

HCA 17 - PENINSULA SURVEY PLAN

Table of MSRs, base/site calls, usage category, and current survey category

Note: In the tables below, high priority surveys have been emphasized in **yellow**. Indications of planned surveys appear in **green**. Indications of surveys completed appear in **blue** areas to be surveyed in **red**.

I. ANTARCTIC PENINSULA

Categories

Category	Usage
A	Frequent
B	Regular
C	Infrequent

Charted ZoC	
A	Adequately surveyed – full seafloor search
B	Modern survey – full seafloor search not achieved
C	Miscellaneous data – low accuracy
D	Unsurvey
U	Unassessed data due to no ENC ZoC

1.1 Main Corridors (see diagram on last page for MSR references)

MSR	Name	Usage Category	Charted ZoC*	INT Chart Coverage & Survey Information
1	James Ross Island circular route (Trinity Peninsula)	B+C	D (A&B)	INT 9153 (UK) Prince Gustav Channel & Eastern corridor 55% surveyed. 45% unsurveyed. Blocks surveyed by: UK 1995 (HI1583) 1999 (HI1790) UK 2006-08 (HI1198/99 & 1131) UK 2013 & 2017 (HI1439B) Surveys required W to S from Long Island to Seymour Island
2	Joinville Island circular route (Trinity Peninsula)	A+B	B & D	INT 9154 (UK) 45% surveyed (Antarctic Sound), 55% unsurveyed. Blocks surveyed by: UK 2005 – 10 (Hope Bay Approach, HI1198/99) UK 2013 17 (HI1439B) Uruguay & Venezuela 2008. Surveys required between Dundee Island and north of Danger Islands and also west of Zelee Rocks (62 56S, 57 45W)
3	Orleans Strait to Antarctic Sound	B	A (&D)	INT 9155 (CL) 90% complete Blocks surveyed by: Chile 2018 UK 2001-10 (HI1099 including Trinity Island to Ohnlin Island) UK 2013-16 (NW of Peralta Rocks) Survey required NE of Montravel

* Indicates MSR downgraded from high priority since HCA-16

* Unbracketed categories indicate main ZoC for MSR

MSR	Name	Usage category	Charted Zoc*	INT Chart Coverage & Survey Information
4*	Gerlache Strait	A	B, D (&A)	INT 9103 & 9104 (CL), 9165 (UK), 9156 (AR) & 9157 (CL) 95% surveyed. Blocks surveyed by: Chile 2010-19 Colombia 2015 (Arctowski Peninsula to The Waifs) Spain 2017 (Two Hummock Island South-westwards) UK 2002 (HI1984 Wiencke Island) UK 2006 (HI1099, 1135 & 1195 80% coverage) UK 2011 (HI1347 S to Two Hummock Island) UK 2017 (HI1439 Flanders Bay to Hunt Island) UK 2018 (HI1541 S of Brabant Island) US 01-02 (complete transit) Survey required east of Two Hummock Island (64 08S, 61 41W) Adjacent Flandres Bay 35% surveyed (65 02S 63 12W)
5	Bismarck Strait (Avers Island)	A+B	B (A)	INT 9158 (UK) Approaches to Palmer Station and Port Lockroy. 90% complete Block surveyed by: Chile 2010, 2011 & 2016 Spain 2017 (64 2.66 eastwards) UK 2005-06 (HI1134 & 95 Joibia Island eastwards) UK 2011 (HI1347) UK 2017-18 (HI1439B & 1541) Small area of ZoC D W of Outcast Island (64 48.5S, 64 10.1W) & in Flandres Bay
6*	Lemaire Channel	A	B & C (D)	INT 9106, 9118, 9158 (UK) Petermann Is, Pleneau Is, Argentine Is, Yalour Is. HSM 62 75% surveyed Block surveyed by: Spain 2017 (Lemaire Channel to Butler Passage & Hovgaard Isl) UK 2005/06 & 2012/13 UK 2017-18 (HI1439B & 1541) Xplore expeditions/SHOM 2013 Nimrod Passage Zoc C (64 59S, 63 59W) Yalour Islands D (65 14S, 64 08W)
7*	Grandidier Channel	A+B	B & C (D)	INT 9158, 9132 & 9159 (UK) 70 % surveyed. Blocks surveyed by: UK 2018 (HI1541) ZoC D west of Colins Bay
8	Cape Garcia to Jagged Island	B	B, C & D	INT 9107 (UK) & 9159 (UK) 15% surveyed Blocks surveyed by: UK 2006/07 (swathe) UK2018 (HI5151) ZoC D beyond swathe

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* Indicates MSR priority increased since HCA-16

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MSR	Name	Usage category	Charted Zoc*	INT Chart Coverage & Survey Information
9*	Crystal Sound	B	B & C (D)	INT 9160 (UK) 80% surveyed Blocks surveyed by: UK 2017/18 (HI1439B & 1541) Zoc C & D at MSR edge
10*	Liard Island to Rothera	B	D (A – C)	INT 9161 & 9108 (CL), 9160 (UK) 70% complete of which 10% charted Blocks surveyed by: UK 2017 (HI1439B Laird Island southwards) UK 2018 (HI1439B Laird Island northwards) Surveys planned by UKHO 2021/22 Further surveys required in vicinity of Liard Island
11	Marguerite Bay	C	B & D (C)	INT 9163 (UK) & 9164 (CL) 40% complete Blocks Surveyed by: UK 1960-70 UK 1997 (HI1701 South to 67 49.0S) UK 2007 (HI1190 small transit) Resurvey required N of 68 19S Surveys required S of Endurance Reef (68 19S)
12*	Woodfield Channel (Adelaide Island)	C	B (C)	INT 9163 (UK) 95% complete (mostly 1980-97 data ZoC 'B') Blocks surveyed by: UK 1980-97 UK 2017-18 (HI1439B & 1541) Resurvey required ZoC 'B' data Survey required N of Johnson Passage (67 35S)
13	Woodfield Channel to Matha Strait (Adelaide Island)	B	D	INT 9162 (CL) & 9160 (UK) 5% complete Some areas of ZoC C to the NW Blocks surveyed by: UK 2017 (HI1439B transit) Requires complete resurvey
13a	Northern Transit from Adelaide Is.	C	D	INT 9162 (CL) <5% Complete Requires complete resurvey
14	Matha Strait to Hugo Island	B	D (A & B)	INT 9160 (UK), 9159 (UK) & 9158 (UK) 25% complete (mostly 1964-70) Blocks surveyed by: UK 1964-70 (Biscoe Islands north-eastwards) UK 2017 (HI1551 Bismarck Strait) Survey required S of Biscoe Islands (62 20S)
15	Exit from Melchior Islands	B	D (A & C)	INT 9156, 9157 & 9158 (UK) 10% complete Survey required outside of INT 9157

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
16*	Deception Island to Antarctic Sound	B	A & D	INT 9151 & 9152 (BR/CL), 9154 (UK), & 9155 (CL) 90% complete Blocks surveyed by: AWI 2013 (southern sector) Chile 1994-2006 Spain UK 2010-1 (HI1347 Deception Island eastwards) Survey required north of Montravel Rk (62 55S) and 62 58S, 59 01W
16a*	English Strait to Antarctic Sound	B	U	INT 9151 (BR/CL) & 9154 (UK) 80% complete Blocks surveyed by: BR 2015 Spain 2017/18 (62 39.5 north-westwards) UK 2001 & 2007 (HI1198 & 99) UK 2010 (HI1295) & 2011 (HI1347) US 2011 Survey required SE of 62 44.5S, 58 16.55W
17	South Shetlands MSR	C (North) A (South)	U	INT 9151(BR/CL) 40% complete Livingstone Island to Penguin Island complete. Blocks surveyed by: UK 2005-17 Brazil 2007-08 & 2015 Spain 2016 & 18 (Livingstone Island to MSR 19) Spain 2017 (Brunow Bay & English Strait south-westwards) Surveys required on west north and east routes from Snow island to Penguin Island
17A*	Deception Island circular route	A (South) C (North)	A (D)	INT 9120 (AR) Deception Island circular route 100% complete. INT 9120 100% complete Blocks surveyed by: UK in 2005-08 Spain 2016/17 (100% coverage) Surveys required between Snow Island and Sail Rock
18*	Elephant Island MSR	A+C	B (C)	INT 9150 (BR) 95% complete Blocks surveyed by: Brazil 1998-95 & 2000 - 2006 Survey required E of Cornwallis Island
19	Elephant Island to King George Island	B	C (B)	INT 9150 (BR), INT 9151 (BR/CL) 60% complete Blocks surveyed by: Argentina (H710 – 711 dates unknown 75%) Brazil 2005 (25%) UK 2012 (2015-101250 passage 40% coverage) Resurvey SW of Gibbs Island (adjacent to UK2012)

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
20	Deception Is to Brabant Island	B	A (C & D)	INT 9120 (AR), INT 9155 (CL), 9156 (AR), 9157 (CL) 80% complete HSM 33-35 Blocks surveyed by: Chile 1994 – 2003 (Hoseason Island northwards) Spain 2017 (Hoseasn Island south-westwards) UK 2006 (HI1195 east of Lecointe Island) UK 2006 & 17 (HI1099 & 1439B Two Hummock Island to Christina Island) Survey required in the vicinity Austin Rocks (63 30.24S, 60 51.14W)
21	Elephant Islands to Danger Islands	C	B & D	INT 9150 (BR), 9154 (UK) & 9170 (AR) 40% complete Blocks Surveyed by: Brazil 1995-98 & 2000 -05 (INT9150) UK 2010 (HI1347 Passage 61 38.5S) AWI 2013 (63 2.5S) Survey required south of 62 05.0S
22	Elephant Island to Antarctic Sound	C	B & D	INT 9150 (BR), 9151 (CL) & 9154 (UK) 35% complete Blocks Surveyed by: Argentina (H710 – 711 dates unknown) Spain 2018 (small transit) UK (various transit data) Survey required SW of 62 05.0S, 56 06.0W Resurvey required N of 62 05.0S, 56 06.0W

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1.2 Branch corridors and Approaches (see diagram on last page for MSR references)

MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
A	Marambio (Seymour Island)	B	D (5% B)	INT 9130 (UK) 5% complete HSM 60 & 94 Blocks Surveyed by: UK 2017 (HI1439B) Survey required SW of UK survey
B	Duse Bay and Eagle Island (Includes Crystal Hill.)	B	D (5% B)	INT 9130 (UK) 9154 (UK) 75% complete Blocks Surveyed by: US 2001-10 (Eyrie Bay to Duse Bay) UK 1996 (HI1583 south of Bleak Island) UK 2007 (HI1198 east of Bleak Island) Surveys required west of Eagle Island
C	Paulet Island (Erebus & Terror Gulf)	A	B (D)	INT 9112 (UK) HSM 41 70% complete Blocks surveyed by: UK 1999 (HI1790 west of Paulet Island) UK 2001 (east of Paulet Island) Surveys required east of 55 47.5W
D	Brown Bluff and Fridtjof Sound (Antarctic Sound)	A	B & D	INT 9154 (UK) Blocks surveyed by: UK 2006-07 (HI1131/98/9) Approaches to Brown Bluff complete up to 50m contour Surveys required south of Jonassen Island
E	Hope Bay (Antarctic Sound)	A	B	INT 9101 (AR) HSM 39&40 100% complete Blocks surveyed by: AR 2003-05 (100%) UK 2006-17 and Uruguay 2008 Surveys planned by Argentina 2021/22
F*	Gourdin Island and Siffrey Point (Antarctic Sound)	B	B & D	INT 9154 (UK) 0% complete Miscellaneous passage data only Requires complete survey, priority to create a safe corridor to Gourdin Island from MSR 2
G	Bernado O' Higgins and Approaches (Trinity Peninsula)	C	A & C	INT 9102 (CL) 9154 (UK) 9155 (CL) HSM 3 10% complete Blocks surveyed by: Chile 2019 Spain (transit western side) Surveys required in un-surveyed areas shown on ENCs
H	Curtiss Bay	C	D	INT 9165 (UK), 9155 (CL) & 9156 (AR) 0% complete Miscellaneous passage data only Requires complete survey

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
I*	Hydrurga Rocks	B	D	INT 9165 (UK), 9156 (AR) & 9157 (CL) 0% complete Miscellaneous passage data only Requires complete survey
J	Alcock Island	C	B (D)	INT 9156 (AR) & 9157 (CL) 60% complete Blocks surveyed by: UK 2006 (HI1135) US 2001-10 Surveys required southeast end
K	Portal Point	C	B (C&D)	INT 9112 (UK) & 9166 (UK) 90% complete Blocks surveyed by: CO 2018 & 20 Spain 2017 (64 25S 61 48.5W) UK 2006 (HI1195) Charlotte Bay close SE surveyed by UK. Survey required in vicinity of Portal Point (64 29S, 61 46W)
L	Enterprise Island	B	B (C&D)	INT 9166 (UK) & 9157 (CL) 85% complete Blocks surveyed by: CO 2018 Xplore Expeditions/SHOM 2013 (Racovitza Isl to Foyn Hbr) Requires survey between Racovitza Isl & Enterprise Isl
M	Melchior Islands and approaches	A&C	A (B-D)	INT 9157 (CL) & 9117 (UK) HSM 29 & 45 85% complete Blocks surveyed by: UK 2005-19 Requires re-survey of 'The Sound' (65 19S, 62 58W)
N*	Errera Channel	A	A (C&D)	INT 9103 (CL) & 9158 (UK) Includes Cuverville Is, Danco Is and Ronge Is. 90% complete Blocks surveyed by: Chile 2014 & 2016 UK 2006 (HI1099) & 2013 Surveys required NW & S of Cuverville Isl (64 41S, 62 37W), ZoC D Re-survey required east side of Danco Isl (64 44S, 62 35W), ZoC C
O*	Andvord Bay	A	A (C)	INT 9158 (UK) & 9103 (CL) Includes Neko Harbour 95% complete. Blocks surveyed by: CO 2015 (vicinity of Useful Island) Chile 2014-16 Spain 2017 (Andvord Bay) UK 2005-06 (HI1099) Survey required west of Useful Island

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
P*	Paradise Harbour	A	A (C&D)	INT 9104 (CL) & INT 9135 (CL) HSM 30 Almirante Station and Waterboat Point. Paradise Harbour 95%, Bryde Channel 90%, Ferguson Channel 75%. Blocks surveyed by: Chile 2010-16 UK 2006 (HI1195 80% including Leith & Oscar Cove) UK 2008 (Bryde Channel) UK 2018 (HI1541 Bryde Channel & Paradise Hbr) Surveys required at corridor edges including Killermet & Sturm Cove & SW of Bruce Isl (64 54S 63 10.5W)
Q*	Neumayer Channel and Port Lockroy	A	B (D)	INT 9158 (UK) & 9104 (CL) 100% complete HSM 61 & 84 Blocks surveyed by Chile 2010-16 Spain 2017 (70% coverage) UK 2005-10 (75% coverage) UK 2018 (HI1541)
R	Arthur harbour	B	B (A)	INT 9105 & 9158 (UK) 100% complete Blocks surveyed by UK 2012 (SW Approach to South Channel) UK 2017 (HI1438B Approaches to South Channel) US 1999-2010
S	French Passage	B	B	INT 9106 & 9158 (UK) HSM 27 50% complete Blocks surveyed by Spain 2017 (65 10.2S 64 20.3W) UK 2017 (HI1439B) UK (BAS) 2009-21 Surveys required adjacent to UK surveys
T*	Prospect Point	B	D	INT 9107 (UK) Miscellaneous passage data Requires complete survey
U	Pendleton Strait	B	B	INT 9159 (UK) 50% complete Blocks surveyed by: UK 1986 (50% northwest) 2017 (HI1439B 50% southeast)
V	Matha Strait	B	D (A&B adjacent to corridor)	INT 9160 (UK) Miscellaneous passage data Directly south in area of proposed route (HCA18) Blocks surveyed by: UK 2007 (HI1190) 2017-18 (HI1439B & 1541) Surveys planned by UKHO 2021/22

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
W*	Detaille Island and Approaches	C	D	INT 9117 (UK) & 9161 (CL) Historic Monument 83; following restoration will receive increased vessel traffic. INT 9117 (UK) 85% complete (all shoals close to Island detected) Blocks surveyed by: UK 2014 (HI1384) INT 9161 Miscellaneous passage data Surveys required in the NW and N northern approach corridor. Note: The north corridor is subject to HCA 17/18 review
X	Lallemand Fjord	C	D (A)	INT 9161 (CL) 10% complete (90% miscellaneous passage) Blocks surveyed by: UK 2014 (HI1384 Detaille Island)
Y	Shumskiy Cove	C	D (C)	INT 9108 (CL) 10% complete Blocks surveyed by: UK 2007 (HI1190) UK 2018 (HI1541) Requires survey south of 66 58S
Z	Rothera	B	B (D)	INT 9109 & 9113 (UK) BAS and RN vessels 95% complete. Blocks surveyed by: UK 2007 (HI1190 Rothera south-eastwards) UK 2008 (HI1701 Rothera Point north-eastwards) UK 2009 (BAS Rothera south-westwards) UK 2011/15 (HI14347 Rothera to Anchorage Island) UK 2017/18 (HI1439B & 1541 Rothera Approaches) Surveys planned by UKHO 2021/22 in vicinity of North Cove (67 33.5S, 68 07.0W) Surveys required to replace 1970s surveys east of Killingbeck Island.
Aa	Avian Island	C	B	INT 9110 (CL) 100% Complete (by 1960s survey) Blocks Surveyed by: UK 1963 – 66 BAS 2009 - 21 Requires resurvey 100%
Ab	Approaches to Millerand Island	C	C (B & D)	INT 9111 (AR) HSM 26, 55 & 64 80% Complete (ZoC C) Blocks Surveyed by: Argentina 1981-82, 94-95 & 99 – 2000 UK 1966 UK 2018 (HI1541 5%) Requires resurvey 100%

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
Ac*	Port Foster and Neptunes Bellows (Deception Island)	A	A+B	INT 9120 (AR) HSM 71, 75 & 76 100% complete Blocks surveyed by: UK 2005-8 (included on INT9120) UK 2016 (HI1584) Spain 2017 (included on INT9120 100%)
Ad	South bay and Hannah Point	A	A	INT 9121 (ES) HSM 91 100% complete. Blocks surveyed by: Spain 2011-12 & 16 (included on INT 9120) UK in 2006-07
Ae	McFarlane Strait	A	A - Half Moon Island B&C - Yankee Harbour D – McFarlane Strait D – Approach	INT 9121 (ES), 9112 (UK) & 9137 (ES) Half Moon Island 100% Spain 2016 (included on INT9121) Surveys planned by Argentina 2021/22 Yankee Harbour 95% HSM 57 Blocks surveyed by Argentina 1956 Chile 1956 UK 1935 UK 2005-07 (HI1190) McFarlane Strait 100% Spain 2016 (south-east of 62 31S) UK 2007 (HI1190) Northern Approach 0% Surveys required north of Lister Cover and Duff Point (62 29.5S)
Af*	English Strait	A	A-D	INT 9122 (CL), 9117(UK) & 9152 (BR/CL) 75% complete HSM 32 Blocks surveyed by: Brazil 2015 (Fort William south-eastwards) Ecuador in 2004-12 (Cecila Island and in Spark Point headland) Spain 2016 (Ash Point south-eastwards) UK in 2005-07 Surveys required in the approach north of Port William
Ag	Robert Point	C	D (U)	INT 9151 (BR/CL) 70% complete Blocks surveyed by: Spain 2017 (33%) UK 2006-7 (HI1099 & 1190) Surveys required in the immediate vicinity of Robert Point

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
Ah	Nelson Strait	B	D	INT 9151 (BR/CL) 80% complete Blocks surveyed by: Chile in 2006-12 (Exploratory probe) Spain 2018 (Transit between MSR 17) UK in 2006/7 (HI1190/9 S of Parry Patch) Surveys required north of 62 15S and in areas adjacent to corridor
Ai	Maxwell Bay and approaches (King George Island)	A	C	INT 9123 (CL) Maxwell Bay 100% complete HSM 52 & 86 Spain 2016 (Ardley to 62 20S) UK 2006-8 (HI1099 & 1190 Ardley to Pig Rock) UK 2010 & 18 (HI1541 between Pig Rock & Low Rock) UK 2011 (HI1347 Ardely Island to exit) Uruguay 2008-12 Ardley Cove 100% complete HSM 50 & 82 Chile 2003-07 UK 2005 & 08 (25%) Uruguay 2008-12 (80%) Marian Cove 100% complete UK 2006 (HI1099 75%) Chile 2003-07 Potter Cove 100% HSM 36 Argentina 2005-07 Chile 2003-07 UK 2012 Uruguay 2008-12
Aj	Admiralty Bay (King George Island)	A	A	INT 9125 (BR/PE) MSR 100% complete HSM 51 Admiralty Bay: Brazil 2008-18 (RA407/13) UK 2007 (HI1190 central channel) UK 2011 (HI1541 west side of channel to Thomas Point) UK 2017 (HI1439B central channel) Peru 2018 (Bay entrance) Mackellar Inlet Chile 2016-17 Peru 2013 UK 2018 (HI1541 Keller Peninsula inlet) Martel Inlet Brazil 1993, 2008, 2015-18 Chile 2016-17 UK 2007 (HI1190 to 100m) UK 2017 (HI1438B to 160m) UK 2018 (HI1541 southwest of Ullmann Pt) Ezcurra Inlet (not part of Branch Corridor) Brazil 1984-93 Brazil 2012 (RA407/13) Survey required Dufayel Isl westwards (non MSR)

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
Ak	Penguin Island and approaches	A	A+C	INT 9112 (UK) (9126 & 9127 BR) 30% complete Penguin Island and Southern Approach 50% complete UK 2006/7 (HI1099 & 1190) Eastern Approach from MSR 17: Brazil 2004 & 15 Survey required west of Penguin Island
Al	Cape Lookout	C	B	INT 9112 (UK) (9150 BR) HSM 74 Blocks surveyed by: Brazil 1988/9 & 1998/95 Requires resurvey
Am*	Point Wild (Elephant Island)	A	B	INT 9112 (UK) (9150 BR) HSM 53 100% complete Blocks surveyed by: Brazil 1998-95 (BR25115) UK 2012 (HI1385 100% coverage on INT9112) UK 2012 (2015-101250 passage north of INT9112) Re-survey required between INT9112 and MSR 18 beyond UK 2012 passage survey
An*	Cape Valentine (Prince Charles Strait & Cornwallis Island)	B	C	INT 9150 (BR) Blocks surveyed by: Brazil 1998-95 (BR25115) UK 2012 (2015-101250 passage) Re-survey required
Ao	Danger Islands (Erebus & Terror Gulf)	C	D	INT 9154 (UK) Miscellaneous passage data Requires complete survey
Ap	Dundee Island (Erebus & Terror Gulf)	C	C & D	INT 9154 (UK) 60% complete Blocks surveyed by: Argentina 2005-07 UK 1995 (HI1790 Petrel Cove) UK 2006 (HI1131 Firth of Tay) Survey required in Active Sound Surveys planned in Active Sound by AR 21/22
Aq	Herbert Sound (Erebus & Terror Gulf – Vega Island)	C	D	INT 9153 (UK) 90% complete Blocks surveyed by: UK 2007 (HI1198)
Ar*	Historic Monument 38 (Erebus & Terror Gulf – Snow Hill Island)	B	D	INT 9153 (UK) Miscellaneous passage data Requires complete survey
As*	Freud Passage (Brabant Island)	B	D	INT 9156, 9170 (AR) & 9157 (UK) Miscellaneous passage data Requires complete survey

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MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
At	Booth & Pleneau Islands & Port Charcot (Lemaire Channel)	C	D (C & D)	INT 9118 & 9158 (UK) HSM 28 35% complete. Blocks surveyed by: Xplore Expeditions/SHOM 2013 Requires survey beyond 2013 surveys above indicated bay ZoC B&C on ENC
Au	Gunnel Channel (Adelaide island)	C	D	INT 9108, 9161 (CL) & 9171 (UK) 30% complete Blocks surveyed by: UK 2017/18 (HI1439B 1541)
Av	Pourquoi Pas Island (Falliers Coast)	C	D (B)	INT 9163 (UK) & 9161 Miscellaneous passage data 25% complete Blocks surveyed by: UK 1996 (HI1701 Pinco Island) UK 2017 (HI1439B Horsehoe Island westwards) UK 2018 (HI1541 Bigourdan Fjord) Survey required in Bourgeois Fjord, Cobey Rocks and south approaches
Aw	Cierva Cove (Gerlache Strait)	A	B & D	INT 9165 60% complete Blocks surveyed by: Colombia 2017 (60 59W westwards) Linblad Expeditions 2014 (50% coverage) Spain in 2016 (transit into CO data) Requires survey west of CO data
Ax	Orne Harbour (Arctowski Peninsula)	B	A	INT 9103 (CL) 95% complete. Blocks surveyed by: SHOM 2013 UK 2013
Ay	Mickkelsen Harbour (Trinity Island)	B	B	INT 9165 (UK) 95% Complete Surveyed by: Colombia 2017
Az	Wilhelmina Bay (Gerlache Strait)	B	B (D)	INT 9166 (UK) & 9157 (CL) 99% complete Blocks surveyed by: Colombia 2017 (75% coverage) Spain 2017 (64 26.4S 61 57.3W) UK 2006 (Gerlache Strait) Surveys planned by UK 2021/22 Small survey required west of Delaite Island & Foyen Hbr

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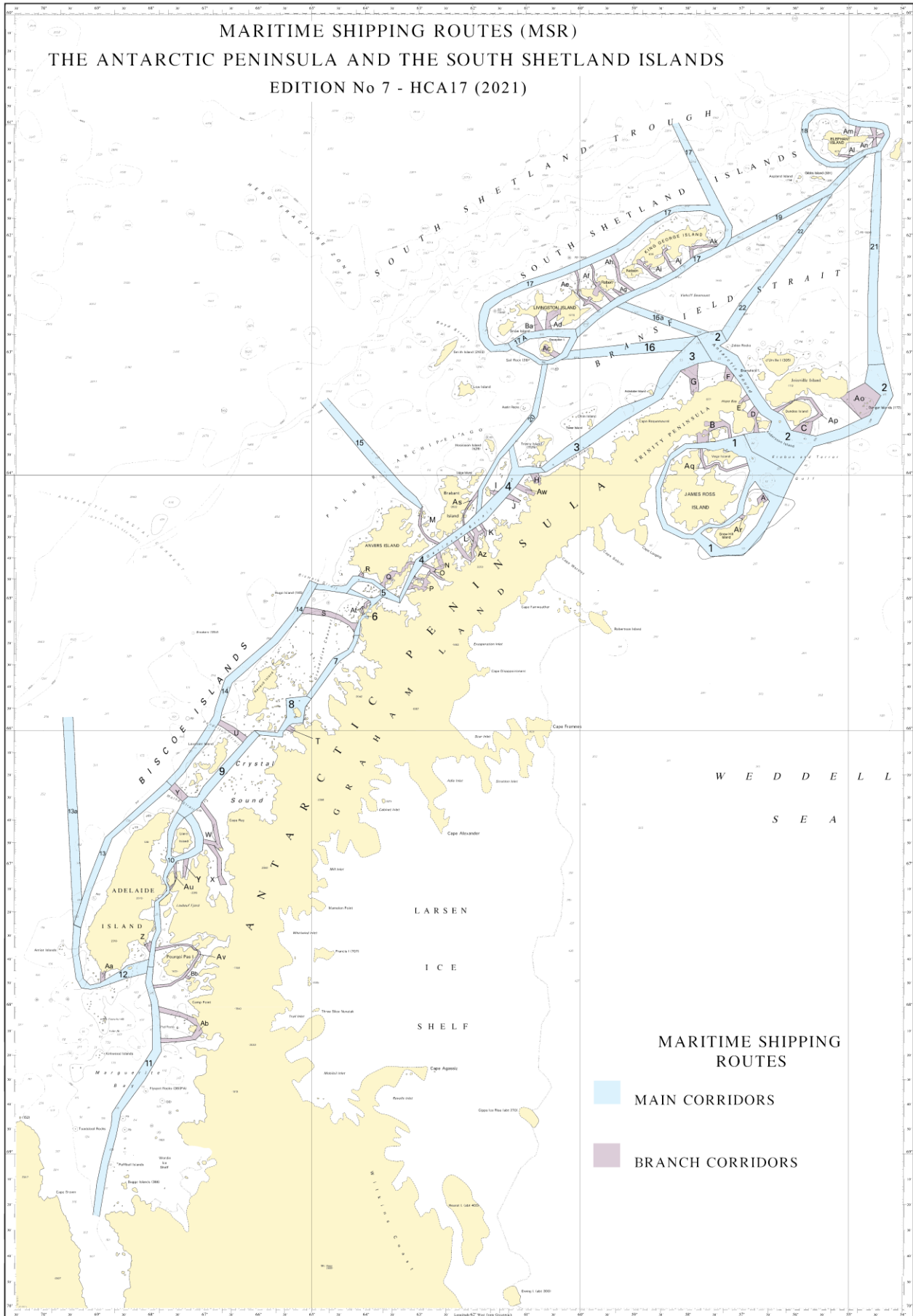
MSR	Name	Usage category	Charted ZoC*	INT Chart Coverage & Survey Information
Ba	Elephant Point & Approaches	C	A	INT 9121 (ES) 95% complete Blocks surveyed by: Spain 2012 & 2017
Bb	Horseshoe Island Lystad Bay & Apps	C	Lystad Bay = A Sally Cove = B	INT 9113 & 9163 (UK) HSM 63 Lydstad Bay 80% complete Blocks surveyed by: Turkey 2018 Survey planned 21-22 by Turkey Sally Cove 20% complete Blocks surveyed by: UK 2018 (HI1439B) Surveys planned by UKHO 2021/22

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MARITIME SHIPPING ROUTES (MSR)
 THE ANTARCTIC PENINSULA AND THE SOUTH SHETLAND ISLANDS
 EDITION No 7 - HCA17 (2021)



MARITIME SHIPPING
 ROUTES

MAIN CORRIDORS

BRANCH CORRIDORS