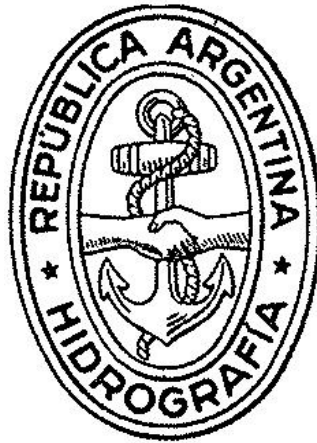


IHO Hydrographic Committee on Antarctica (HCA)
11th Meeting, Hobart, Tasmania, Australia, 05-07 October 2011

REPORT BY THE NAVAL HYDROGRAPHIC SERVICE

MINISTERIO DE DEFENSA
SERVICIO DE HIDROGRAFIA NAVAL



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REPUBLICA ARGENTINA

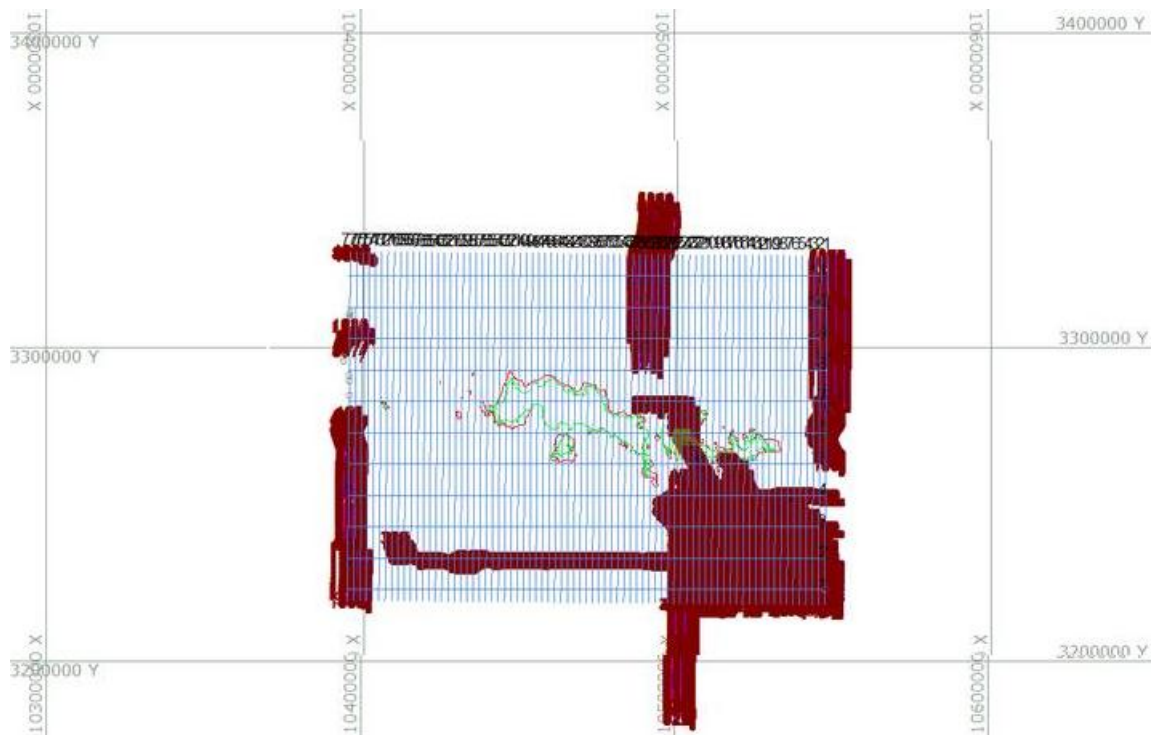
1-HYDROGRAPHIC OFFICE

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2- SURVEYS

An order 2 survey and processing of bathymetric data collected by the oceanographic ship ARA ðPuerto Deseadoö based on INT 9140, on ðOrcadas del Surö Islands during the summer cruise 2010-2011 with single beam echo sounder:

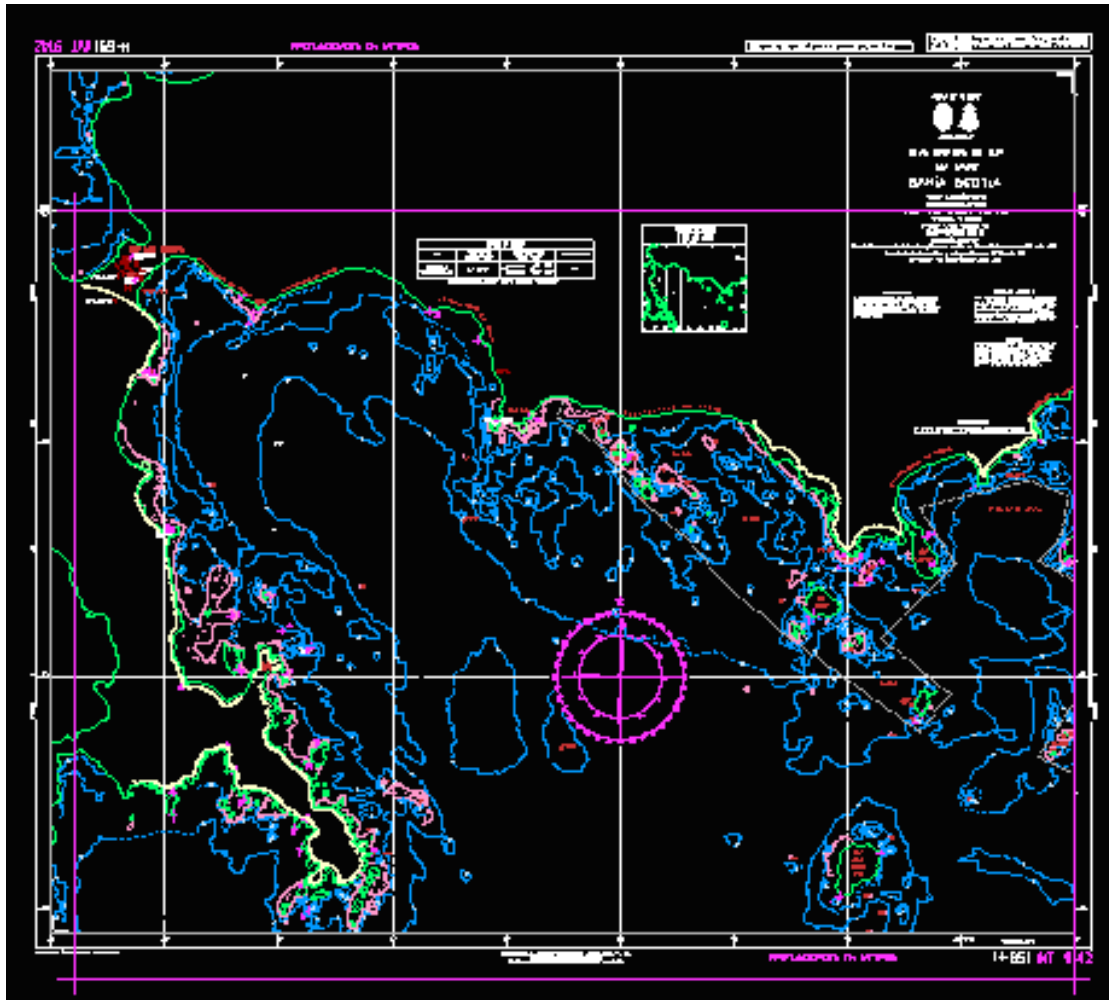


Problems detected.

At the 7thHCA Meeting, Argentina reported the situation of the Icebreaker A.R.A. ðALMIRANTE IRIZARö, which is still under repair. It is expected to go back to service for summer cruise 2012/13. This problem still reduce drastically our survey capability.

3- NEW CHARTS & UPDATE

-Changes in the boundaries of chart H-651/INT 9142, Scotia Bay-Laurie Island are been proposed to HCA:

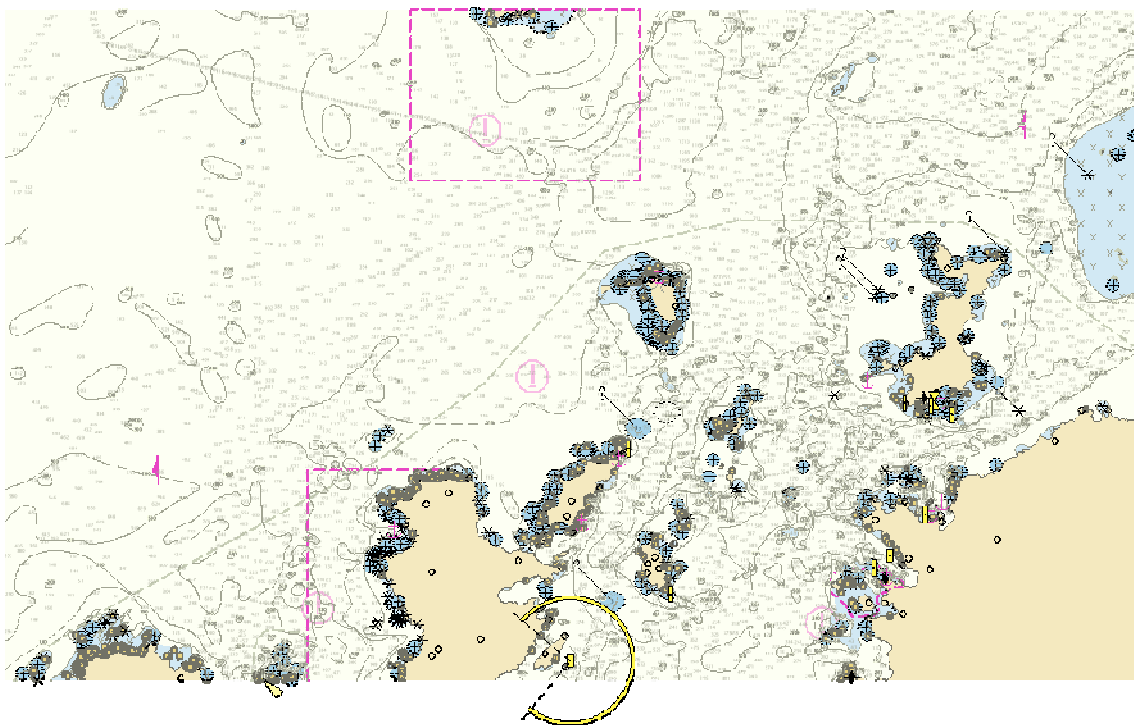


INT 9142 South Orkney Islands Laurie Island. Scotia Bay		Present boundaries	Proposed boundaries	Scale
	South Latitude	60°47.1	60°47.3	1: 10.000
	North Latitude	60°43.4	60°44.0	
	West Longitude	44°45.0	44°44.8	
	East Longitude	44°36.0	44°36.0	

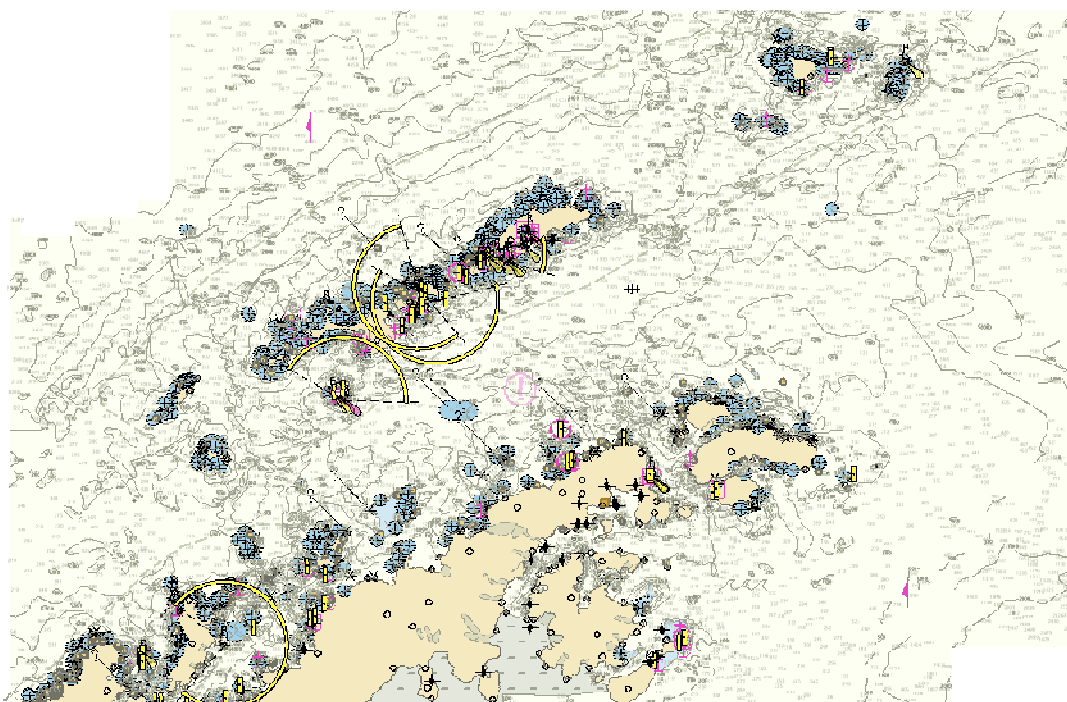
Note: Changes are highlighted in yellow

This chart is planned to be available by end 2011. Respective ENC is planned for 2012.

- ENC(AR 307240) based on INT 9156 and the national Chart H-724 is being encoded and it will be edited in 2012.



- ENC (AR 207000) based on INT 9170 and the national Chart H-724 is being encoded and it will be edited in 2012.



-The publication of INT 9101 and 9111 and respective ENC's is planned for 2012/2013.

4- NEW PUBLICATIONS & UPDATES

Permanent update of Nautical Publications issued by the "Servicio de Hidrografía Naval" (the Naval Hydrographic Service). In particular the Publication on the Antarctic Area: H-205 Derrotero Argentino Parte V. "Antártida y Archipiélagos Subantárticos Argentinos y Suplemento" (Sailing Directions Part V. Antarctica. H-205).

5- MSI

-Existing infrastructure for transmission.

Structure in accordance with the area assigned by IMO (NAVAREA VI).

Transmissions made through Safety NET or INMARSAT or GMDSS at a pre-established schedule.

Navigational warnings with ice edges and plotting of drifting icebergs, broadcasted through Safety Net (INMARSAT).

-New infrastructure in accordance with GMDSS.

None.

-Master Plan.

None.

-Problems encountered.

None.

6- S-55

Last update: 2006

7- CAPACITY BUILDING

-Two delegates from the Servicio de Hidrografía Naval attended the course "MARITIME SAFETY INFORMATION (MSI) TRAINING COURSE" sponsored by the International Hydrographic Organization Capacity Building Committee and the IHO World Wide Navigational Warning Service Sub-Committee (WWNWS SC), and held at the Diretoria de Hidrografia e Navegacao (DHN), Niteroi, Brazil, from 16 to 20 May 2011.

-The XXIInd Course on Antarctic Navigation was held in Buenos Aires this year, with the support of Direction of Naval Education of the Argentine Navy. Officers from the Argentine Navy, Foreign Navies and Merchant Navy attended the course successfully. The syllabus included in addition to the specific matters on maritime safety-navigation and maneuvers in these latitudes, sea-ice areas with huge icebergs, national and international legislation, treaties and environmental protection, inter alia.

8- OCEANOGRAPHIC ACTIVITIES

-General

Survey and processing of bathymetric data, surface temperature and conductivity (salinity) and CTD stations collected by the oceanographic ship ARA "Puerto Deseado" in "Orcadas del Sur" Islands area.

-GEBCO/IBC Activities

Review and harmonization of geographical and undersea feature names at Argentinean Antarctic Sector in contribution to SCAGI-SCAR and other National Organizations.

-Tide Gauge Network

Maintenance on tidal gauge station at Esperanza Base (joint effort of University of Hawaii's Global Sea Level Center and Servicio de Hidrografía Naval).