

**IHO Hydrographic Committee on Antarctica (HCA)
18th Meeting, Berlin, Germany. 24 - 26 May 2022.**

REPORT BY THE NAVAL HYDROGRAPHIC SERVICE



**MINISTERIO DE DEFENSA
SERVICIO DE HIDROGRAFIA
NAVAL**

Tel.: (54-11) 4301-0061/67

Fax.: (54-11) 4301-3883

Av. Montes de Oca 2124

www.hidro.gob.ar

(C1270ABV)Buenos Aires

REPUBLICA ARGENTINA

1. HYDROGRAPHIC OFFICE

MINISTERIO DE DEFENSA

SERVICIO DE HIDROGRAFÍA NAVAL www.hidro.gob.ar

2. SURVEYS

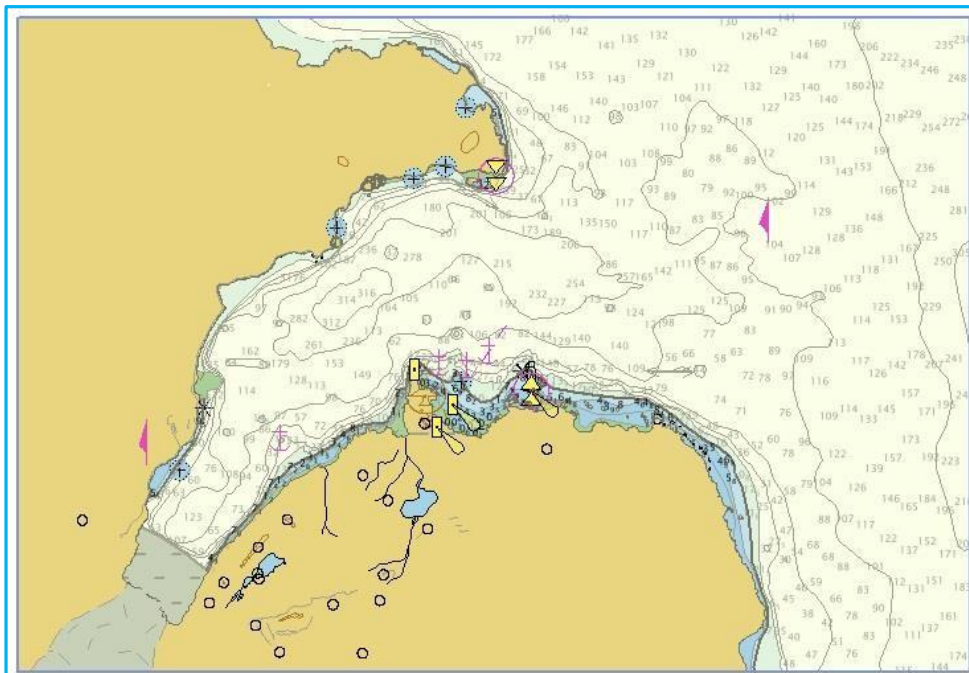
1.1 Isla Media Luna - Base Cámara. Singlebeam Survey 14DEC20 to 23DEC20.

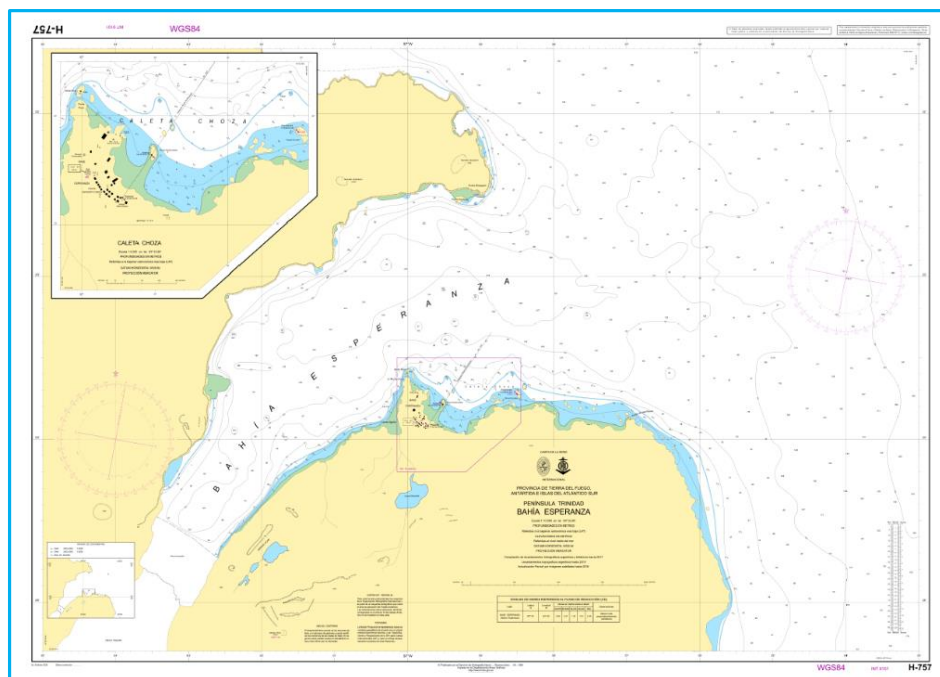
1.2 INT 9101 / H-757– Península Trinidad – Base Esperanza. Singlebeam Survey 07JAN21 to 17JAN21.

3. NEW CHARTS & UPDATES

3.1 New Charts

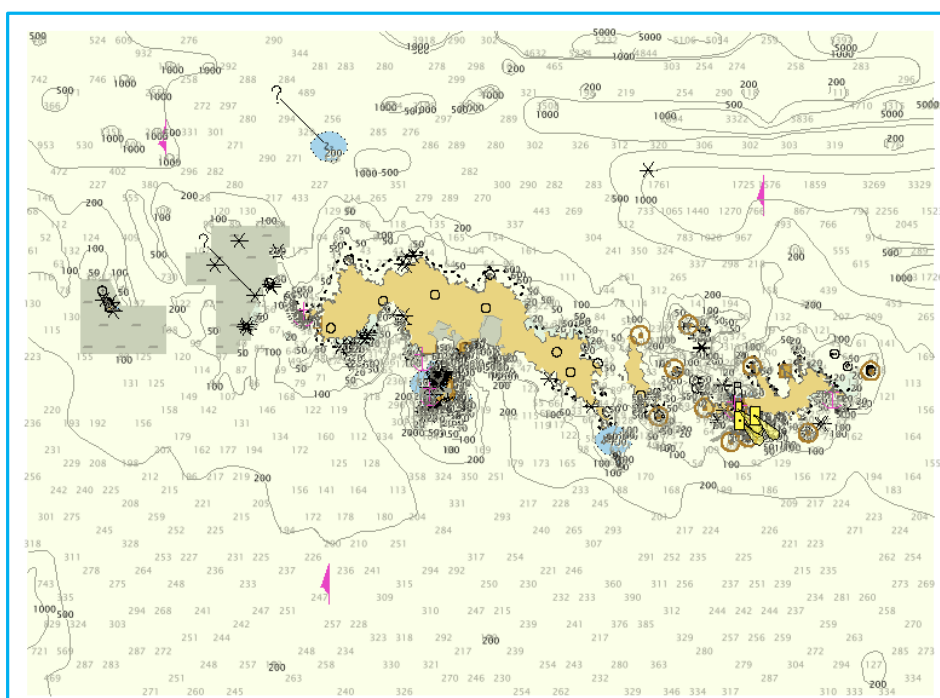
INT 9101 / H767 and AR507570 “Península Trinidad / Base Esperanza – Caleta Choza”. Published in August 2019.





INT 9101 / H-767 “Península Trinidad / Base Esperanza – Caleta Choza”	Boundaries	Scale
	North Latitude	1:10.000
	South Latitude	
	West Longitude	
	East Longitude	

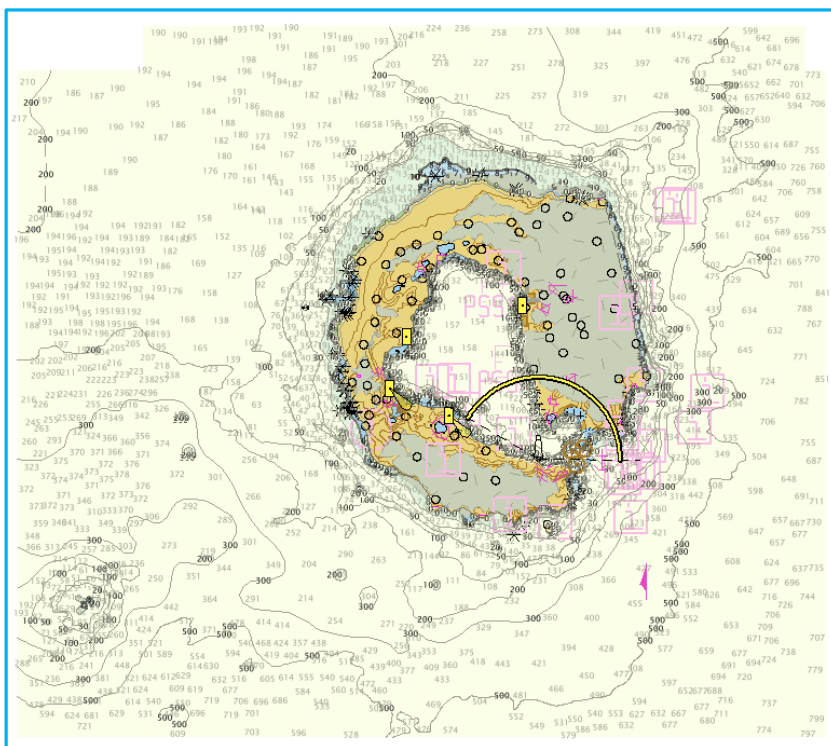
AR306110. Scale 1:180.000. Islas Orcadas del Sur. Published in October 2019.



	Boundaries	Scale
	North Latitude	1:180.000

AR306110	South Latitude	61° 10' 00" S	
	West Longitude	46° 55' W	
	East Longitude	44° 08' W	

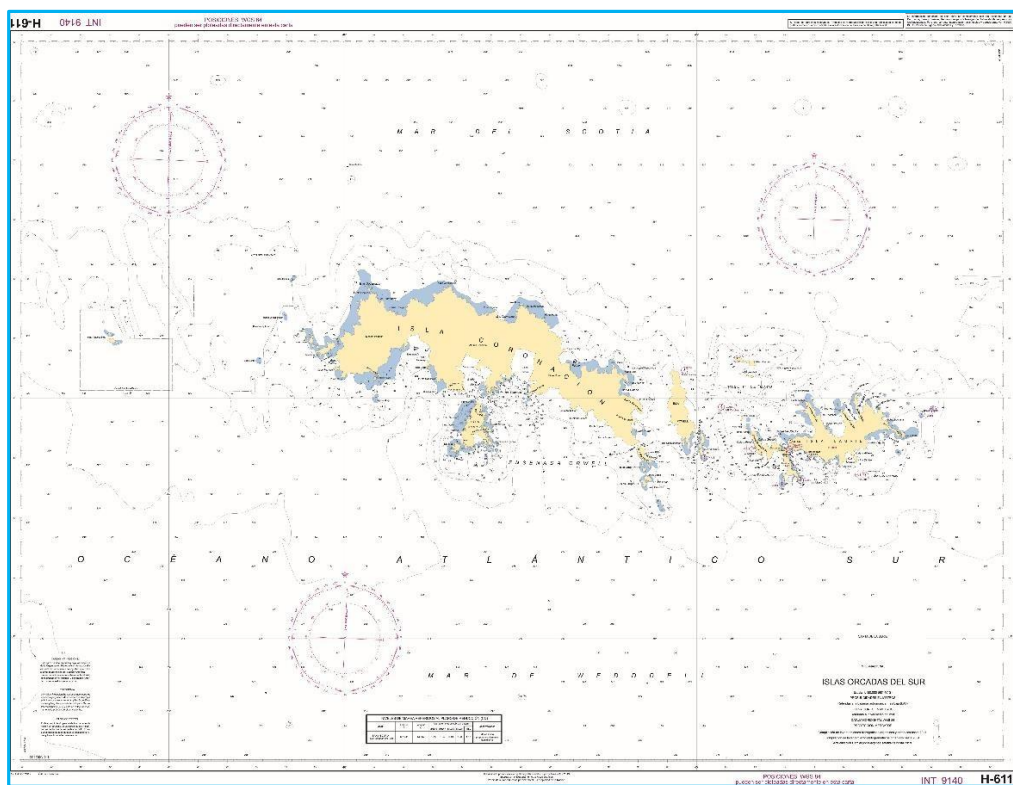
AR407620. Scale 1:50.000. Isla Decepción. Published in March 2022



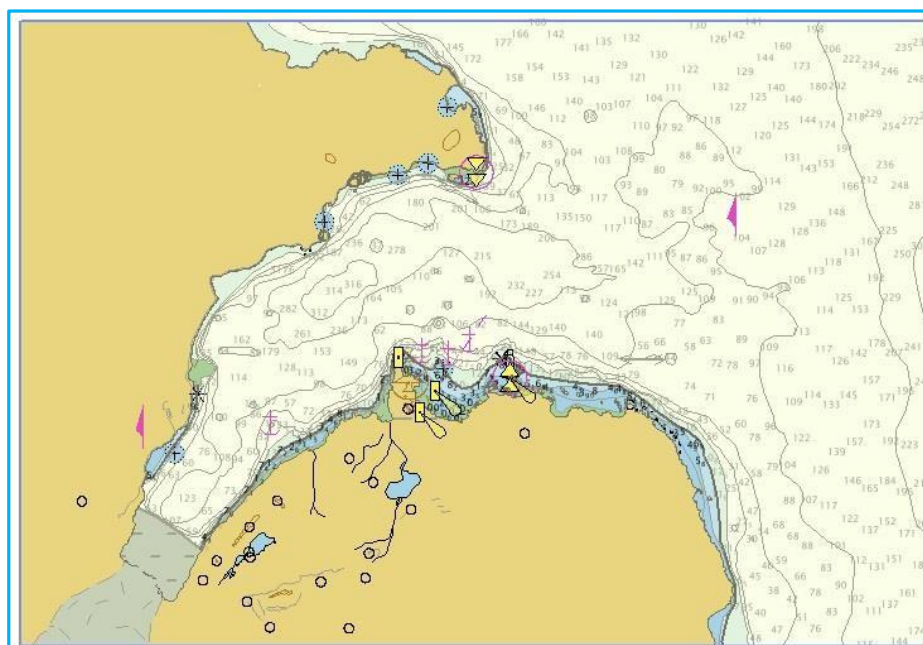
INT 9120 / H-762 “Islas Shetland del Sur / Isla Decepcion – Fuelles de Neptuno”	Boundaries	Scale
	North Latitude	62° 50' S
	South Latitude	63° 06' S
	West Longitude	61° 01' W
	East Longitude	60° 21' W
		1:50.000

3.2. New Updates.

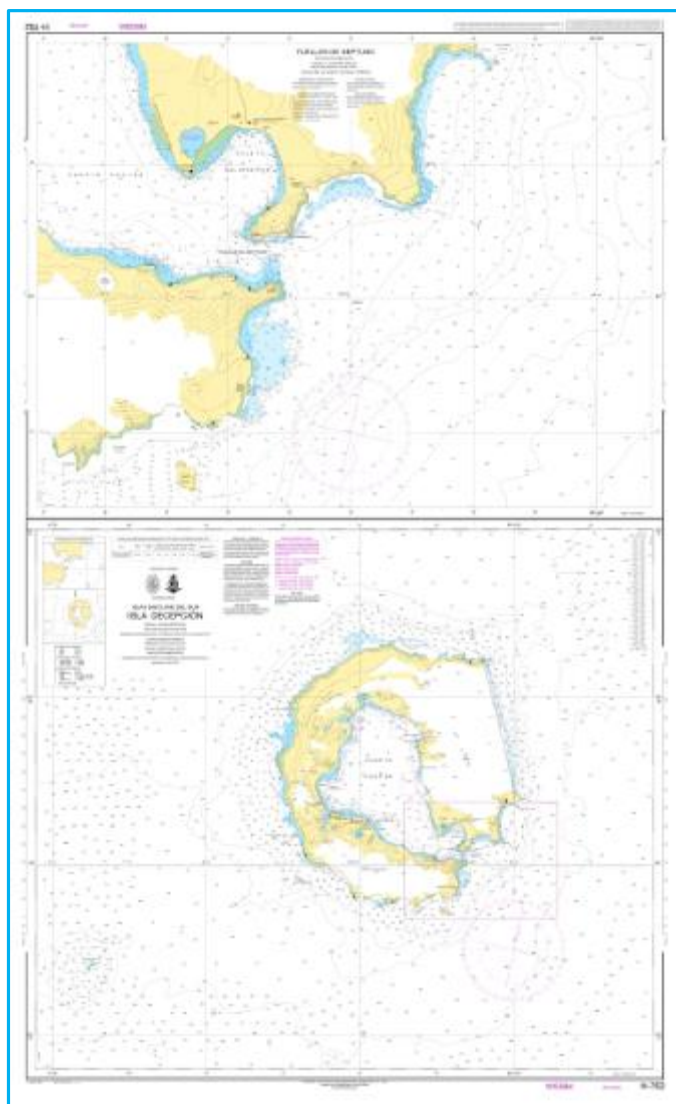
H-611 INT.9140. Provincia de Tierra del Fuego, Antártida e Islas del Atlántico Sur. Islas Orcadas del Sur. Scale 1:150.000. NC 2019. Published in April 2020.



AR507570 “Península Trinidad / Base Esperanza – Caleta Choza”. Published in December 2020



H-762 INT.9120. Islas Shetland del Sur. Isla Decepción. Scale 1:50.000. New Edition 2021. Published in March 2021. Cuarterón: Fuelles de Neptuno. Scale 1: 12500.



4. NEW PUBLICATIONS & UPDATES

Permanent update of Nautical Publications issued by the “Servicio de Hidrografía Naval” (the Naval Hydrographic Service). In particular, the publications on the Antarctic Area:

- H – 205 Derrotero Argentino Parte V. “Antártida y Archipiélagos Subantárticos Argentinos y Suplemento” (Sailing Directions Part V. Antarctica. H-205).
- H – 213 Faro y Señales Marítimas Parte III. “Tierra del Fuego, canales e islas adyacentes, Islas Malvinas y Antártida Argentina y Suplemento” (List of lights and Maritime Signals Part III H-213 Tide tables of 19 ports of Antarctica. Available at HCA web page.
- H-5051. CARTA Climática de la NAVAREA VI. VERANO (Diciembre – Enero – Febrero). NAVAREA VI Climate Chart. SUMMER (December – January – February).
- H-5021. CARTA Climática de la NAVAREA VI. OTOÑO (marzo – Abril – Mayo). NAVAREA VI Climate Chart. AUTUMN (March – April – May).
- H-5053. CARTA Climática de la NAVAREA VI. INVIERNO (Junio – Julio – Agosto). NAVAREA VI Climate Chart. WINTER (June – July – August).
- H-5054. CARTA Climática de la NAVAREA VI. PRIMAVERA (Septiembre –

Octubre – Noviembre). NAVAREA VI Climate Chart. SPRING (September – October – November).

- H-5081. Atlas de Nubes. Identificación y nomenclatura internacional según la Organización Meteorológica Mundial de los tipos de nubes empleadas en las observaciones del mensaje SHIP. 1ª Edición septiembre 2019. Cloud Atlas. Identification and international nomenclature according to the World Meteorological Organization of the types of clouds used in the observations of the SHIP message. 1st Edition September 2019.
- H-5082 Atlas de Olas. Identificación y nomenclatura internacional del Estado del Mar, según la altura de olas y velocidad del viento. 1ª Edición Septiembre 2019. Wave Atlas. Identification and international nomenclature of the State of the Sea, according to wave height and wind speed. 1st Edition September 2019.

5. MSI

Permanent Notice to Mariners.

6. AIS AtoN:

A new real AIS AtoN was installed at Base Petrel, with the positions detailed in the following table. This AIS is added to those previously installed at Base Orcadas, Base Carlini, Base Decepcion, Base Primavera, Base Esperanza, Base Brown y Base San Martin.

N°	Name	Type of Navigation Aid			MMSI	Latitude	Longitude
						Degrees seconds	minutes
1.00	Base Petrel	Reference Point	1	Real	997011148	63 28 35.77 S	56 13 35.79 W
1.01	Isla Uruguay	Not specified	0	Virtual	997016345	63 35 25.28 S	56 32 02.08 W
1.02	Isla Rosamel	Not specified	0	Virtual	997016344	63 33 43.37 S	56 17 42.62 W
1.03	Monte d'Urville	Not specified	0	Virtual	997016343	63 25 17.82 S	56 18 53.58 W
1.04	Roca Active	Not specified	0	Virtual	997016342	63 23 26.69 S	55 52 24.71 W
1.05	Cabo Purvis	Not specified	0	Virtual	997016341	63 34 34.99 S	56 01 06.53 W
1.06	Cabo Rodriguez	Not specified	0	Virtual	997016340	63 31 46.97 S	56 43 11.54 W
1.07	Rocas Jonassen	Not specified	0	Virtual	997016339	63 32 12.38 S	56 38 42.60 W
1.08	Cabo Scrymgeour	Not specified	0	Virtual	997016338	63 33 12.38 S	56 27 09.02 W
1.09	Baliza Sky	Not specified	0	Synthetic	997011149	63 28 23.27 S	56 13 32.69 W
1.10	Arrecife Diana	Not specified	0	Virtual	997016337	63 26 19.63 S	56 12 19.32 W



AIS AtoN – Base Petrel

7. S-55

Last update: 2016

8. CAPACITY BUILDING

Course on Antarctic Navigation

Course	Date	Support	Participants
XXXIIth Course on Antarctic Navigation	18th to 29th October 2021	“Dirección de Educación Naval” of the Argentine Navy	18

From 2019 Argentina provides the "Basic Course for ships operating in polar waters" as required by the IMO International Code for Ships Operating in Polar Waters (Polar Code Training) at the National School of Navigation (ESCUELA NACIONAL DE NAUTICA - ESNN). The IMO Polar Code is STCW mandatory as of 1 July 2018.

9. OCEANOGRAPHIC ACTIVITIES

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

Continuous and active participation in the Sub-Committee on Undersea Features Names (GEBICO-SCUFN).

10. ICE CHARTS & ANF ANTARCTIC GLACIOLOGY

See our web page link:

<http://www.hidro.gov.ar/smara/glacio/sglaciologica.asp#3>

Weekly updates for GLACIOLOGICAL REPORT, SEA ICE BORDER, SEA ICE CHARTS and GLACIOLOGICALOBSERVATIONS.