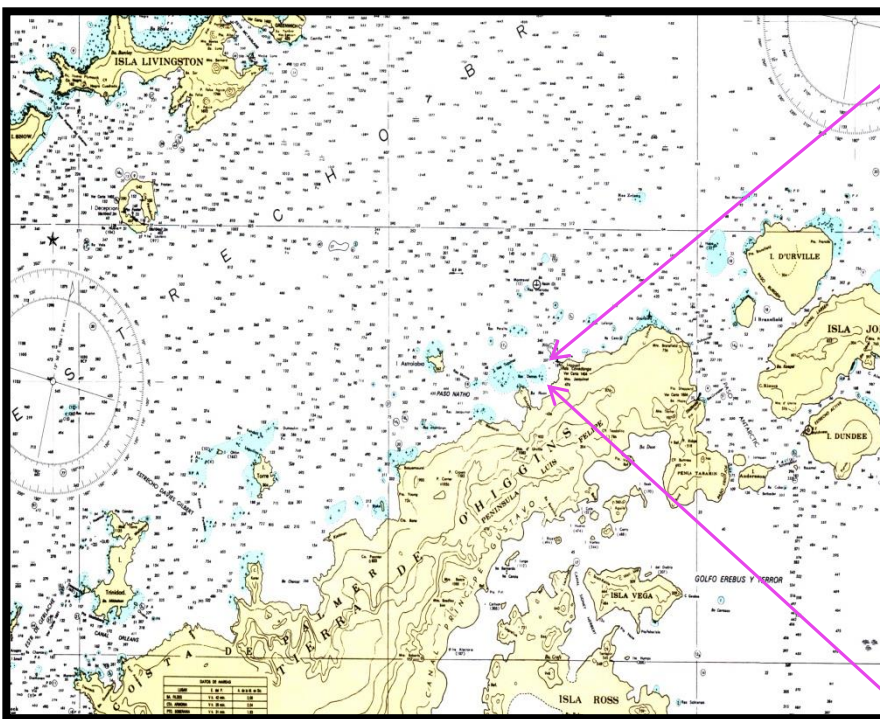
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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

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CL5MA890

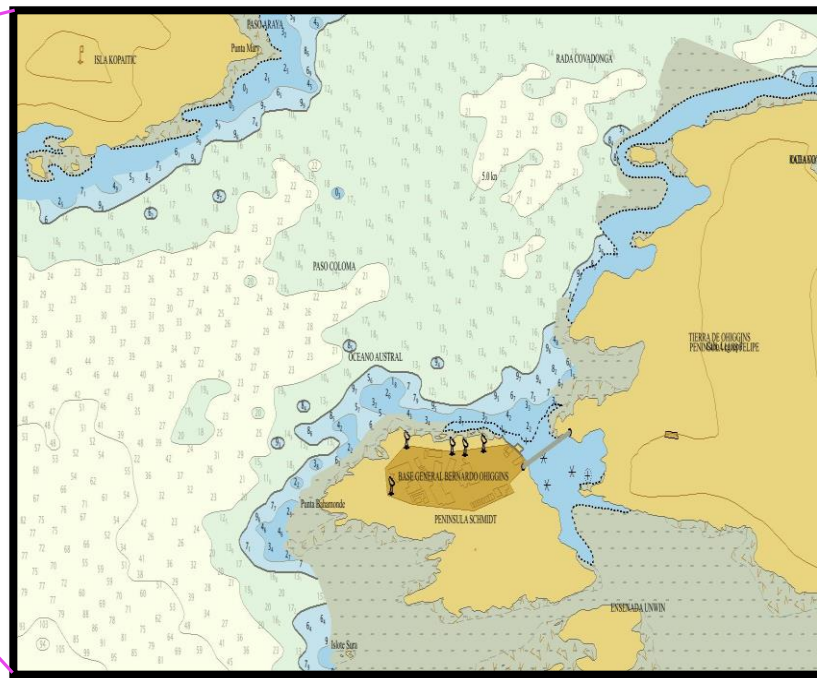
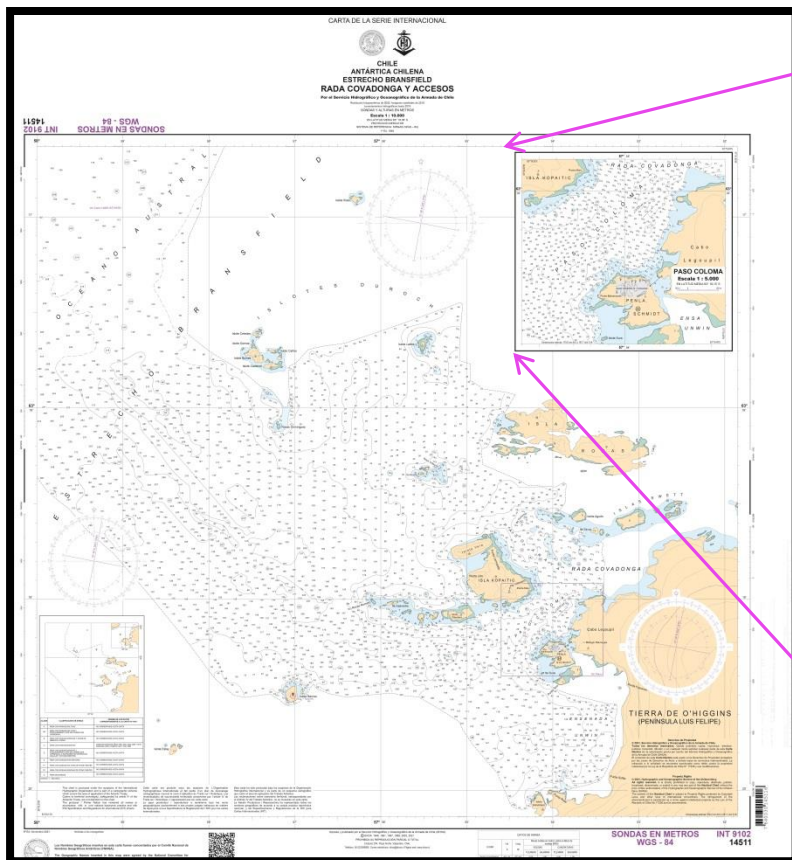
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CL6MA891

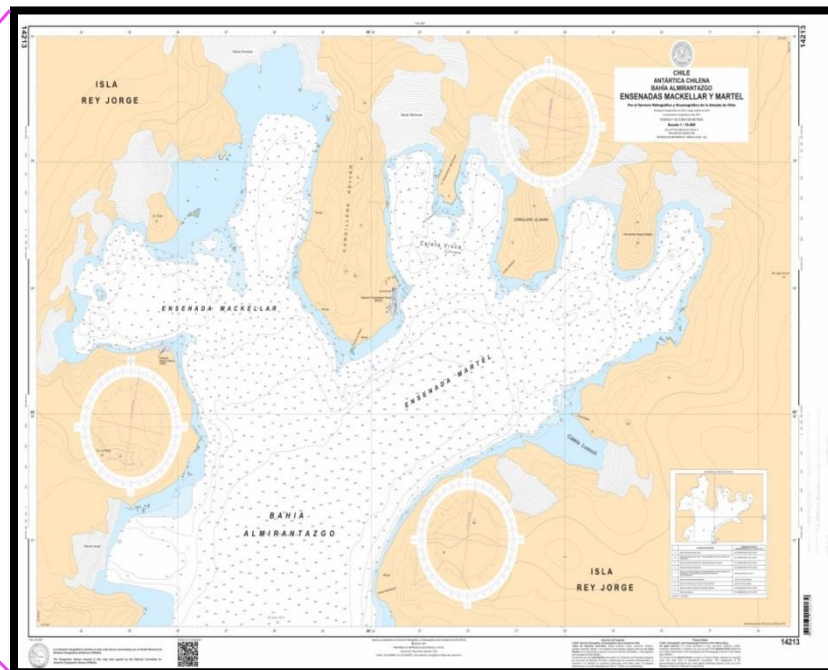
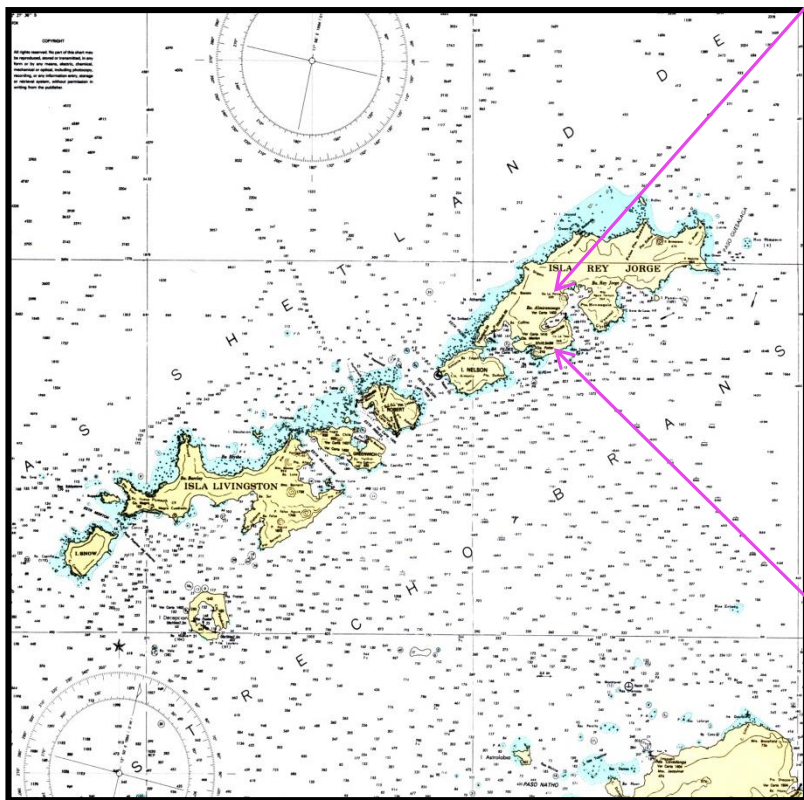
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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

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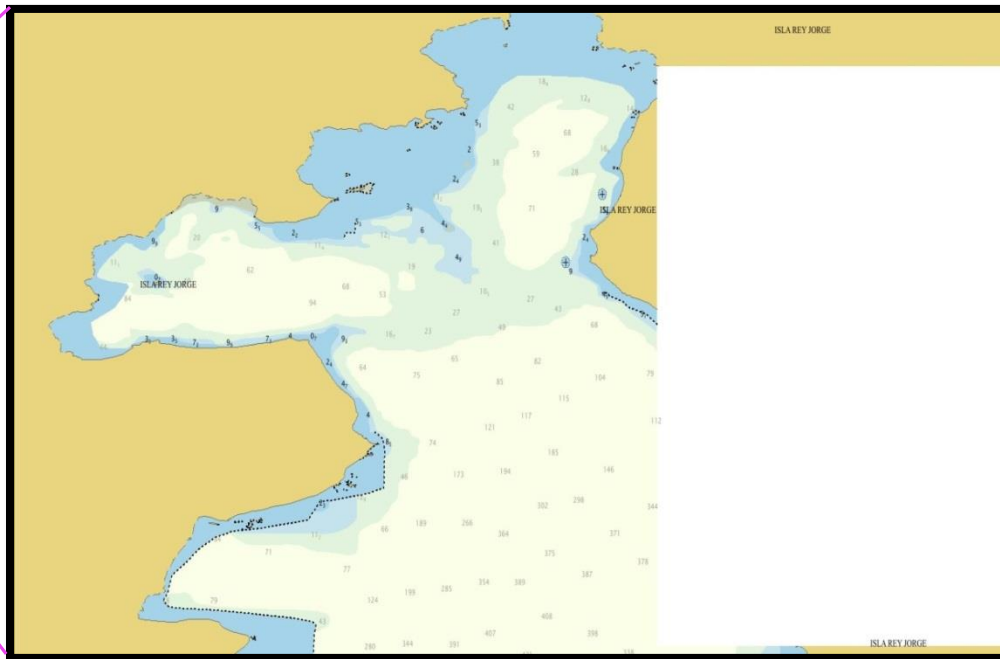
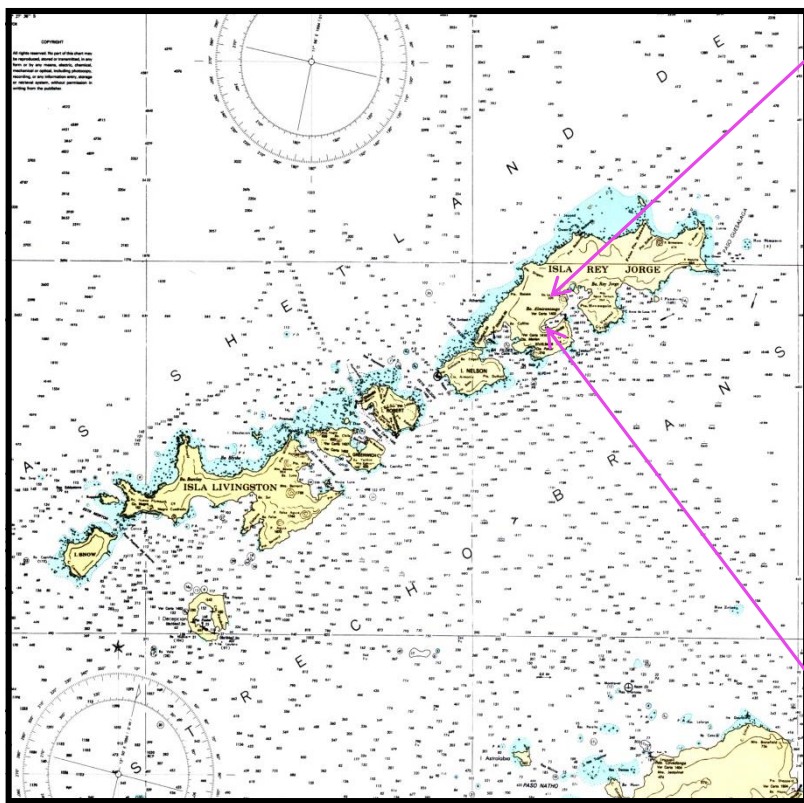


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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

- New charts produced

4) New ENC Electronic Nautical Chart CL5MA975 “Ensenadas Mackellar y Martel” published in 2021.



CL5MA975

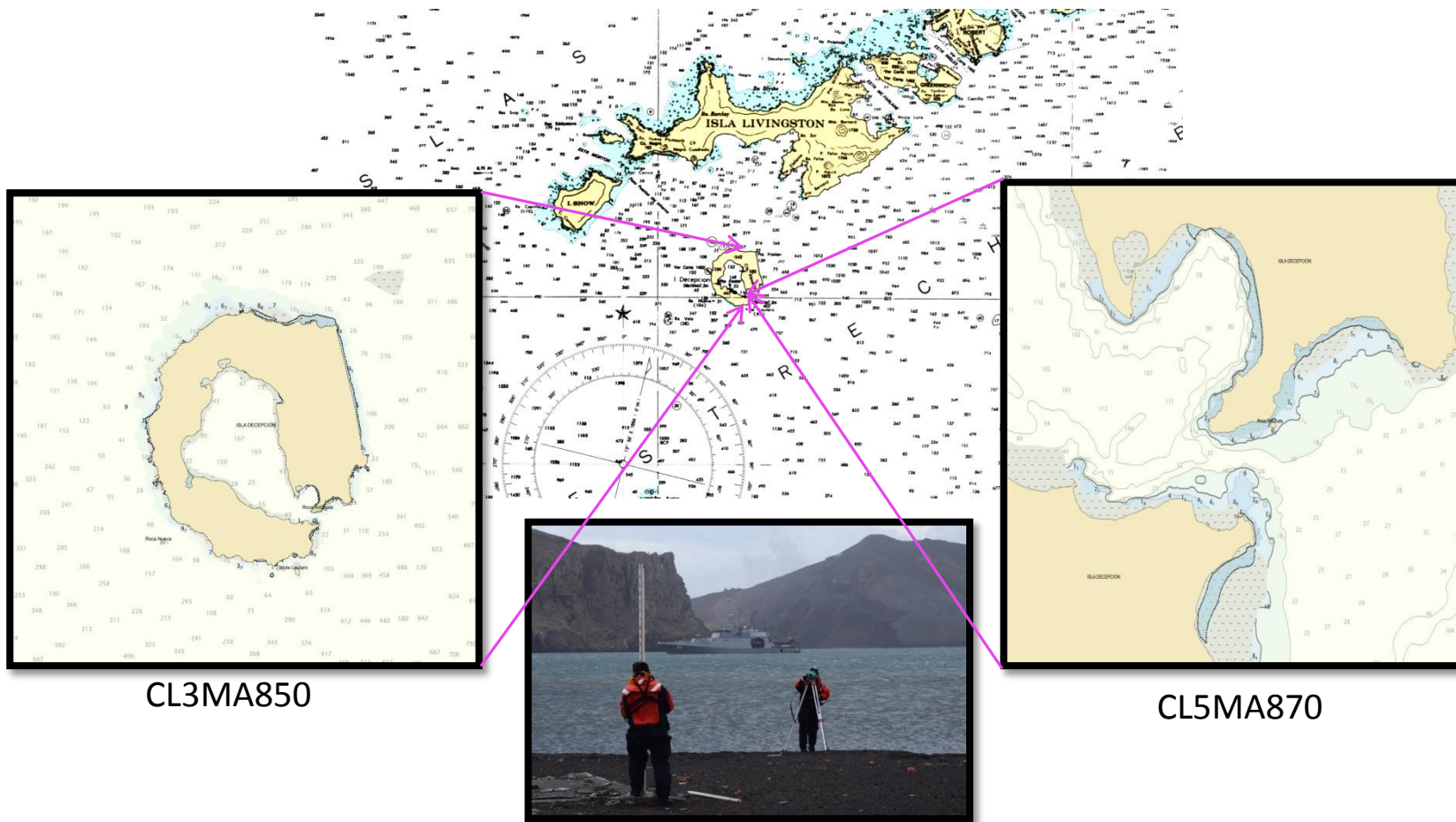


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Surveys and charting progress in Antarctica since HCA-17 (June 2021)

- New charts produced

- 5) New Edition ENC Electronic Nautical Chart CL3MA850 “Isla Decepción” and CL5MA870 “Caleta Balleneros y Accesos” published in 2021.



CL3MA850

CL5MA870

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Relations with Other Organizations

- Scientific and Polar Institutes

The National Committee of Antarctic Geographic Names:

- 1) The National Committee of Antarctic Geographic Names is the Chilean organization in charge of studying the historical background and the collection of information required to provide a formal identification in order to name geoforms in the Chilean Antarctic Cartography.
- 2) This Committee gathers several Chilean governmental institutions.
- 3) As part of the work program, it's planned to publish this year the third edition of the Dictionary of Antarctic Geographic Names, for first time in electronic format.



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Relations with Other Organizations

International
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- Hydrographic data received from other organizations
 - 1) From DHN Brazil on 2021 for the National Nautical Charts 14213 “Ensenadas Mackellar y Martel”.
 - 2) From UKHO on 2020, SHOA received the uncharted rock position, located south of the “Punta Sur”, for the National Nautical Charts 14330 “Isla Decepción y Caleta Balleneros”.

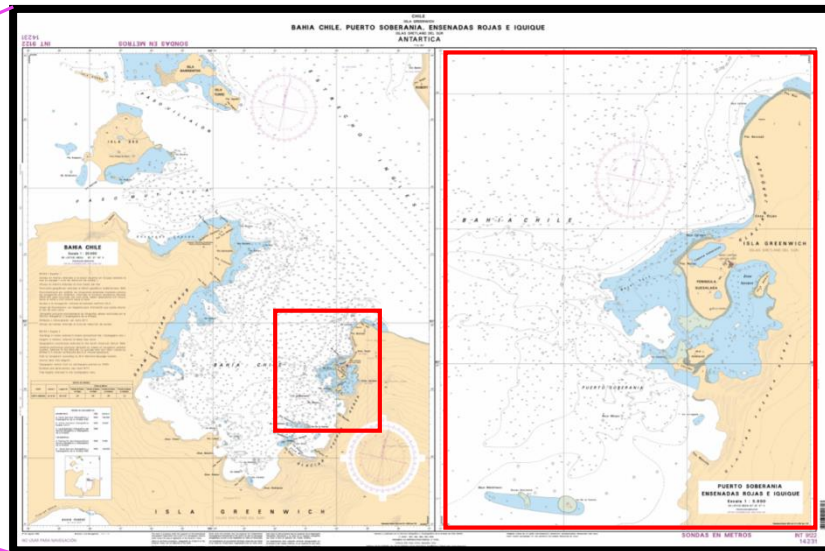
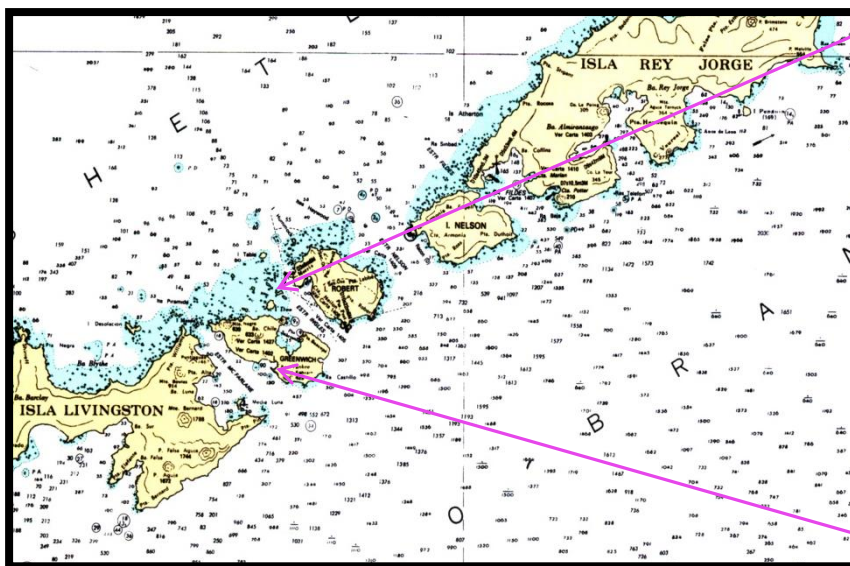


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Planned Activities for 2022-2023

- New National surveys.

In 2023 SHOA is planning to carry out the hydrographic survey of Bahía Chile (Discovery Bay), in order to complete the data to update the International Paper Chart 9122, National Paper Chart 14231 “Bahía Chile (Discovery Bay)”, scale 1: 20.000 and “Puerto Soberanía, Ensenadas Rojas e Iquique”, scale 1: 5.000.



*Action WENDWG12/33 refers



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Other matters of relevance to HCA, particular issues that may require HCA consideration and/or may need to be reported to A-3 (3-year IHO Work Programme, IHO Strategic Plan,...)

- **News.**

Since August 2018, the new Icebreaker “Almirante Oscar Viel” has been under construction, which will replace the decommissioned Icebreaker “AP-46 Almirante Oscar Viel” (1995-2019).





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Other matters of relevance to HCA, particular issues that may require HCA consideration and/or may need to be reported to A-3 (3-year IHO Work Programme, IHO Strategic Plan,...)

- **News.**

The Roles of this Ship are as follows:

1. Hydrographic Surveys in Antarctica.
2. Support and logistics transport in Antarctica.
3. Scientific research in Antarctica.
4. SAR, salvage and control of aquatic pollution.



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Chilean National Report HCA 18

International
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Organization



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