

HCA11-07.4Am



**SPAIN**

**NATIONAL REPORT**

**TO THE 11th HYDROGRAPHIC  
COMMISSION ON ANTARCTICA  
MEETING**

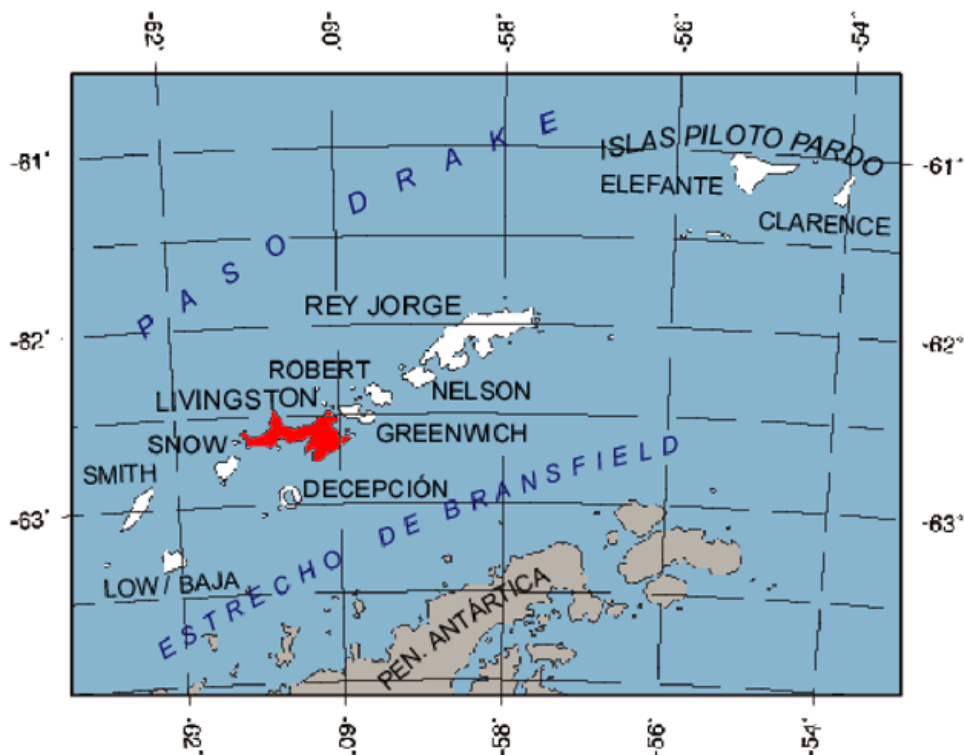
**HOBART, AUSTRALIA  
5 TO 7 OCTOBER 2011**

## 1. Hydrographic Service

Instituto Hidrográfico de la Marina (España).

## 2. Surveys

From the year 1999, no complete (i.e. not opportunity) hydrographic surveys have been carried out. An effort has been made to resume this paramount necessity and several surveys are programmed to be executed between January and February 2012. These surveys will be carried out by both a vessel and boats hydrographically capable. The goal of this hydrographic work is to continue developing the Spanish nautical chart scheme in the South Shetland Islands Region.



The surveys will be focused on covering most of the area from Decepción Island and Livingston Island. In Livingston Island two INT charts (INT 9121 and INT 9128) are planned to be updated.

Whenever possible, soundings along any Maritime Shipping Routes in the area will be taken.

As agreed in the last HCA meeting, bathymetric data in Livingston Island has been received from the United Kingdom. These data will help complete the corresponding Spanish charts.

In Decepción Island, surveys will be carried out to update Spanish chart 7003. As agreed in the last HCA meeting as well, these new data will be made available to Argentina, producer of the INT 9120 chart covering Decepción Island.

### **3. New Charts and updates**

#### **ENC**

As the new surveys allow producing new editions of INT 9121 and 9128, the related ENC production will also take place. These new ENC's will be distributed via the IC-ENC European RENC.

#### **INT Charts**

Spain has updated its national paper scheme chart for Antarctic. INT 9128 has been introduced replacing the national paper chart 7001 (HCA Letter 01/2011).

#### **National paper charts**

In Annex I and II the Spanish national paper chart scheme for Antarctic is shown, including number for relevant INT charts involved.

### **4. New publications and updates**

New editions:

The 2011 edition of "Catalogue of Nautical Charts and other Publications", which includes the new Spanish Chart Scheme in the Antarctic, has been published in September 2011.

The fourth edition of "Symbols, abbreviations and terms used on charts" is planned to be published in October 2011.

### **6. S-55**

NTR.

## **7. CAPACITY BUILDING**

NTR.

## **8. OCEANOGRAPHIC ACTIVITIES**

NTR.

## **9. Other activities.**

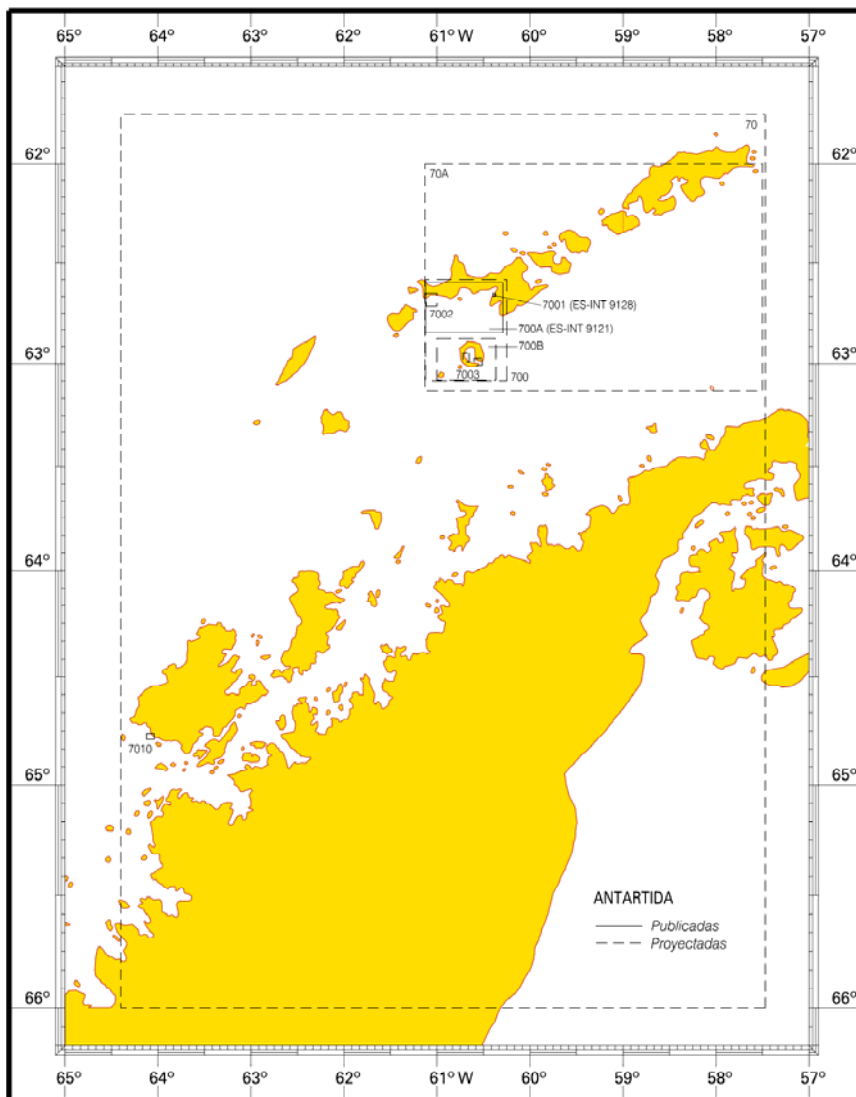
### **9.1 IHM takes part in several working groups within the IHO:**

- Definition and Length of Coastline Working Group.
- Chart Standardization and Paper Chart Working Group (CSPCWG).
- ENC Updating Working Group (EUWG).
- IC-ENC Technical Experts Working Group (TEWG).

### **9.2 IHM takes part in several working groups within NATO:**

- Geospatial Maritime Working Group (GMWG).
- AML Co\_Production (Additional Military Layers).

ANNEX I



**ANNEX II**

NÚM.	TÍTULO	ESCALA 1: (φr)	MARCOS				DIMENSIONES (mm)		CARTAS A CADUCAR
			NORTE	SUR	ESTE	OESTE			
70	Isla Rey Jorge y costa norte de la península Antártica a isla Anvers y estrecho Bransfield.	450 000 (63°30' S)	61° 45,00' S	66° 00,00' S	57° 30,00' W	64° 24,00' W	750 x 1051		
70A 1776 (GB)	Isla Livingston, a isla Rey Jorge.	200 000 (62°20' S)	62° 00,00' S	63° 07,90' S	57° 30,00' W	61° 13,50' W	964 x 634		
700	Costa Sur de la isla de Livingston a isla Decepción. Islas Shetland del Sur, estrecho Bransfield.	60 000 (62°50' S)	62° 35,00' S	63° 05,00' S	60° 15,00' W	61° 07,50' W	743 x 929		
700A INT 9121 (ES)	De punta Barnard a Campamento Byers . Isla Livingston, costa Sur.	40 000 (62°42,50' S)	62° 34,85' S	62° 51,00' S	60° 17,00' W	61° 07,50' W	1077 x 750		004ANT
	Plano adjunto: Isla Media Luna	25 000 (62°35,50' S)	62° 34,40' S	62° 36,95' S	59° 51,80' W	59° 57,60' W	199 x 190		003ANT
700B	Isla Decepción. Islas Shetland del Sur, estrecho Bransfield.	30 000 (62°59' S)	62° 52,75' S	63° 04,75' S	60°22,00' W	61° 00,00' W	1071 x 743		
7001 INT 9128 (ES)	Base Juan Carlos I.	5 000 (62°41' S)	62° 39,00' S	62° 39,90' S	60° 22,20' W	60° 24,00' W	307 x 334		001-002- 004ANT
7002	Campamento Byers. Isla Livingston, península Byers.	5 000 (62°40,75' S)	62° 39,00' S	62° 41,75' S	61° 01,50' W	61° 05,85' W	742 x 1021		
7003	Bahía Fumarolas y Fuelles de Neptuno. Isla Decepción, islas Shetland del Sur.								
	A. Base Gabriel de Castilla.	10 000 (62°58,75' S)	62° 57,00' S	62° 59,50' S	60° 39,25' W	60° 43,25' W	338 x 464		
	B. Fuelles de Neptuno.	12 500 (63°00' S)	62° 58,10' S	63° 01,60' S	60° 27,10' W	60° 37,10' W	676 x 520		
7010	Arthur Harbor. Archipiélago Palmer, isla Anvers.	5 000 (64°46,50' S)	64° 45,70' S	64° 47,30' S	64° 02,40' W	64° 07,35' W	785 x 595		011ANT