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IHB File No. S3/0128

7 April 2006

**HCA Letter No. 1/2006**

**To<sup>1</sup>:** a) Members & Observers of the IHO Hydrographic Committee on Antarctica  
b) Chairman of the IHO/CHRIS Chart Standardization and Paper Charts WG

**Subject:** INT Chart Scheme for Region 'M' (Antarctica)

**References:** a) Minutes of the HCA5 Meeting.  
b) IHB Circular Letter 11/2006 dated 24 January 2006

Dear Sir or Madam,

As reflected in reference a), twenty additions to the INT Chart Scheme for Region 'M', as prepared by the HCA Survey Programme WG based on a proposal made by IAATO (Capt. Skog, Chairman of the IAATO Marine Committee), were accepted at the 5th HCA Meeting for inclusion as new INT charts / inset plans (Decision No. 5 refers).

Consequently the IHB, in liaison with the HCA Survey Programme WG Chair, was tasked to prepare an update of the INT Chart Scheme, incorporating the agreed additions. This included identification of existing INT charts which could include inset plans, assignment of INT numbers to new INT charts, and allocation of responsibilities for their production.

The resulting proposed changes are highlighted in Annexes A and B. They relate to pages 12 to 15 of M-11, Region 'M'. As in M-11, Annex A contains general information on the charts, eg. producer, edition date, scale, whereas Annex B provides supplementary information such as chart title and limits. Both annexes are linked via the INT numbers, ie. by clicking on any chart number in Annex A, one can access the corresponding supplementary information in Annex B.

As you will see, it is proposed to amend one chart, ie. INT 9112, and to include seven new charts, ie. INT 9113, 9114, 9115, 9116, 9130, 9131 and 9132. Changes from the existing scheme are shown in red colour (new charts/plans) and green colour (transfer of plans) on the diagrams in Annex A. Proposed INT 9113 to 9116 are similar in concept to the existing INT 9112, ie. they are composed of various plans, hence their numbers follow that of the latter chart. Proposed INT 9130 to 9132 at scale 1:75 000 are the only charts at that scale in the scheme, hence the suggestion to give them numbers in the 9130' series.

Regarding the production of those charts, the UK Hydrographic Office is already producer for INT 9112; they have kindly volunteered to also produce INT 9113 and they may also offer to produce INT 9116, 9130, 9131 and 9132 if there are no other volunteering HOs. Argentina may wish to produce INT 9114, as they are already in charge of the nearby INT 9101. A volunteering HO is sought to produce the remaining INT 9115.

HCA Member States and the CSPCWG Chairman are kindly requested to consider/review these proposals and provide their comments to the IHB **by 15 June 2006**.

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<sup>1</sup> This letter is sent by e-mail only. However, paper copies will be mailed on request to the IHB ([info@ihb.mc](mailto:info@ihb.mc))

The Bureau wishes to express its sincere thanks to the Chairman of the HCA Survey Programme WG, Mr. Andrew Willett (UKHO), for his most valuable assistance in preparing the attached documents.

Information referring to the next HCA meeting, including the status of actions resulting from the latest meeting (HCA5), will be dealt with in another HCA Letter to be issued shortly.

Thank you for your attention.

A handwritten signature in blue ink, appearing to read 'H. Gorziglia', is centered on the page.

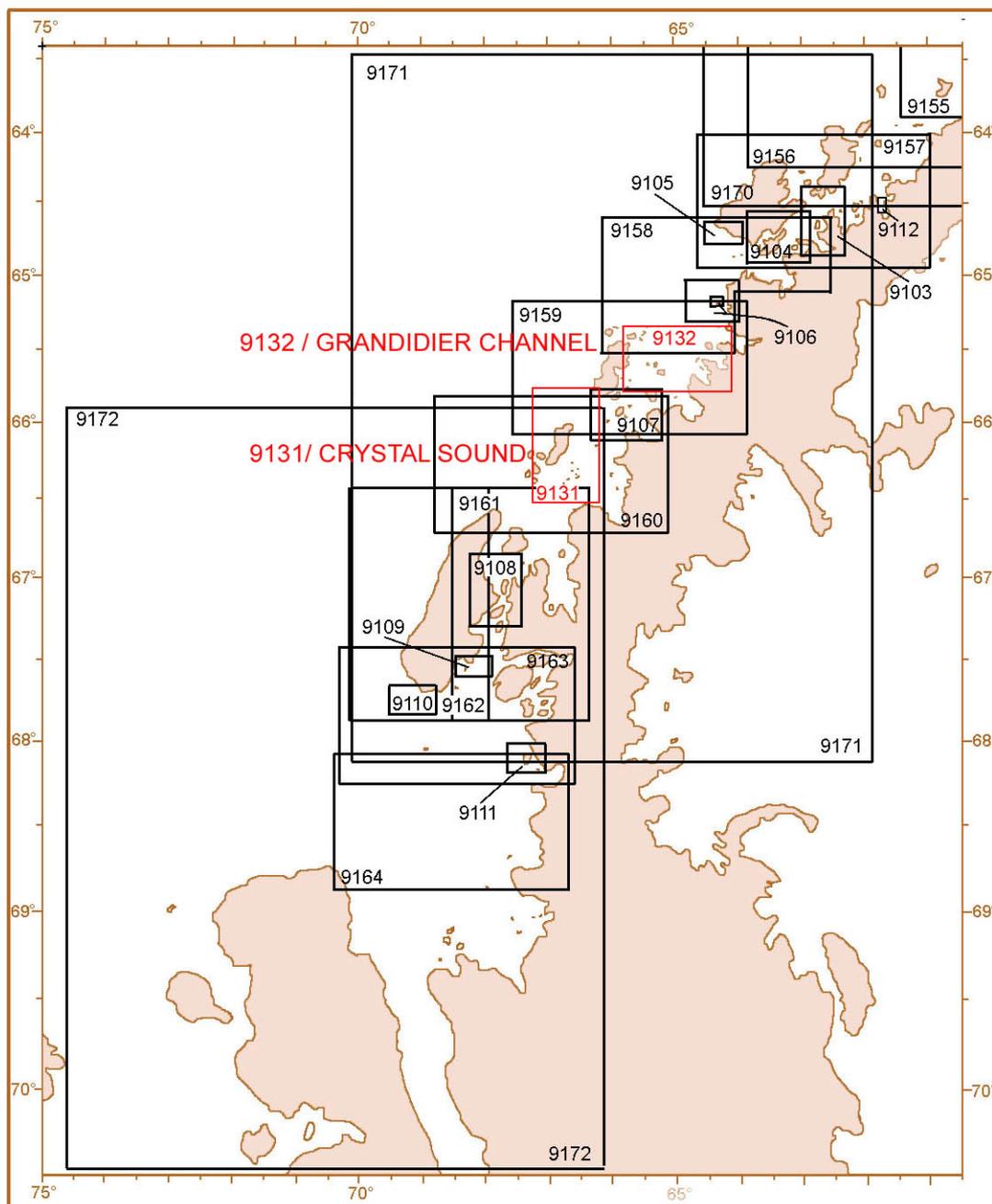
Captain Hugo M. GORZIGLIA  
IHB Director and Chairman of HCA

Enclosures: Annexes A & B – Proposed changes to the INT Chart Scheme for Region 'M'

Proposed changes to M-11, Region 'M', Pages 12-15

ANTARCTIC PENINSULA,  
GRAHAM LAND – PALMER LAND

*PENINSULE ANTARCTIQUE, TERRE  
DE GRAHAM – TERRE DE PALMER*



**ANTARCTIC PENINSULA,  
GRAHAM LAND – PALMER LAND**

***PENINSULE ANTARCTIQUE, TERRE  
DE GRAHAM – TERRE DE PALMER***

INT No.	Producer <i>Producteur</i>	National No.	Date		Scale/ <i>Echelle</i>		Format <i>(cm)</i>	Printer <i>Reproducteur</i>
			Publication	N. Edition	1:	Latitude		
<a href="#">9103</a>	CL				50 000	66°30'		
<a href="#">9104</a>	CL				50 000			
<a href="#">9105</a>	US (NGA)				25 000			
	Plan: A – Arthur Harbour 1:10 000							
<a href="#">9106</a>	GB	3575	1996		60 000			
	Plan: A – Argentine Islands 1:15 000							
<a href="#">9107</a>	GB	3468			50 000			
<a href="#">9108</a>	CL				50 000			
<a href="#">9109</a>	GB	3462	1999		25 000			
<a href="#">9110</a>	CL				30 000			
<a href="#">9111</a>	AR				25 000			
<a href="#">9112</a>	See/ <i>Voir</i> M-14							
<a href="#">9131</a>	<a href="#">GB ?</a>				<a href="#">75 000</a>	<a href="#">66°30'</a>	<a href="#">65 x 104</a>	
<a href="#">9132</a>	<a href="#">GB ?</a>				<a href="#">75 000</a>	<a href="#">66°30'</a>	<a href="#">107 x 74</a>	
<a href="#">9155</a>	See/ <i>Voir</i> M-14							
<a href="#">9156</a>	See/ <i>Voir</i> M-14							
<a href="#">9157</a>	CL				150 000	66°30'		
<a href="#">9158</a>	GB	446	2001	2003	150 000	66°30'		DE (446-03)
	Plan: A – Port Lockroy 1:12 500							
<a href="#">9159</a>	GB	447	Proj. 2006		150 000	66°30'		
<a href="#">9160</a>	GB	448	Proj. 2006		150 000	66°30'		
<a href="#">9161</a>	CL				150 000	66°30'		
<a href="#">9162</a>	CL				150 000	66°30'		
<a href="#">9163</a>	GB	2974	Proj. 2005		150 000	66°30'		
<a href="#">9164</a>	CL				150 000	66°30'		
<a href="#">9170</a>	See/ <i>Voir</i> M-14							
<a href="#">9171</a>	GB	3570			500 000	67°		
<a href="#">9172</a>	RU	51098	1999		500 000	67°		

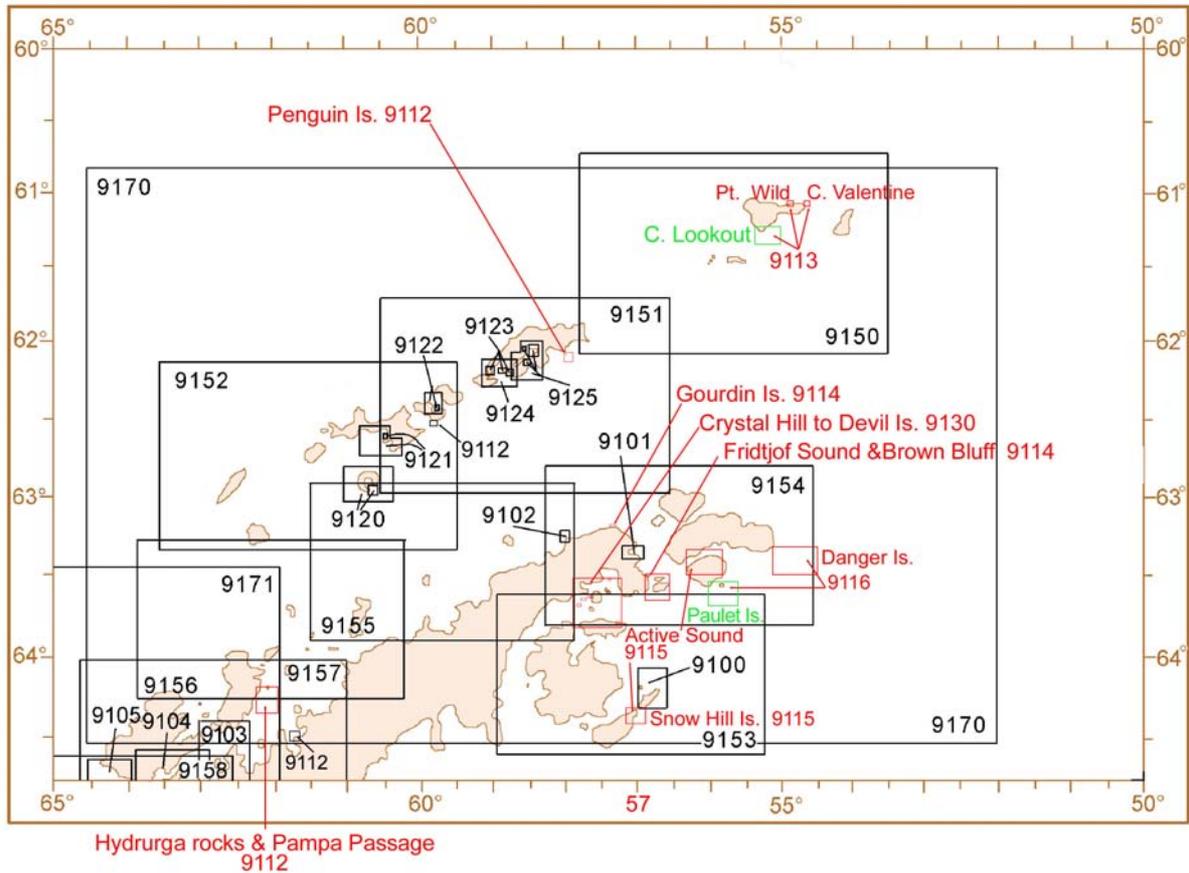
**ANTARCTIC PENINSULA,  
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SHETLANDS ISLANDS**

***PENINSULE ANTARCTIQUE, TERRE  
DE GRAHAM – ILES SHETLAND DU  
SUD***

INT No.	Producer <i>Producteur</i>	National No.	Date		Scale/Echelle		Format	Printer <i>Reproducteur</i>
			Publication	N. Edition	1:	Latitude		
<a href="#">9100</a>	AR	H-550			25 000			
	Plan: A – Base aérea Marambio 1:5 000							
<a href="#">9101</a>	AR	H-757			10 000			
	Plan: A – Base esperanza, Caleta Choza 1:5 000							
<a href="#">9102</a>	CL	14511	2003		10 000			
<a href="#">9103</a>	See/ <i>Voir</i> M-13							
<a href="#">9104</a>	See/ <i>Voir</i> M-13							
<a href="#">9105</a>	See/ <i>Voir</i> M-13							
<a href="#">9112</a>	GB							
	Plans: A – Yankee Harbour 1:12 500; B – <del>Cape Lookout, Elephant Island-Freud (Pampa) Passage</del> 1:50 000; C – Portal Point 1:25 000; D – <del>Paulet Island 1:50 000</del> Penguin Island 1:20 000; E – Hydrurga Rocks 1:10 000.							
<a href="#">9113</a>	<u>GB</u>							
	Plans: A -- Cape Lookout 1:50 000; B -- Cape Valentine 1:10 000; C -- Point Wild 1:10 000.							
<a href="#">9114</a>	<u>ARG ?</u>							
	Plans: A -- Fridtjof Sound 1:50 000; B -- Brown Bluff 1:10 000; C – Gourdin Island 1:15 000.							
<a href="#">9115</a>	<u>?</u>							
	Plans: A – Snow Hill Island 1:30 000; B – Active Sound 1:50 000.							
<a href="#">9116</a>	<u>GB ?</u>							
	Plans: A – Paulet Island 1:50 000; B – Danger Islands 1:50 000.							
<a href="#">9120</a>	AR	100	2004		50 000			
	Plan: A – Fuelles de Neptuno 1:12 500							
<a href="#">9121</a>	ES	004 ANT	1998		35 000	62°41'		GB
	Plans: A – Isla de la Media Luna 1:25 000; B – Base Juan Carlos I 1:5 000							
<a href="#">9122</a>	CL	14270	1998			62°27.5'		
	Plans: A – Bahía Chile 1 :20 000 ; B - Puerto Soberanía y Ensenadas Rojas e Iquique 1:5 000							
<a href="#">9123</a>	CL				10 000			
	Plans: A – Caleta Potter 1:10 000; B – Caleta Ardley 1:10 000; C – Caleta Marian 1:10 000							
<a href="#">9124</a>	CL				25 000			
<a href="#">9125</a>	BR & PE				40 000			
	Plans: A – Ensenada Martel 1:20 000; B – Estação Arctowski 1:10 000; C – Ensenada Mackellar 1:15 000							
<a href="#">9130</a>	<u>GB ?</u>				<u>75 000</u>	<u>66°30'</u>		
	Plans: A – Bald Head 1:10 000; B – View Point 1:10 000; C – Matts Head 1:10 000; D – Crystal Hill 1:10 000, E – Camp Point 1:10 000, F – Devil Island 1:10 000.							
<a href="#">9150</a>	BR	25110	1999		200 000	62°30'		
<a href="#">9151</a>	CL				200 000	62°30'		
<a href="#">9152</a>	CL				200 000	62°30'		
<a href="#">9153</a>	GB & AR	(GB) 227	1999	2004	150 000	66°30'		
<a href="#">9154</a>	GB & AR	(GB) 225	1996	2002	150 000	66°30'		
<a href="#">9155</a>	CL	14400	2003		150 000	66°30'		
<a href="#">9156</a>	AR		Proj. 2005		150 000	66°30'		
<a href="#">9157</a>	See/ <i>Voir</i> M-13							
<a href="#">9158</a>	See/ <i>Voir</i> M-13							
<a href="#">9170</a>	AR	H-700	1997		500 000	67°		
<a href="#">9171</a>	See/ <i>Voir</i> M-13							

ANTARCTIC PENINSULA,  
GRAHAM LAND – SOUTH  
SHETLANDS ISLANDS

*PENINSULE ANTARCTIQUE, TERRE  
DE GRAHAM – ILES SHETLAND DU  
SUD*



Annex B to HCA Letter 1/2006

**Proposed changes to M-11, Region ‘M’, Pages 12-15, Supplement**

<b>ANTARCTIC PENINSULA, GRAHAM LAND – PALMER LAND</b>	<b><i>PENINSULE ANTARCTIQUE, TERRE DE GRAHAM – TERRE DE PALMER</i></b>
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No. INT	Title/Plan Title	CHART LIMITS				Printer (Nat. No – Date)
		Latitude		Longitude		
		South	North	West	East	
9103	Gerlache Strait	64°56.0'S	64°26.5'S	63°05.0'W	62°14.0'W	
9104	Gerlache Strait	64°58.6'S	64°38.5'S	63°50.0'W	62°46.5'W	
9105	Bismarck strait, Approaches to Arthur Harbour	64°51.0'S	64°41.0'S	64°28.5'W	63°54.0'W	
	Plan A – Arthur Harbour	64°47.3'S	64°45.7'S	64°06.3'W	64°02.2'W	
9106	Argentine Islands and Approaches	65°22.9'S	65°05.2'S	64°46.0'W	63°56.0'W	
	Plan A – Argentine Islands	65°16.0'S	65°12.0'S	64°23.0'W	64°10.4'W	
9107	Pendleton Strait etc.	66°10'S	65°50'S	66°14'W	65°06'W	
9108	Hanusse Bay to Wyatt Island	67°21'S	66°54'S	68°08'W	67°18'W	
9109	British Antarctic Survey Base Rothera	67°39.9'S	67°31.3'S	68°22.9'W	67°47.0'W	
9110	Adelaide Island, South Western Approaches	67°54'S	67°43'S	69°25'W	68°40'W	
9111	Bahía Margarita	68°14'S	68°04'S	67°33'W	66°55'W	
<a href="#">9131</a>	<a href="#">Crystal Sound</a>	<a href="#">66°32.0'S</a>	<a href="#">65°50.0'S</a>	<a href="#">67°15.0'W</a>	<a href="#">66°10.0'W</a>	
<a href="#">9132</a>	<a href="#">Grandidier Channel</a>	<a href="#">65°52.0'S</a>	<a href="#">65°22.0'S</a>	<a href="#">65°50.0'W</a>	<a href="#">64°05.0'W</a>	
9157	Gerlache Strait	65°00.5'S	64°04.0'S	64°36.5'W	60°54.0'W	
9158	Anvers Island to Renaud Island	65°35.3'S	64°40.0'S	66°08.0'W	62°25.5'W	GB (446 – 03)
	Plan A – Port Lockroy	64°50.3'S	64°48.3'S	63°35.0'W	63°28.2'W	
9159	Pendleton Strait & Grandidier Channel	66°08.2'S	65°14.0'S	67°30.0'W	63°48.0'W	
9160	Crystal Sound	66°45.8'S	65°53.0'S	68°42.5'W	65°00.0'W	
9161	Matha Strait to Pourquoi Pas Island	67°55.7'S	66°30.0'S	68°26.4'W	66°15.0'W	
9162	Adelaide Island	67°55.7'S	66°30.0'S	70°01.4'W	67°50.0'W	
9163	Marguerite Bay; Rothera	68°18.5'S	67°29.0'S	70°12.5'W	66°30.0'W	
9164	Margarita Bay	68°56.0'S	68°08.0'S	70°17.5'W	66°35.0'W	
9171	Brabant Island to Adelaide Island	68°10'S	63°30'S	70°00'W	61°50'W	
9172	Matha Strait to Rothschild Island	70°30'S	66°00'S	74°30'W	66°00'W	

**ANTARCTICA PENINSULA, GRAHAM LAND  
– SOUTH SHETLANDS ISLANDS**

**PENINSULE ANTARCTIQUE, TERRE DE  
GRAHAM – ILES SHETLAND DU SUD**

No. INT	Title/Plan Title	CHART LIMITS				Printer (Nat. No – Date)
		Latitude		Longitude		
		South	North	West	East	
9100	Isla Marambio	64°20.0'S	64°06.0'S	56°54.5'W	56°31.5'W	
	Plan A – Base aérea Marambio	64°14.6'S	64°14.0'S	56°38.7'W	56°36.8'W	
9101	Península Trinidad	63°26'S	63°22'S	57°05'W	56°53'W	
	Plan A – Base Esperanza, Caleta Choza	63°24.2'S	63°23.5'S	57°00.0'W	56°58.3'W	
9102	Estrecho Bransfield, Rada Covadonga y Accesos	63°20.0'S	63°15.5'S	58°00.0'W	57°53.0'W	
9112	Various Plans in Bransfield Strait					
	Plan A – Yankee Harbour	62°32.9'S	62°30.9'S	59°50.0'W	59°44.0'W	
	Plan B – <del>Cape Lookout, Elephant Island Freud (Pampa) Passage</del>	64°22.0'S 61°22.3'S	64°12.5'S 61°14.0'S	62°13.5'W 55°22.0'W	61°58.0'W 55°00.0'W	
	Plan C – Portal Point	64°32.1'S	64°28.0'S	61°49.0'W	61°39.0'W	
	Plan D – <del>Paulet Island Penguin Island</del>	62°08.0'S 63°41.0'S	62°05.0'S 63°32.0'S	57°59.5'W 56°00.0'W	57°52.5'W 55°35.0'W	
	Plan E – Hydrurga Rocks	64°09.5'S	64°07.5'S	61°40.0'W	61°35.0'W	
9113	<u>Plans in Elephant Island</u>					
	<u>Plan A - Cape Lookout</u>	61°22.3'S	61°14.0'S	55°22.0'W	55°00.0'W	
	<u>Plan B - Cape Valentine</u>	61°07.0'S	61°04.0'S	54°40.5'W	54°35.0'W	
	<u>Plan C - Point Wild</u>	61°07.0'S	61°04.0'S	54°54.5'W	54°49.0'W	
9114	<u>Plans in Antarctic Sound</u>					
	<u>Plan A - Fridtjof Sound</u>	63°38.0'S	63°29.0'S	56°55.0'W	56°34.0'W	
	<u>Plan B - Brown Bluff</u>	63°31.4'S	63°30.2'S	56°55.0'W	56°51.0'W	
	<u>Plan C - Gourdin Island</u>	63°12.2'S	63°10.4'S	57°21.0'W	57°15.0'W	
9115	<u>Plans in Active Sound and Snow Hill Island</u>					
	<u>Plan A - Snow Hill Island</u>	64°24.0'S	64°18.0'S	57°10.0'W	56°53.0'W	
	<u>Plan B - Active Sound</u>	63°30.0'S	63°20.0'S	56°20.0'W	55°50.0'W	
9116	<u>Plans in Paulet and Danger Islands</u>					
	<u>Plan A - Paulet Island</u>	63°41.0'S	63°32.0'S	56°00.0'W	55°35.0'W	
	<u>Plan B - Danger Islands</u>	63°30.0'S	63°19.0'S	55°04.0'W	54°29.0'W	
9120	Isla Decepción	63°06'S	62°50'S	61°01'W	60°21'W	
	Plan A - Fuelles de Neptuno	63°01.6'S	62°58.1'S	60°37.1'W	60°27.1'W	
9121	Isla Livingston, de Punta Band a la Bahía Brunow	62°47.3'S	62°33.8'S	60°48.8'W	60°06.0'W	GB (1740-04)
	Plan A – Isla de la Media Luna	62°40.0'S	62°39.0'S	60°24.0'W	60°22.0'W	
	Plan B – Base Juan Carlos I	62°37.1'S	62°34.5'S	59°56.0'W	59°50.5'W	
9122	Bahía Chile, Puerto Soberanía y Ensenadas Rojas e Iquique					
	Plan A - Bahía Chile	62°31.0'S	62°24.0'S	59°50.0'W	59°37.0'W	
	Plan B - Puerto Soberanía y Ensenadas Rojas e Iquique	62°29.5'S	62°27.8'S	59°42.0'S	59°39.0'W	
9123	Caletas en Bahía Fildes					
	Plan A – Caleta Potter	62°15.8'S	62°12.8'S	58°42.6'W	58°36.5'W	
	Plan B – Caleta Ardley	62°12.7'S	62°11.3'S	58°55.8'S	58°50.3'W	
	Plan C – Caleta Marian	62°13.4'S	62°11.9'S	58°47.3'W	58°41.8'W	
9124	Bahia Fildes	62°19.5'S	62°09.8'S	59°03.0'W	58°34.0'W	
9125	Baia do Almirantado	62°18.0'S	62°02.0'S	58°40.0'W	58°12.0'W	
	Plan A – Ensenada Martel	62°07.62'S	62°03.58'S	58°24.98'W	58°16.90'W	
	Plan B – Estação Arctowski	62°10.33'S	62°08.45'S	58°30.25'W	58°26.20'W	
	Plan C – Ensenada Mackellar	62°07.25'S	62°03.25'S	58°30.15'W	58°24.15'W	

<u>9130</u>	<u>Crystal Hill to Devil Island</u>	<u>63°49.0'S</u>	<u>63°31.0'S</u>	<u>57°55.0'W</u>	<u>57°13.0'W</u>		
	<u>Plan A - Bald Head</u>	<u>63°38.0'S</u>	<u>63°37.0'S</u>	<u>57°38.6'W</u>	<u>57°35.6'W</u>		
	<u>Plan B - View Point</u>	<u>63°32.8'S</u>	<u>63°31.8'S</u>	<u>57°25.0'W</u>	<u>57°22.0'W</u>		
	<u>Plan C - Matts Head</u>	<u>63°38.4'S</u>	<u>63°37.4'S</u>	<u>57°42.2'W</u>	<u>57°39.2'W</u>		
	<u>Plan D - Crystal Hill</u>	<u>63°39.8'S</u>	<u>63°38.7'S</u>	<u>57°49.8'W</u>	<u>57°43.3'W</u>		
	<u>Plan E - Camp Point</u>	<u>63°41.2'S</u>	<u>63°40.2'S</u>	<u>57°51.0'W</u>	<u>57°48.0'W</u>		
	<u>Plan F - Devil Island</u>	<u>63°48.2'S</u>	<u>63°47.2'S</u>	<u>57°18.6'W</u>	<u>57°15.6'W</u>		
9150	Islas Elefante y Clarence	62°05'S	60°45'S	57°45'W	53°30'W		
9151	De Isla De Jorge a Isla Livingston	63°00'S	61°45'S	60°30'W	56°30'W		
9152	De Isla Livingston a Isla Low	63°23'S	62°10'S	63°30'W	59°25'W		
9153	Church Point to Cape Longing including James Ross Island	64°36.4'S	63°39.0'S	59°00.0'W	55°17.6'W	GB (227 – 04)	
9154	Joinville Island to Cape Ducorps and Church Point	63°49.1'S	62°50.0'S	58°12.5'W	54°30.0'W	GB (225 – 02)	

<b>ANTARCTICA PENINSULA, GRAHAM LAND – SOUTH SHETLANDS ISLANDS (contd.)</b>	<b><i>PENINSULE ANTARCTIQUE, TERRE DE GRAHAM – ILES SHETLAND DU SUD (suite)</i></b>
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<b>No. INT</b>	<b>Title/Plan Title</b>	<b>CHART LIMITS</b>				<b>Printer (Nat. No – Date)</b>
		<b>Latitude</b>		<b>Longitude</b>		
		<b>South</b>	<b>North</b>	<b>West</b>	<b>East</b>	
9155	Estrecho Bransfield - Rada Covadonga a Isla Trinidad	63°55.8'S	62°57.0'S	61°25.0'W	57°47.0'W	
9156	Archipiélago de Palmer, de Isla Trinidad a Isla Amberes	64°18.1'S	63°20.0'S	63°49.5'W	60°07.0'W	
9170	Islas Shetland y Mar de la Flota	64°35'S	60°50'S	64°30'W	52°00'W	