



El Sistema Nacional de Áreas Marinas Protegidas



Mercedes Santos – Directora

Dirección Nacional de Áreas Marinas Protegidas – Administración de Parques Nacionales

Marine Protected Areas are recently created in Argentina within the framework of the National Law 27,037

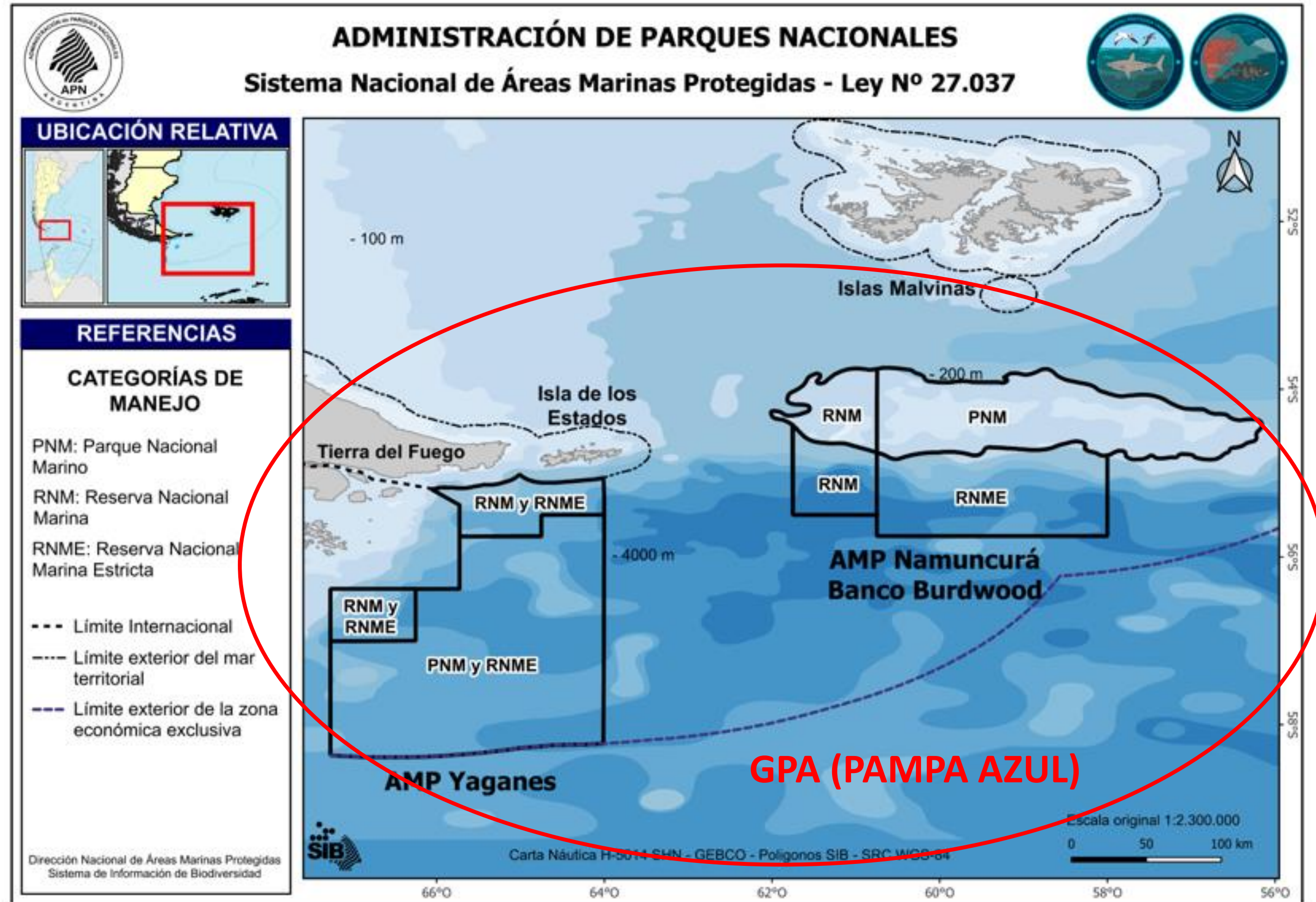
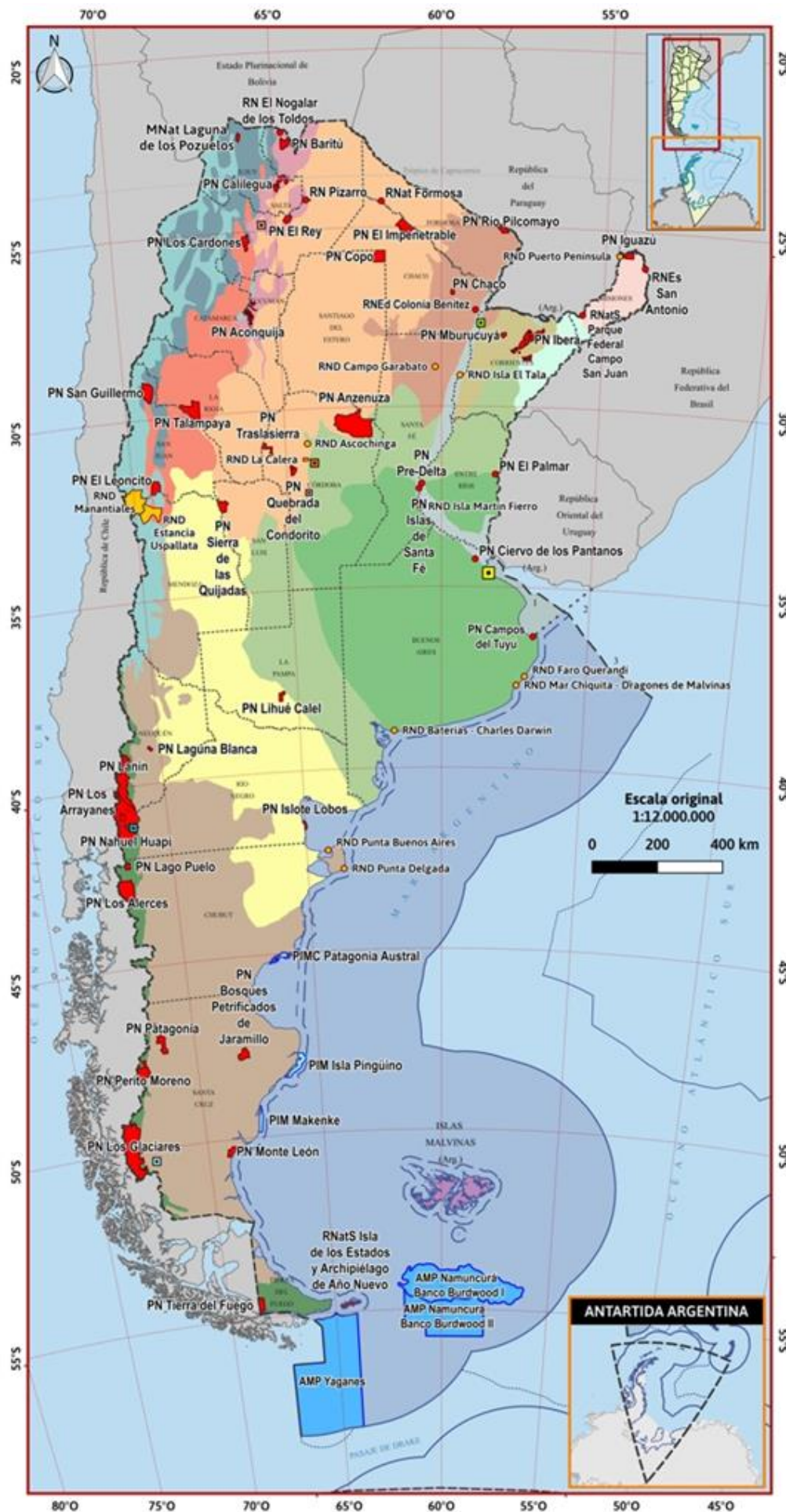


The Enforcement authority is the
ADMINISTRACIÓN DE PARQUES NACIONALES (APN),
who creates
DIRECCIÓN NACIONAL DE ÁREAS MARINAS PROTEGIDAS

National System of Marine Protected Areas



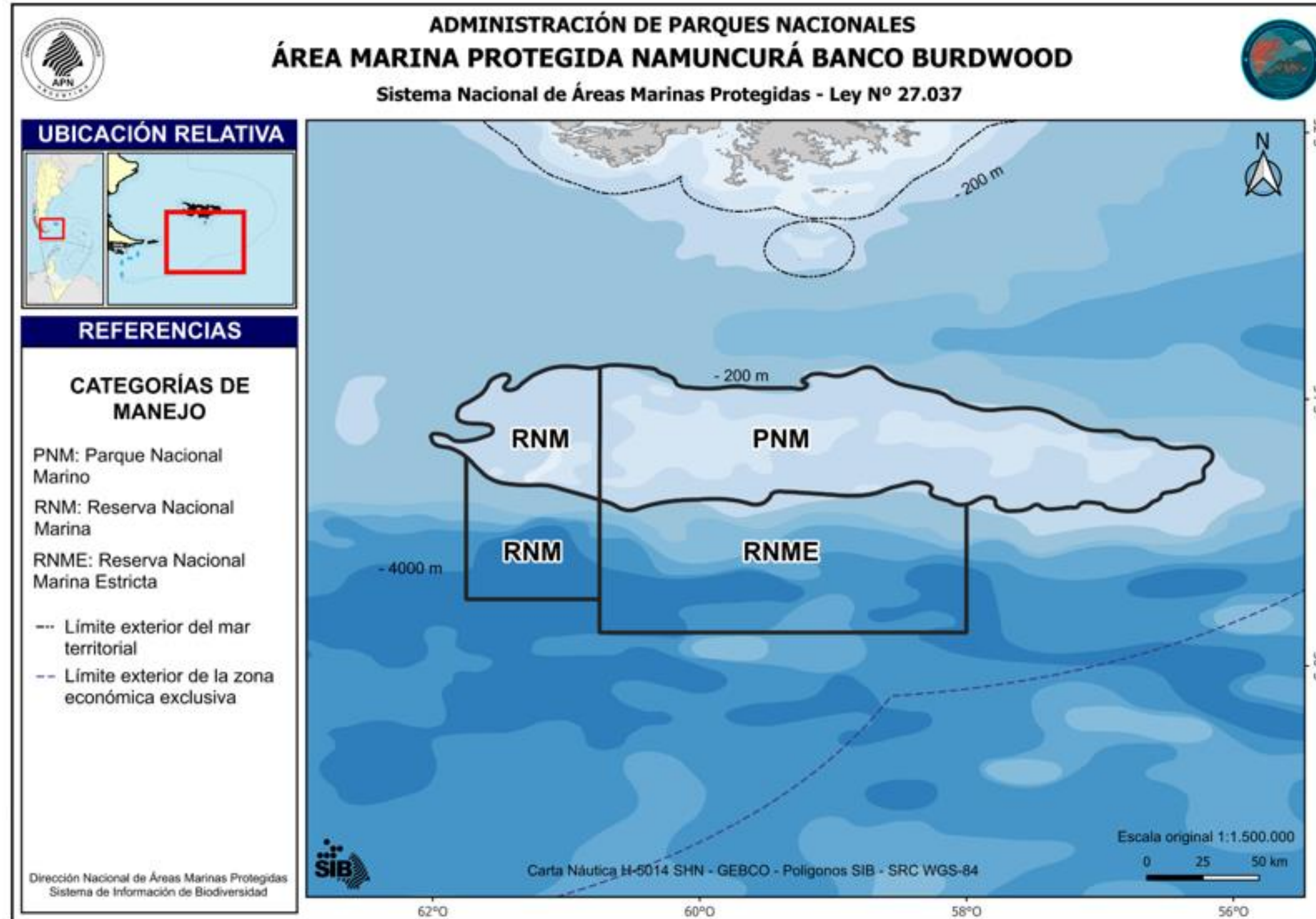
National System of Marine Protected Areas



Marine Protected Area Namuncurá Banco Burdwood



Location



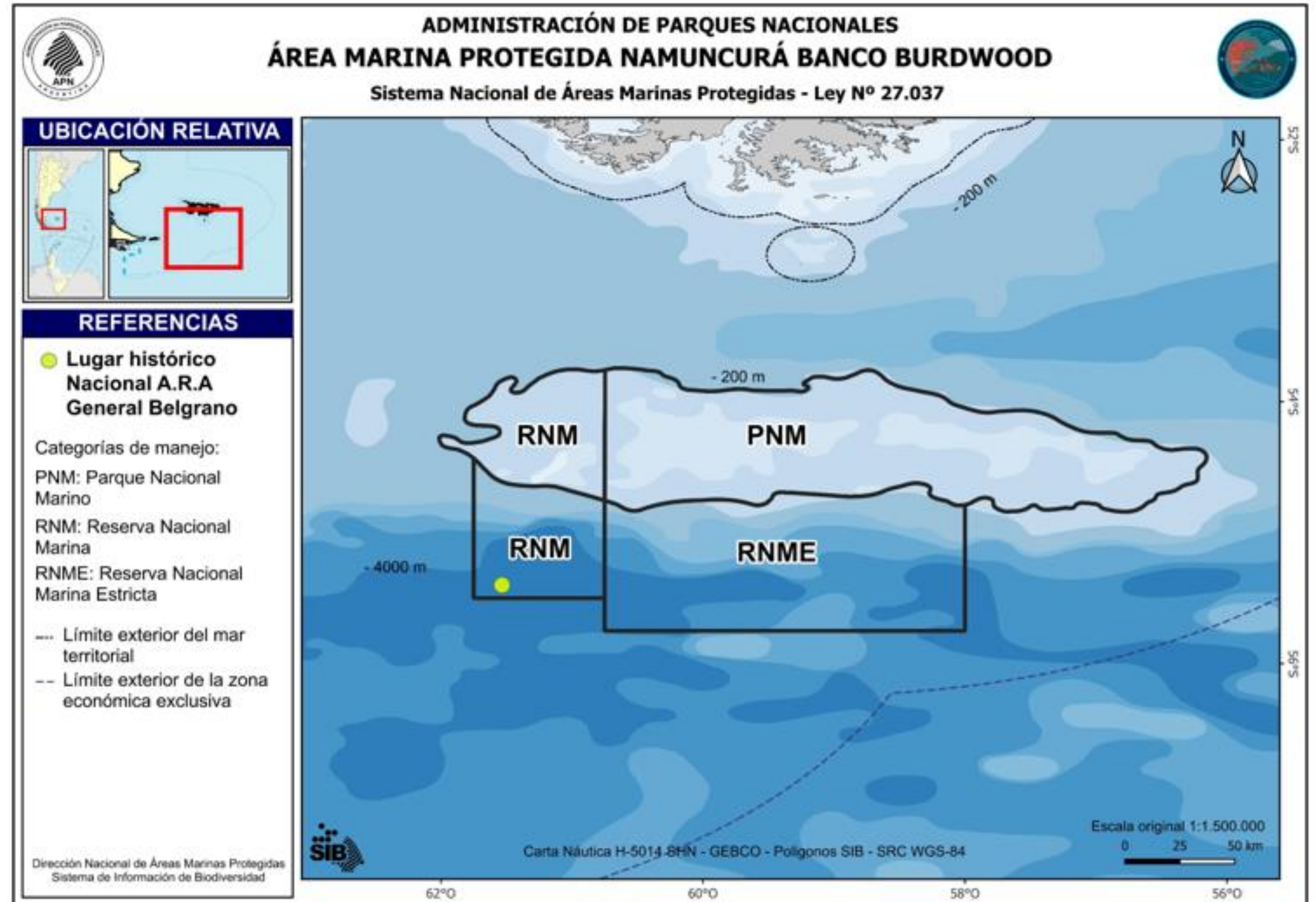
Biodiversity

- Marine Animal Forests
- Vulnerable Marine Ecosystems (VMEs)
- Seabirds, marine mammals, sharks & rays



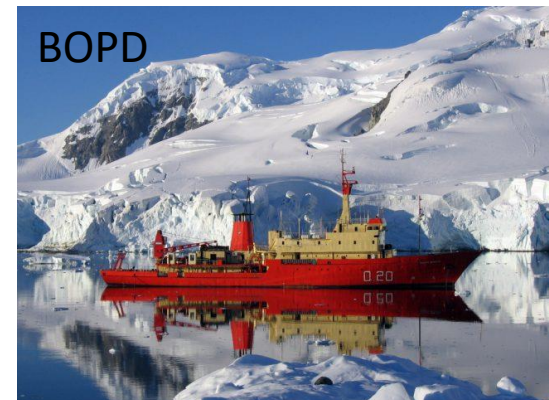
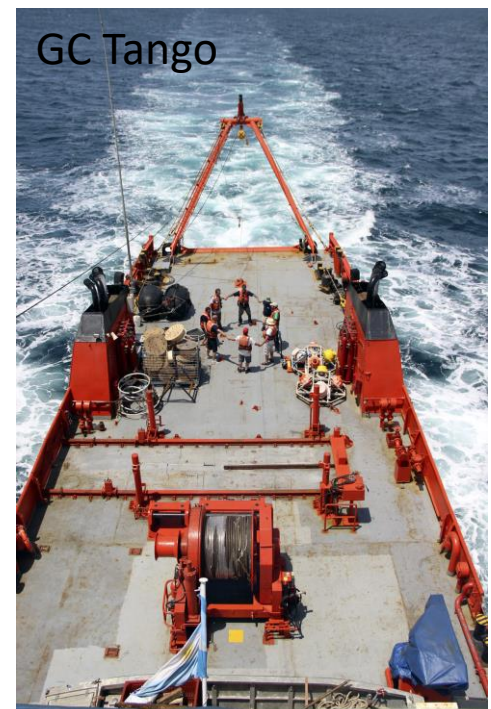


National Historic Site and War Grace of the Cruise Ship A.R.A General Belgrano and the 323 crew members who rest there

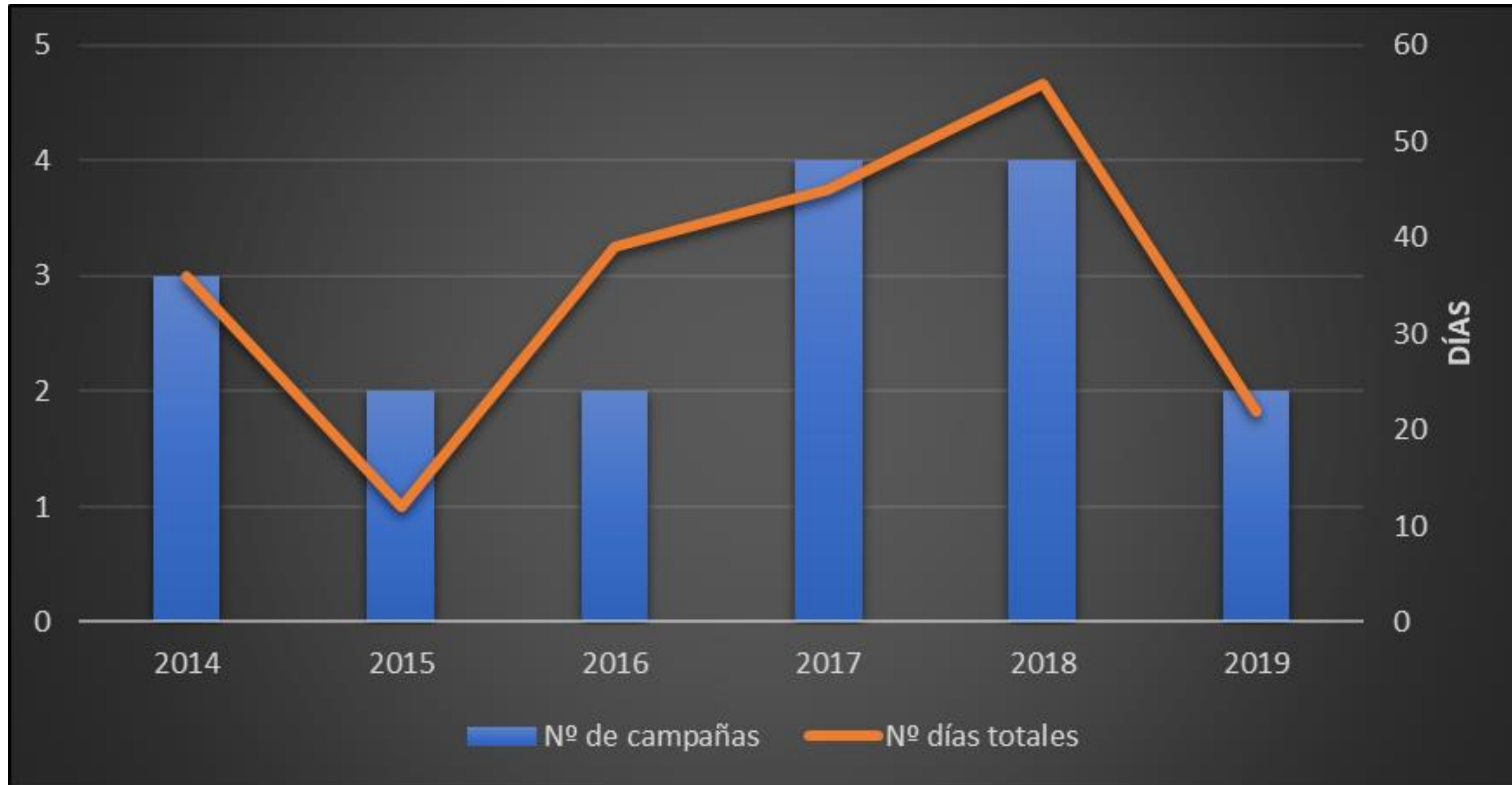


2014-2019

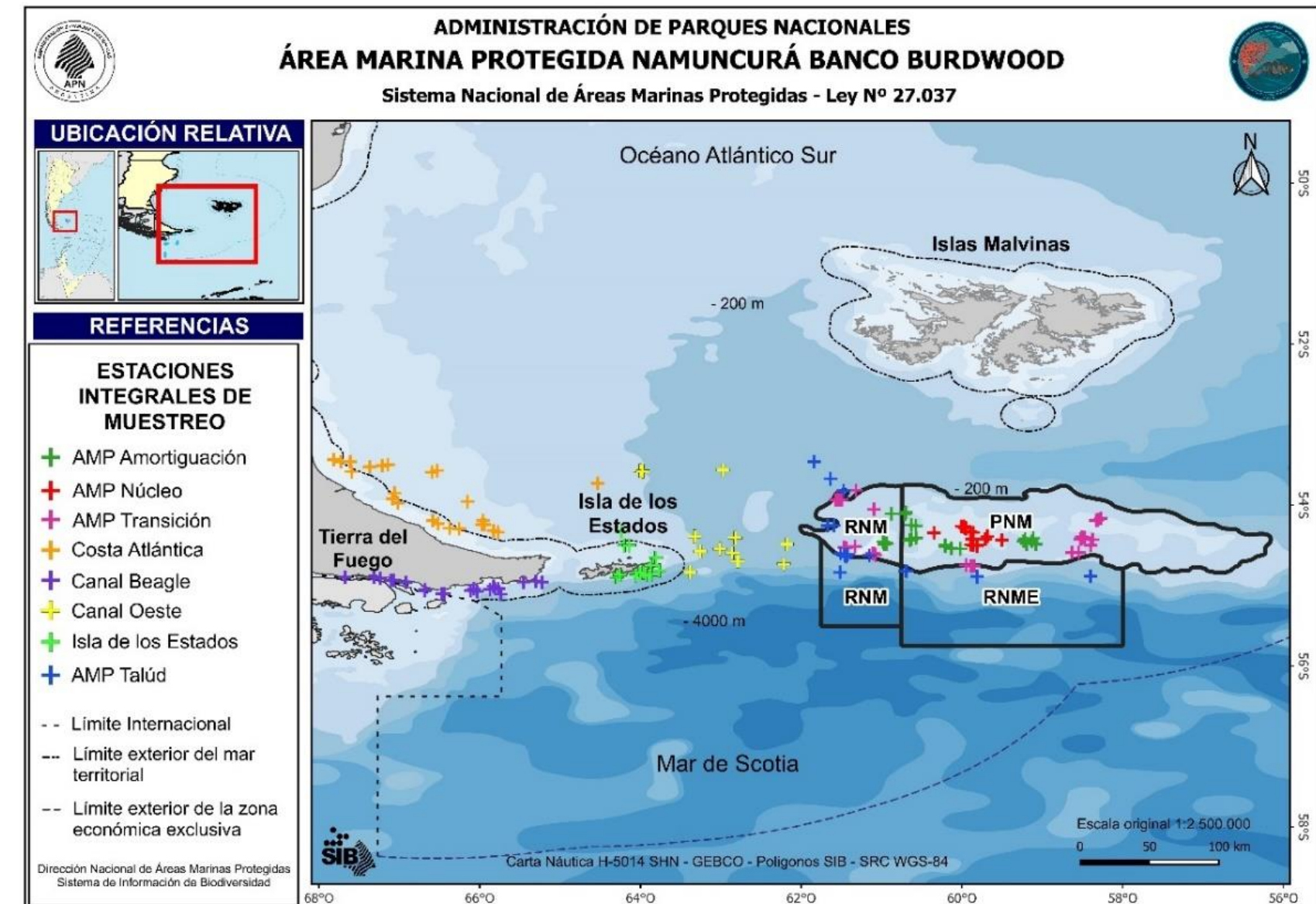
Month/Year	Vessel	Objectives
Jan/2014	GC Tango	ROV
Apr/2014	BOPD	Bentos
Nov/2014	BOPD	Integral (bentos y columna de agua)
Feb/2015	GC Tango	ROV + columna de agua
Dec/2015	GC García	Columna de agua
Apr/2016	BOPD	Bentos
Dec/2016	BOPD	Columna de agua
Feb/2017	GC García	Bentos
May/2017	BOPD	Integral (bentos y columna de agua)
Aug/2017	BO Austral	Batimetría
Dec/2017	BOPD	Columna de agua
Feb/2018	GC Tango	Columna de agua /Presencia Algas nocivas
Aug/2018	BOPD	Bentos y Fondeos
Nov/2018	BOA	Bomba Carbono
Nov/2018	BIPA	Área cría de peces
Mar/2019	GC Tango	Fondeos
Oct/2019	BIPA	Integral (bentos y columna de agua)



National System of Marine Protected Areas



- ❑ 60 papers
- ❑ 3 main subjects:
 - Taxonomy
 - Reproductive Biology
 - Ecology



List of identified and validated species

811 species of invertebrates and marine fishes (349 species reported for the first time in the MPA, and 65 candidate species for new species)

1. Area of High benthic biodiversity
2. Patagonian toothfish (*Dissostichus eleginoides*)
3. Marina Animal Forest
4. Key Areas for predators
5. Key species of the food web (*Sprattus fueguensis* and *Patagonotothen ramsayi*)
6. Spawning area and nursery of *Sprattus fueguensis* and notothenioids
7. Spawning area and nursery area of rays
8. Upwelling areas
9. High concentration of chlorophyll
10. Canyons
11. ARA General Belgrano

CONSERVATION VALUES

Living elements (species, environments, communities, ecosystems) non-living elements, abiotic (landscapes, geoforms, soils, hydrography), and cultural (archaeological, historical)

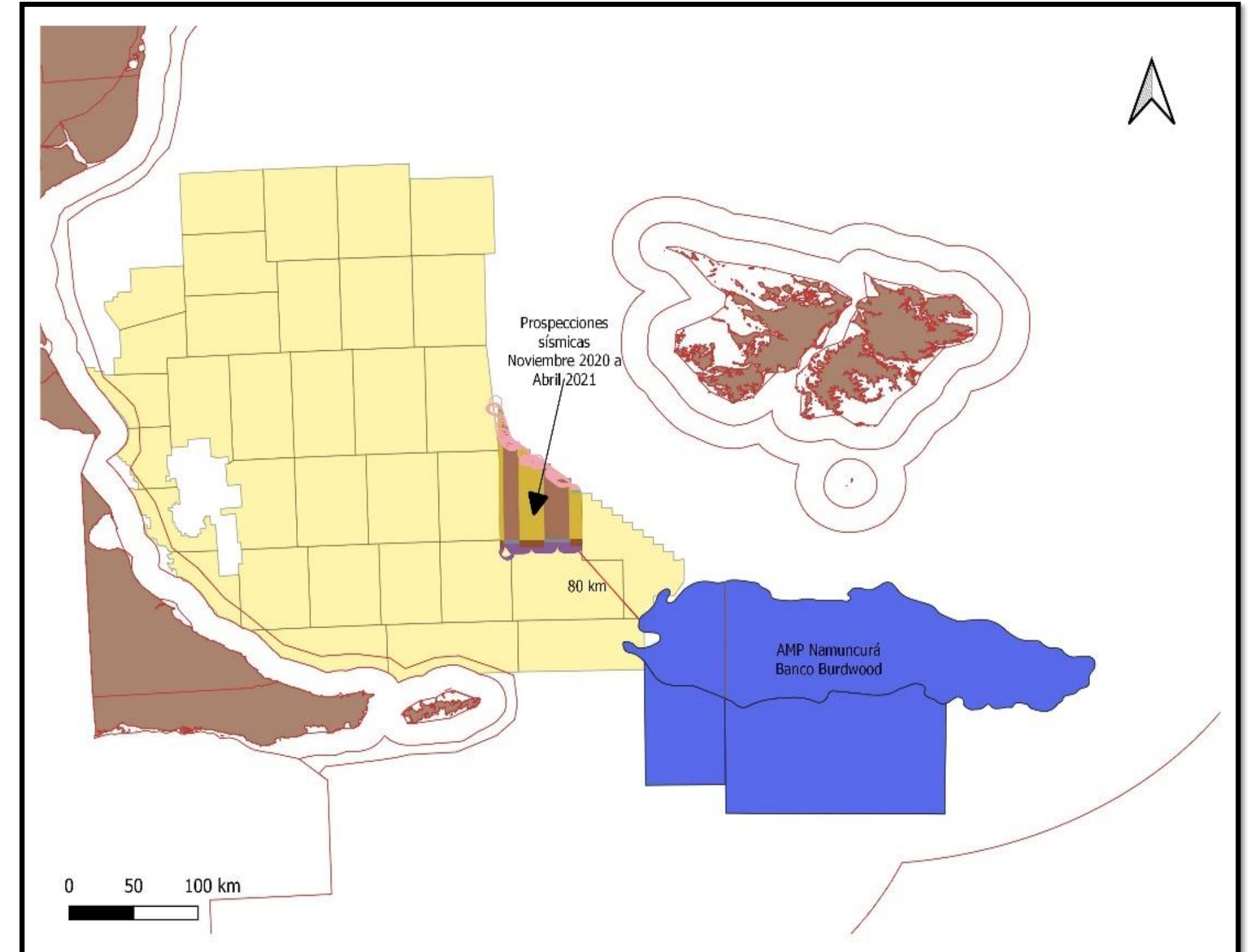
Research Expedition

SOUND propagation in Seismic Exploration Activities in the southern zone of the Argentinean Sea:
Preliminary Survey near the MPA Namuncurá Banco Burdwood. Implications for marine fauna with emphasis in marine mammals



Questions

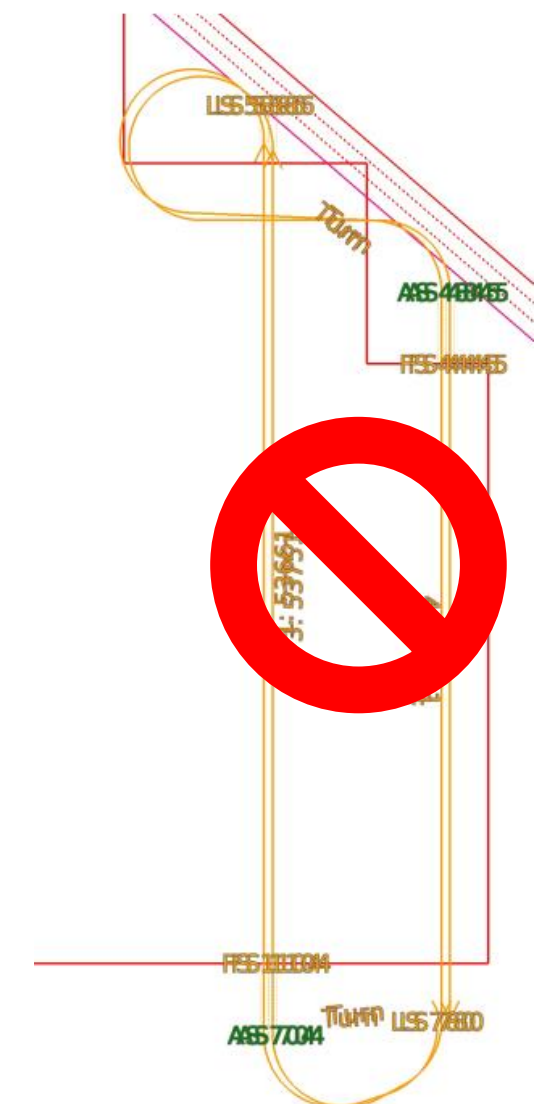
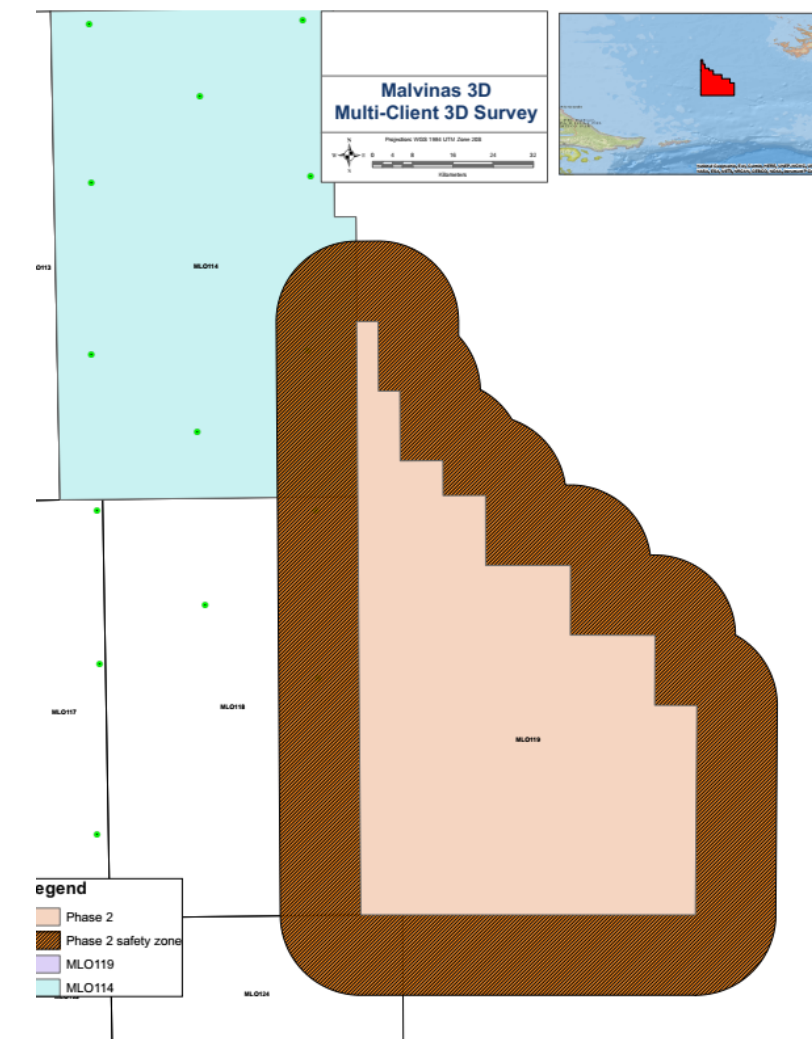
- How does sound propagate in this area?
- Is it necessary to define buffer zones for these activities?



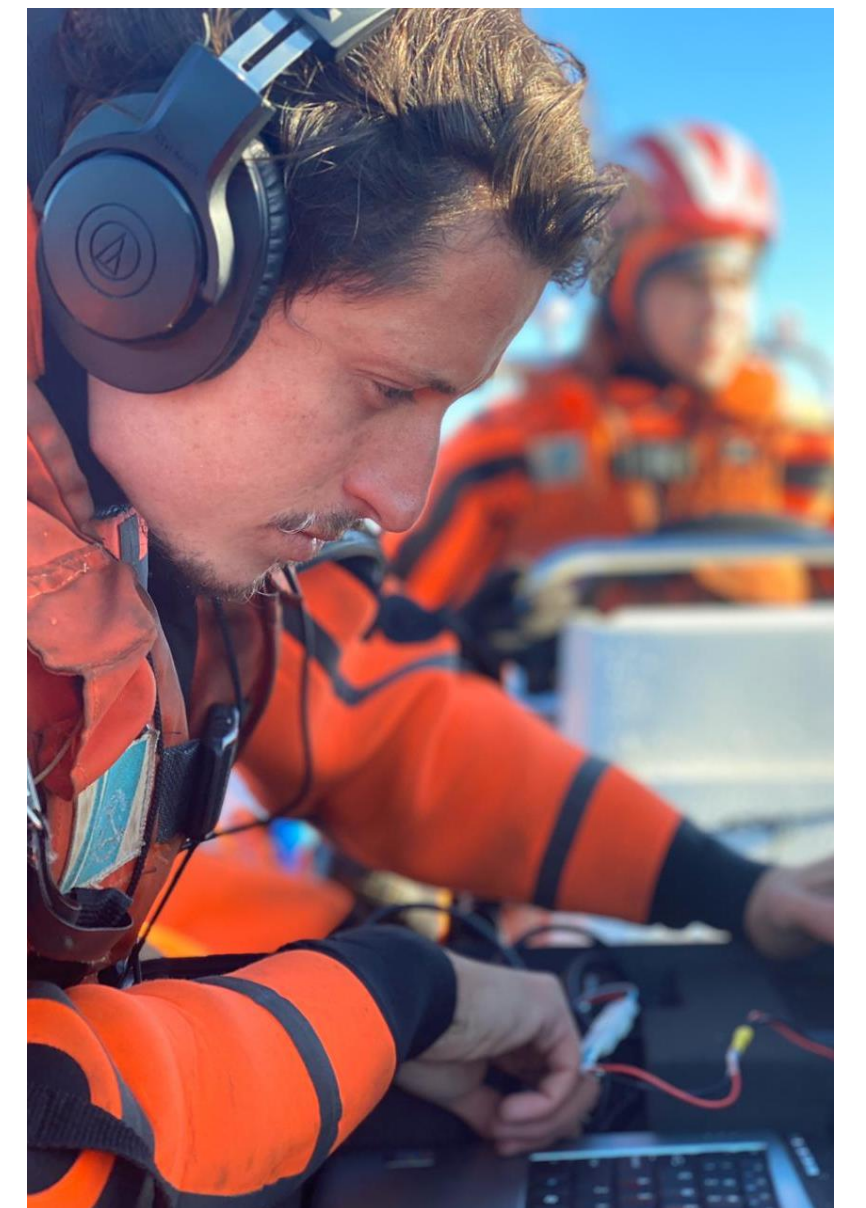
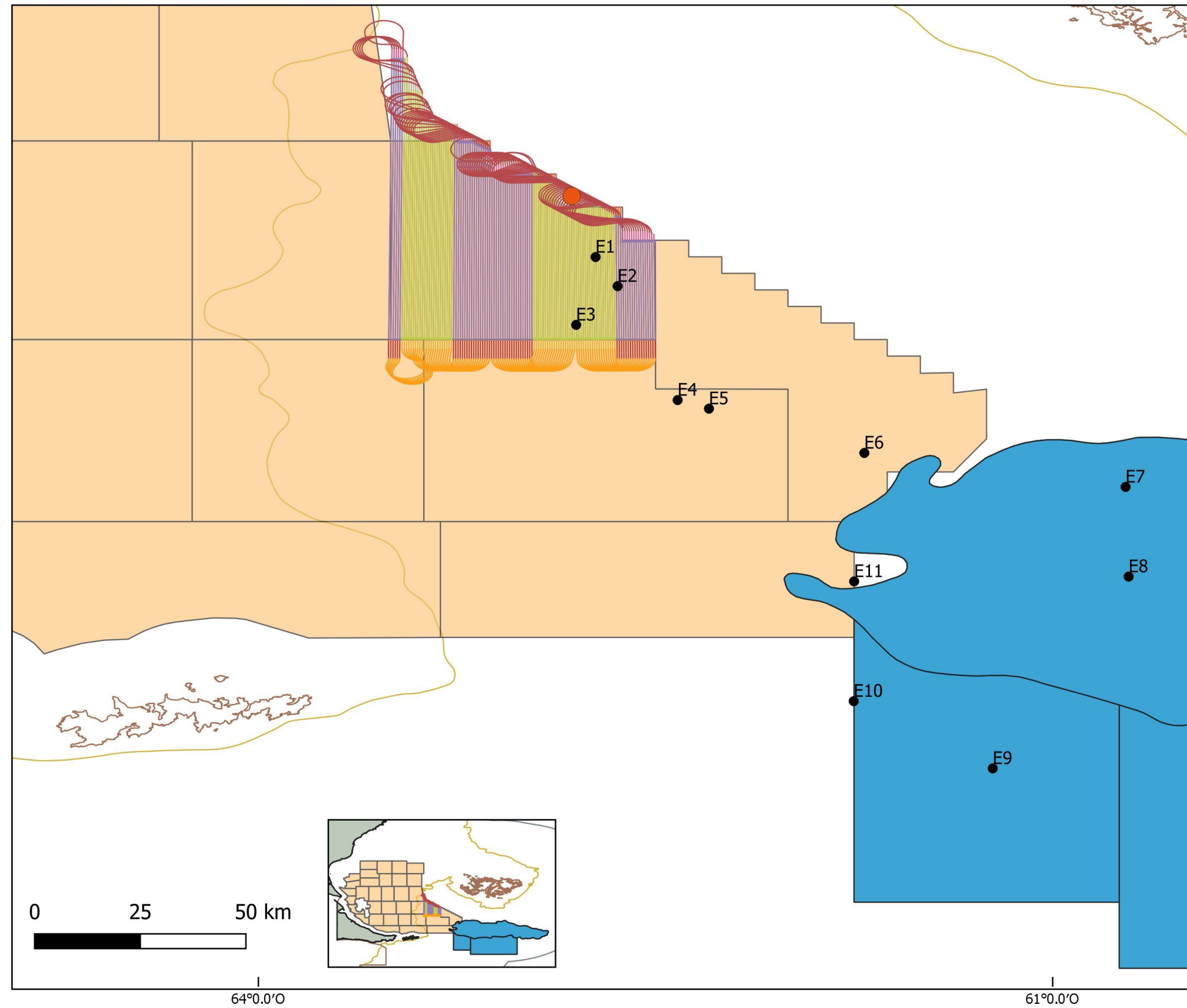
General objective: to initiate the acoustic monitoring and to establish an acoustic baseline

Particular objectives:

- To Build a sound propagation profile from the source of acoustic emission towards the western sector of the MPA
- To identify marine mammals presence and behavior
- Physical and biological parameters



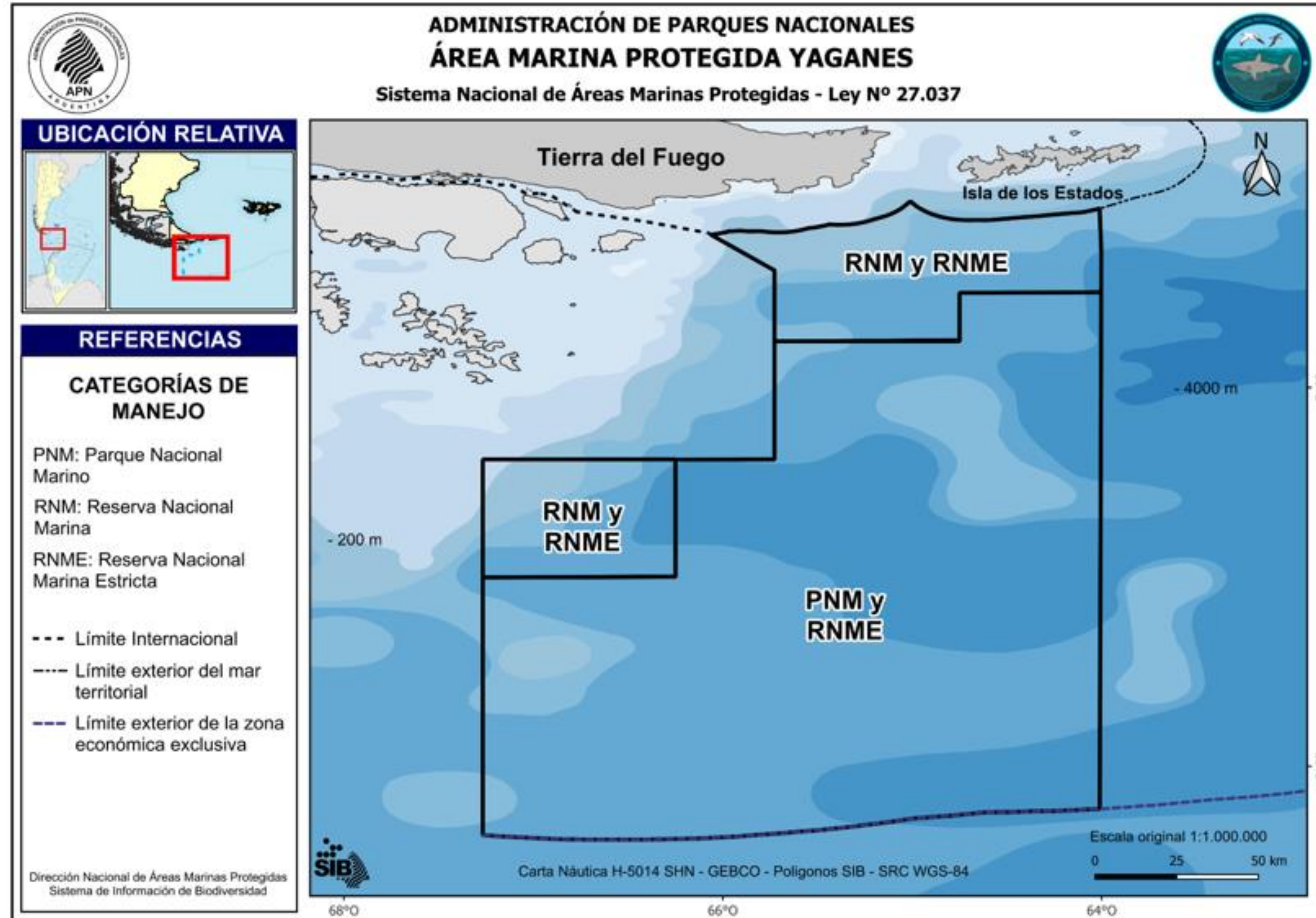
National System of Marine Protected Areas



Marine Protected Area Yaganes

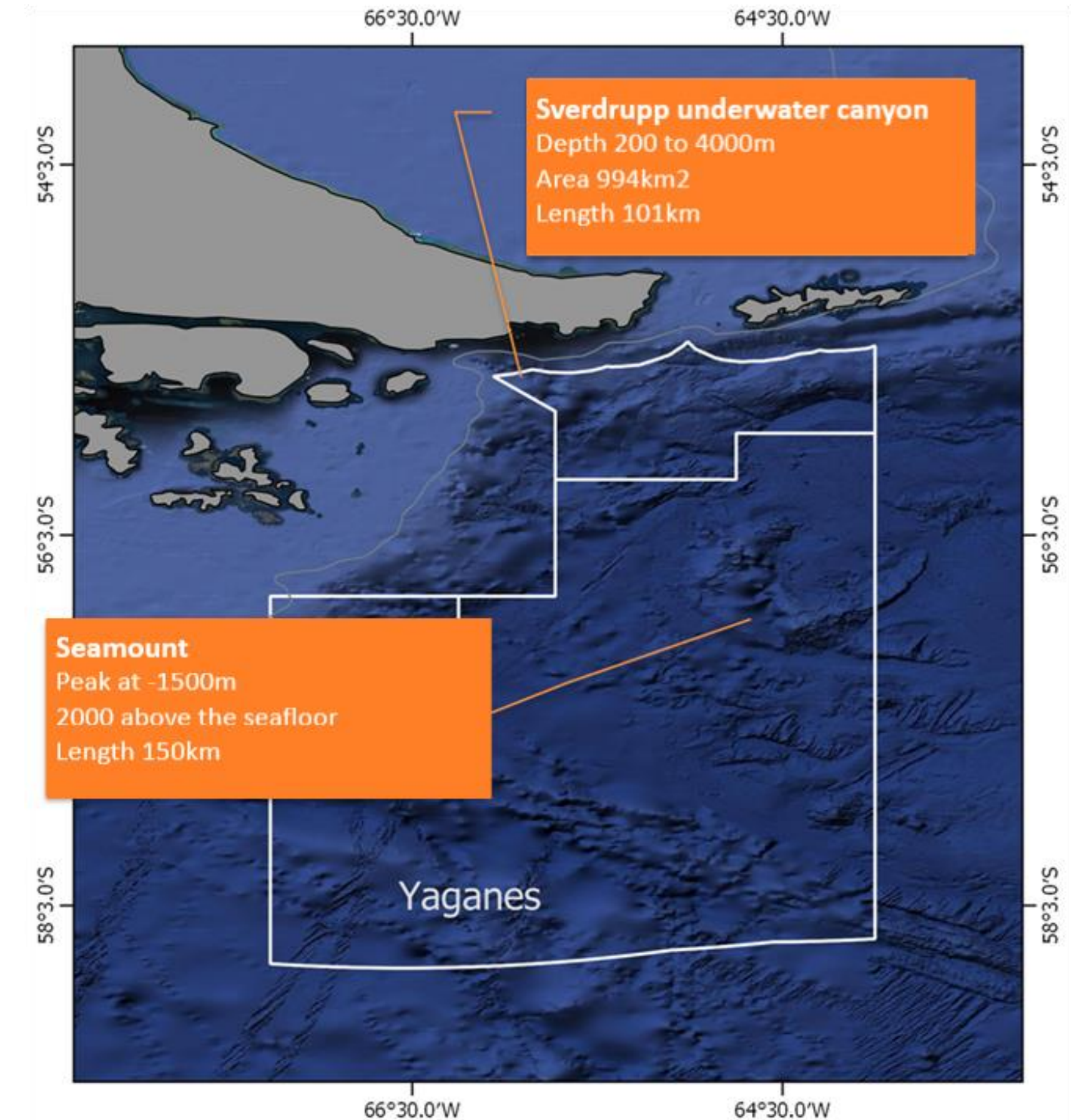
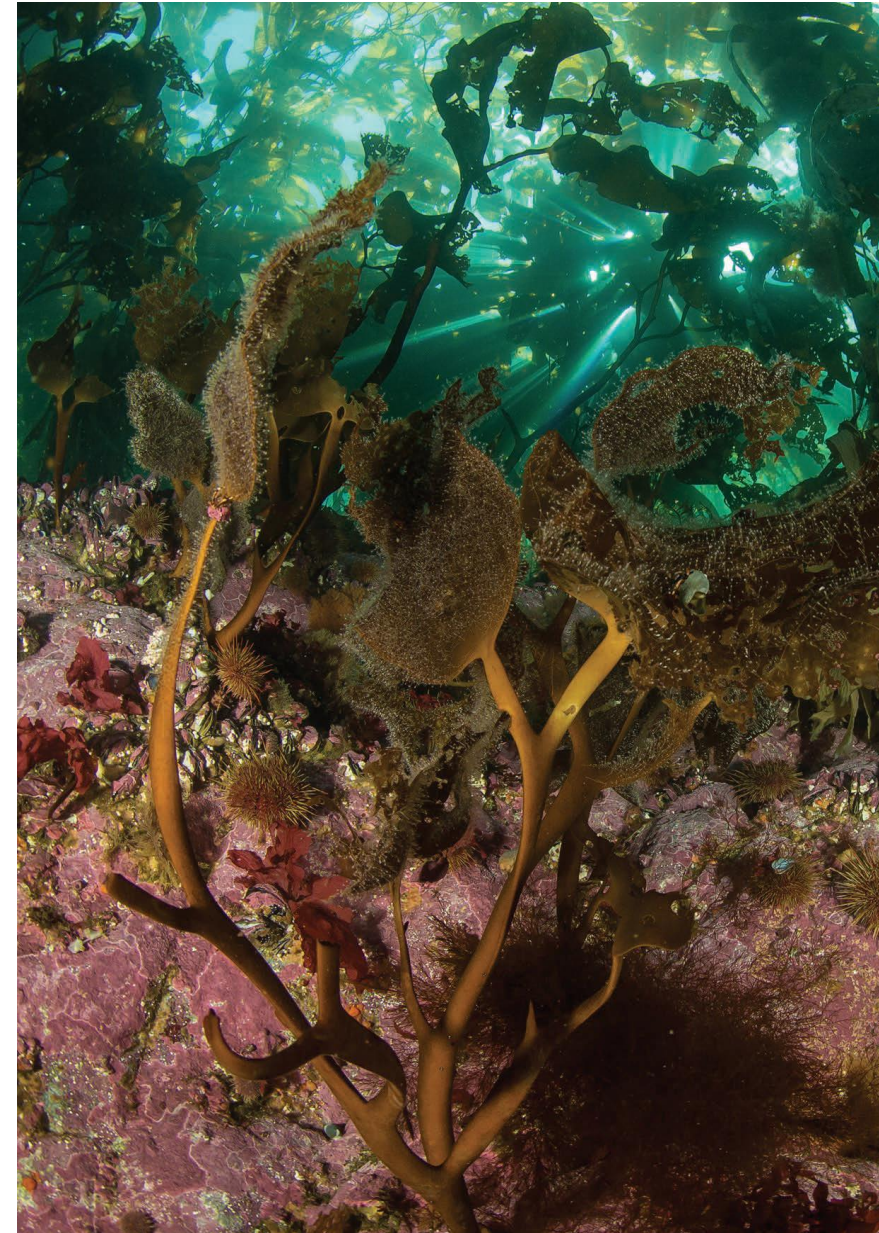


Location



Biodiversity

- Cold water Corals
- Canyons and seamounts
- Fishes of commercial interest
- Seabirds and marine mammals foraging grounds



Oceanographic Expedition – Yaganes MPA – APN & CONICET

October 29 – November 18 2022 – BO Austral (vessel)

Ushuaia, Tierra del Fuego

Chief Scientist: Mariano J. Diez

General Coordination: Gustavo Lovrich



Interinstitutional Agreements

CONICET and APN

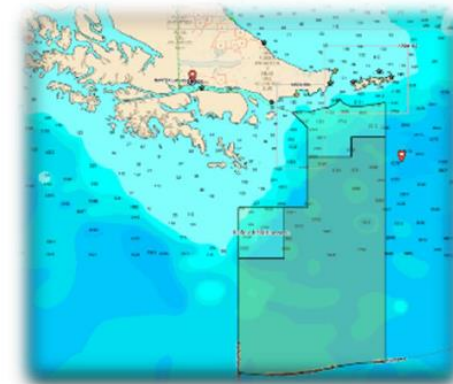
Management-science interface



Workshops with
researchers

Information

DEFINICIÓN DE FECHAS DE MÁXIMAS CONCENTRACIONES DE CLOROFILA PARA EL POLÍGONO DE YAGANES



Romero, S.I., y A. Pescio

SECCIÓN DINÁMICA OCEÁNICA Y DINÁMICA COSTERA (SHN)

ESCUELA DE CIENCIAS DEL MAR (FADARA, UNDEF)



República Argentina - Poder Ejecutivo Nacional
Las Malvinas son argentinas

Convenio Firma Conjunta

Número: CONVE-2022-93637741-APN-CONICET#MCT

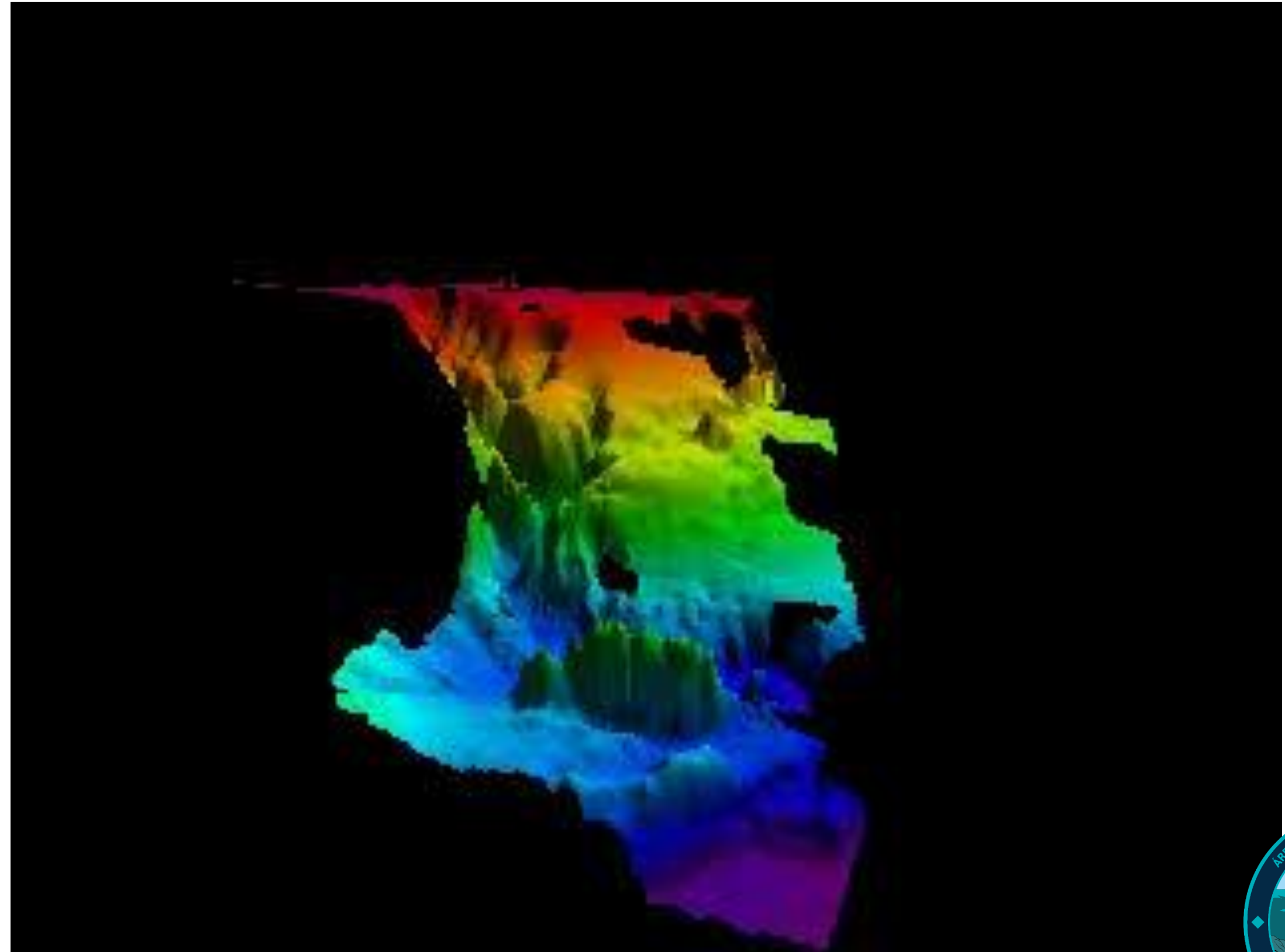
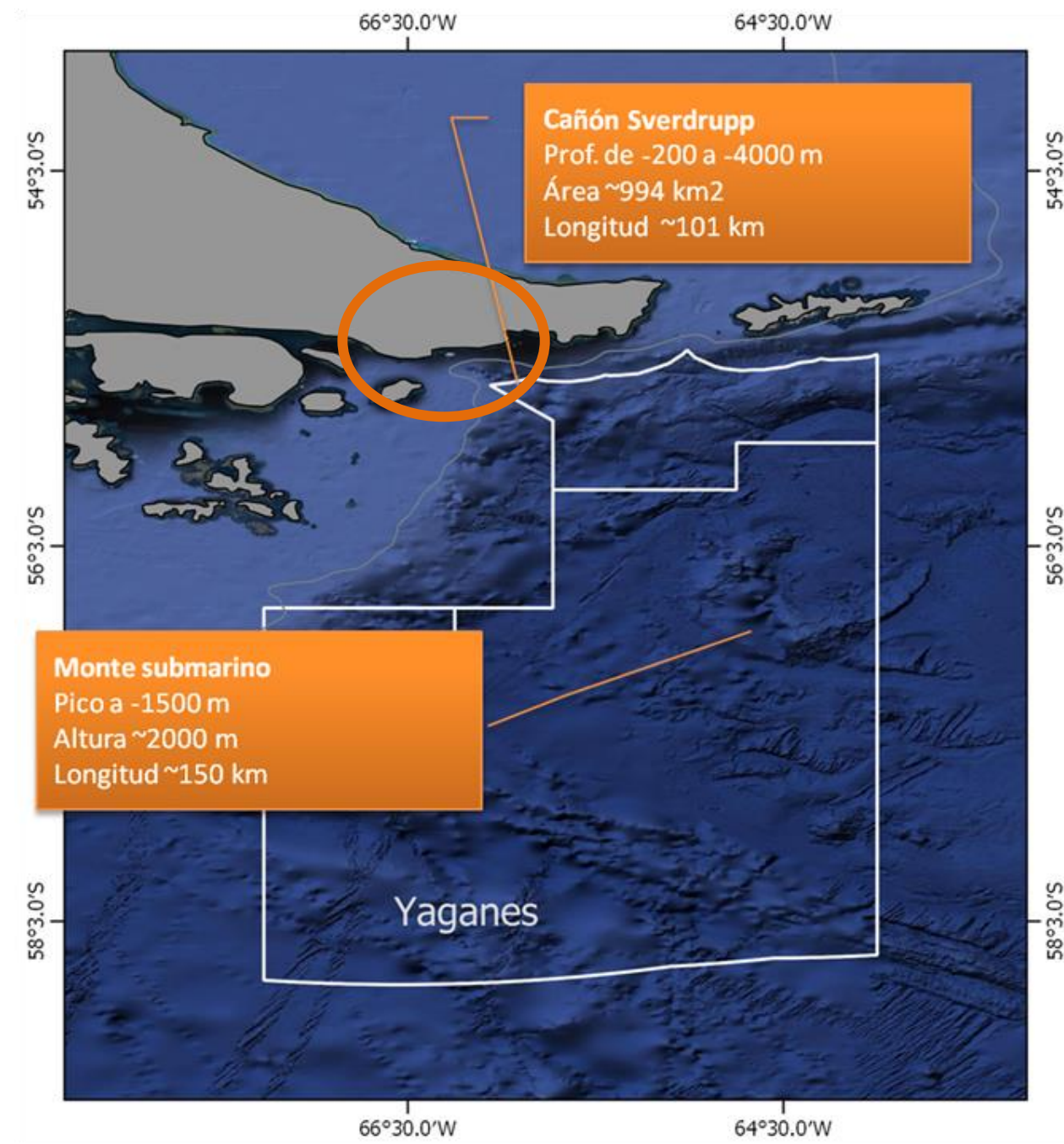
CIUDAD DE BUENOS AIRES
Martes 6 de Septiembre de 2022

Referencia: Convenio Firma Conjunta. Expediente Electrónico EX-2022-74684008- -APN-DCP#CONICET

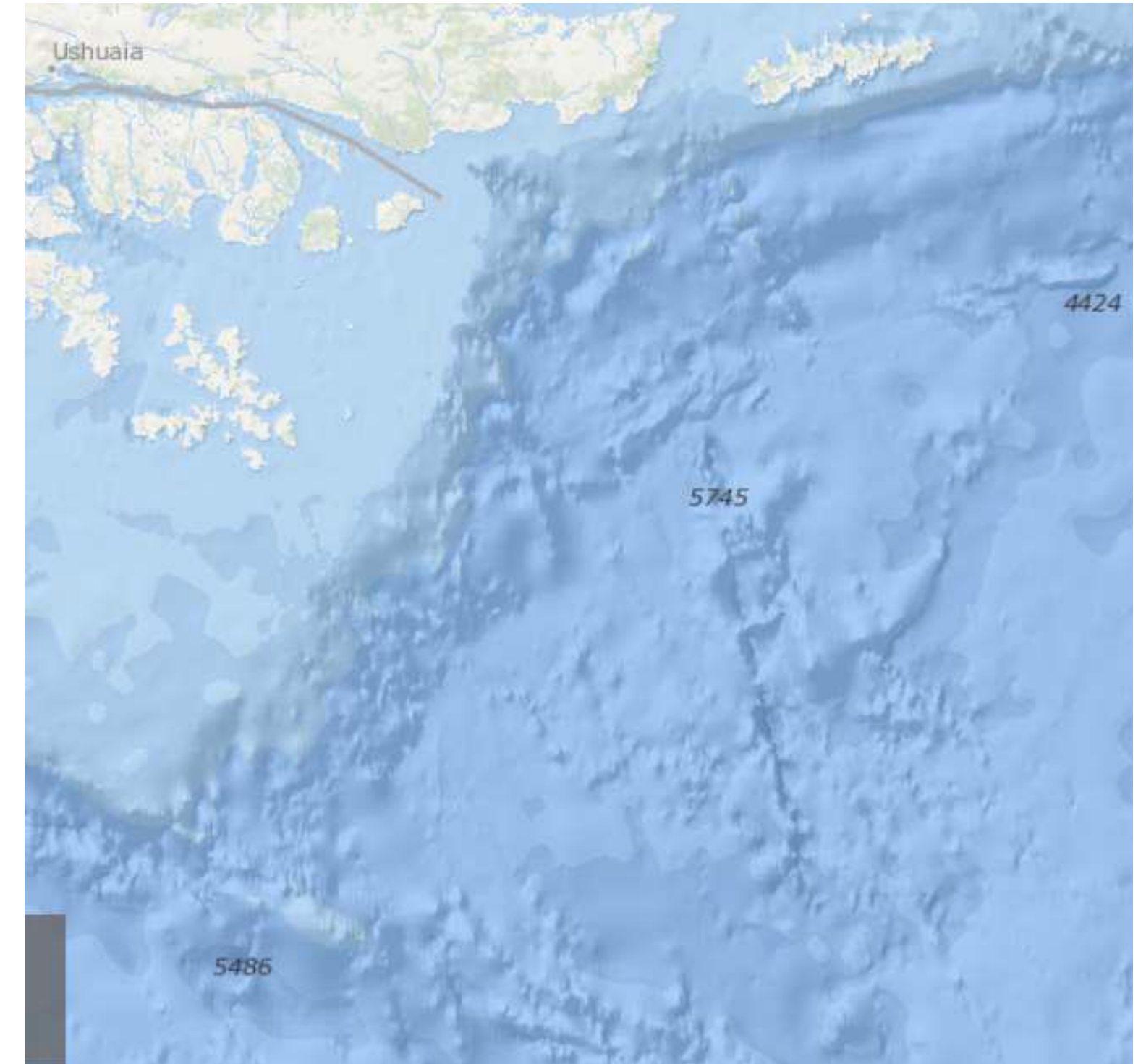
CONVENIO INTERADMINISTRATIVO ENTRE EL CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET) Y LA ADMINISTRACIÓN DE PARQUES NACIONALES (APN)

Entre el Consejo Nacional de Investigaciones Científicas y Técnicas, denominado en adelante el "CONICET", representado en este acto por su Presidenta, Dra. Ana María FRANCHI, con domicilio en Godoy Cruz Nro. 2290 de la Ciudad Autónoma de Buenos Aires, por una parte; y la Administración de Parques Nacionales denominada en adelante el "APN" representada en este acto por su Vicepresidenta Licenciada Natalia Gabriela JAURI, con domicilio en Av. Rivadavia 1475, de la Ciudad Autónoma de Buenos Aires, por la otra; y en conjunto denominadas las "Partes", acuerdan celebrar el presente Convenio Interadministrativo, en adelante el "Convenio", el cual se sujetará a las siguientes cláusulas y condiciones:

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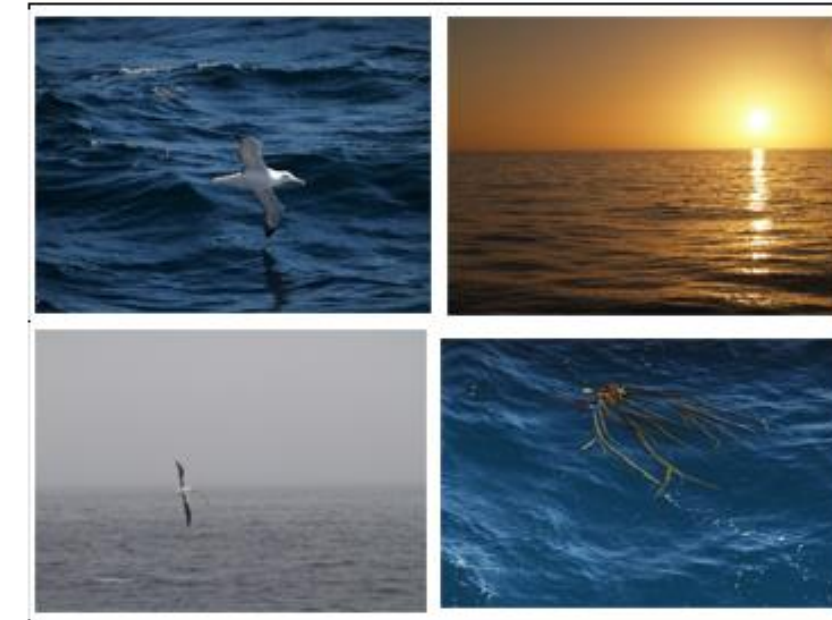


- Physical and biological oceanography
- Water column biodiversity (including environmental DNA)
 - Phyto & zooplankton
 - Ichthyofauna
 - Seabirds and marine mammals
- Carbon cycle and Carbon sequestration
- Microplastics



Management Plan Namuncurá Banco Burdwood MPA 2022-2027

PLAN DE GESTIÓN ÁREA MARINA PROTEGIDA NAMUNCURÁ BANCO BURDWOOD



ADMINISTRACIÓN DE PARQUES NACIONALES

2022



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Rivadavia 1475, (1033) C.A.B.A.
dnamp@apn.gob.ar



Ecosystem-Based Fisheries Management Plan

MPA Namuncurá Banco Burdwood

In process 2022

Management Plan

Yaganes MPA



Muchas gracias

<https://www.argentina.gob.ar/parquesnacionales/areas-marinas-protegidas>

Contacto: dnamp@apn.gob.ar