# HYDROGRAPHIC COMMISSION ON ANTARCTICA



HCA13-07.3A

# HYDROGRAPHY PRIORITIES WORKING GROUP HCA13 CADIZ, SPAIN

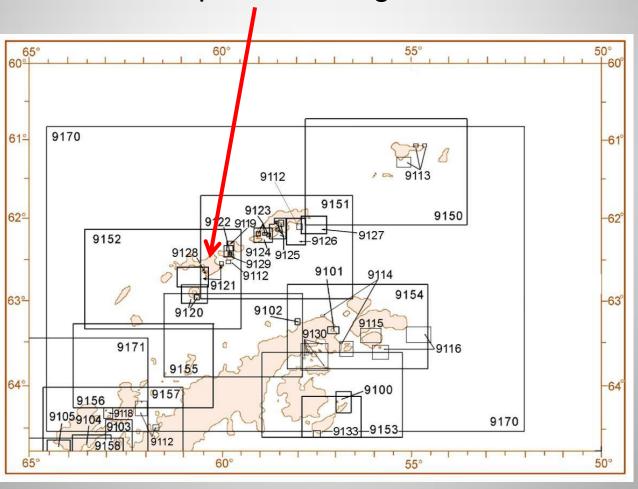
# **Work completed since HCA12**

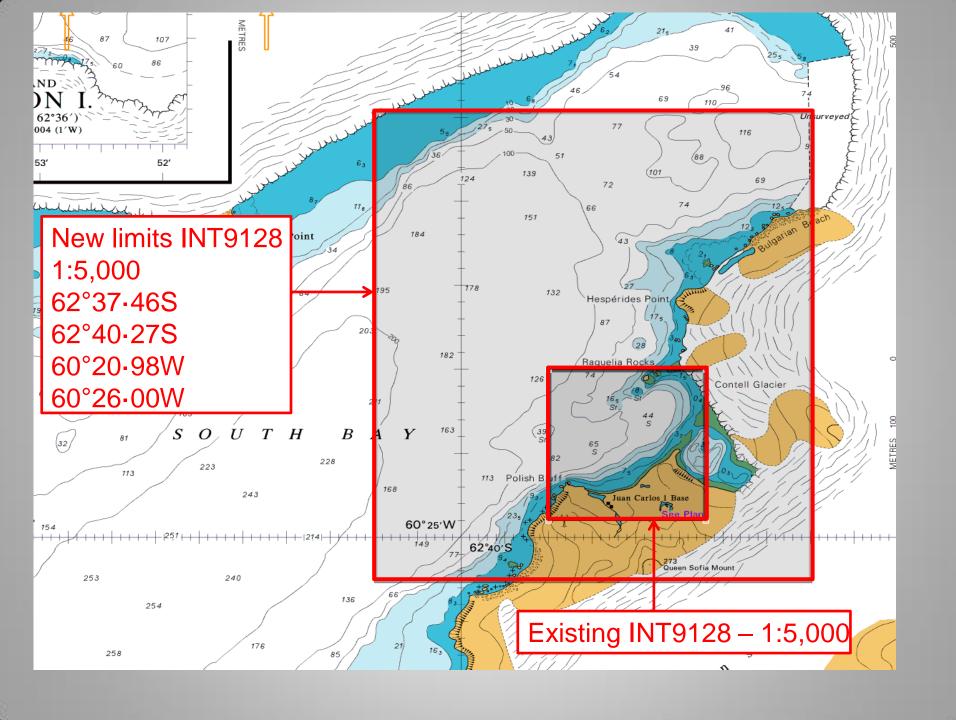
- Review of paper chart scheme for Region M
- Review of ENC scheme for Region M in conjunction with WEND
- Review of MSRs and monitor vessel movements
- Updating of Survey Priorities list
- Produce list of planned surveys for 2103/14 season



# Paper chart scheme review for Region M

Notification from Spain of changes to limits of INT9128

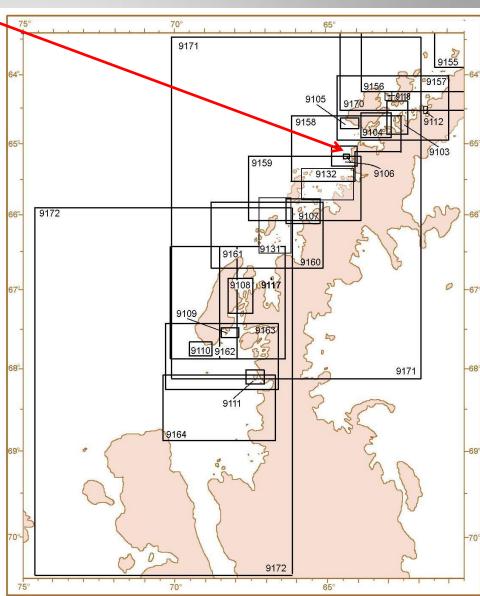


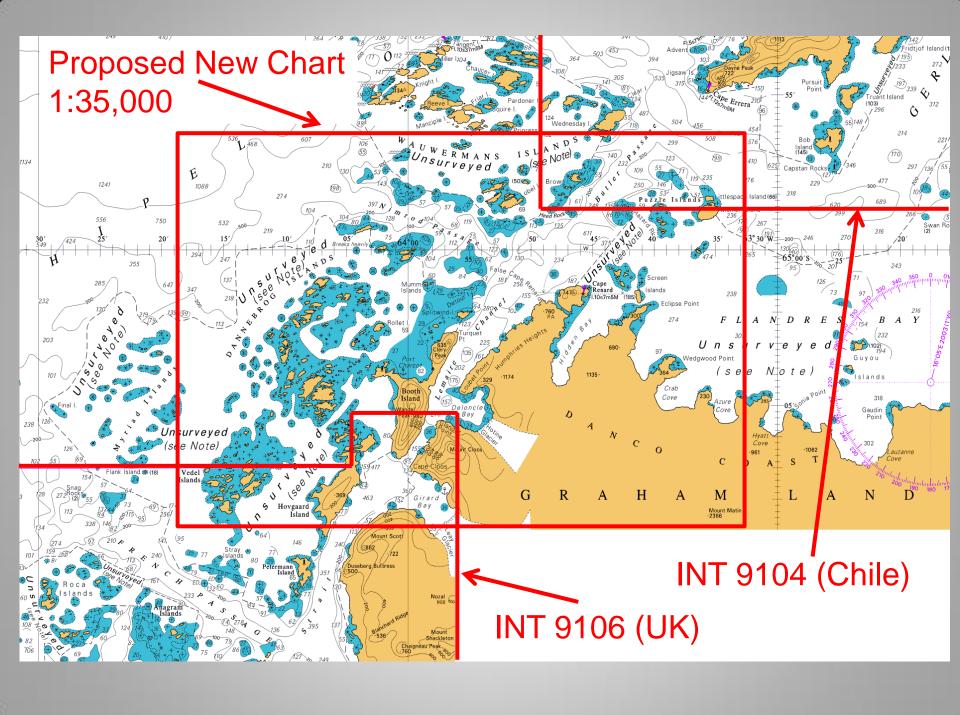


# IAATO/UK Proposed New Chart of Lemaire Channel

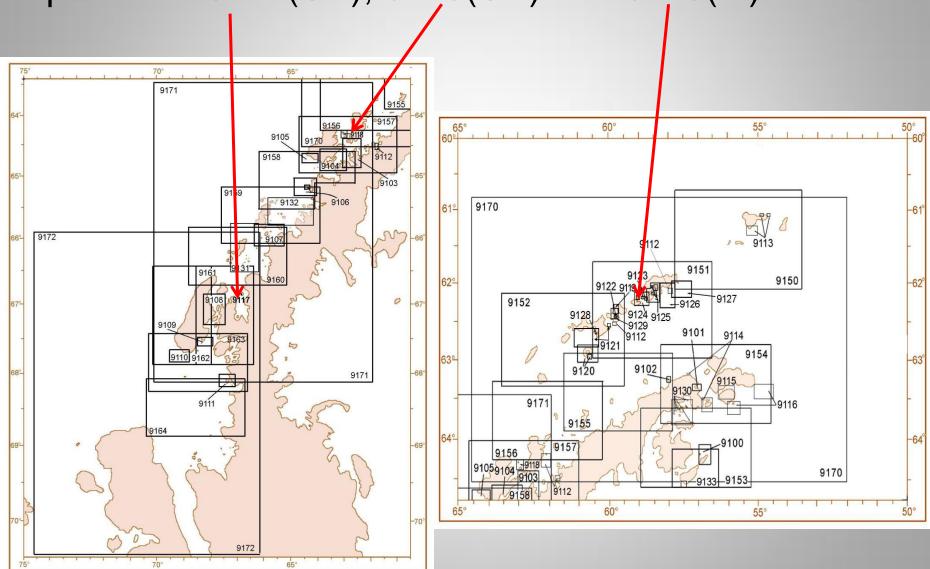
Most visited area of 2012/13 Season (33,048)





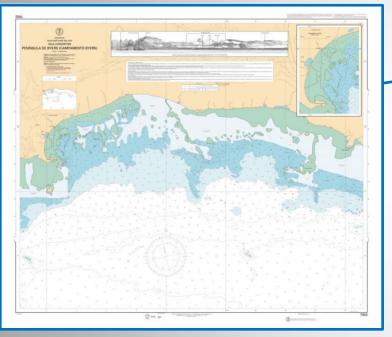


HPWG Chair proposal to produce one chart A0 size to replace INT9117(UK), 9118(UK) and 9119(?!)



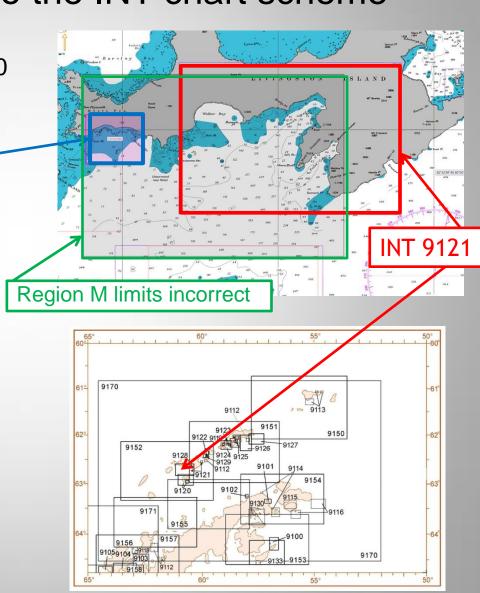
# How much coverage do we need? Possible additions to the INT chart scheme

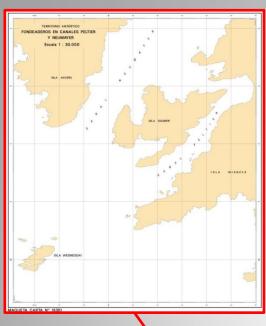
New Spanish National chart 7002 1:10,000





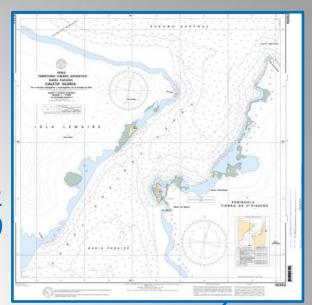
**ENC ES507002** 

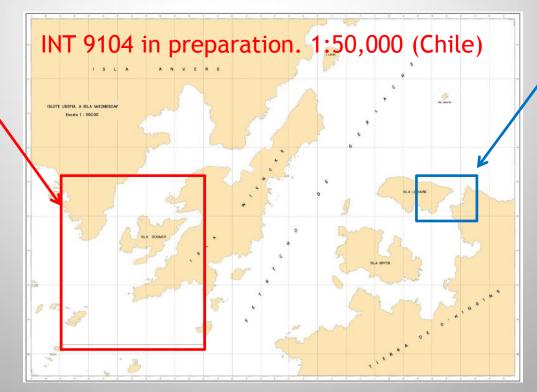




Chilean National chart 15351 In preparation. 1:30,000

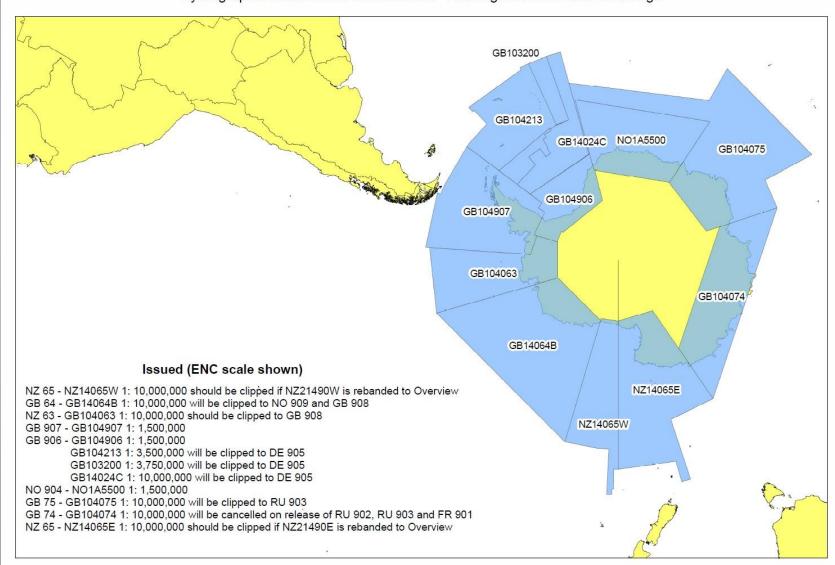
Chilean National chart 15352 in preparation. 1:7,000



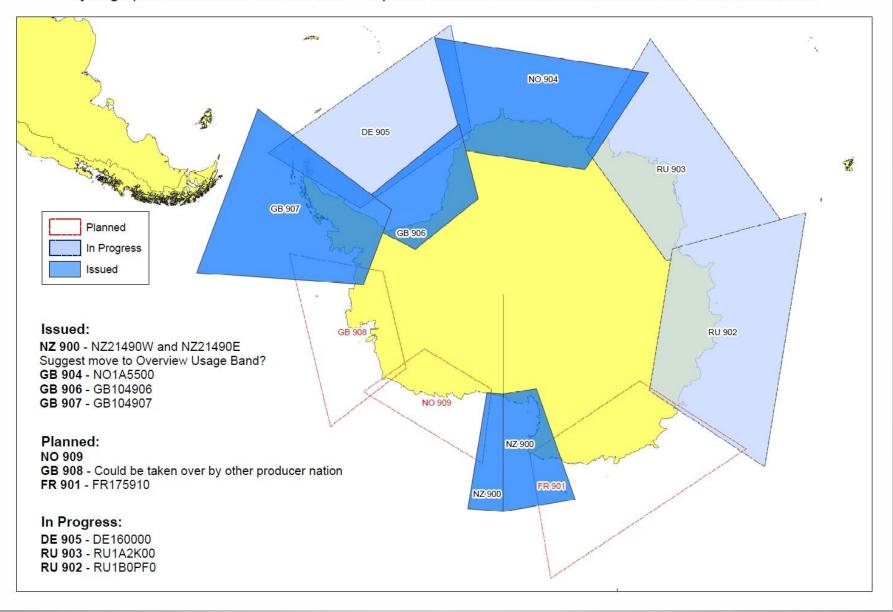


# **ENC** scheme review for Region M

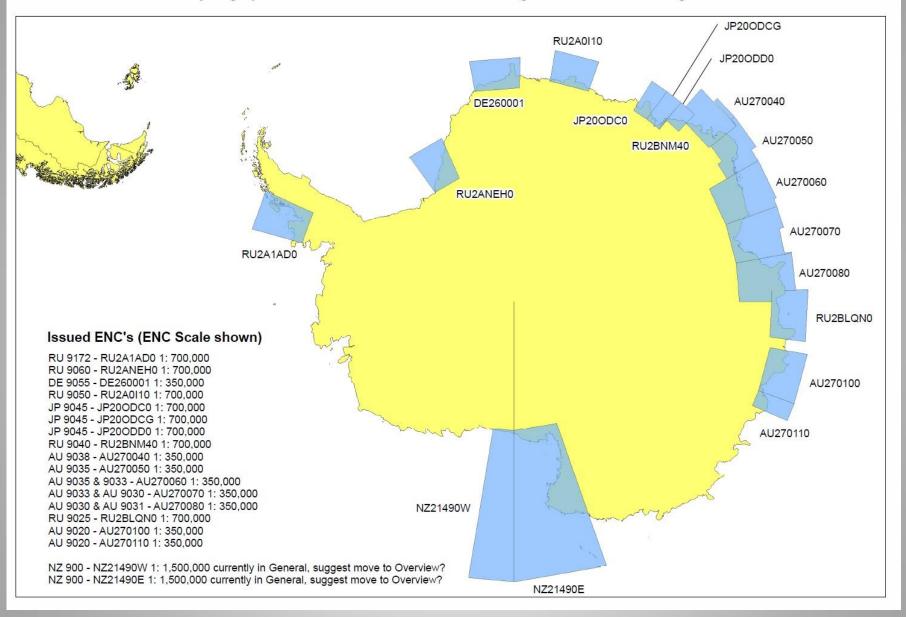
Hydrographic Commission on Antarctica - Existing Overview ENC Coverage



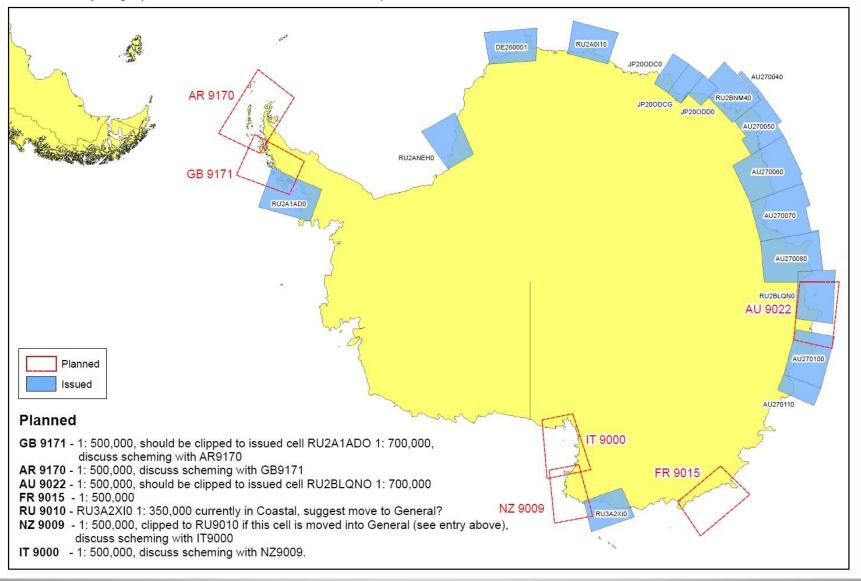
#### Hydrographic Commission on Antarctica - Proposed Overview ENC Scheme based on INT Chart 1: 2M series



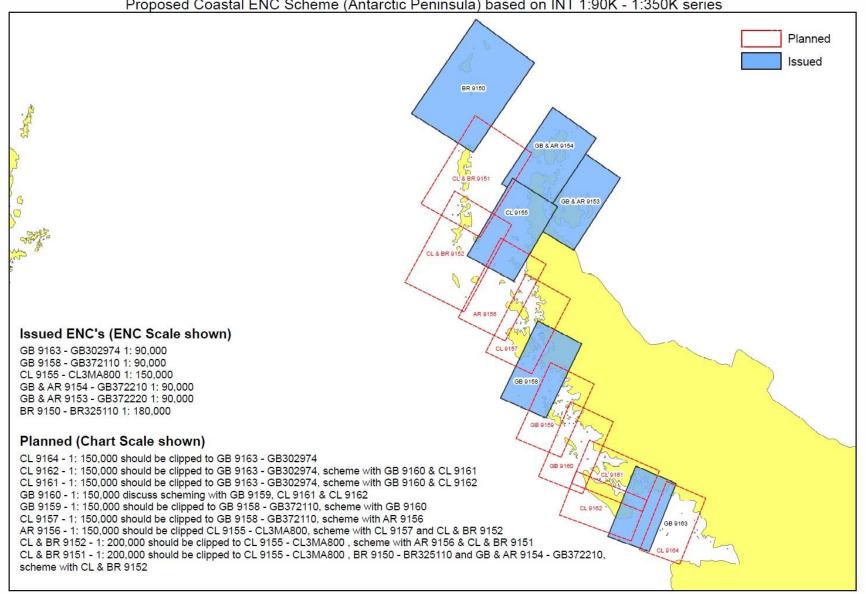
#### Hydrographic Commission on Antarctica - Existing General ENC Coverage



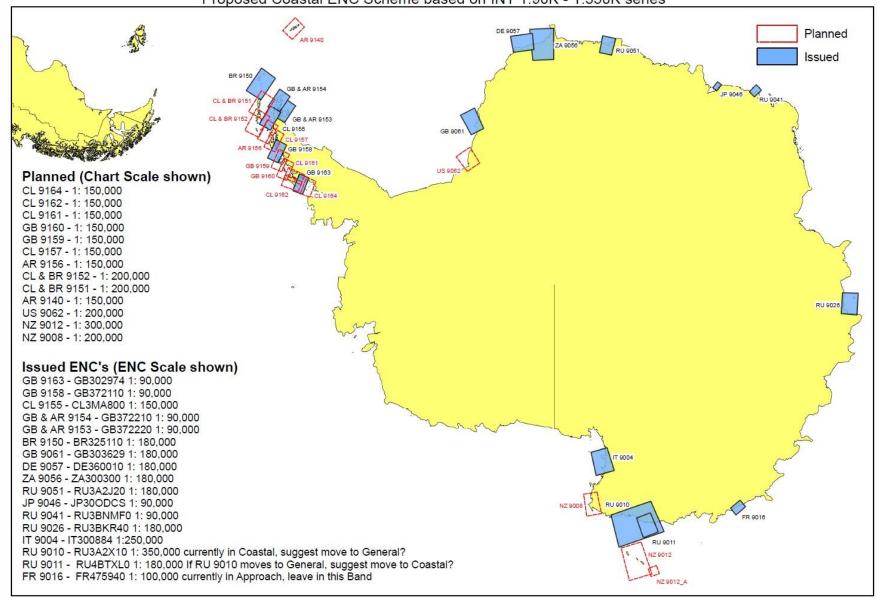
#### Hydrographic Commission on Antarctica - Proposed General ENC Scheme based on INT 1:500K series



Hydrographic Commission on Antarctica
Proposed Coastal ENC Scheme (Antarctic Peninsula) based on INT 1:90K - 1:350K series

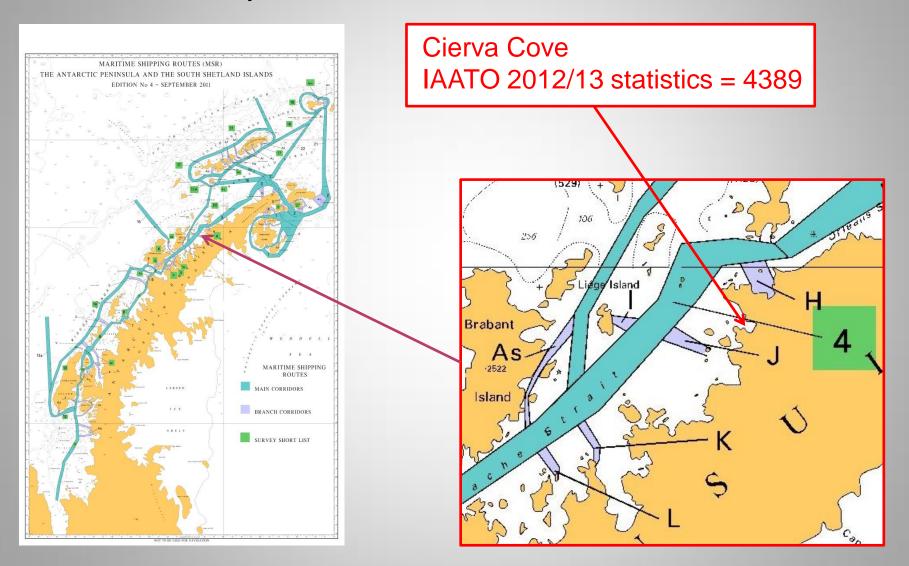


Hydrographic Commission on Antarctica
Proposed Coastal ENC Scheme based on INT 1:90K - 1:350K series

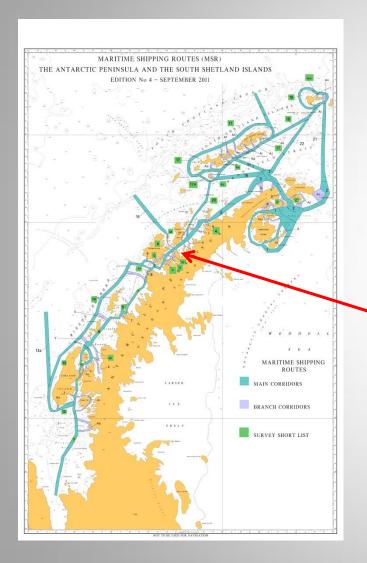


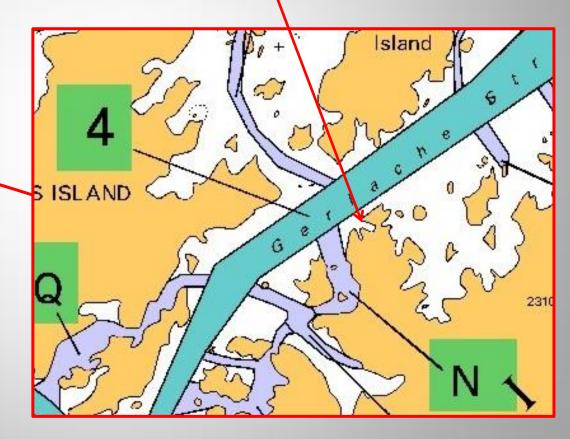
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7 9006_A	NZ	14906	Capo Adaro and Capo Hallott Plan A - Capo Adaro	Published	50000	4	11400001	Irrued -	70000
8 9006_B	NZ	14906	Cape Adare and Cape Hallett Plan B - Ridley Beach	Published	50000	4		19-	
9 9006_C 10 9006_D	NZ NZ	14906 14906	Cape Adare and Cape Hallett Plan C - Cape Hallett Cape Adare and Cape Hallett Plan D - Seabee Hook	Published Published	15000	5	NZ514961, NZ514962	10 30	
11 9007	NZ	14907	Personal Irlands	Published	60000	4	NZ414907	100	
12 9011 13 9014	RU AU	42909 AUS 603	Myz Bolowova to Torra Nova Irland	B. A.C.A. A	25000	3	AU468142, AU467142	broad	1800000
14 9014_A		AUS 603	Approaches to Commonwealth Bay Boat Harbour	Published Published	5000	5	AU5603P1	brued	18000 4000
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19 9017_A	FR AU	7593	Archipol do Pointo Géologio	Published	7500	5	FR67593A AU4601P0	Irrued	7500 45000
20 9021 21 9021_A	AU	Aur 601 Aur 601	Approacher to Carey Newcomb Bay	Published Published	12500	5	AU5601P1	brued brued	12000
22 9027	RU	49900	Royd Mirnyy	Published	10000	5	RU5BJR80	Irrued	12000
23 9032 24 9036	AU	Aur 602 Aur 600	Approacher to Davir Anchorage	Published Published	12500 25000	5	AU4602P0 AU468062, AU468063	brued	12000 22000
25 9036_A	AU		Approaches to Mauron Horseshoe harbour	Published		5	AU5600P1	Irrued	4000
26 9037	AU	Aur 599	Gibbnoy Irland to Kirta Strait	Y 3	25000	4	AU468062	brued	22000
27 9042	RU	48920	Molodyozhnaya Scientific Station and Approaches	Published	12500	5	RUSBNMH0 RUSBNMH1.RUSBNMH2	brued	12000 8000
28 9047	JP	W3950	Ongul to Langhovde - Kita Miraki	Published	25000	4	JP40P0TS, JP40P0TU, JP40PKES,	brued	22000
29 9047_A	JP AD	W3950	Shaua Kichi and Approacher	Published	10000	5	JP50PKEU, JP50PAME	Irrued	12000
30 9100 31 9100_A	AR AR	H-550 H-550	Irla Marambio Baro a6ra Marambio	Published Published	25000 5000	5			(A)
32 9101	AB	H-757	Poninzula Trinidad	Published	10000	5		13-	
33 9101_A 34 9102	AB CI	H-757 14511	Baro Erporanzal Calota Chaza	Published	5000 10000	5	CL5MA890	leaned.	10000
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37 9105 38 9105_A	US	29123	Approacher to Arthur Harbour Arthur Harbour	Published Published	25000 12500	5	US5AN01M	trrued	25000
39 9106	GB	3575	Argontino Irlandr and Approacher	Published	60000	4	GB47211A	brued	45000
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48 9112_C 49 9112_D	GB GB		Plans in Bransfield Strait - Portal Point Plans in Bransfield Strait - Penquin Island	- 8	- 0	5		- 12	2
50 9112_E	GB		Planz in Branzfield Strait - Hydrurga Rocks	Y 3		5	8	78 89	8 3
51 9113_A	GB		Plans in Elephant Island - Cape Lookout	E 48 13	20 1	5		3 6 60	
52 9113_B 53 9113_C	GB GB		Plans in Elophant Island - Cape Valentine Plans in Elophant Island - Paint Wild	- 1	-	5			
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55 9114_B 56 9114_C	GB GB		Antarctic Sound - Brown Bluff	- 50 X	- 83 /	5	5	10.00	3
56 9114_C 57 9115	AB		Antarctic Sound - Gourdin Irland Active Sound	- 80 to	50000	4		3 N N	SX 8 6
58 9116_A	GB	1	Planr in Paulot and Dangor Irlandr - Paulot Irland		346	5	ĝ.	76 83	5 3
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61			<u>Greenwich Irland) - Bahí a Chile (Dircovery Bay)</u> Bahí a Chile, Puerto Soberaní a y Enzenadar Rojez e Iquique (South Shetland Irlandr, Planz in			_	12 12		
68 9122_B	CL	14231	Bahi a Chilo, Puorto Soberani a y Enzenadar Rojer e Iquique (South Shetland Ulandr, Planz in Greenwich Irland) - Puorto Soberani a y Enzenadar Rojer e Iquique (Iquique Cove and	Published	5000	5		19-	
69 9123_A	CL	14211	Calotar on Bahia Fildor - Calota Pottor	Published	12000	5	5 5.	10 00	
70 9123_B 71 9123_C	CL CL	14211	Calotar on Bahia Fildor - Calota Ardloy Calotar on Bahia Fildor - Calota Marian	Published Published	12000	5		1 .	8 8
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80 9129	EC GP	4024	Punta Fort Williams, Isla Greenwich	Published	10000	5		150	
81 9130 82 9130_A			Crystal Hill to Devil Irland Bald Head	100	75000 10000	5	2	10.00	8 8
83 9130_B	GB	4024	ViouPaint	200	260,500	5		3 5 5 5 5	1 1
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90 9133	GB		Snow Hill Irland	Y 3	75000	4	8	76 83	5 5
91 9133_A	GB	1779	Snow Hill bland	P. LULL 1	30000	4	8	30 00	
92 9141 93 9141_A	GB GB	1779	Approacher to Signy Irland Borge Bay and Approacher	Published Published	10000	5		10.04	S 8
94 9142	AR	H-651	Bahia Scotia	Published	10000	5	Š:	10.00	8 3
95 9158_A	GB	446	Plan A - Part Lackray	Published	12500	5	GB57211A	brued	12000

## Proposed addition to MSR routes



Orne Harbour IAATO 2012/13 statistics = 3309 75% Surveyed by UK 2012/13

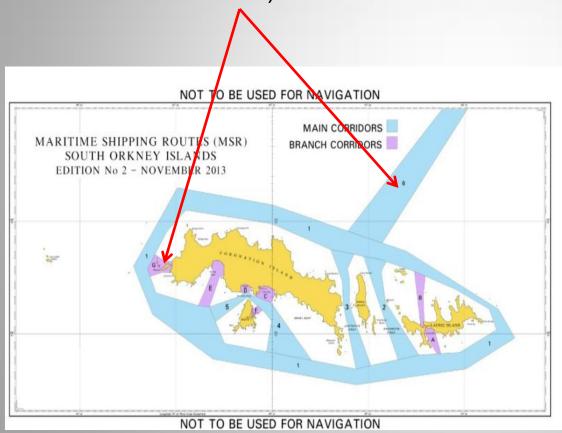




# Review of Survey Priorities Short List and Long Term Survey Plans

Lists updated with the addition of MSR Routes for South Orkneys (with

additions from IAATO)



#### HCA SURVEY SHORT LIST SOUTH ORKNEY ISLANDS

#### Updated to November 2013

#### Main corridors

MSR*	Name	Usage category	Survey	Notes and INT chart coverage. Published and proposed.
1	South Orkney offshore route	Č	B&C	INT 9140 Partly surveyed by Argentina 2010-12
2	Washington Strait	С	Α	INT 9140 Block surveyed by Argentina 2010-11
3	Lewthwaite Srait	С	С	INT 9140 Unsurveyed
4	SE approaches to Signy Island	В	A&B	INT 9141 & INT 9140. 75% fully surveyed. Block surveyed by UK 1997
5	SW approaches to Signy Island	В	В	INT 9141 & INT 9140 Modern survey required. Last surveyed in 1966
6	Transit route North	В	С	INT 9140

#### Branch corridors and approaches

MSR	Name	Usage category	Survey	Notes and INT chart coverage. Published and proposed.
A	Scotia Bay	В	A	100% surveyed, INT 9142 & INT 9140 Blocks surveyed by Argentina in 2010-12
В	Approaches to Uruguay Cove	С	С	INT 9140
С	Iceberg Bay and Shingle Cove	В	A+C	INT 9141 1000% Blocks surveyed by UK in 2001
D	Marshall Bay	С	B&C	INT 9141. Block surveyed by UK in 1964
E	Nonvay Bight and Approaches	С	С	INT 9140 Unsurveyed
F	Borge Bay and approaches	А	Α	INT 9141 100%. Block surveyed by UK in 1997
G	Monroe Island and approaches.	В	B&C	INT 9140 Unsurveyed

#### Categories

Category	Usage
Α	Frequent
В	Regular
С	Infrequent

Category	Current survey status				
Α	Adequately surveyed				
В	Requires re-survey at larger scale or to S-44 standard				
С	Has not been systematically surveyed/Unsurveyed				

<sup>\*</sup> MSR = Maritime Shipping Route. The figures / letters in this column are shown on the MSR diagram which is on the following page.

### Updated IAATO visit statistics for 2012/13 season

