

ACAP Species Assessment distribution maps: 2024 update

Agreement on the Conservation of Albatrosses and Petrels (ACAP)

BirdLife International (BLI)

INTRODUCTION

The ACAP Species Assessments (<https://acap.aq/resources/acap-species>) aim to summarise the most recent scientific information regarding albatross and petrel species listed under the Agreement. These assessments provide data on each species' population status and trends, their distribution, the threats they face both at breeding sites and at sea, as well as the conservation measures that are in place to protect them. As part of an ongoing process to update the assessments with the latest information, ACAP and BLI have jointly been undertaking a process to update the distribution maps contained within the assessments. The update has involved compiling tracking data to produce new adult breeding and non-breeding distribution (densities) maps for albatrosses and petrels listed under the Agreement. In cases where available, maps for juvenile and immature birds were also created.

Noting Objective 3C of the CCSBT Multi-Year Seabird Strategy (*to regularly monitor and identify changes in the spatial overlap of fishing effort for SBT and the distribution of seabird species, particularly threatened albatross and petrel species, and inform the relevant fisheries across tuna RFMOs*) and the reliance of the Spatially Explicit Fisheries Risk Assessment (SEFRA) on seabird spatial data, we report these latest distribution maps for consideration by ERSWG15. We have included maps only for those 22 ACAP species which overlap with SBT fisheries. These maps will be incorporated into updated ACAP Species Assessments due to be published in late 2024.

METHODS

Tracking data deposited in the BirdLife Seabird Tracking Database (<http://seabirdtracking.org/>) was downloaded after data owners granted approval for all ACAP listed species. The tracks included data collected by a variety of devices, including Global Positioning System (GPS) loggers, Platform Terminal Transmitters (PTTs) and Global Location Sensor (GLS) loggers. The data obtained and used to develop these maps is summarised in Appendix 1.

Tracking data was cleaned and standardised according to established protocols (Carneiro et al., 2020). In brief, a basic speed filter was applied for PTT and GPS data in order to remove erroneous positions with speeds > 90 km/h (McConnell et al., 1992). PTT and GPS data were linearly interpolated (i.e. rediscritization every hour) to obtain regular positions. All positions within 5 km (for GPS data) and 15 km (for PTT data) of the colony were excluded for the analysis. GLS data are expected to be cleaned prior to uploading in the Seabird Tracking Database. However, in some instances, we removed locations around the equinoxes (March equinox: -21, +7 days; September equinox: -7, +21 days) as they are unreliable, unless latitudes were estimated using additional information such as sea surface temperature prior to our analysis.

A breeding population was defined according to criteria adopted by ACAP as individuals of each species found breeding at each "island group". Island group and global breeding population size estimates were obtained from the ACAP database (<https://data.acap.aq>). For the purpose of these analyses, island groups with fewer than 10 breeding pairs were excluded from the maps.

All tracking data were split into data groups (by pooling all data for each combination of species, island group, device type, age class and stage of the annual cycle). The classification of tracking data into age (i.e. adult

vs. juvenile/immature) and stage of the annual cycle (i.e. breeding vs. non-breeding) followed the classification provided by data owners when uploading data into the Seabird Tracking Database.

Utilization distributions (UDs) using kernel analysis in the adehabitatHR package (Calenge, 2006) were estimated for each data group. Tracking data derived from GPS and PTT were combined before the kernel analysis. Data groups with less than five tracks were excluded from the analysis. A fixed smoothing parameter (h) of 50 km was used for PTT and GPS data, and 200 km for GLS data (BirdLife International, 2004). When data from several island groups were available, we combined data group UD by weighting them in proportion to the breeding population size at each island group. From the UD, 50, 75 and 95% isopleths were calculated to categorise different levels of intensity in use. Core areas were delimited as those areas enclosed by the lowest percent of these isopleths.

SPECIES MAPS

The following species maps are split by age class and breeding stage. Maps were created separately for GPS/PTT and GLS devices. See methods for more details.

Albatrosses

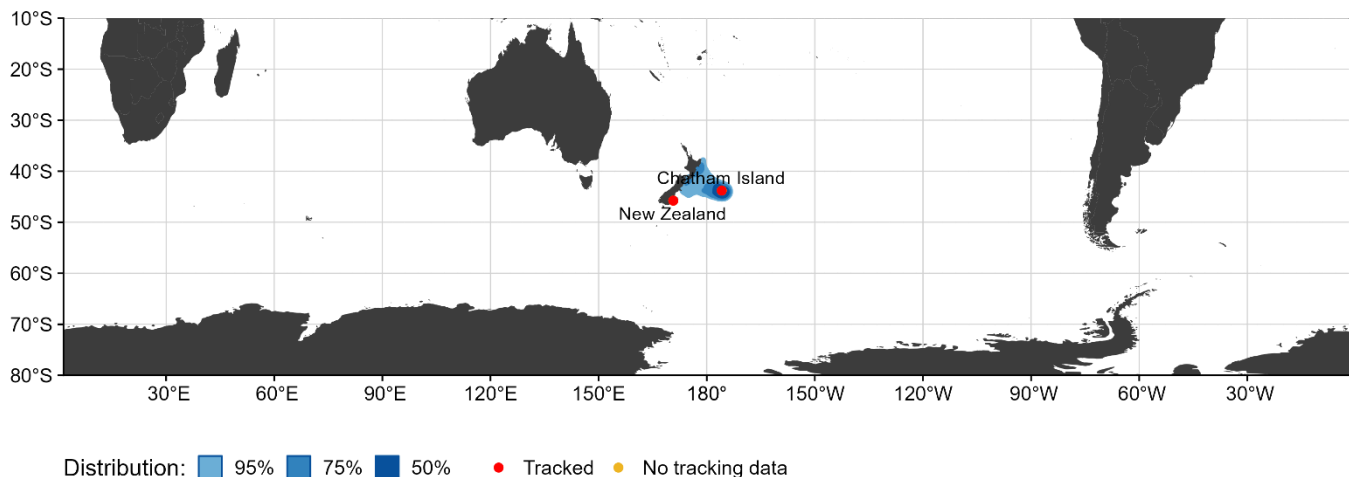


Figure 1: Breeding adult Northern Royal Albatross (*Diomedea sanfordi*). Device type: GPS/PTT.

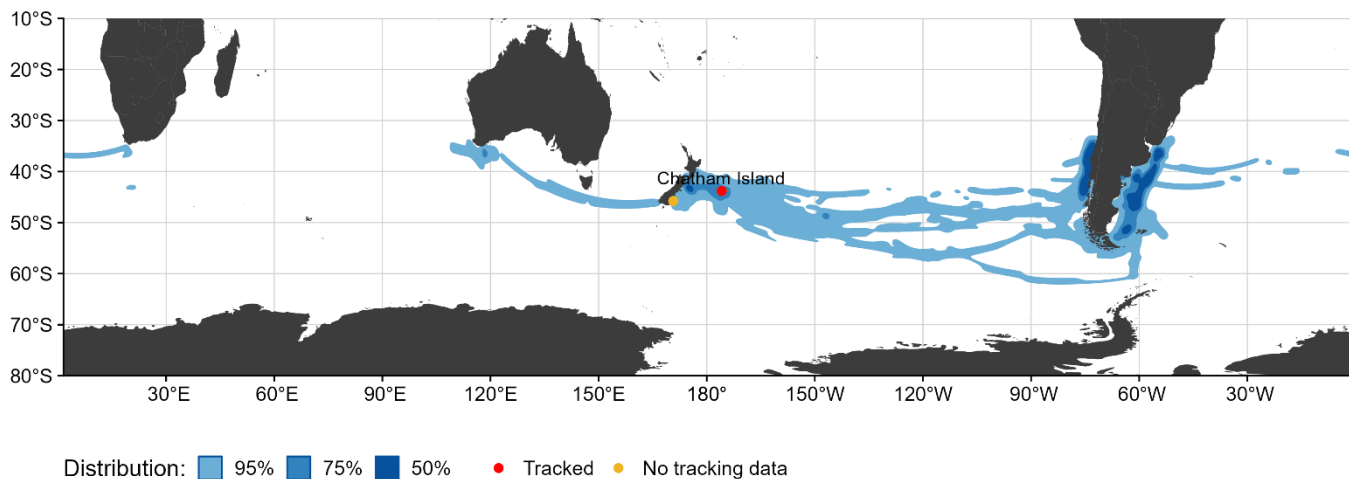


Figure 2: Non-breeding adult Northern Royal Albatross (*Diomedea sanfordi*). Device type: GPS/PTT.

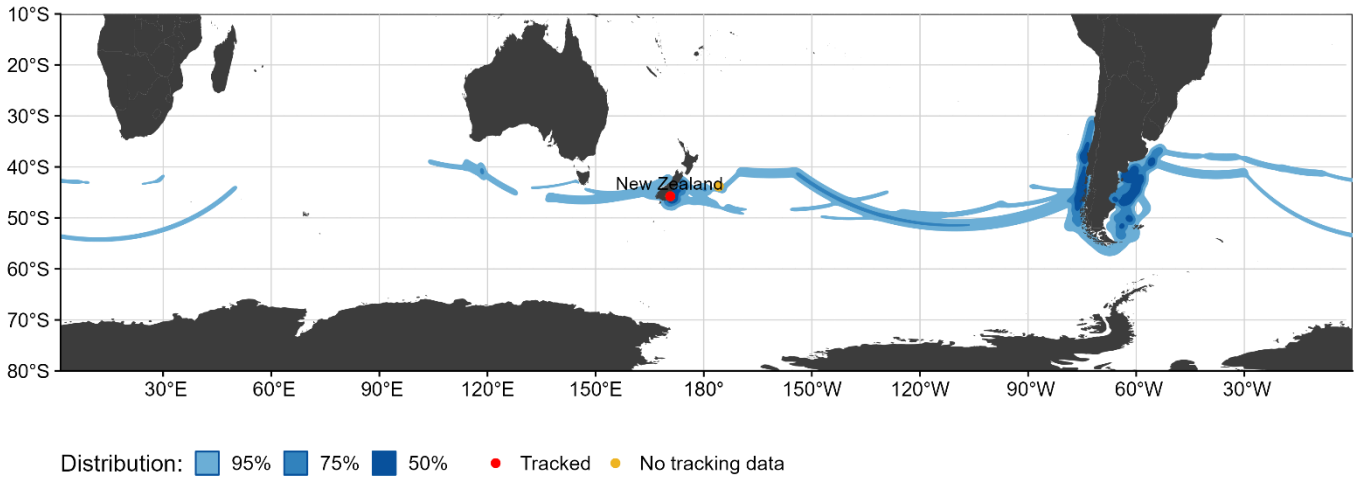


Figure 3: Non-breeding juvenile/immature Northern Royal Albatross (*Diomedea sanfordi*). Device type: GPS/PTT.

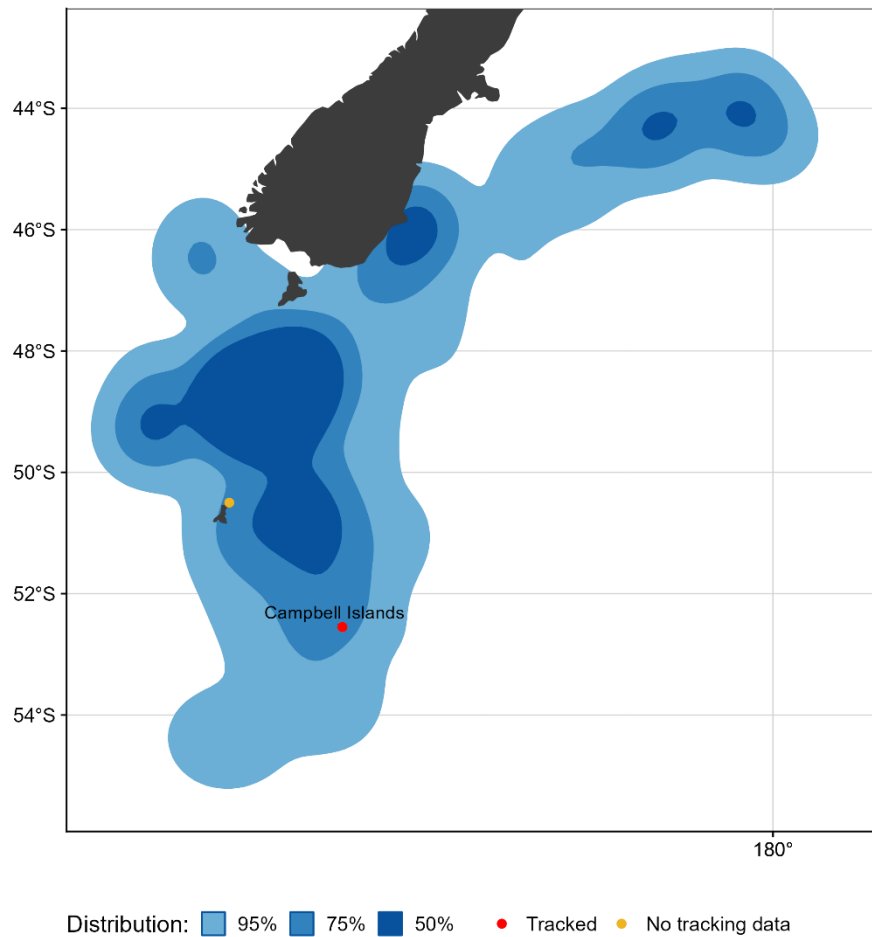
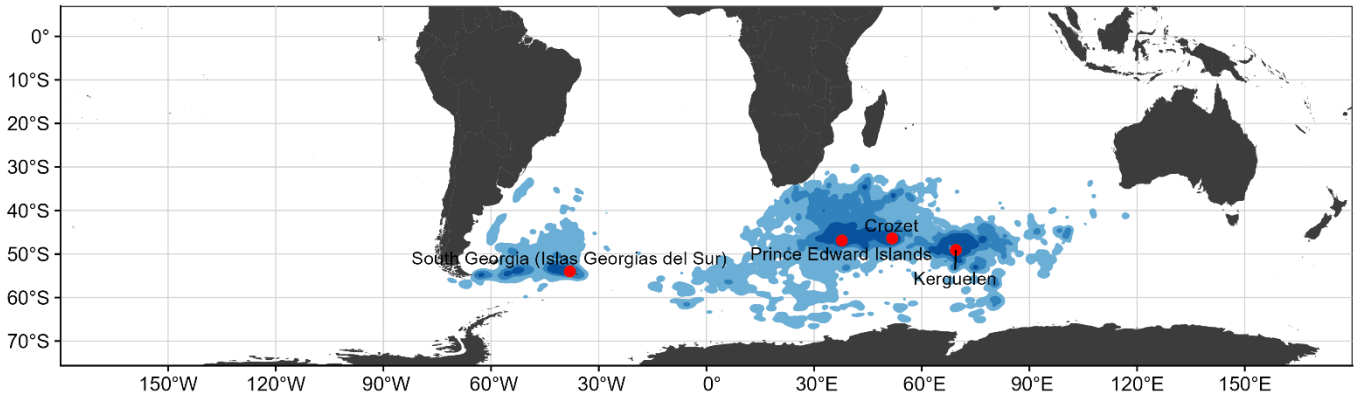
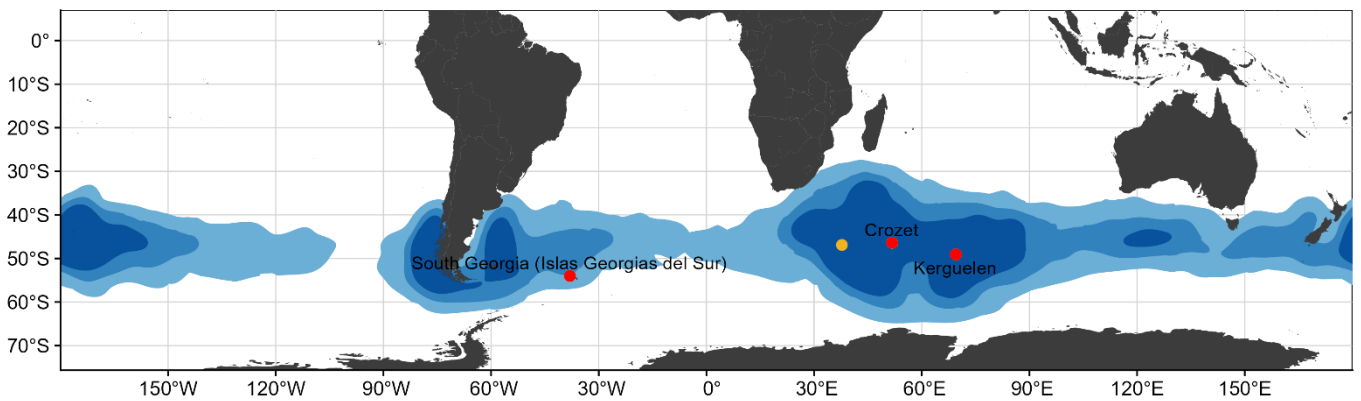


Figure 4: Breeding adult Southern Royal Albatross (*Diomedea epomophora*). Device type: GPS/PTT.



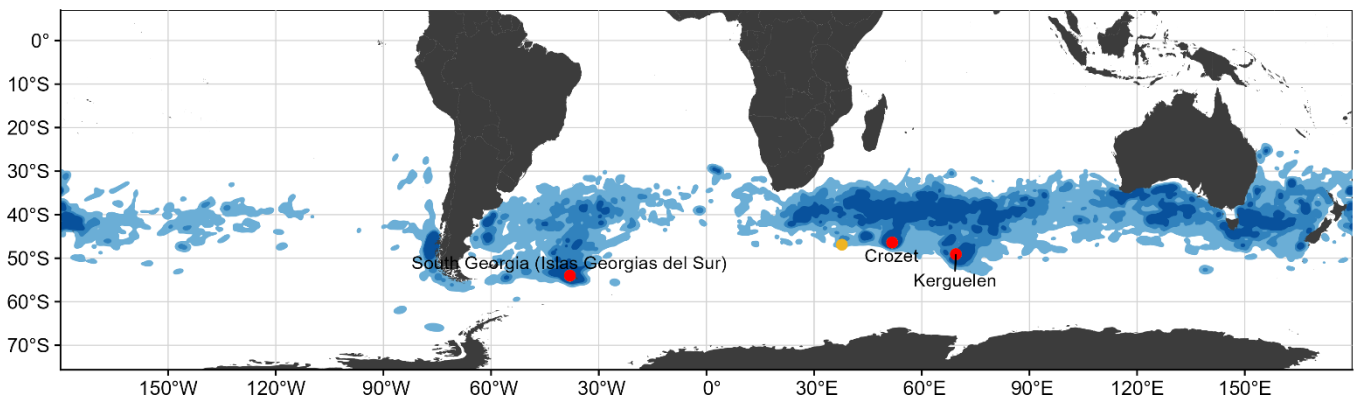
Distribution: 95% 75% 50% Tracked No tracking data

Figure 5: Breeding adult Wandering Albatross (*Diomedea exulans*). Device type: GPS/PTT.*



Distribution: 95% 75% 50% Tracked No tracking data

Figure 6: Non-breeding adult Wandering Albatross (*Diomedea exulans*). Device type: GLS.*



Distribution: 95% 75% 50% Tracked No tracking data

Figure 7: Non-breeding juvenile/immature Wandering Albatross (*Diomedea exulans*). Device type: GPS/PTT.*

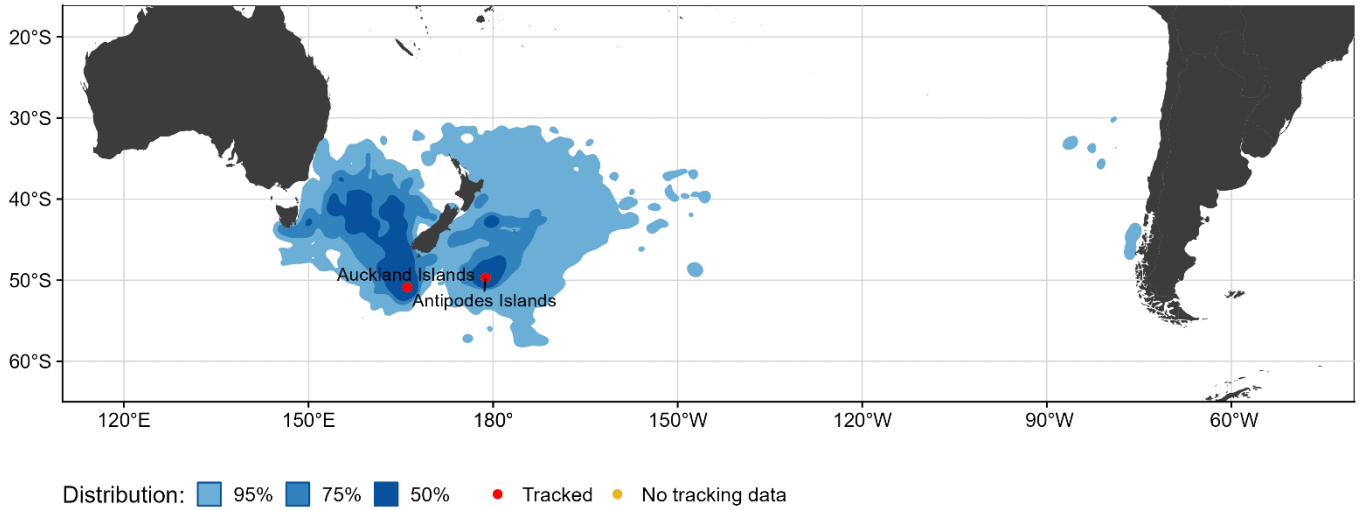


Figure 8: Breeding adult Antipodean Albatross (*Diomedea antipodensis*). Device type: GPS/PTT.

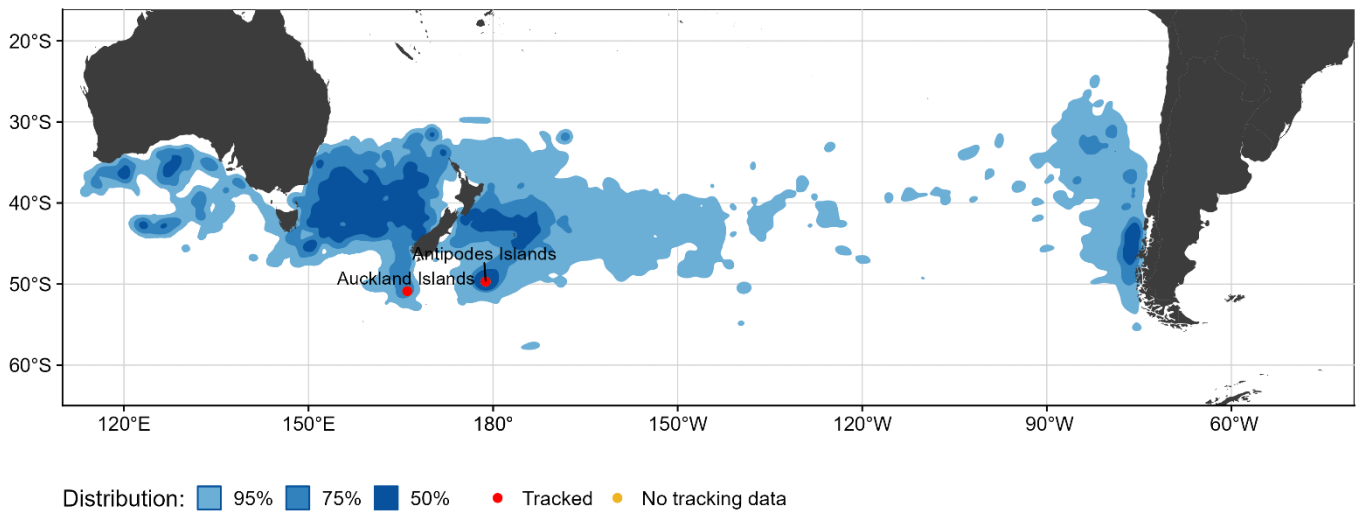


Figure 9: Non-breeding adult Antipodean Albatross (*Diomedea antipodensis*). Device type: GPS/PTT.

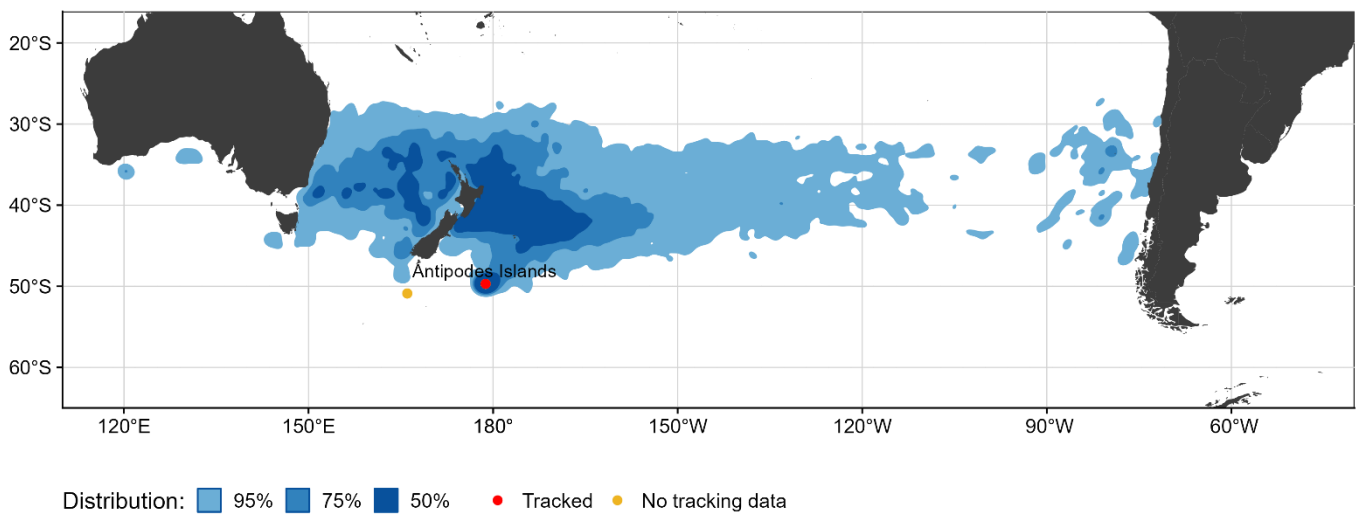


Figure 10: Non-breeding juvenile/immature Antipodean Albatross (*Diomedea antipodensis*). Device type: GPS/PTT.

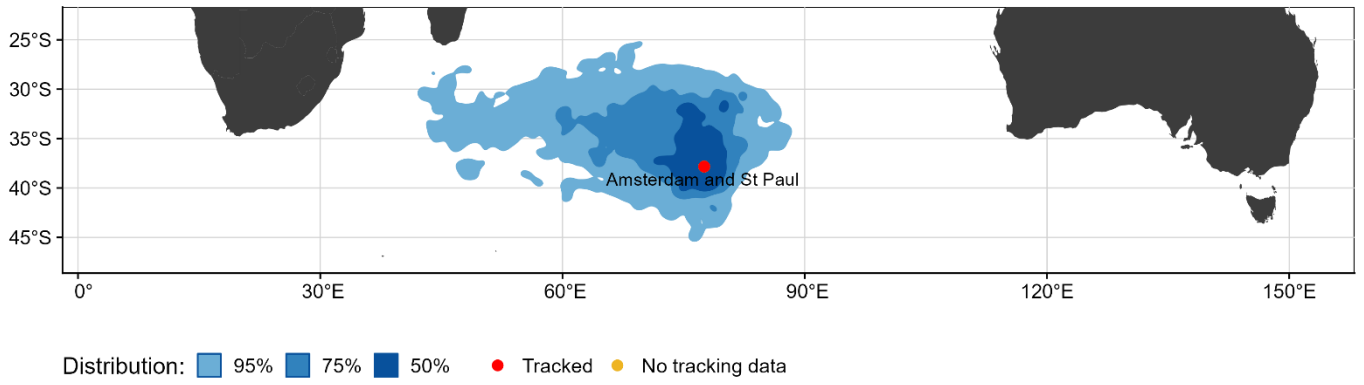


Figure 11: Breeding adult Amsterdam Albatross (*Diomedea amsterdamensis*). Device type: GPS/PTT.

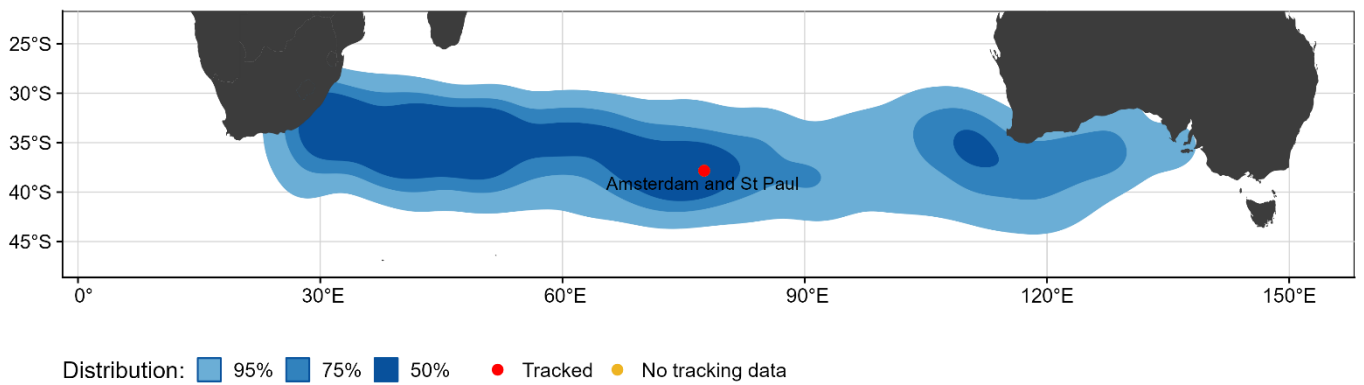


Figure 12: Non-breeding adult Amsterdam Albatross (*Diomedea amsterdamensis*). Device type: GLS.

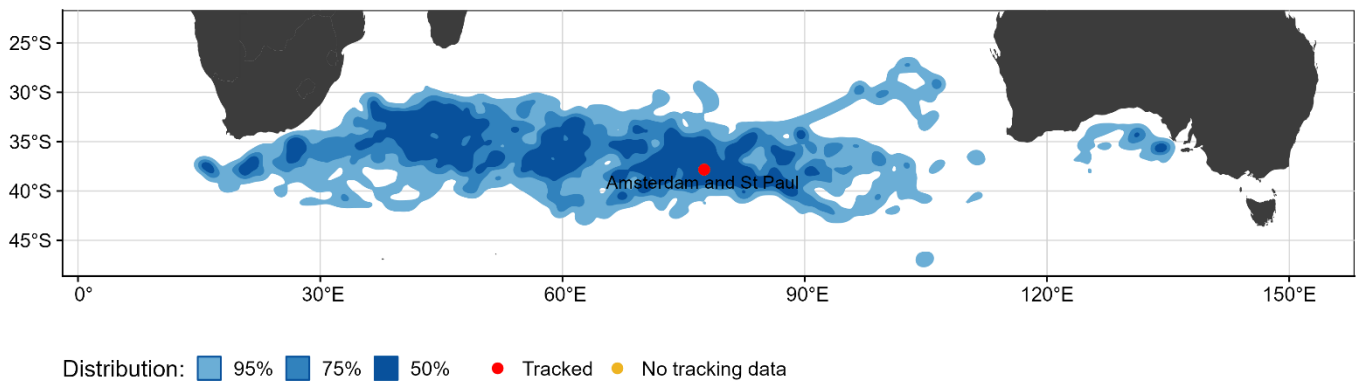
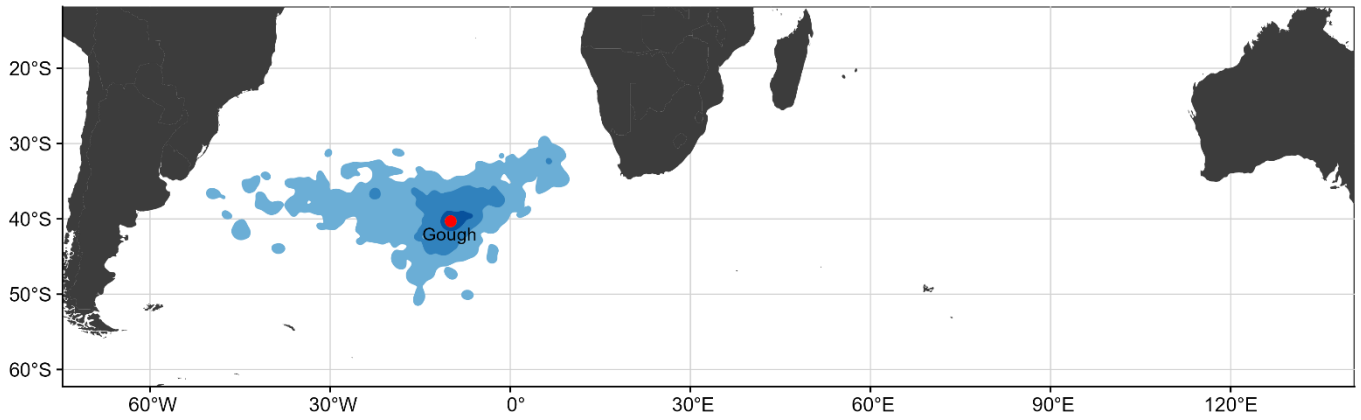
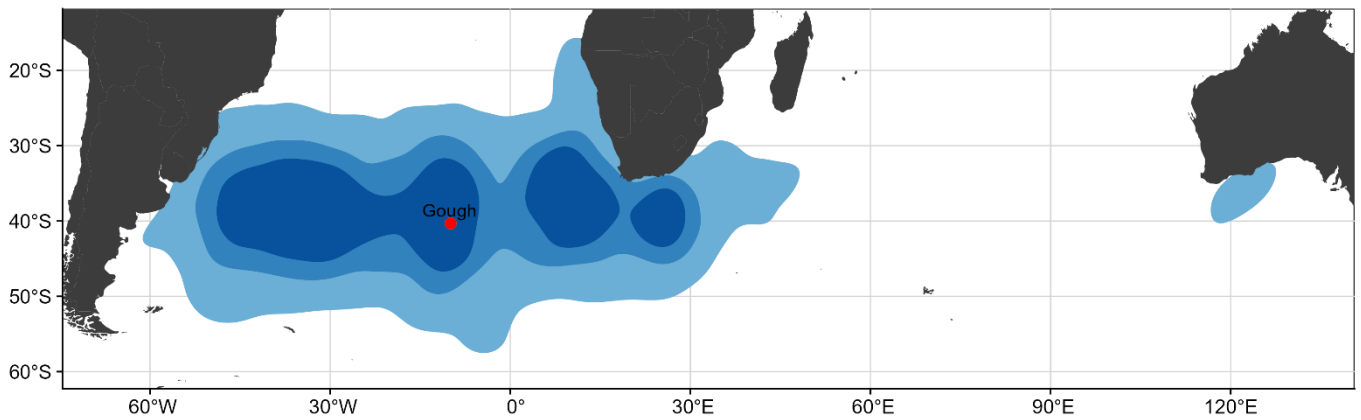


Figure 13: Non-breeding juvenile/immature Amsterdam Albatross (*Diomedea amsterdamensis*). Device type: GPS/PTT.



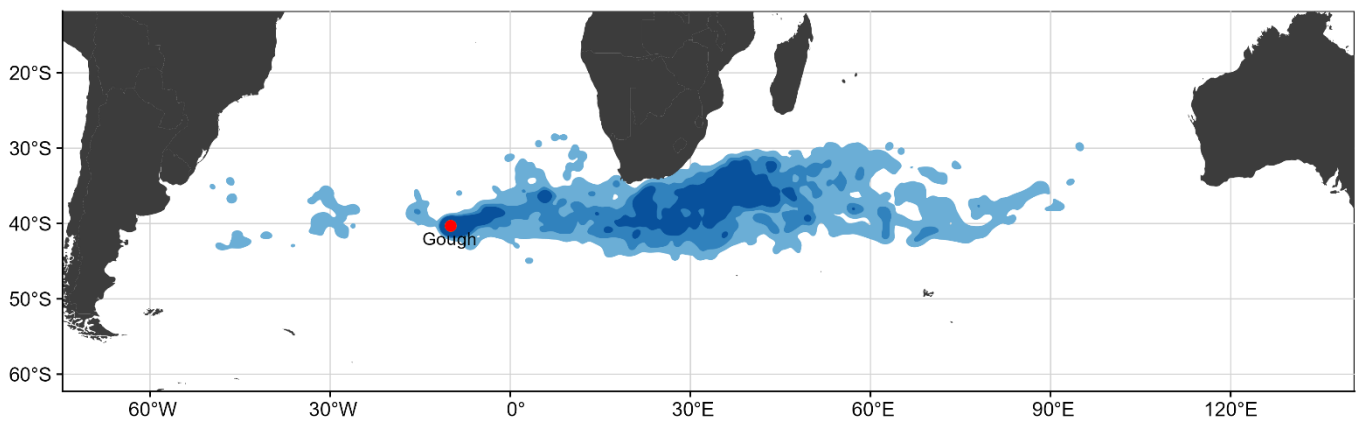
Distribution: 95% 75% 50% Tracked No tracking data

Figure 14: Breeding adult Tristan Albatross (*Diomedea dabbenena*). Device type: GPS/PTT.



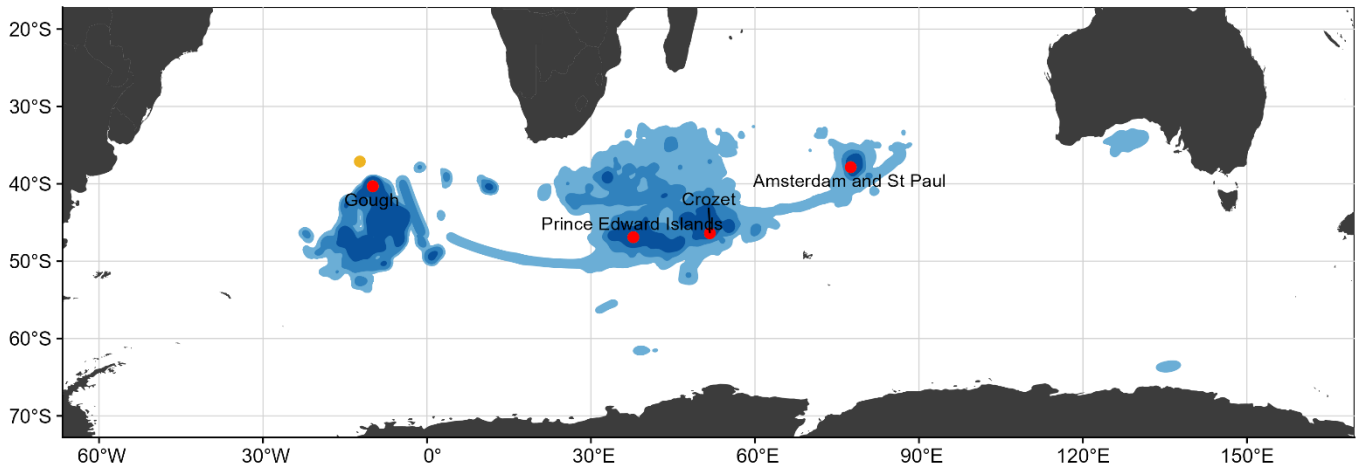
Distribution: 95% 75% 50% Tracked No tracking data

Figure 15: Non-breeding adult Tristan Albatross (*Diomedea dabbenena*). Device type: GLS.



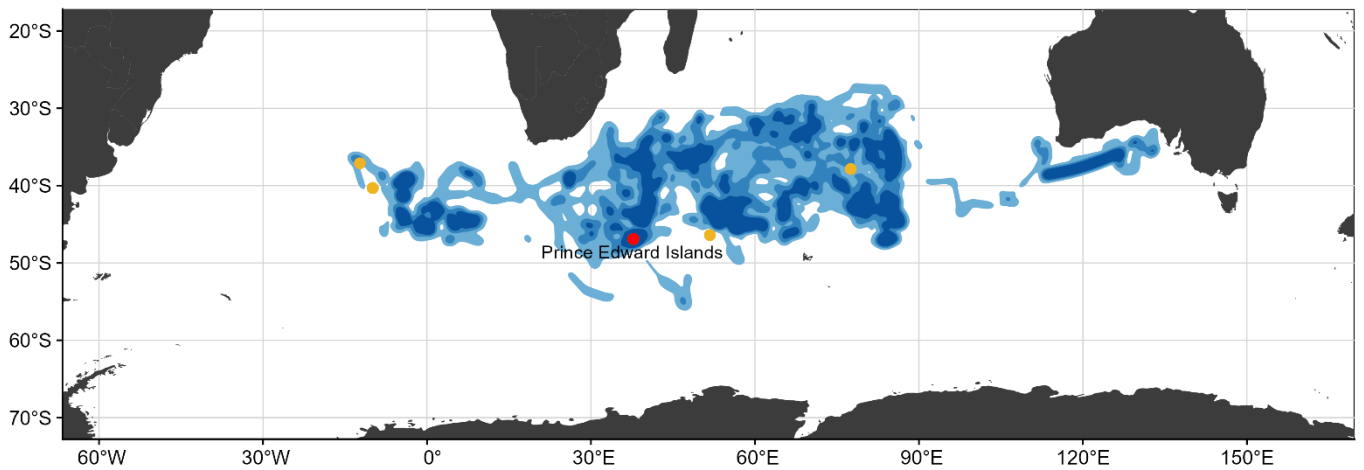
Distribution: 95% 75% 50% Tracked No tracking data

Figure 16: Non-breeding juvenile/immature Tristan Albatross (*Diomedea dabbenena*). Device type: GPS/PTT.



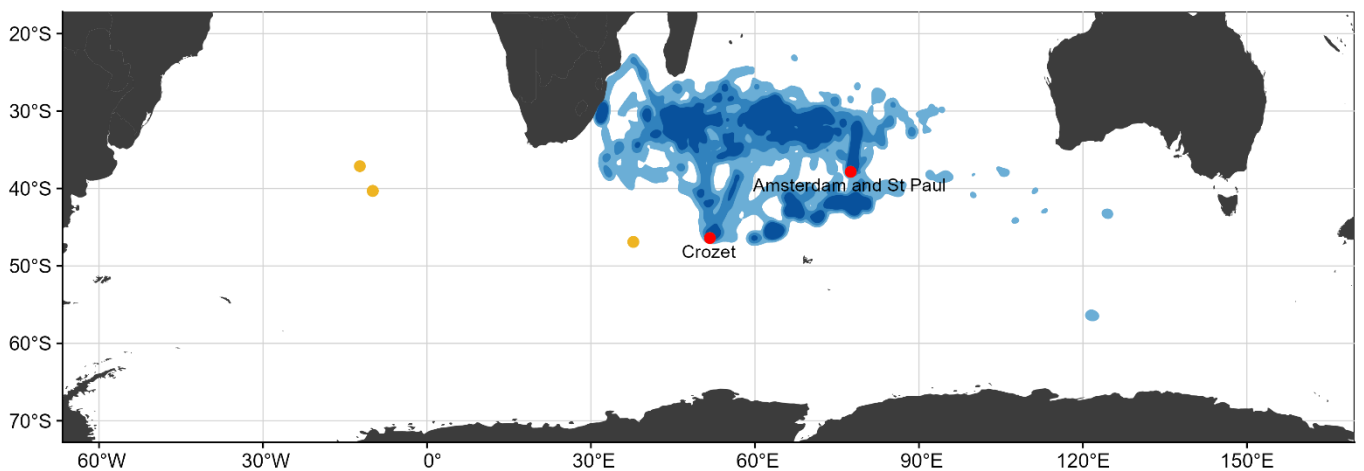
Distribution: 95% 75% 50% Tracked No tracking data

Figure 17: Breeding adult Sooty Albatross (*Phoebetria fusca*). Device type: GPS/PTT.



Distribution: 95% 75% 50% Tracked No tracking data

Figure 18: Non-breeding adult Sooty Albatross (*Phoebetria fusca*). Device type: GPS/PTT.



Distribution: 95% 75% 50% Tracked No tracking data

Figure 19: Non-breeding juvenile/immature Sooty Albatross (*Phoebetria fusca*). Device type: GPS/PTT.

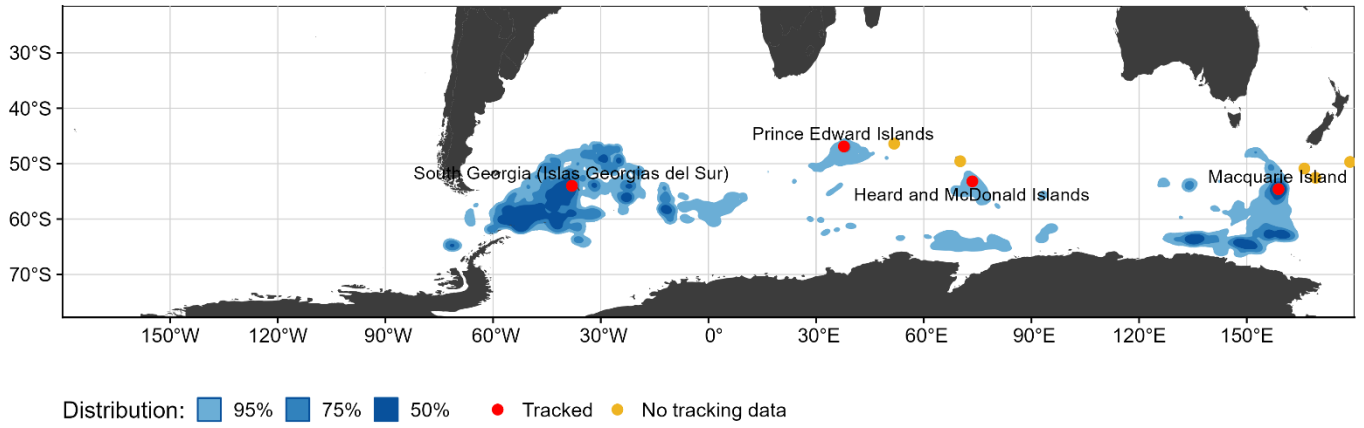


Figure 20: Breeding adult Light-mantled Albatross (*Phoebastria palpebrata*). Device type: GPS/PTT.

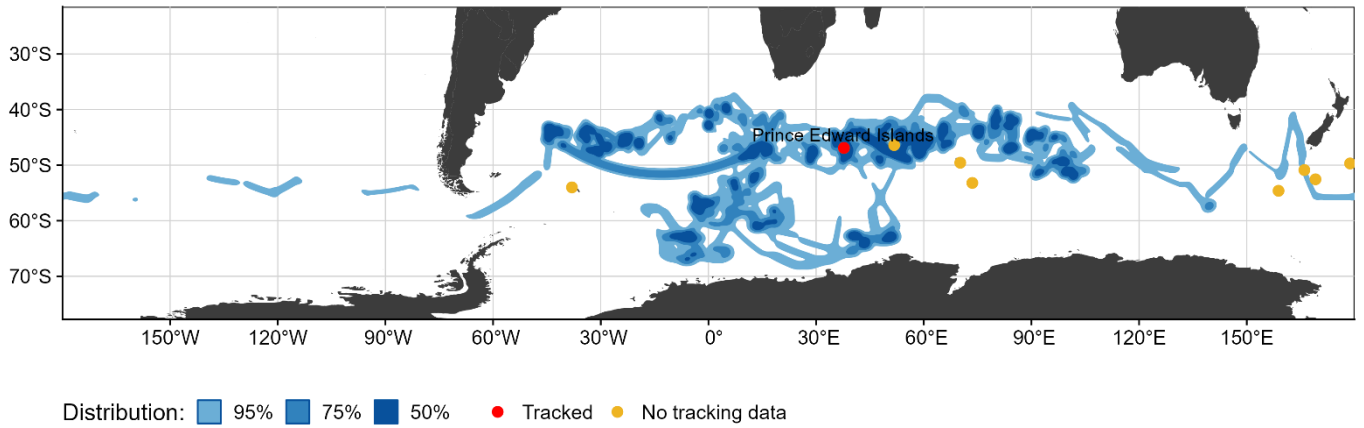


Figure 21: Non-breeding adult Light-mantled Albatross (*Phoebastria palpebrata*). Device type: GPS/PTT.

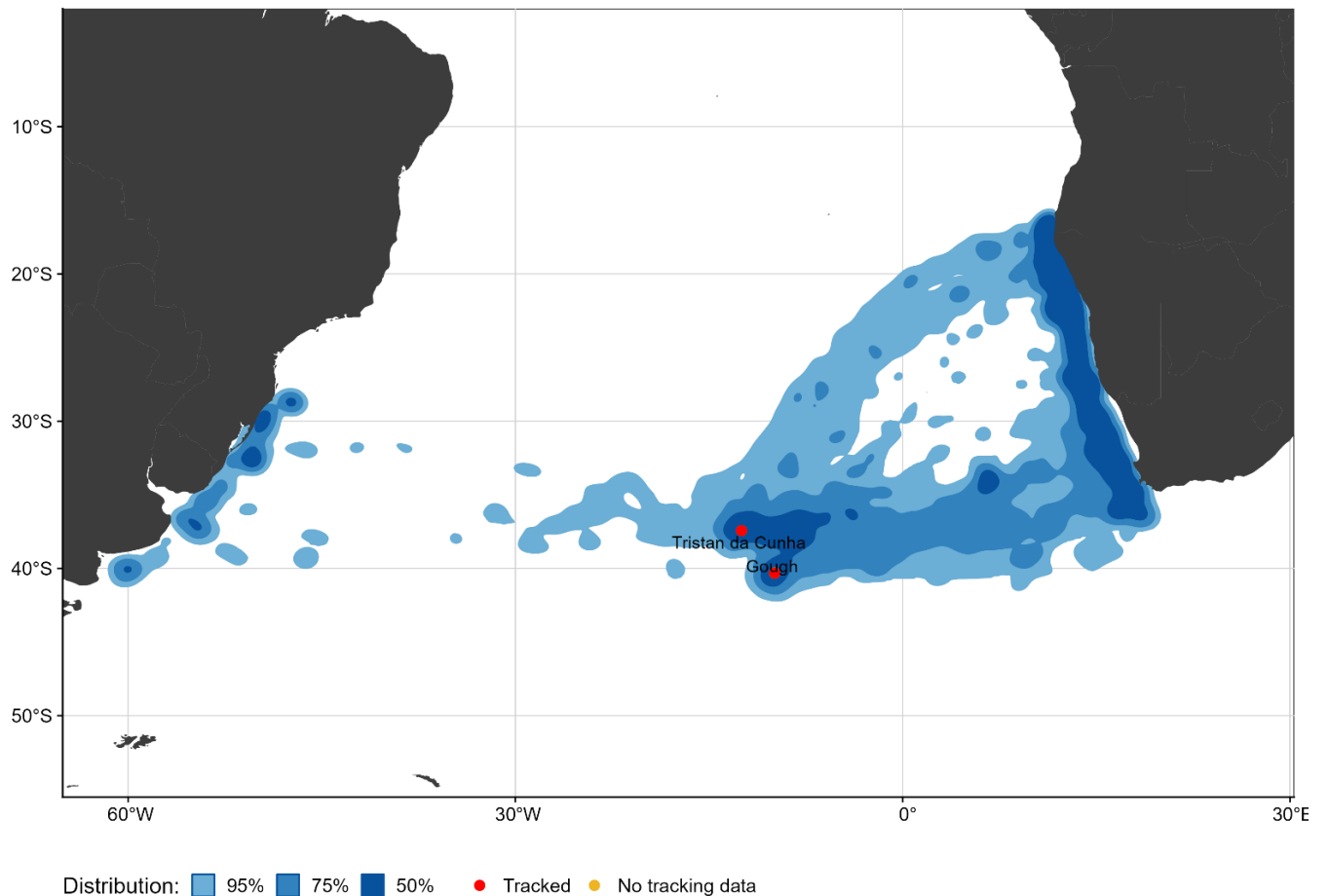


Figure 22: Breeding adult Atlantic Yellow-nosed Albatross (*Thalassarche chlororhynchos*). Device type: GPS/PTT.

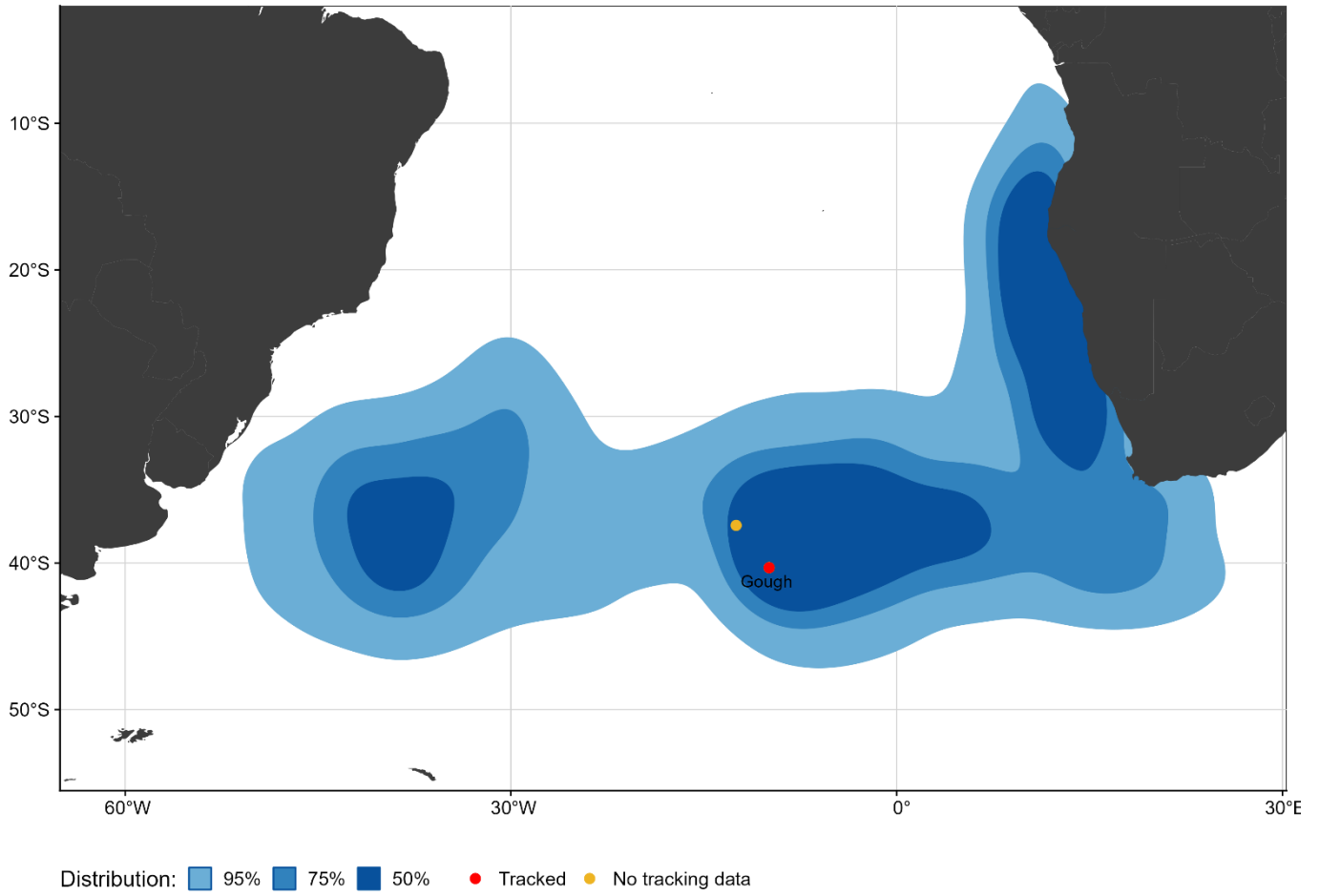


Figure 23: Non-breeding adult Atlantic Yellow-nosed Albatross (*Thalassarche chlororhynchos*). Device type: GLS.

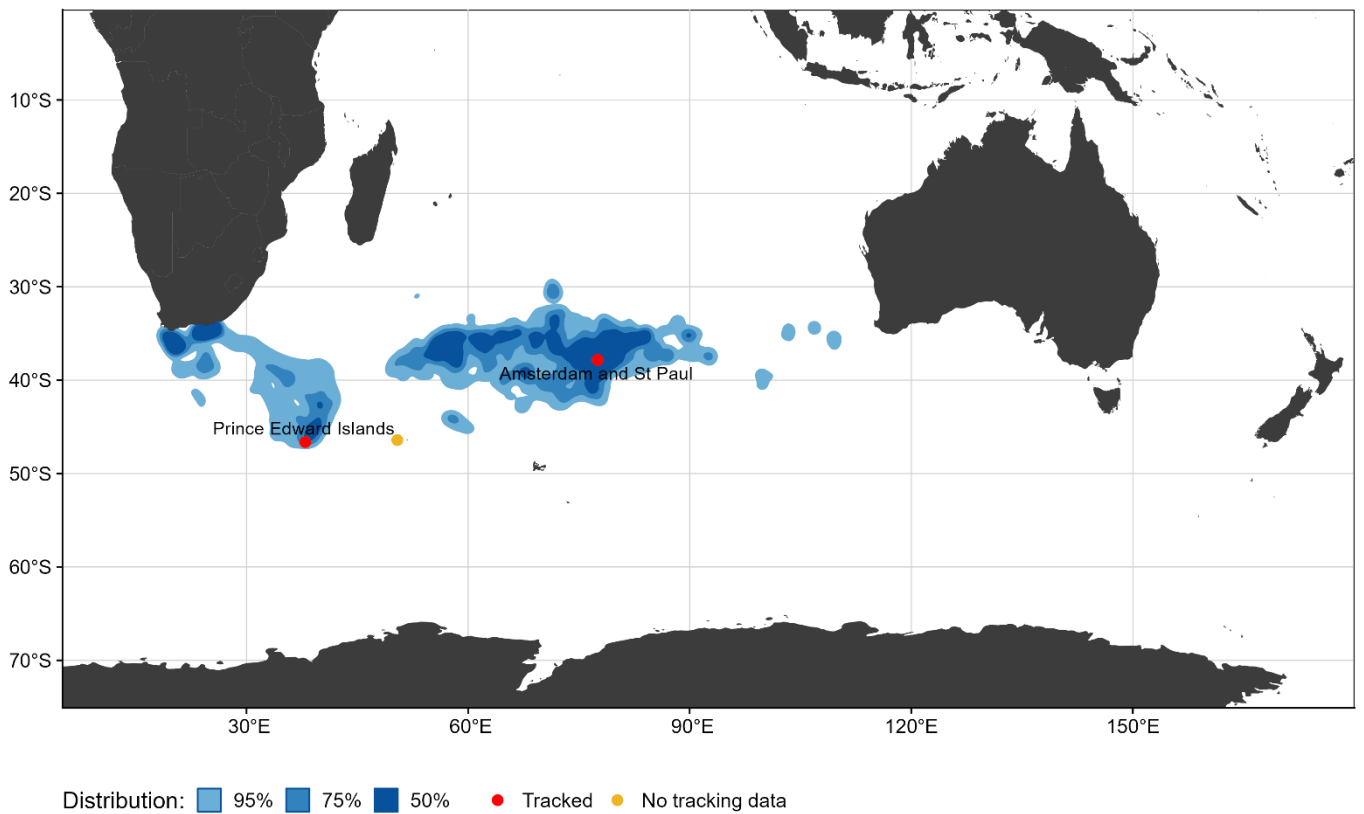


Figure 24: Breeding adult Indian Yellow-nosed Albatross (*Thalassarche carteri*). Device type: GPS/PTT.

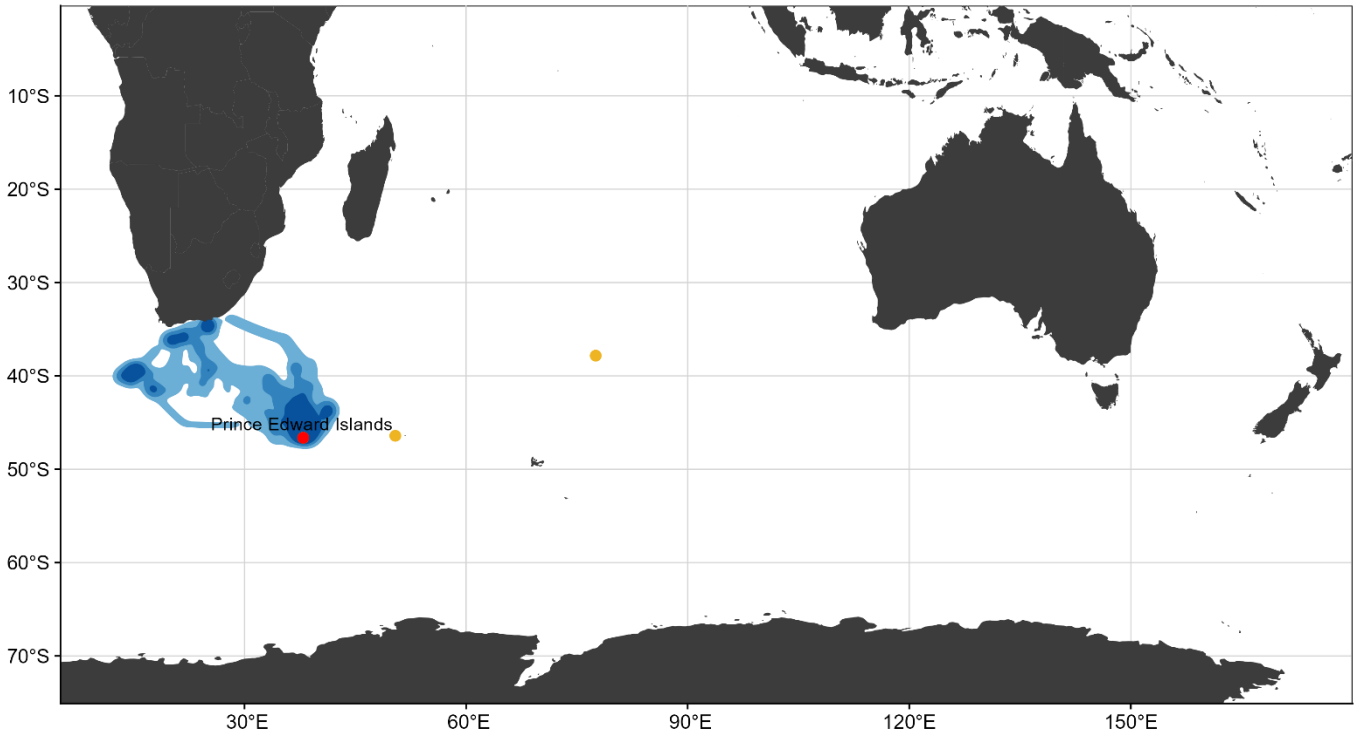


Figure 25: Non-breeding adult Indian Yellow-nosed Albatross (*Thalassarche carteri*). Device type: GPS/PTT.

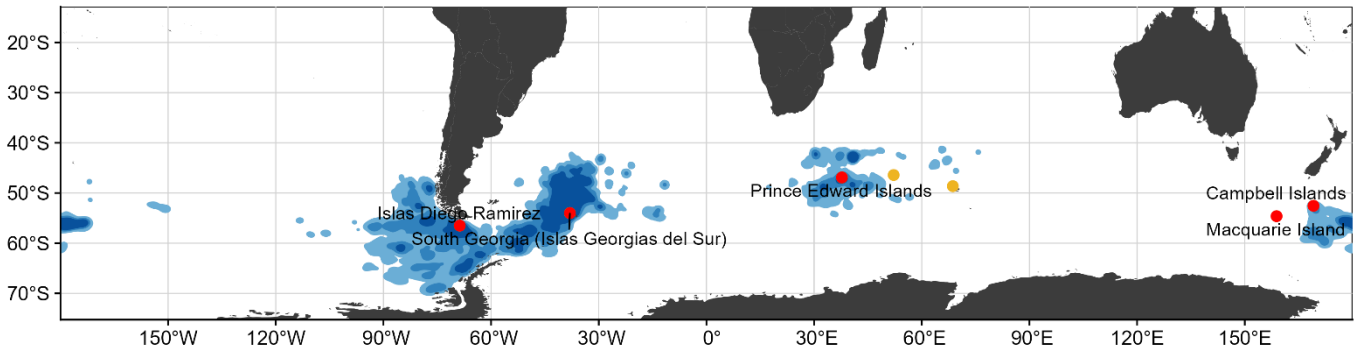


Figure 26: Breeding adult Grey-headed Albatross (*Thalassarche chrysostoma*). Device type: GPS/PTT.*

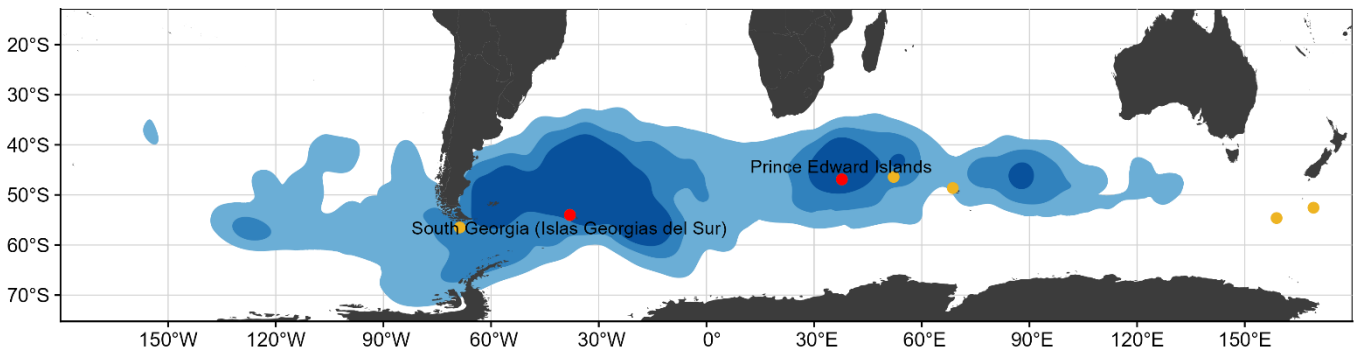


Figure 27: Non-breeding adult Grey-headed Albatross (*Thalassarche chrysostoma*). Device type: GLS.*

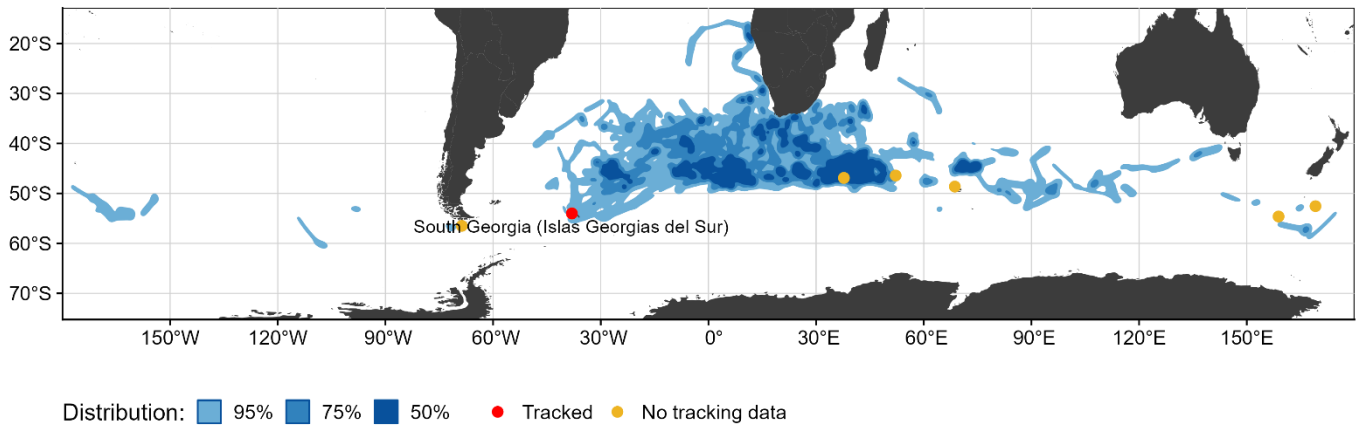


Figure 28: Non-breeding juvenile/immature Grey-headed Albatross (*Thalassarche chrysostoma*). Device type: GPS/PTT.*

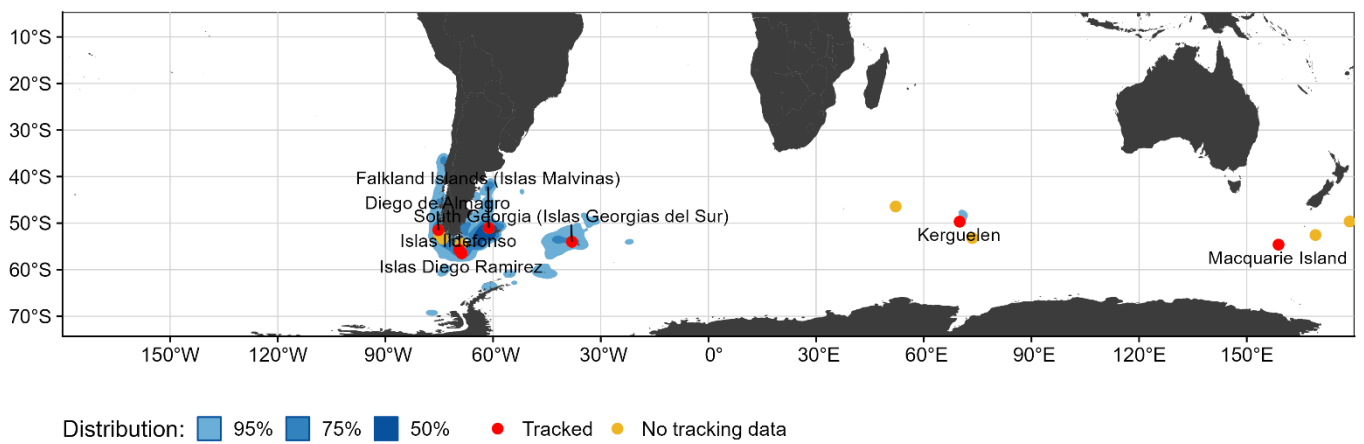


Figure 29: Breeding adult Black-browed Albatross (*Thalassarche melanophris*). Device type: GPS/PTT.*

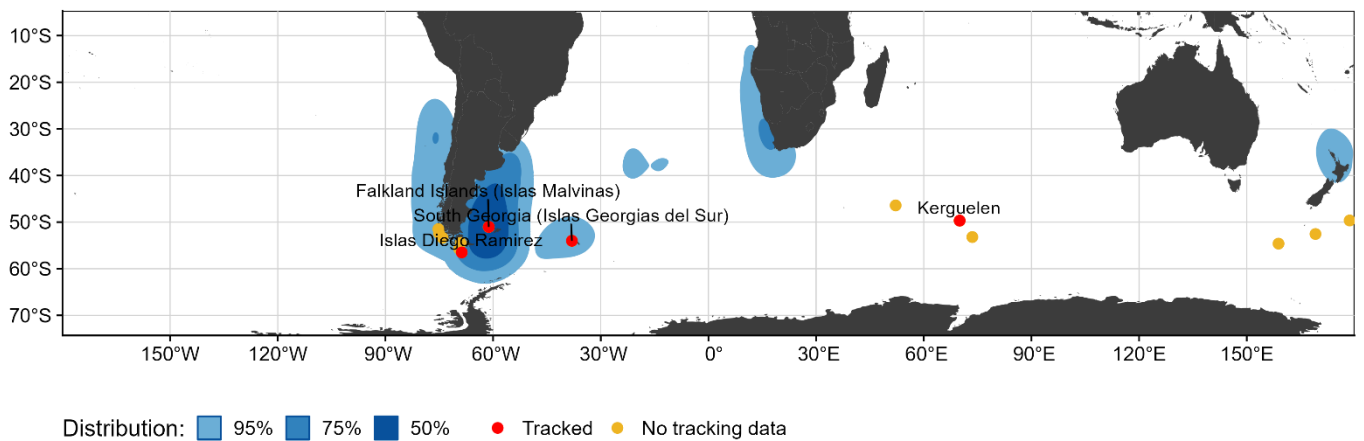


Figure 30: Non-breeding adult Black-browed Albatross (*Thalassarche melanophris*). Device type: GLS.*

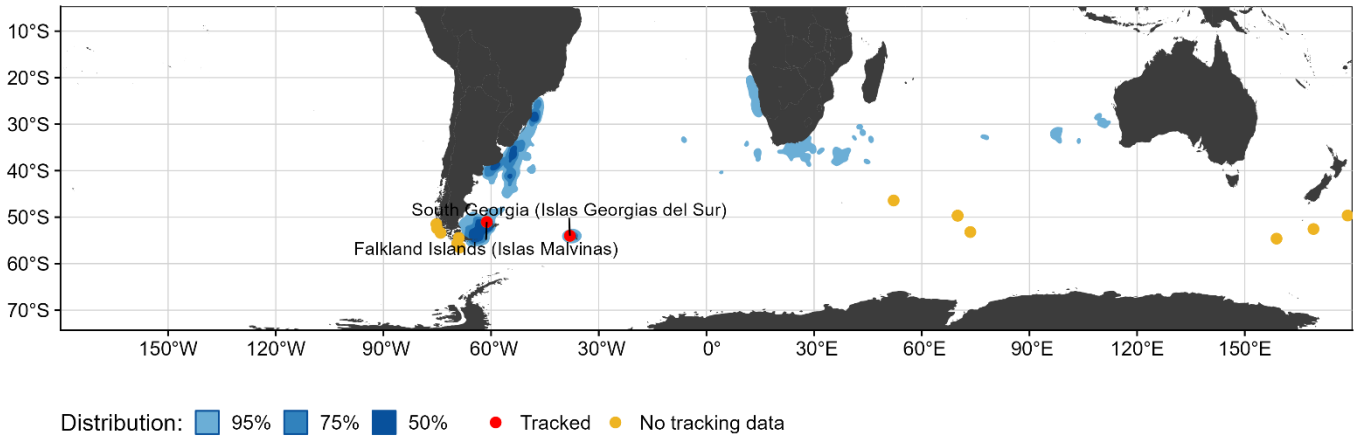


Figure 31: Non-breeding juvenile Black-browed Albatross (*Thalassarche melanophris*). Device type: GPS/PTT.*

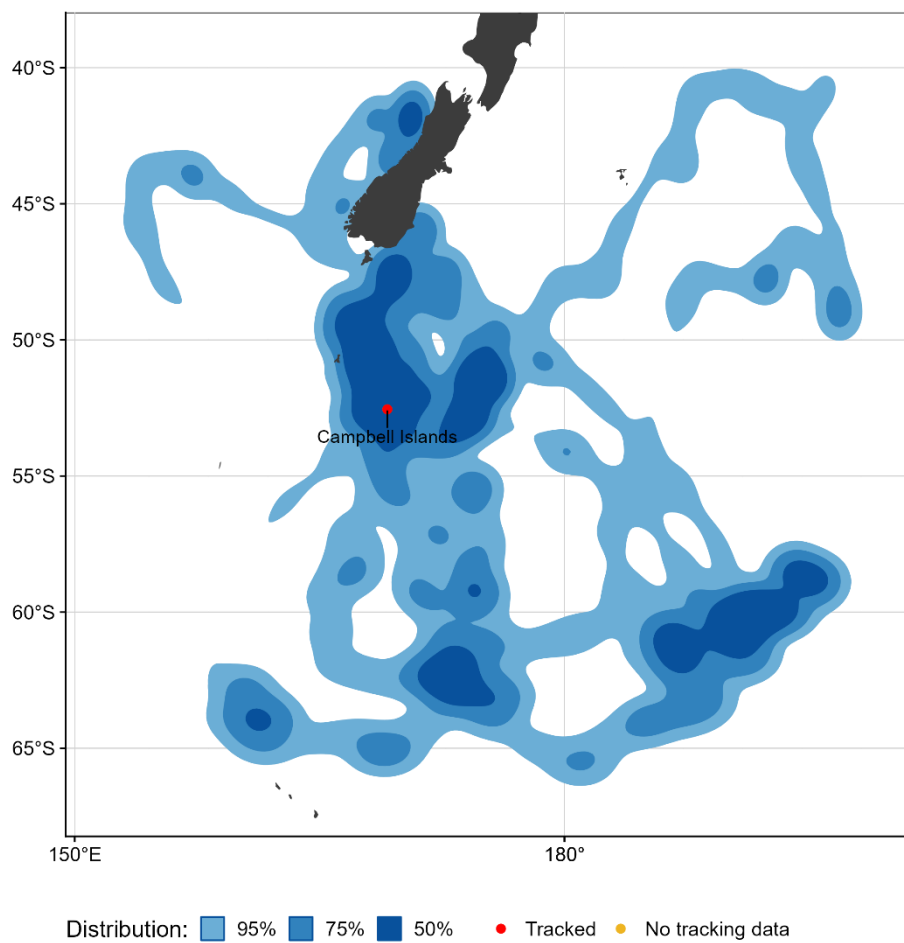


Figure 32: Breeding adult Campbell Albatross (*Thalassarche impavida*). Device type: GPS/PTT.

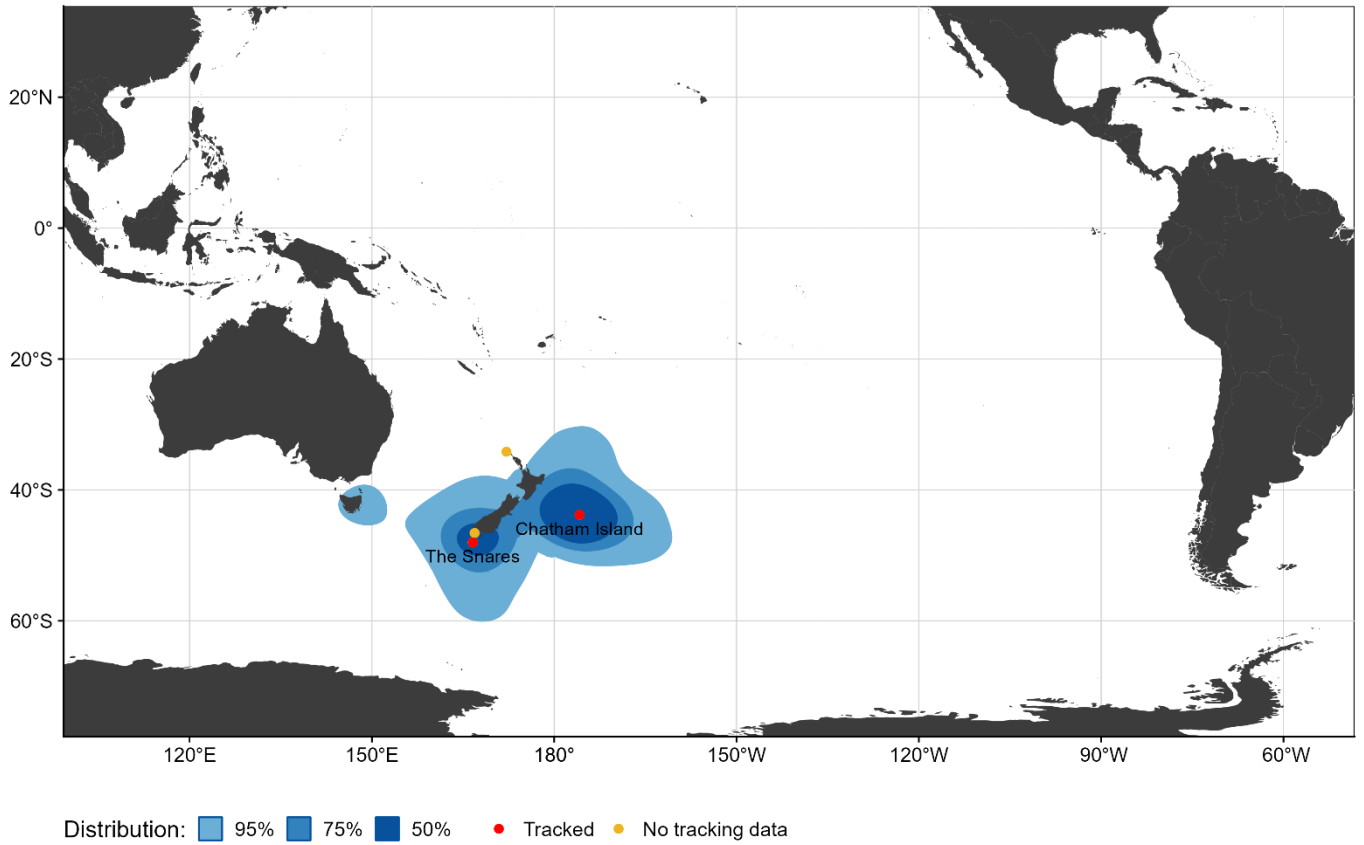


Figure 33: Breeding adult Buller's Albatross (*Thalassarche bulleri*). Device type: GLS.

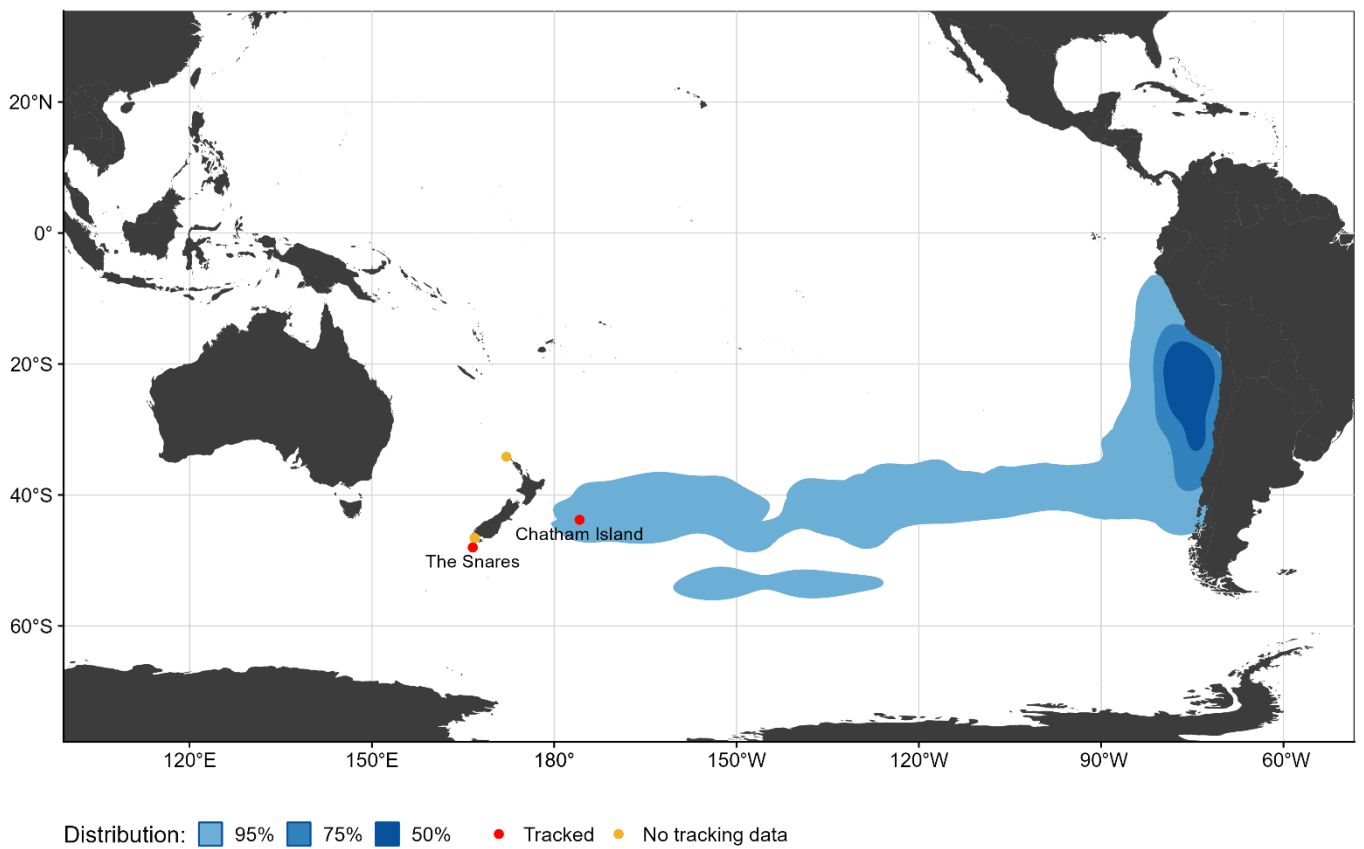
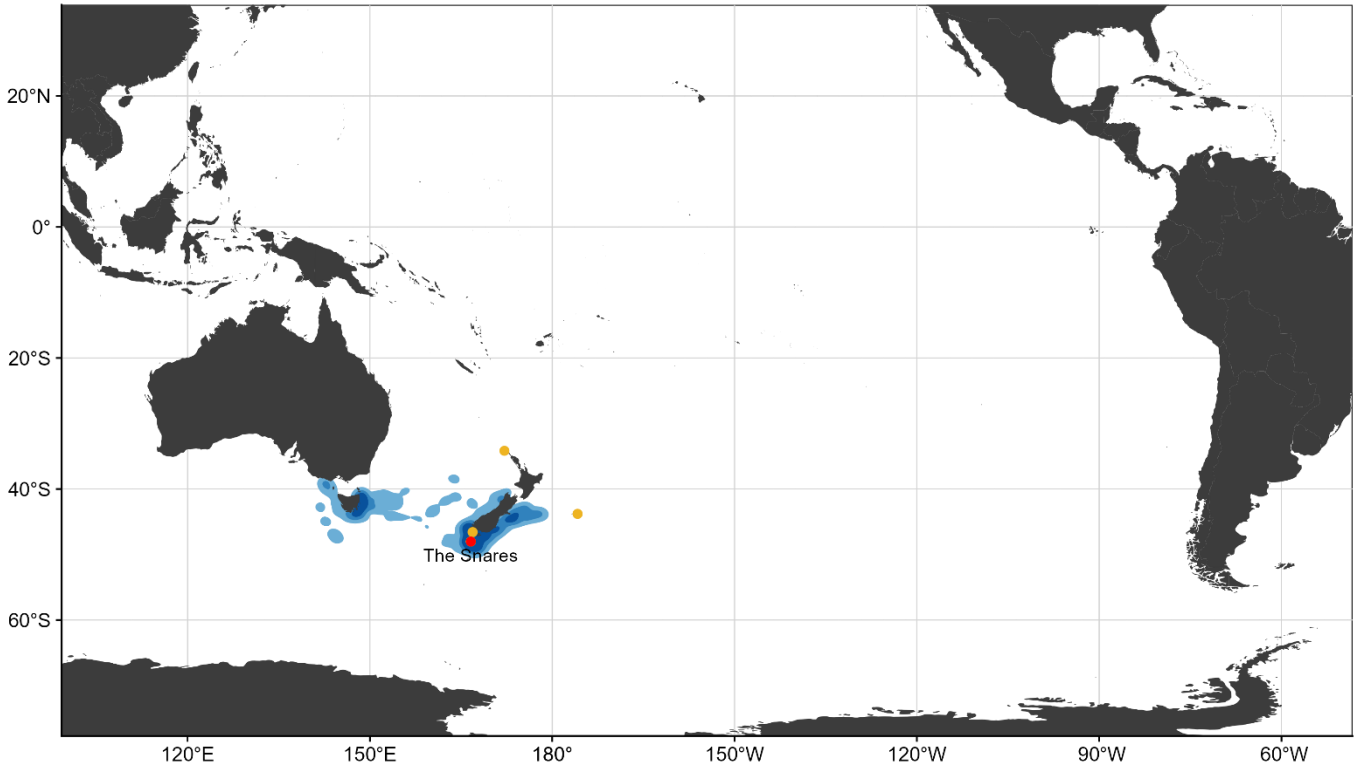
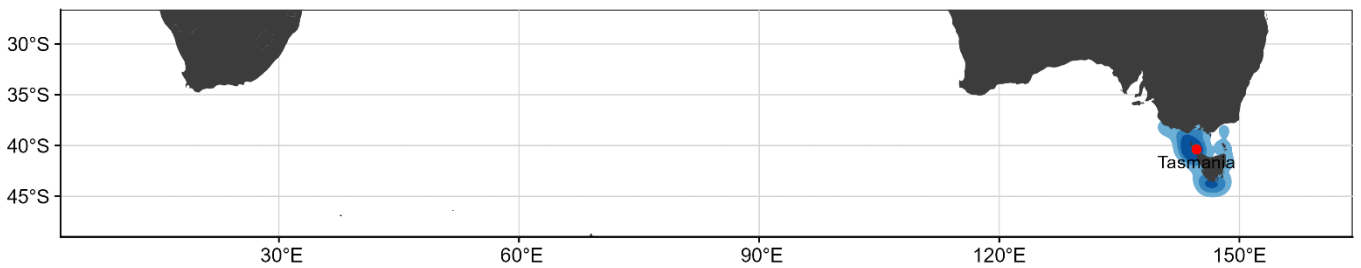


Figure 34: Non-breeding adult Buller's Albatross (*Thalassarche bulleri*). Device type: GLS.



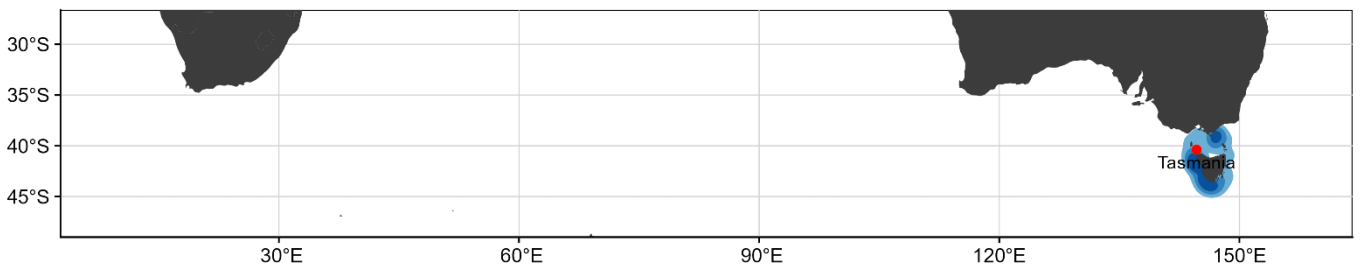
Distribution: 95% 75% 50% Tracked No tracking data

Figure 35: Non-breeding juvenile/immature Buller's Albatross (*Thalassarche bulleri*). Device type: GPS/PTT.



Distribution: 95% 75% 50% Tracked No tracking data

Figure 36: Breeding adult Shy Albatross (*Thalassarche cauta*). Device type: GPS/PTT.



Distribution: 95% 75% 50% Tracked No tracking data

Figure 37: Non-breeding adult Shy Albatross (*Thalassarche cauta*). Device type: GPS/PTT.

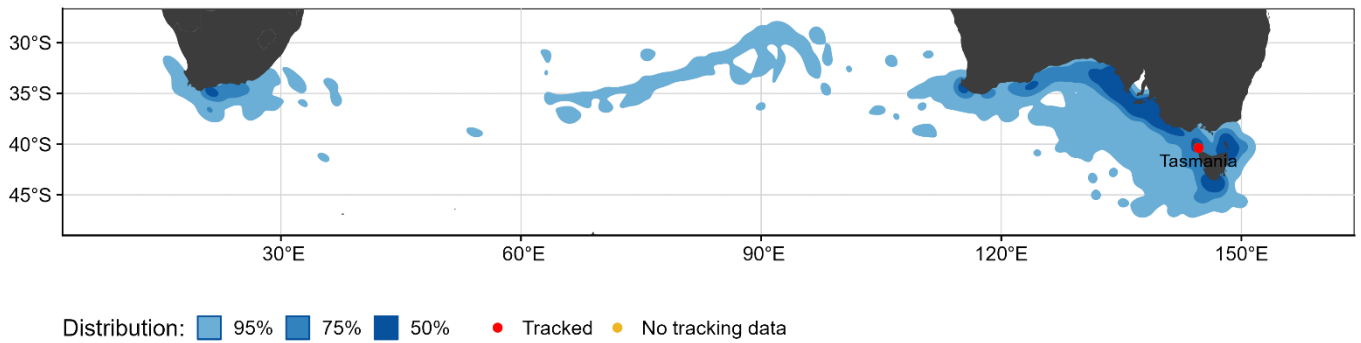


Figure 38: Non-breeding juvenile/immature Shy Albatross (*Thalassarche cauta*). Device type: GPS/PTT.

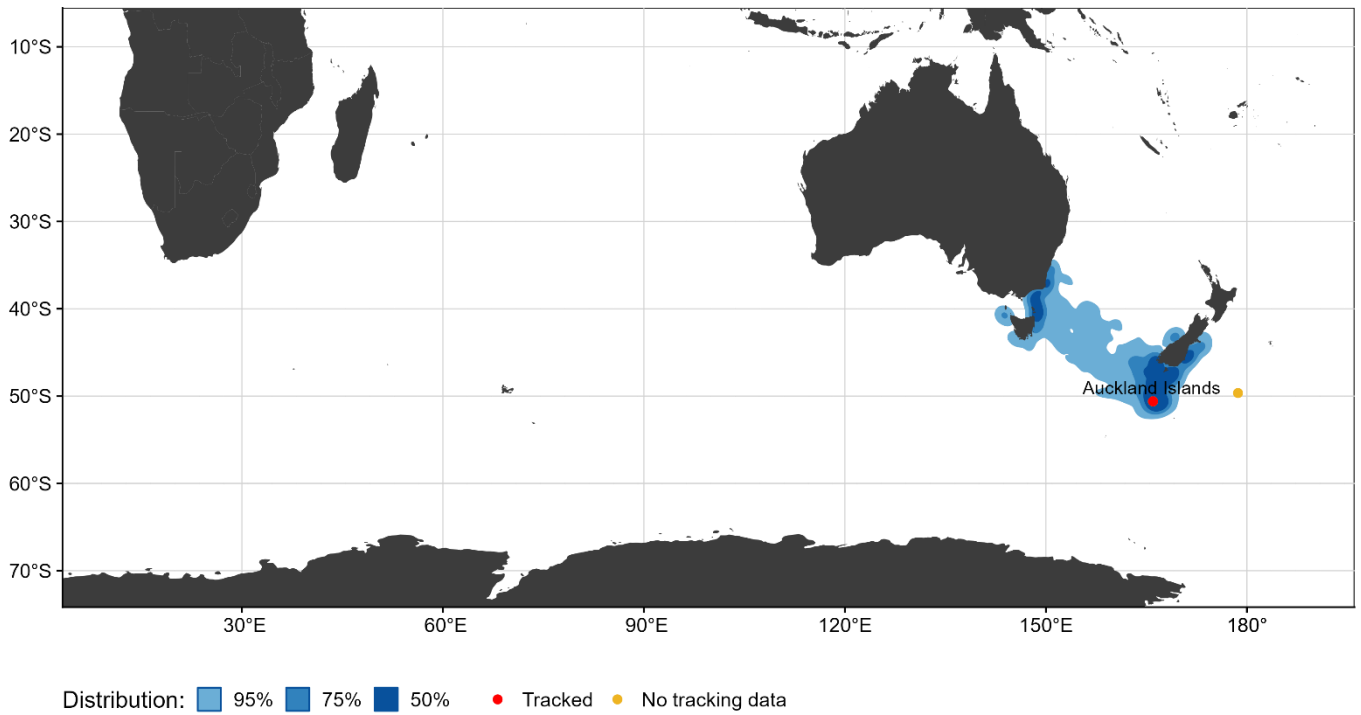


Figure 39: Breeding adult White-capped Albatross (*Thalassarche steadi*). Device type: GPS/PTT.

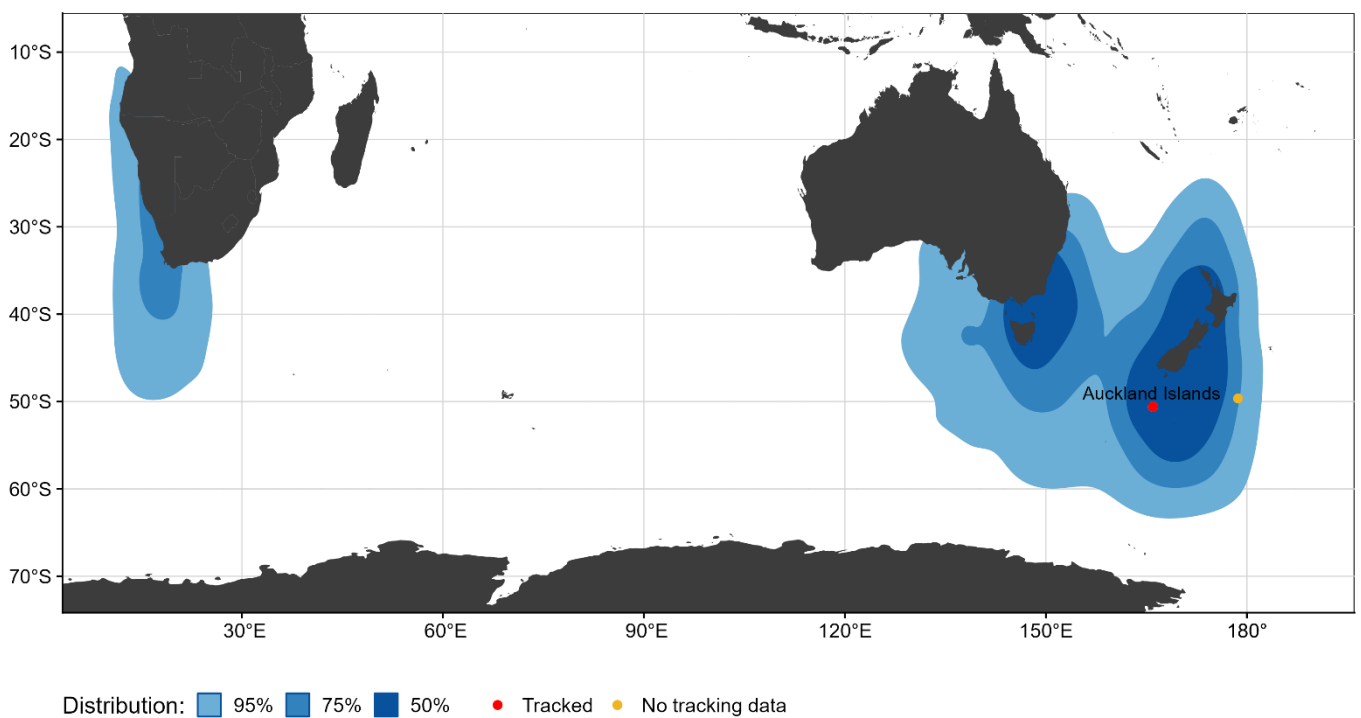


Figure 40: Non-breeding adult White-capped Albatross (*Thalassarche steadi*). Device type: GLS.

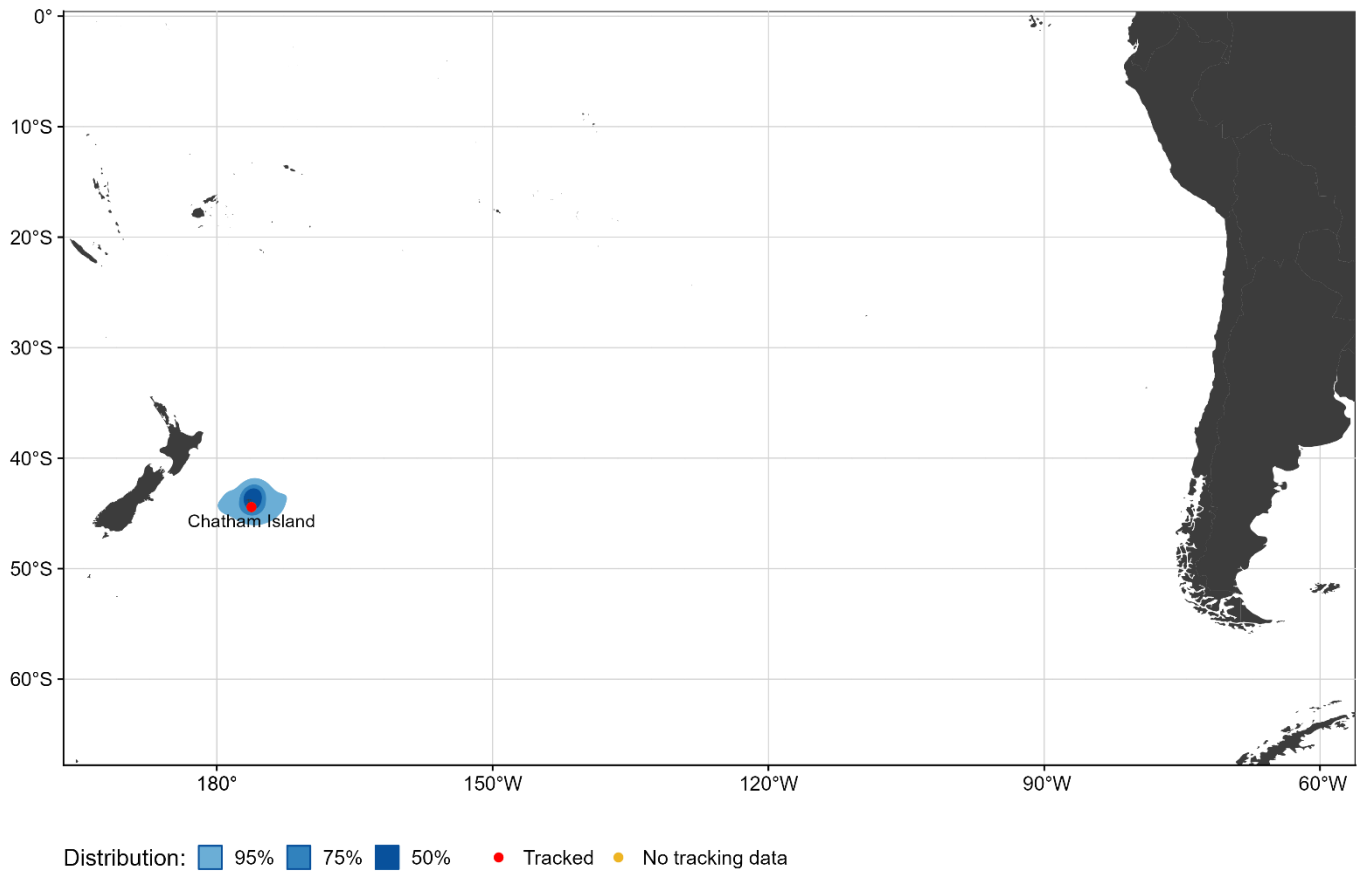


Figure 41: Breeding adult Chatham Albatross (*Thalassarche eremita*). Device type: GPS/PTT.

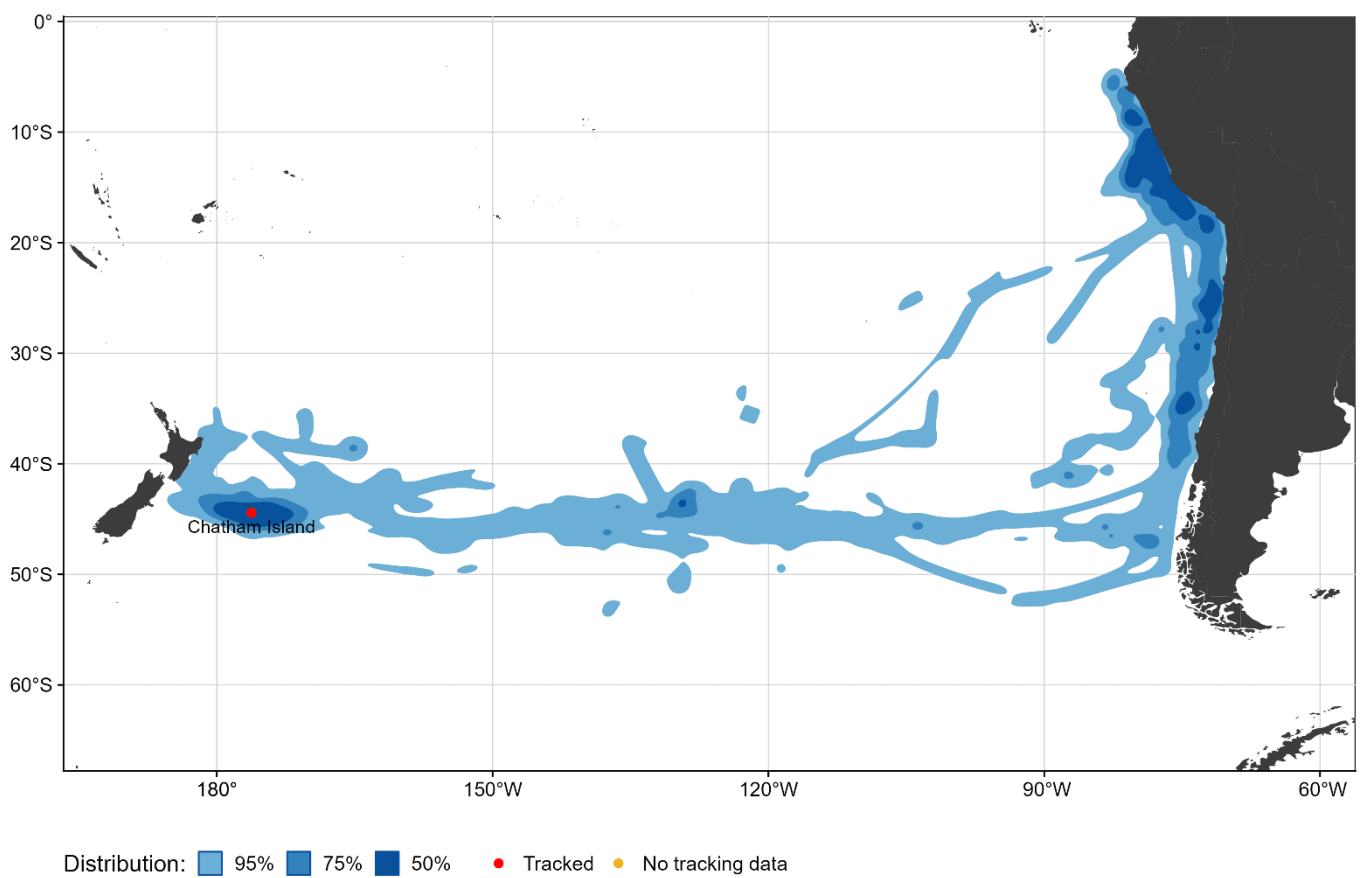


Figure 42: Non-breeding adult Chatham Albatross (*Thalassarche eremita*). Device type: GPS/PTT.

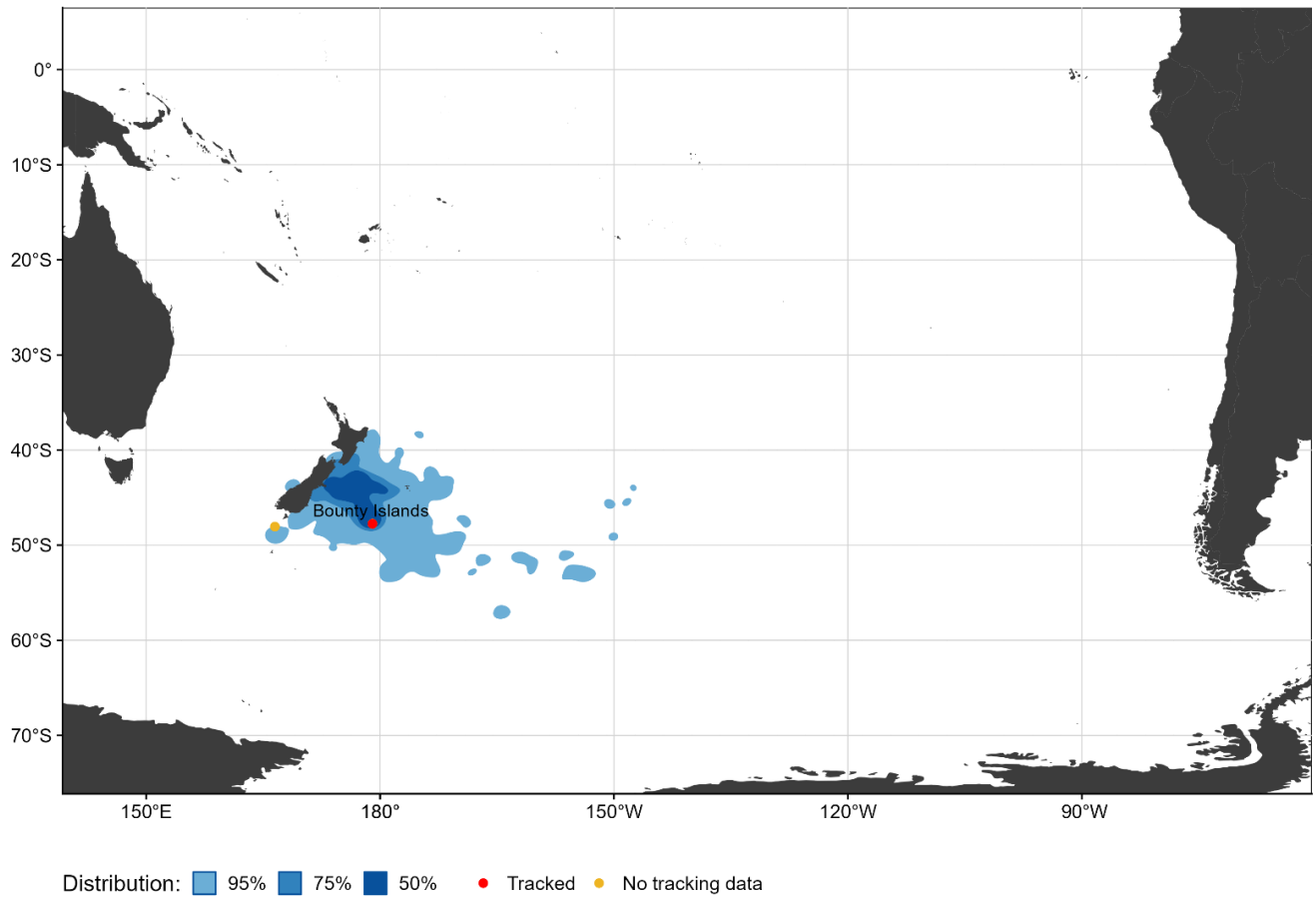


Figure 43: Breeding adult Salvin's Albatross (*Thalassarche salvini*). Device type: GPS/PTT.

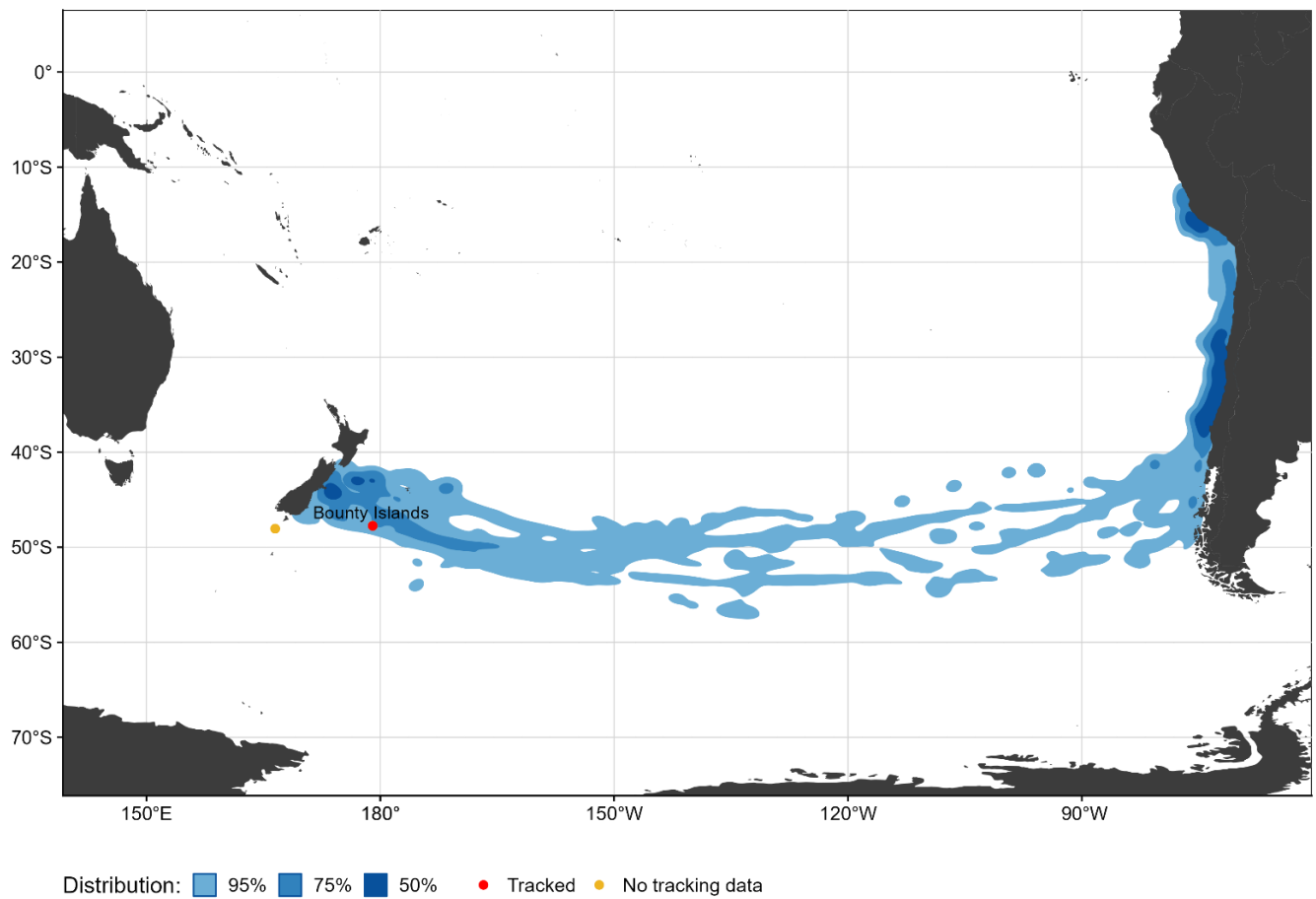


Figure 44: Non-breeding adult Salvin's Albatross (*Thalassarche salvini*). Device type: GPS/PTT.

Petrels

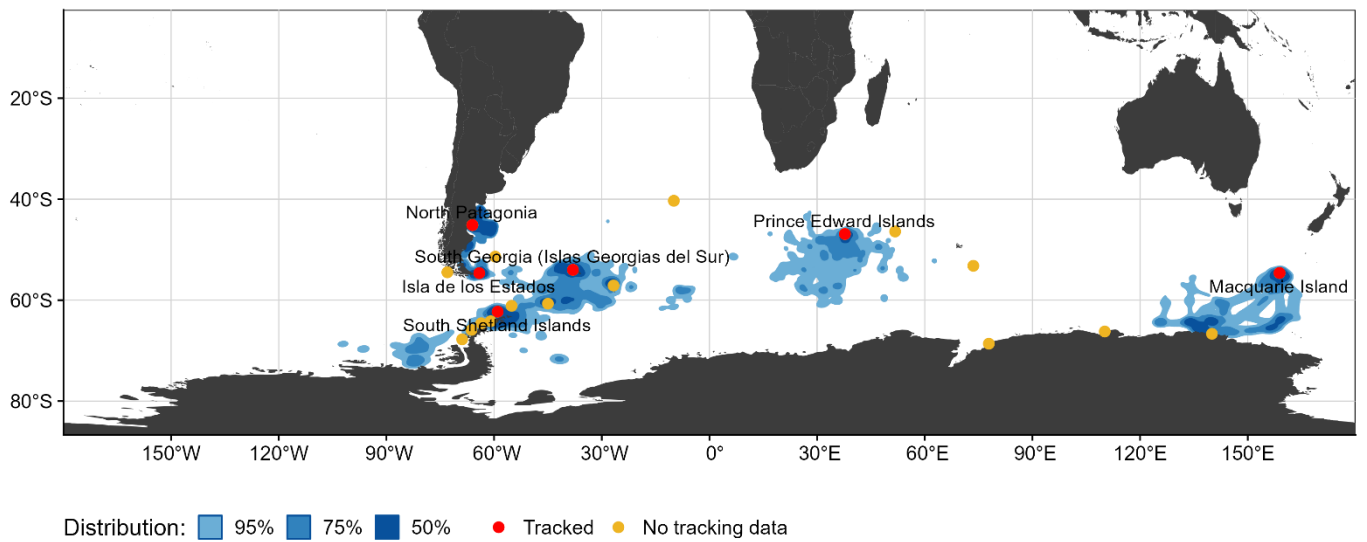


Figure 45: Breeding adult Southern Giant Petrel (*Macronectes giganteus*). Device type: GPS/PTT.*

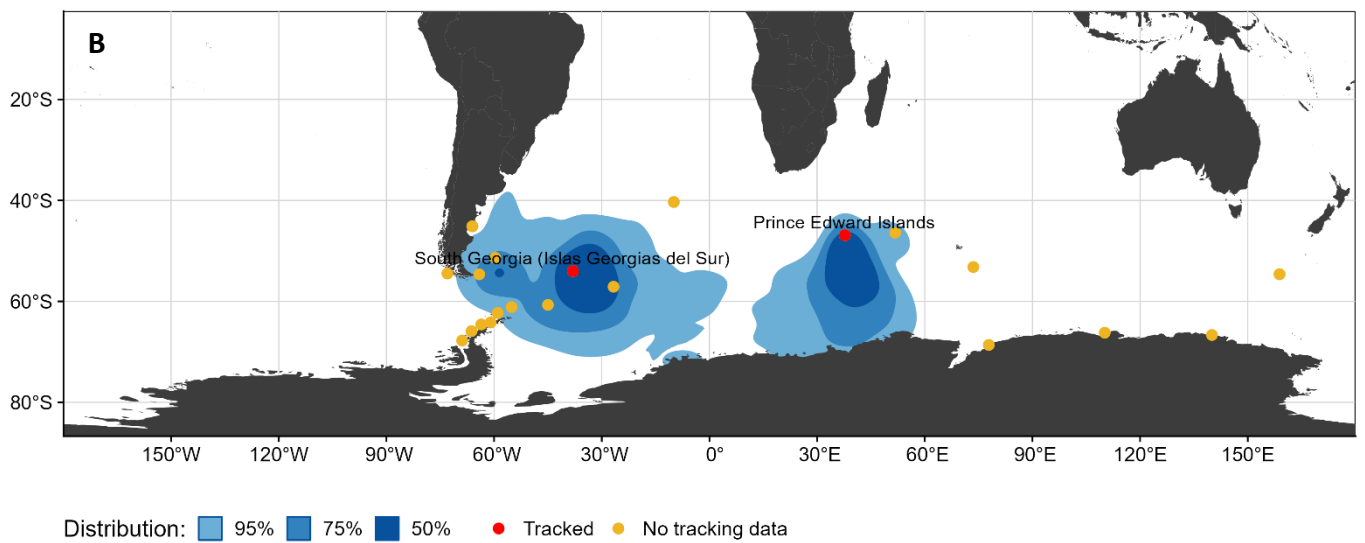
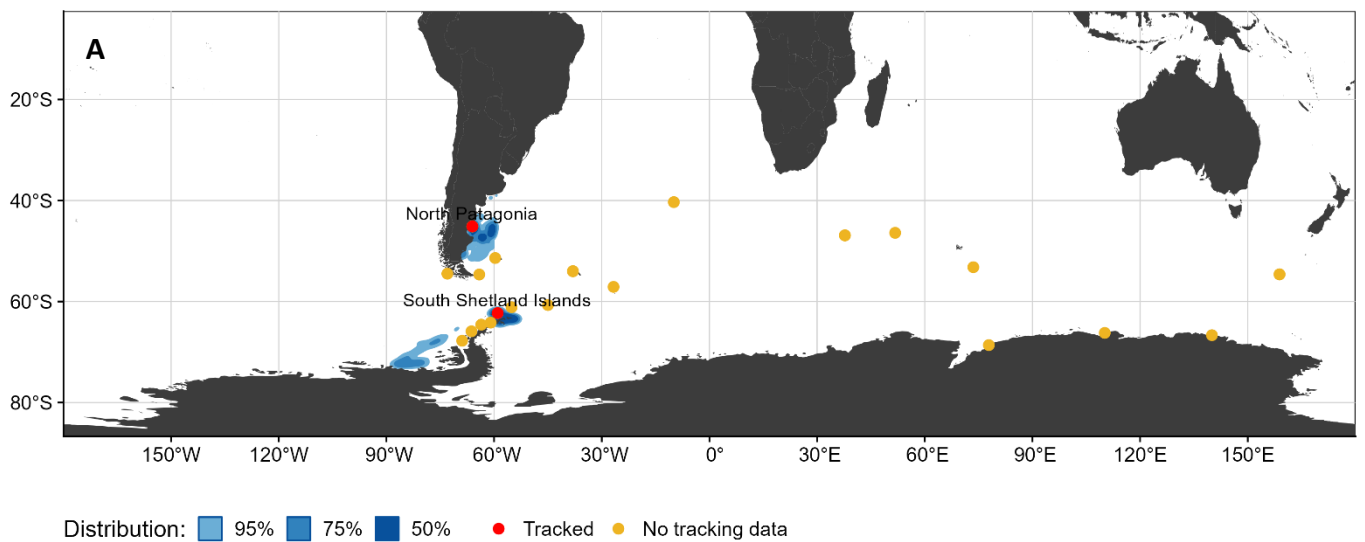
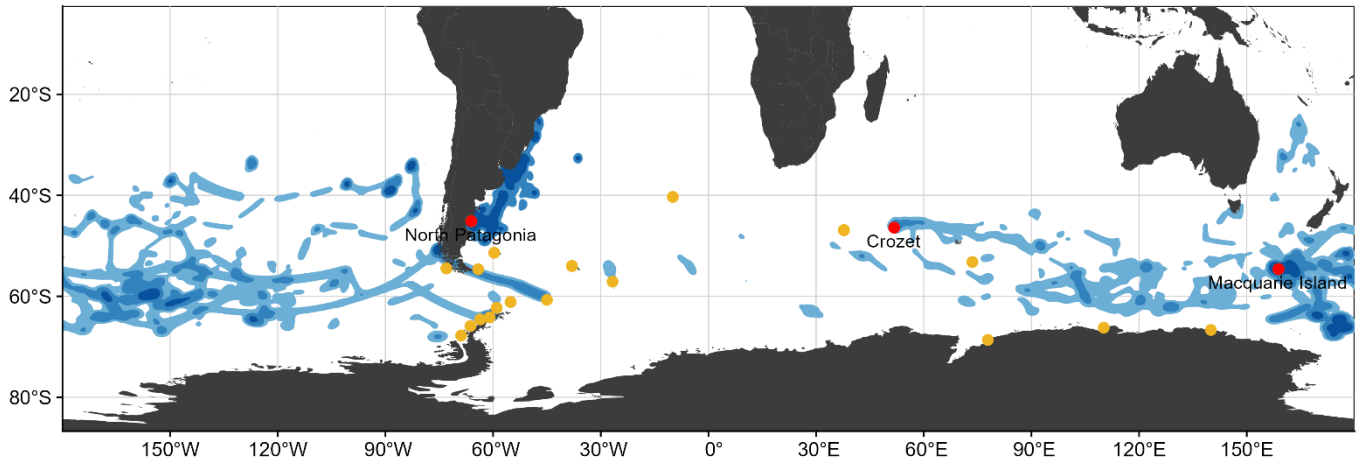
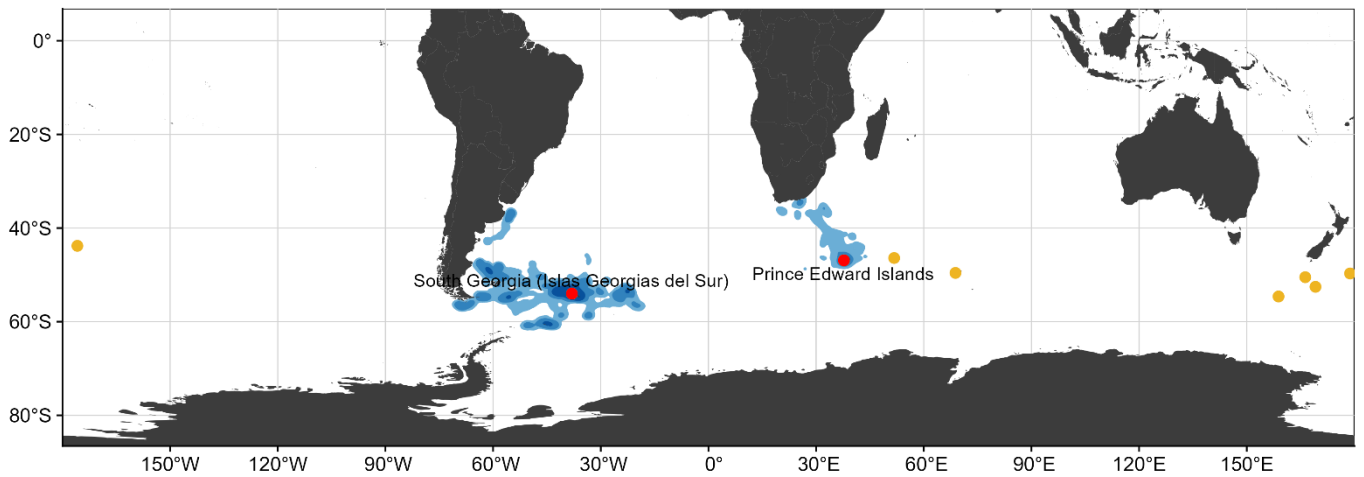


Figure 46: Non-breeding adult Southern Giant Petrel (*Macronectes giganteus*). Device type: GPS/PTT (A) and GLS (B).*



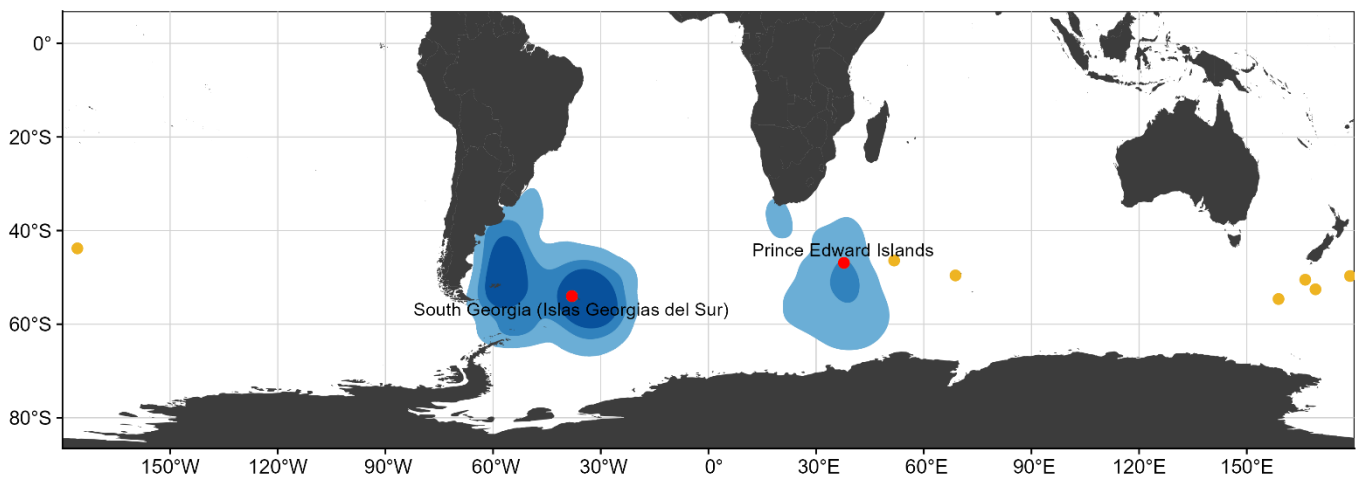
Distribution: 95% 75% 50% Tracked No tracking data

Figure 47: Non-breeding juvenile/immature Southern Giant Petrel (*Macronectes giganteus*). Device type: GPS/PTT.



Distribution: 95% 75% 50% Tracked No tracking data

Figure 48: Breeding adult Northern Giant Petrel (*Macronectes halli*). Device type: GPS/PTT.*



Distribution: 95% 75% 50% Tracked No tracking data

Figure 49: Non-breeding adult Northern Giant Petrel (*Macronectes halli*). Device type: GLS.*

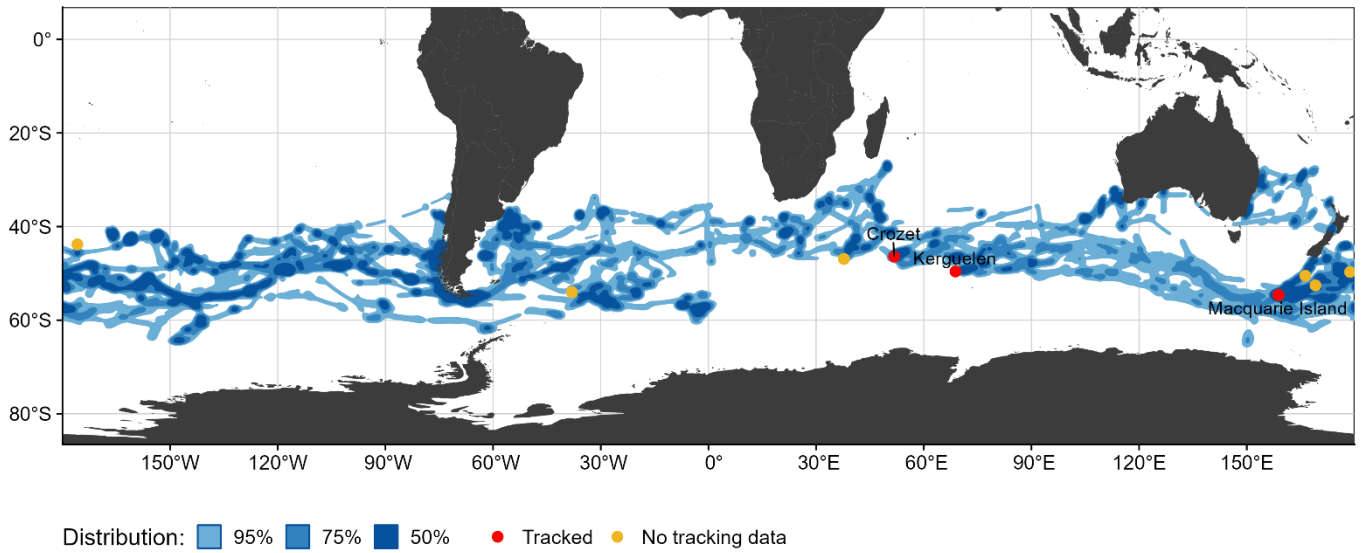


Figure 50: Non-breeding juvenile/immature Northern Giant Petrel (*Macronectes halli*). Device type: GPS/PTT.

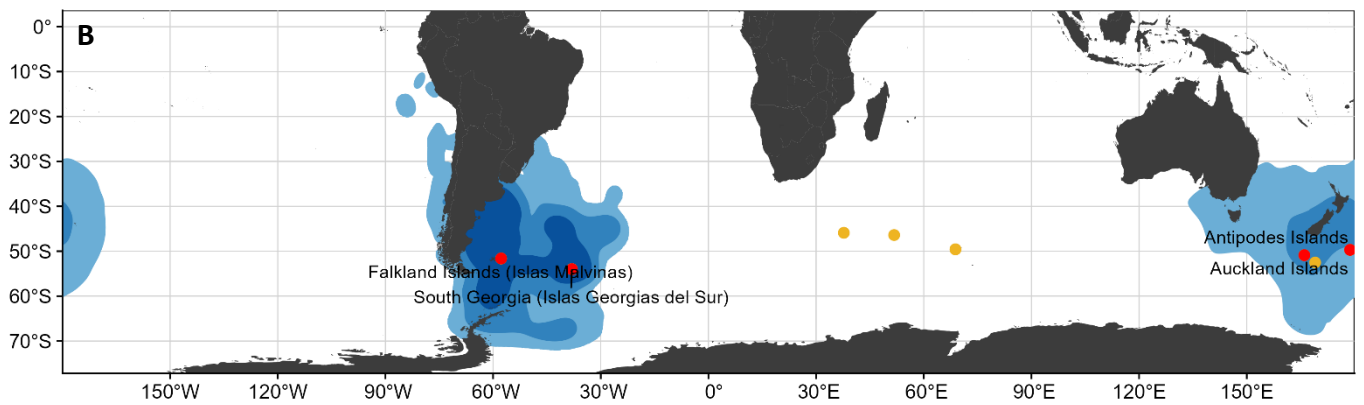
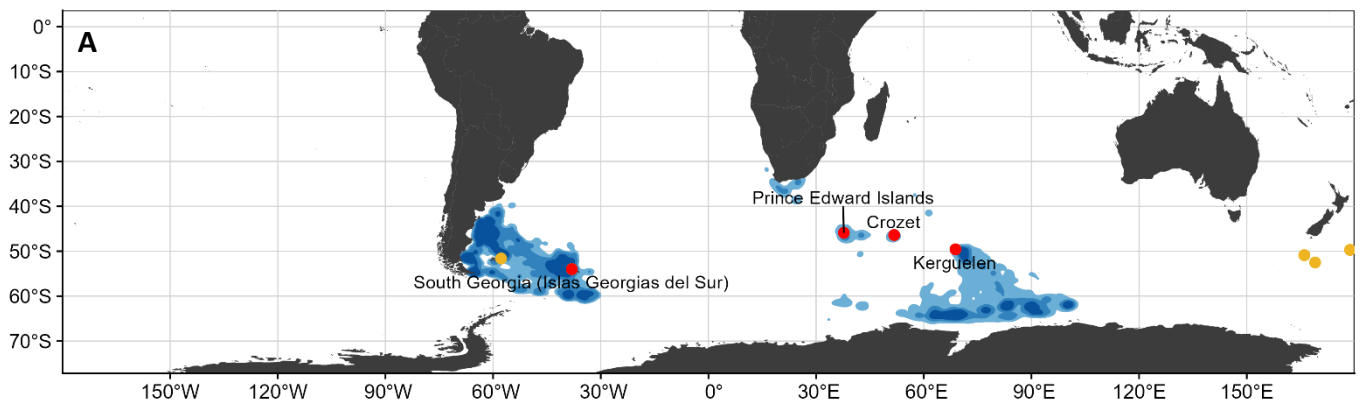


Figure 51: Breeding adult White-chinned Petrel (*Procellaria aequinoctialis*). Device type: GPS/PTT (A) and GLS (B).*

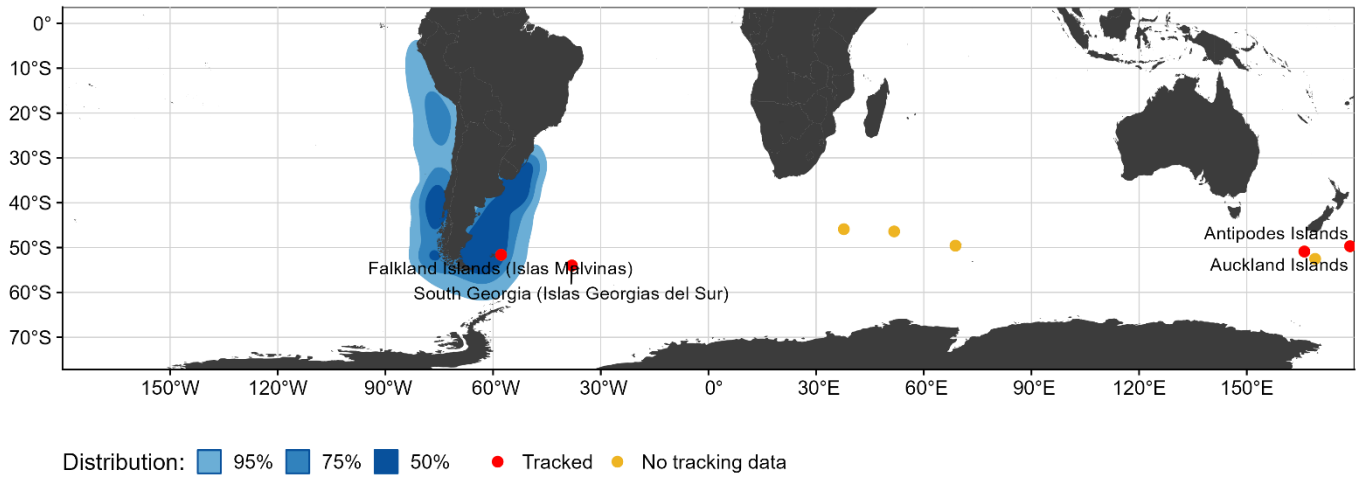


Figure 52: Non-breeding adult White-chinned Petrel (*Procellaria aequinoctialis*). Device type: GLS.*

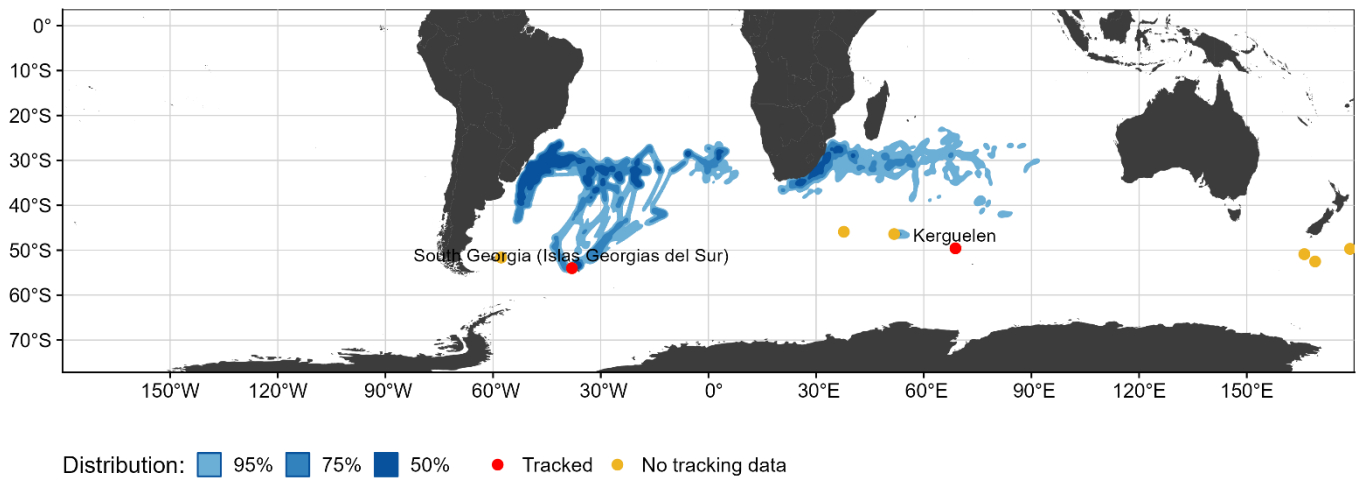


Figure 53: Non-breeding juvenile/immature White-chinned Petrel (*Procellaria aequinoctialis*). Device type: GPS/PTT.*

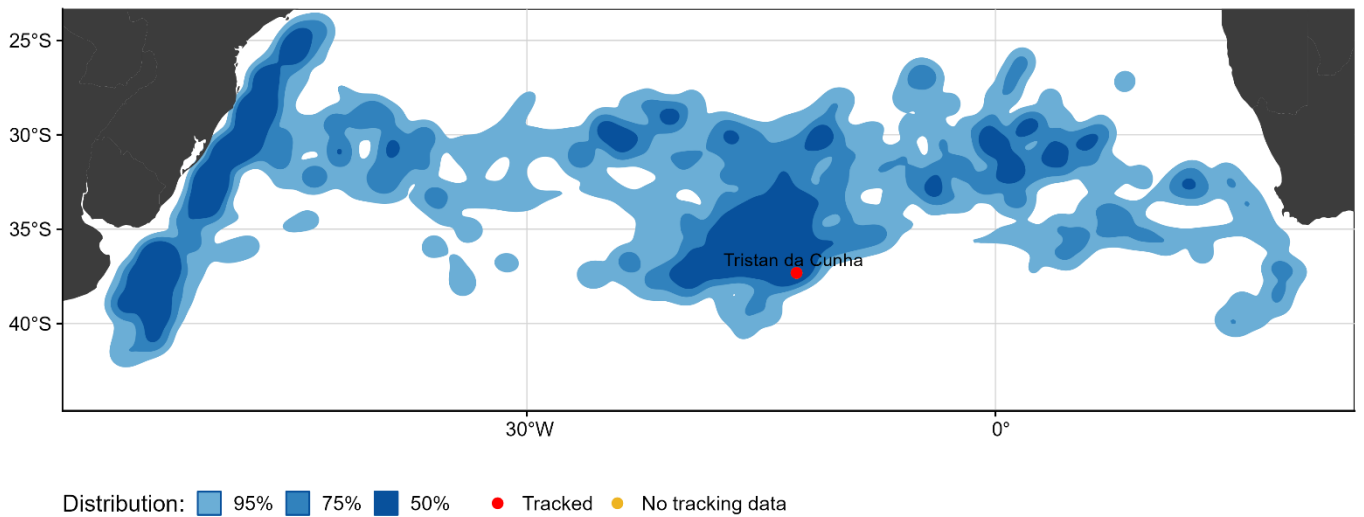
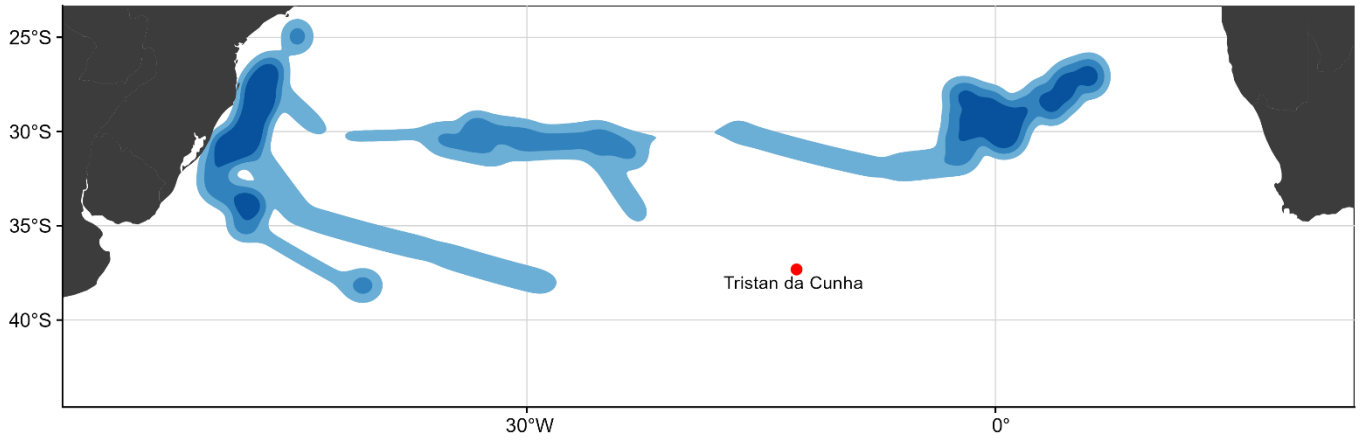
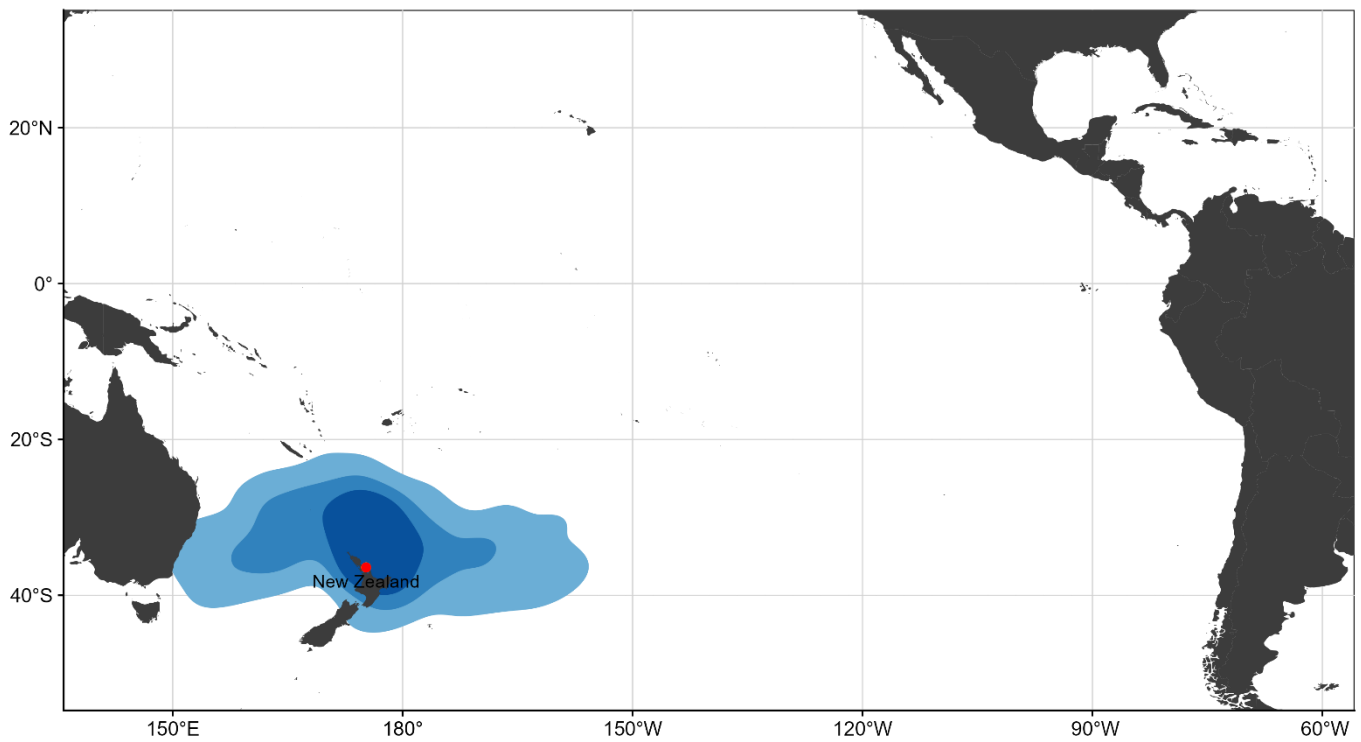


Figure 54: Breeding adult Spectacled Petrel (*Procellaria conspicillata*). Device type: GPS/PTT.



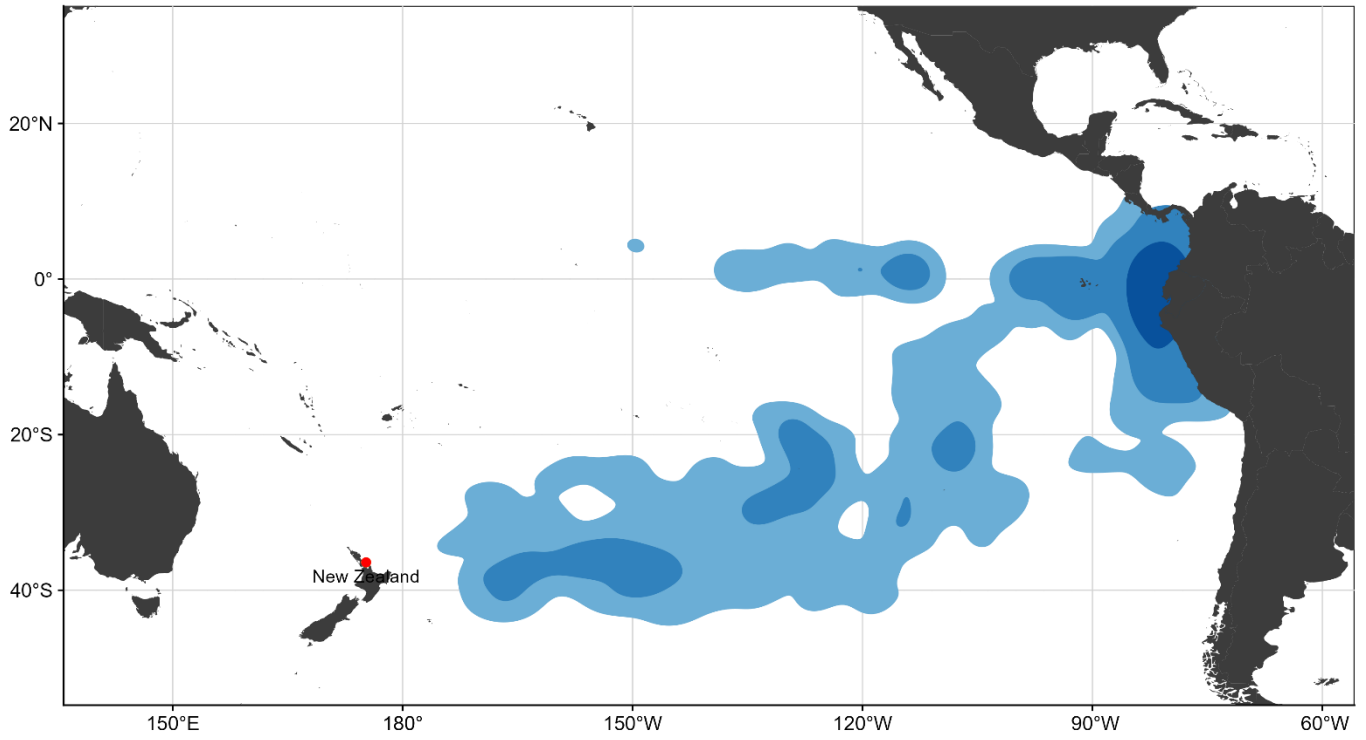
Distribution: 95% 75% 50% Tracked No tracking data

Figure 55: Non-breeding adult Spectacled Petrel (*Procellaria conspicillata*). Device type: GPS/PTT.

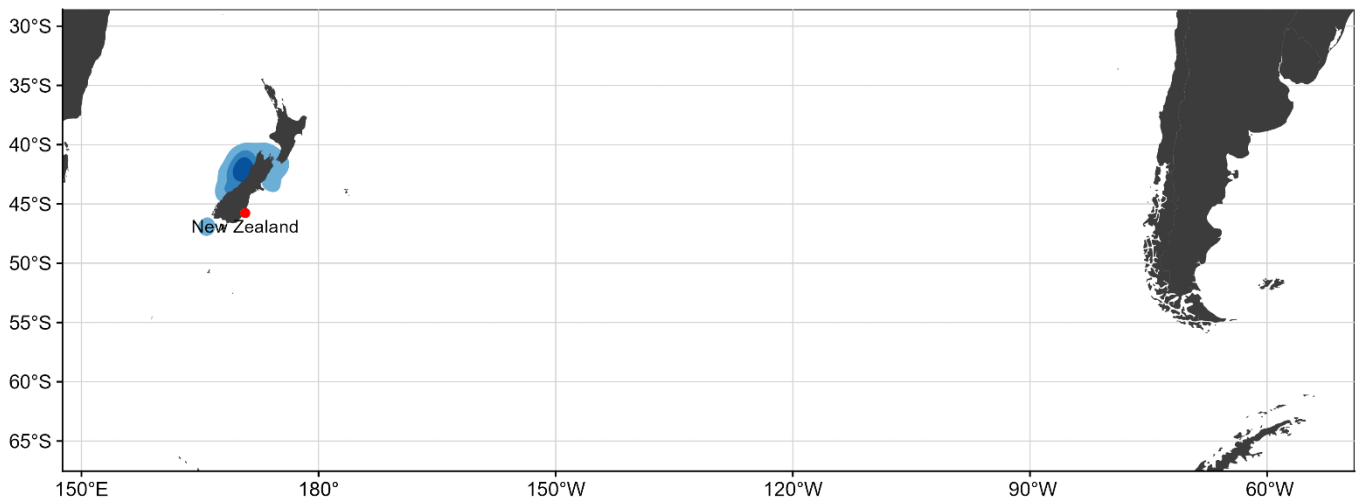


Distribution: 95% 75% 50% Tracked No tracking data

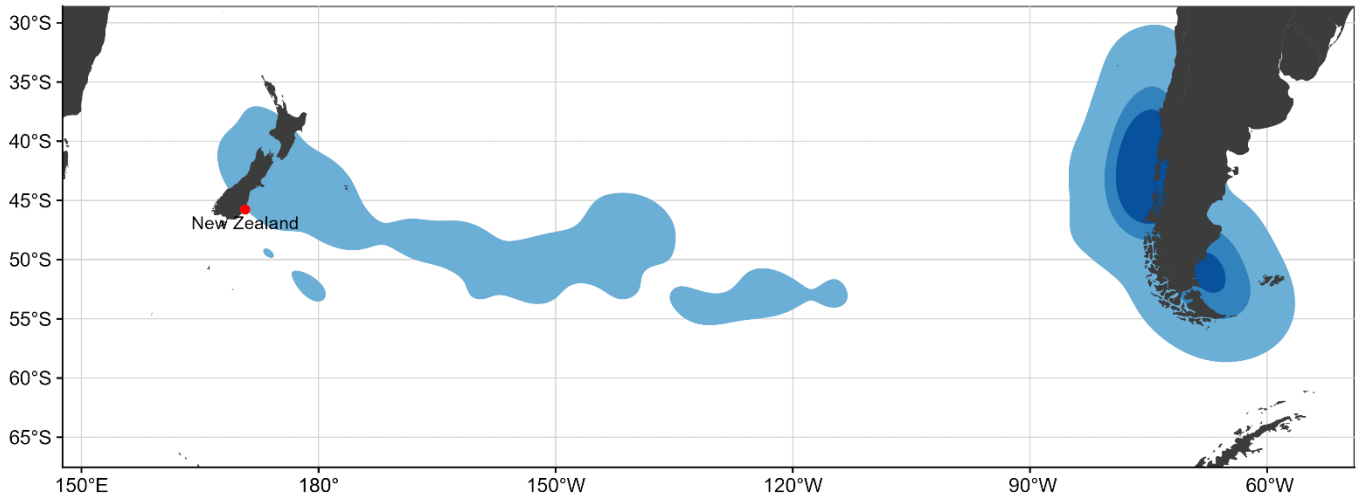
Figure 56: Breeding adult Black Petrel (*Procellaria parkinsoni*). Device type: GLS.



Distribution: 95% 75% 50% Tracked No tracking data
 Figure 57: Non-breeding adult Black Petrel (*Procellaria parkinsoni*). Device type: GLS.

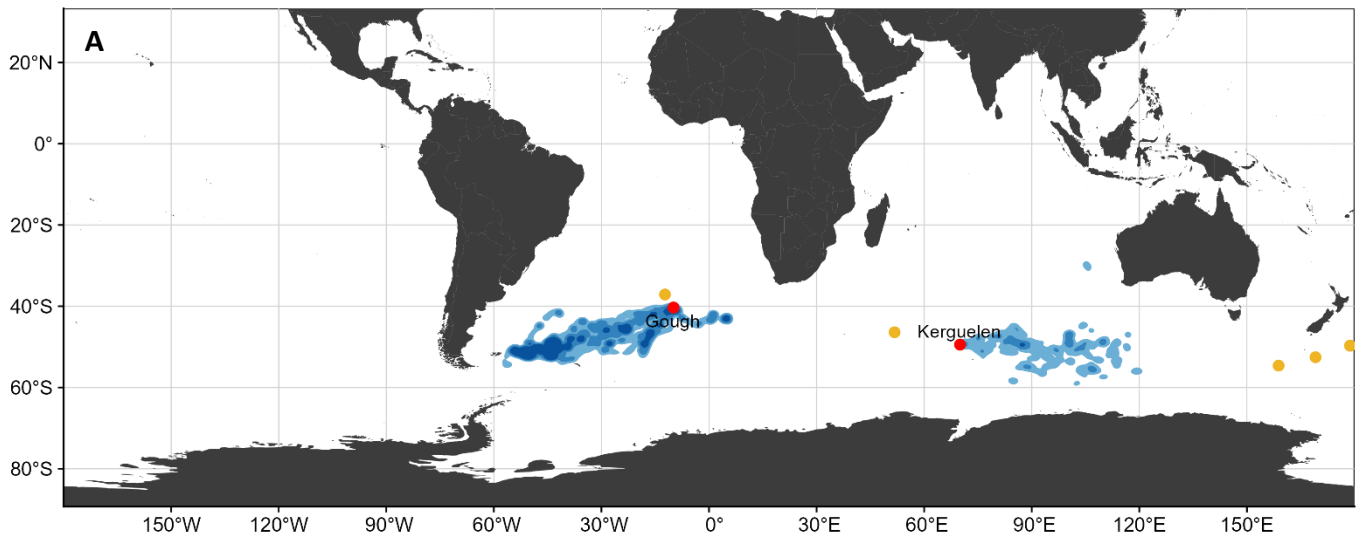


Distribution: 95% 75% 50% Tracked No tracking data
 Figure 58: Breeding adult Westland Petrel (*Procellaria westlandica*). Device type: GPS/PTT.

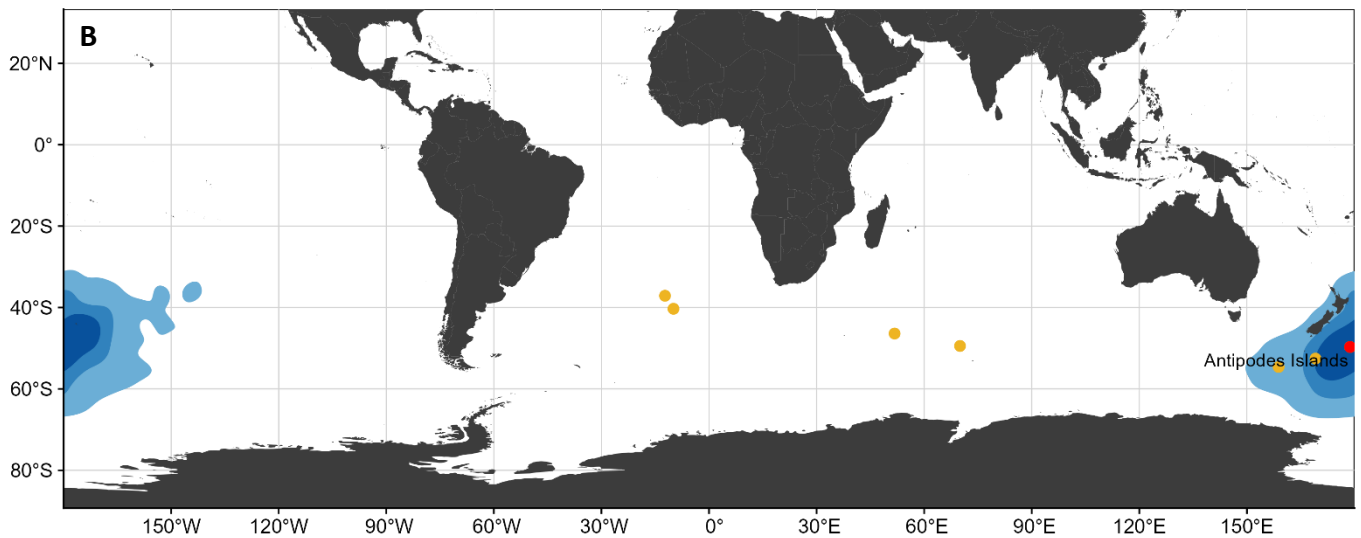


Distribution: 95% 75% 50% Tracked No tracking data

Figure 59: Non-breeding adult Westland Petrel (*Procellaria westlandica*). Device type: GLS.



Distribution: 95% 75% 50% Tracked No tracking data



Distribution: 95% 75% 50% Tracked No tracking data

Figure 60: Breeding adult Grey Petrel (*Procellaria cinerea*). Device type: GPS/PTT (A) and GLS (B).

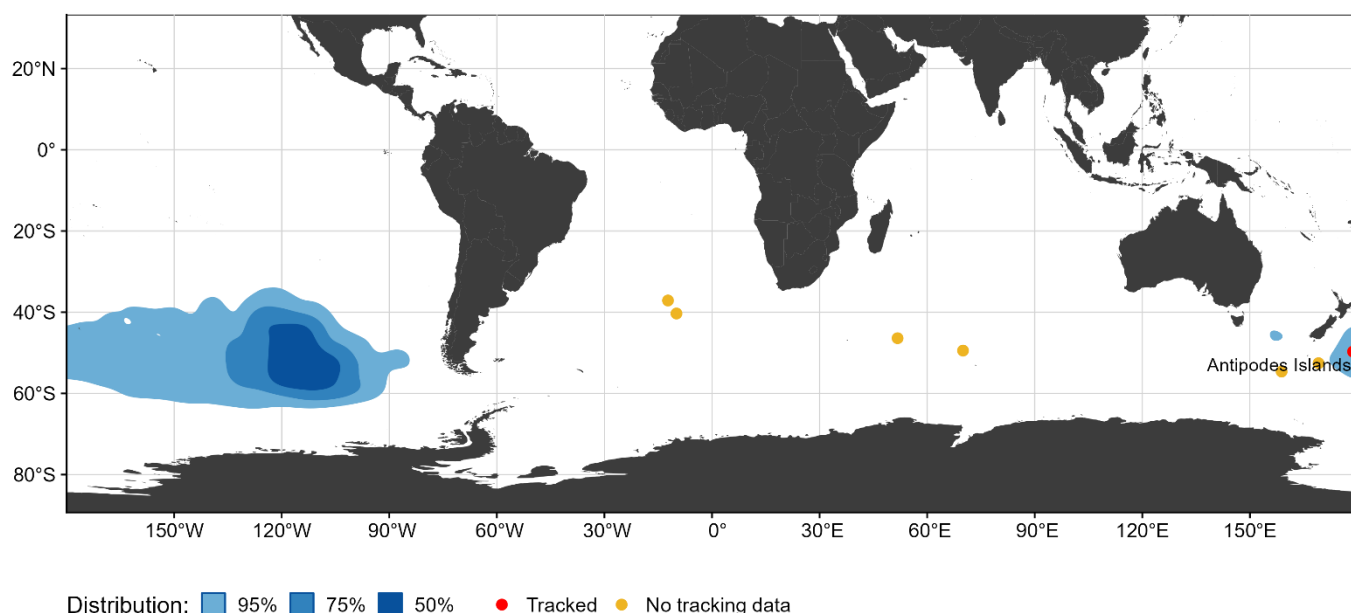


Figure 61: Non-breeding adult Grey Petrel (*Procellaria cinerea*). Device type: GLS.

*A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Islas Malvinas), South Georgia and the South Sandwich Islands (Islas Georgias del Sur e Islas Sandwich del Sur) and the surrounding maritime areas.

ACKNOWLEDGEMENTS

Albatross and petrel tracking data presented here are from the Seabird Tracking Database (<http://seabirdtracking.org/>), which exists thanks to the collaboration of scientists worldwide. We would like to thank the data contributors that provided data to estimate the distribution of albatrosses and petrels listed under the Agreement, including Alastair Baylis, Amanda Freeman, Ana Bertoldi Carneiro, Andrew Stanworth, Andy Schofield, April Hedd, Aurore Ponchon, Azwianewi Makhado, Ben Dilley, Bindi Thomas, Christina Hagen, Christopher Robertson, Conservation Services Programme, Dave Watts, David Grémillet, David Nicholls, David Thompson, Deon Nel, Dominic Rollinson, Elizabeth Bell, Ewan Wakefield, Falklands Conservation, Flavio Quintana, Graeme Elliott, Graham Robertson, Henri Weimerskirch, Jaimie Cleeland, Javier Arata, Jean-Claude Stahl, Jesica Andrea Paz, John Arnould, Jose Pedro Granadeiro, Juan Pablo Seco Pon, Kalinka Rexer-Huber, Kath Walker, Kris Carlyon, Leandro Bugoni, Leigh Torres, Letizia Campioni, Lorna Deppe, Lucas Krüger, Marco Favero, Paul Sagar, Paul Scofield, Paulo Catry, Peter Ryan, Pierre Pistorius, Rachael Orben, Richard Cuthbert, Richard Phillips, Rosemary Gales, Ross Wanless, Sofía Copello, Stefan Schoombie, Steffen Oppel, Susan Mary Waugh, Timothée Poupart, Todd Landers, Trevor Glass and William Montevecchi.

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ANNEX 1. Summary of data available for analysis after data cleaning and standardisation.

Common name	Island group	Scientific name	Device type	Age class	Breeding status	N tracks	N positions
Northern Royal Albatross	Chatham Island	<i>Diomedea sanfordi</i>	GPS or PTT	adult	breeding	39	59,734
Northern Royal Albatross	Chatham Island	<i>Diomedea sanfordi</i>	GPS or PTT	adult	non-breeding	21	56,879
Northern Royal Albatross	New Zealand	<i>Diomedea sanfordi</i>	GPS or PTT	adult	breeding	55	16,254
Northern Royal Albatross	New Zealand	<i>Diomedea sanfordi</i>	GPS or PTT	juvenile/immature	non-breeding	5	18,734
Northern Royal Albatross	Chatham Island	<i>Diomedea sanfordi</i>	GLS	adult	non-breeding	5	1,855
Southern Royal Albatross	Campbell Islands	<i>Diomedea epomophora</i>	GPS or PTT	adult	breeding	17	5,732
Wandering Albatross	Crozet	<i>Diomedea exulans</i>	GPS or PTT	adult	breeding	448	94,615
Wandering Albatross	Crozet	<i>Diomedea exulans</i>	GPS or PTT	adult	non-breeding	5	8,784
Wandering Albatross	Crozet	<i>Diomedea exulans</i>	GPS or PTT	juvenile/immature	non-breeding	37	139,197
Wandering Albatross	Kerguelen	<i>Diomedea exulans</i>	GPS or PTT	adult	breeding	41	6,733
Wandering Albatross	Kerguelen	<i>Diomedea exulans</i>	GPS or PTT	juvenile/immature	non-breeding	22	107,393
Wandering Albatross	Prince Edward Islands	<i>Diomedea exulans</i>	GPS or PTT	adult	breeding	103	45,898
Wandering Albatross	South Georgia (Islas Georgias del Sur)*	<i>Diomedea exulans</i>	GPS or PTT	adult	breeding	635	169,940
Wandering Albatross	South Georgia (Islas Georgias del Sur)*	<i>Diomedea exulans</i>	GPS or PTT	adult	non-breeding	91	43,214
Wandering Albatross	South Georgia (Islas Georgias del Sur)*	<i>Diomedea exulans</i>	GPS or PTT	juvenile/immature	non-breeding	133	107,036
Wandering Albatross	Crozet	<i>Diomedea exulans</i>	GLS	adult	breeding	98	21,594
Wandering Albatross	Crozet	<i>Diomedea exulans</i>	GLS	adult	non-breeding	98	45,313
Wandering Albatross	Kerguelen	<i>Diomedea exulans</i>	GLS	adult	breeding	23	2,187
Wandering Albatross	Kerguelen	<i>Diomedea exulans</i>	GLS	adult	non-breeding	23	11,013
Wandering Albatross	South Georgia (Islas Georgias del Sur)*	<i>Diomedea exulans</i>	GLS	adult	breeding	62	9,331
Wandering Albatross	South Georgia (Islas Georgias del Sur)*	<i>Diomedea exulans</i>	GLS	adult	non-breeding	107	41,815
Wandering Albatross	South Georgia (Islas Georgias del Sur)*	<i>Diomedea exulans</i>	GLS	juvenile/immature	non-breeding	86	27,725
Antipodean Albatross	Antipodes Islands	<i>Diomedea antipodensis</i>	GPS or PTT	adult	breeding	155	389,456
Antipodean Albatross	Antipodes Islands	<i>Diomedea antipodensis</i>	GPS or PTT	adult	non-breeding	101	340,147
Antipodean Albatross	Antipodes Islands	<i>Diomedea antipodensis</i>	GPS or PTT	juvenile/immature	non-breeding	63	420,609
Antipodean Albatross	Auckland Islands	<i>Diomedea antipodensis</i>	GPS or PTT	adult	breeding	41	38,484
Antipodean Albatross	Auckland Islands	<i>Diomedea antipodensis</i>	GPS or PTT	adult	non-breeding	22	64,205
Antipodean Albatross	Antipodes Islands	<i>Diomedea antipodensis</i>	GLS	adult	breeding	11	3,731
Antipodean Albatross	Antipodes Islands	<i>Diomedea antipodensis</i>	GLS	adult	non-breeding	47	14,921
Antipodean Albatross	Auckland Islands	<i>Diomedea antipodensis</i>	GLS	adult	breeding	13	2,722

Common name	Island group	Scientific name	Device type	Age class	Breeding status	N tracks	N positions
Antipodean Albatross	Auckland Islands	<i>Diomedea antipodensis</i>	GLS	adult	non-breeding	73	26,722
Amsterdam Albatross	Amsterdam and St Paul	<i>Diomedea amsterdamensis</i>	GPS or PTT	adult	breeding	312	46,303
Amsterdam Albatross	Amsterdam and St Paul	<i>Diomedea amsterdamensis</i>	GPS or PTT	juvenile/immature	non-breeding	14	37,692
Amsterdam Albatross	Amsterdam and St Paul	<i>Diomedea amsterdamensis</i>	GLS	adult	non-breeding	14	121,362
Amsterdam Albatross	Amsterdam and St Paul	<i>Diomedea amsterdamensis</i>	GLS	juvenile/immature	non-breeding	5	39,217
Tristan Albatross	Gough	<i>Diomedea dabbenena</i>	GPS or PTT	adult	breeding	241	41,898
Tristan Albatross	Gough	<i>Diomedea dabbenena</i>	GPS or PTT	juvenile/immature	non-breeding	28	78,605
Tristan Albatross	Gough	<i>Diomedea dabbenena</i>	GLS	adult	breeding	23	2,161
Tristan Albatross	Gough	<i>Diomedea dabbenena</i>	GLS	adult	non-breeding	26	15,609
Sooty Albatross	Amsterdam and St Paul	<i>Phoebetria fusca</i>	GPS or PTT	adult	breeding	7	12,740
Sooty Albatross	Amsterdam and St Paul	<i>Phoebetria fusca</i>	GPS or PTT	juvenile/immature	non-breeding	9	42,299
Sooty Albatross	Crozet	<i>Phoebetria fusca</i>	GPS or PTT	adult	breeding	38	45,362
Sooty Albatross	Crozet	<i>Phoebetria fusca</i>	GPS or PTT	juvenile/immature	non-breeding	9	16,452
Sooty Albatross	Gough	<i>Phoebetria fusca</i>	GPS or PTT	adult	breeding	13	7,544
Sooty Albatross	Prince Edward Islands	<i>Phoebetria fusca</i>	GPS or PTT	adult	breeding	158	42,962
Sooty Albatross	Prince Edward Islands	<i>Phoebetria fusca</i>	GPS or PTT	adult	non-breeding	12	20,210
Sooty Albatross	Gough	<i>Phoebetria fusca</i>	GLS	adult	breeding	29	2,028
Sooty Albatross	Gough	<i>Phoebetria fusca</i>	GLS	adult	non-breeding	21	4,976
Light-mantled Albatross	Heard and McDonald Islands	<i>Phoebetria palpebrata</i>	GPS or PTT	adult	breeding	6	5,266
Light-mantled Albatross	Macquarie Island	<i>Phoebetria palpebrata</i>	GPS or PTT	adult	breeding	14	5,152
Light-mantled Albatross	Prince Edward Islands	<i>Phoebetria palpebrata</i>	GPS or PTT	adult	breeding	46	37,363
Light-mantled Albatross	Prince Edward Islands	<i>Phoebetria palpebrata</i>	GPS or PTT	adult	non-breeding	6	15,745
Light-mantled Albatross	South Georgia (Islas Georgias del Sur)*	<i>Phoebetria palpebrata</i>	GPS or PTT	adult	breeding	62	9,094
Atlantic Yellow-nosed Albatross	Gough	<i>Thalassarche chlororhynchos</i>	GPS or PTT	adult	breeding	81	18,138
Atlantic Yellow-nosed Albatross	Tristan da Cunha	<i>Thalassarche chlororhynchos</i>	GPS or PTT	adult	breeding	46	22,342
Atlantic Yellow-nosed Albatross	Gough	<i>Thalassarche chlororhynchos</i>	GLS	adult	breeding	71	4,606
Atlantic Yellow-nosed Albatross	Gough	<i>Thalassarche chlororhynchos</i>	GLS	adult	non-breeding	39	11,189
Indian Yellow-nosed Albatross	Amsterdam and St Paul	<i>Thalassarche carteri</i>	GPS or PTT	adult	breeding	136	57,380
Indian Yellow-nosed Albatross	Prince Edward Islands	<i>Thalassarche carteri</i>	GPS or PTT	adult	breeding	8	8,053
Indian Yellow-nosed Albatross	Prince Edward Islands	<i>Thalassarche carteri</i>	GPS or PTT	adult	non-breeding	10	6,465

Common name	Island group	Scientific name	Device type	Age class	Breeding status	N tracks	N positions
Grey-headed Albatross	Campbell Islands	<i>Thalassarche chrysostoma</i>	GPS or PTT	adult	breeding	29	9,758
Grey-headed Albatross	Islas Diego Ramirez	<i>Thalassarche chrysostoma</i>	GPS or PTT	adult	breeding	66	20,872
Grey-headed Albatross	Macquarie Island	<i>Thalassarche chrysostoma</i>	GPS or PTT	adult	breeding	14	3,392
Grey-headed Albatross	Prince Edward Islands	<i>Thalassarche chrysostoma</i>	GPS or PTT	adult	breeding	219	55,117
Grey-headed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche chrysostoma</i>	GPS or PTT	adult	breeding	365	61,208
Grey-headed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche chrysostoma</i>	GPS or PTT	juvenile/immature	non-breeding	28	52,397
Grey-headed Albatross	Prince Edward Islands	<i>Thalassarche chrysostoma</i>	GLS	adult	non-breeding	25	20,551
Grey-headed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche chrysostoma</i>	GLS	adult	non-breeding	22	16,555
Black-browed Albatross	Diego de Almagro	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	12	2,904
Black-browed Albatross	Falkland Islands (Islas Malvinas)*	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	740	82,787
Black-browed Albatross	Falkland Islands (Islas Malvinas)*	<i>Thalassarche melanophris</i>	GPS or PTT	juvenile/immature	non-breeding	262	13,547
Black-browed Albatross	Islas Diego Ramirez	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	122	25,966
Black-browed Albatross	Islas Ildefonso	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	26	6,281
Black-browed Albatross	Kerguelen	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	58	14,798
Black-browed Albatross	Macquarie Island	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	12	3,582
Black-browed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche melanophris</i>	GPS or PTT	adult	breeding	578	50,086
Black-browed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche melanophris</i>	GPS or PTT	juvenile/immature	non-breeding	11	10,087
Black-browed Albatross	Falkland Islands (Islas Malvinas)*	<i>Thalassarche melanophris</i>	GLS	adult	breeding	107	6,119
Black-browed Albatross	Falkland Islands (Islas Malvinas)*	<i>Thalassarche melanophris</i>	GLS	adult	non-breeding	132	29,202
Black-browed Albatross	Falkland Islands (Islas Malvinas)*	<i>Thalassarche melanophris</i>	GLS	juvenile/immature	non-breeding	17	6,070
Black-browed Albatross	Islas Diego Ramirez	<i>Thalassarche melanophris</i>	GLS	adult	non-breeding	5	1,141
Black-browed Albatross	Kerguelen	<i>Thalassarche melanophris</i>	GLS	adult	breeding	200	36,572
Black-browed Albatross	Kerguelen	<i>Thalassarche melanophris</i>	GLS	adult	non-breeding	202	36,836
Black-browed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche melanophris</i>	GLS	adult	breeding	77	1,717
Black-browed Albatross	South Georgia (Islas Georgias del Sur)*	<i>Thalassarche melanophris</i>	GLS	adult	non-breeding	112	13,838
Campbell Albatross	Campbell Islands	<i>Thalassarche impavida</i>	GPS or PTT	adult	breeding	10	2,702
Buller's Albatross	Solander Islands	<i>Thalassarche bulleri</i>	GPS or PTT	adult	breeding	119	11,406
Buller's Albatross	Solander Islands	<i>Thalassarche bulleri</i>	GPS or PTT	adult	non-breeding	129	9,792
Buller's Albatross	The Snares	<i>Thalassarche bulleri</i>	GPS or PTT	adult	breeding	241	31,310
Buller's Albatross	The Snares	<i>Thalassarche bulleri</i>	GPS or PTT	adult	non-breeding	42	2,550

Common name	Island group	Scientific name	Device type	Age class	Breeding status	N tracks	N positions
Buller's Albatross	The Snares	<i>Thalassarche bulleri</i>	GPS or PTT	juvenile/immature	non-breeding	68	7,069
Buller's Albatross	Chatham Island	<i>Thalassarche bulleri</i>	GLS	adult	breeding	69	16,807
Buller's Albatross	Chatham Island	<i>Thalassarche bulleri</i>	GLS	adult	non-breeding	69	14,955
Buller's Albatross	The Snares	<i>Thalassarche bulleri</i>	GLS	adult	breeding	95	15,822
Buller's Albatross	The Snares	<i>Thalassarche bulleri</i>	GLS	adult	non-breeding	63	15,169
Shy Albatross	Tasmania	<i>Thalassarche cauta</i>	GPS or PTT	adult	breeding	194	40,300
Shy Albatross	Tasmania	<i>Thalassarche cauta</i>	GPS or PTT	adult	non-breeding	5	6,328
Shy Albatross	Tasmania	<i>Thalassarche cauta</i>	GPS or PTT	juvenile/immature	non-breeding	38	45,322
White-capped Albatross	Auckland Islands	<i>Thalassarche steadi</i>	GPS or PTT	adult	breeding	154	20,765
White-capped Albatross	Auckland Islands	<i>Thalassarche steadi</i>	GLS	adult	breeding	48	7,580
White-capped Albatross	Auckland Islands	<i>Thalassarche steadi</i>	GLS	adult	non-breeding	30	12,055
Chatham Albatross	Chatham Island	<i>Thalassarche eremita</i>	GPS or PTT	adult	breeding	37	41,281
Chatham Albatross	Chatham Island	<i>Thalassarche eremita</i>	GPS or PTT	adult	non-breeding	16	34,474
Chatham Albatross	Chatham Island	<i>Thalassarche eremita</i>	GLS	adult	non-breeding	15	3,573
Salvin's Albatross	Bounty Islands	<i>Thalassarche salvini</i>	GPS or PTT	adult	breeding	29	54,083
Salvin's Albatross	Bounty Islands	<i>Thalassarche salvini</i>	GPS or PTT	adult	non-breeding	19	26,632
Salvin's Albatross	Bounty Islands	<i>Thalassarche salvini</i>	GLS	adult	breeding	31	8,551
Salvin's Albatross	Bounty Islands	<i>Thalassarche salvini</i>	GLS	adult	non-breeding	31	6,004
Salvin's Albatross	The Snares	<i>Thalassarche salvini</i>	GLS	adult	breeding	45	5,498
Salvin's Albatross	The Snares	<i>Thalassarche salvini</i>	GLS	adult	non-breeding	23	5,375
Southern Giant Petrel	Crozet	<i>Macronectes giganteus</i>	GPS or PTT	juvenile/immature	non-breeding	5	12,238
Southern Giant Petrel	Isla de los Estados	<i>Macronectes giganteus</i>	GPS or PTT	adult	breeding	7	3,373
Southern Giant Petrel	Macquarie Island	<i>Macronectes giganteus</i>	GPS or PTT	adult	breeding	6	1,874
Southern Giant Petrel	Macquarie Island	<i>Macronectes giganteus</i>	GPS or PTT	juvenile/immature	non-breeding	7	8,762
Southern Giant Petrel	North Patagonia	<i>Macronectes giganteus</i>	GPS or PTT	adult	breeding	12	14,968
Southern Giant Petrel	North Patagonia	<i>Macronectes giganteus</i>	GPS or PTT	adult	non-breeding	6	17,908
Southern Giant Petrel	North Patagonia	<i>Macronectes giganteus</i>	GPS or PTT	juvenile/immature	non-breeding	11	16,254
Southern Giant Petrel	Prince Edward Islands	<i>Macronectes giganteus</i>	GPS or PTT	adult	breeding	49	8,669
Southern Giant Petrel	South Georgia (Islas Georgias del Sur)*	<i>Macronectes giganteus</i>	GPS or PTT	adult	breeding	92	11,423
Southern Giant Petrel	South Shetland Islands	<i>Macronectes giganteus</i>	GPS or PTT	adult	breeding	132	12,601

Common name	Island group	Scientific name	Device type	Age class	Breeding status	N tracks	N positions
Southern Giant Petrel	South Shetland Islands	<i>Macronectes giganteus</i>	GPS or PTT	adult	non-breeding	24	754
Southern Giant Petrel	Prince Edward Islands	<i>Macronectes giganteus</i>	GLS	adult	breeding	10	1,594
Southern Giant Petrel	Prince Edward Islands	<i>Macronectes giganteus</i>	GLS	adult	non-breeding	10	2,787
Southern Giant Petrel	South Georgia (Islas Georgias del Sur)*	<i>Macronectes giganteus</i>	GLS	adult	breeding	77	4,867
Southern Giant Petrel	South Georgia (Islas Georgias del Sur)*	<i>Macronectes giganteus</i>	GLS	adult	non-breeding	37	11,739
Northern Giant Petrel	Crozet	<i>Macronectes halli</i>	GPS or PTT	juvenile/immature	non-breeding	5	12,396
Northern Giant Petrel	Kerguelen	<i>Macronectes halli</i>	GPS or PTT	juvenile/immature	non-breeding	5	15,736
Northern Giant Petrel	Macquarie Island	<i>Macronectes halli</i>	GPS or PTT	juvenile/immature	non-breeding	5	4,611
Northern Giant Petrel	Prince Edward Islands	<i>Macronectes halli</i>	GPS or PTT	adult	breeding	61	13,478
Northern Giant Petrel	South Georgia (Islas Georgias del Sur)*	<i>Macronectes halli</i>	GPS or PTT	adult	breeding	92	7,424
Northern Giant Petrel	Prince Edward Islands	<i>Macronectes halli</i>	GLS	adult	breeding	27	3,487
Northern Giant Petrel	Prince Edward Islands	<i>Macronectes halli</i>	GLS	adult	non-breeding	27	7,021
Northern Giant Petrel	South Georgia (Islas Georgias del Sur)*	<i>Macronectes halli</i>	GLS	adult	breeding	77	4,223
Northern Giant Petrel	South Georgia (Islas Georgias del Sur)*	<i>Macronectes halli</i>	GLS	adult	non-breeding	31	9,268
White-chinned Petrel	Crozet	<i>Procellaria aequinoctialis</i>	GPS or PTT	adult	breeding	21	11,944
White-chinned Petrel	Kerguelen	<i>Procellaria aequinoctialis</i>	GPS or PTT	adult	breeding	21	12,707
White-chinned Petrel	Kerguelen	<i>Procellaria aequinoctialis</i>	GPS or PTT	juvenile/immature	non-breeding	9	28,341
White-chinned Petrel	Prince Edward Islands	<i>Procellaria aequinoctialis</i>	GPS or PTT	adult	breeding	21	8,689
White-chinned Petrel	South Georgia (Islas Georgias del Sur)*	<i>Procellaria aequinoctialis</i>	GPS or PTT	adult	breeding	38	15,494
White-chinned Petrel	South Georgia (Islas Georgias del Sur)*	<i>Procellaria aequinoctialis</i>	GPS or PTT	juvenile/immature	non-breeding	13	8,218
White-chinned Petrel	Antipodes Islands	<i>Procellaria aequinoctialis</i>	GLS	adult	breeding	33	2,273
White-chinned Petrel	Antipodes Islands	<i>Procellaria aequinoctialis</i>	GLS	adult	non-breeding	28	6,672
White-chinned Petrel	Auckland Islands	<i>Procellaria aequinoctialis</i>	GLS	adult	breeding	37	5,884
White-chinned Petrel	Auckland Islands	<i>Procellaria aequinoctialis</i>	GLS	adult	non-breeding	35	7,703
White-chinned Petrel	Falkland Islands (Islas Malvinas)*	<i>Procellaria aequinoctialis</i>	GLS	adult	breeding	14	2,885
White-chinned Petrel	Falkland Islands (Islas Malvinas)*	<i>Procellaria aequinoctialis</i>	GLS	adult	non-breeding	14	3,126
White-chinned Petrel	South Georgia (Islas Georgias del Sur)*	<i>Procellaria aequinoctialis</i>	GLS	adult	breeding	25	905
White-chinned Petrel	South Georgia (Islas Georgias del Sur)*	<i>Procellaria aequinoctialis</i>	GLS	adult	non-breeding	34	8,293
Spectacled Petrel	Tristan da Cunha	<i>Procellaria conspicillata</i>	GPS or PTT	adult	breeding	8	21,461
Spectacled Petrel	Tristan da Cunha	<i>Procellaria conspicillata</i>	GPS or PTT	adult	non-breeding	5	2,362

Common name	Island group	Scientific name	Device type	Age class	Breeding status	N tracks	N positions
Black Petrel	New Zealand	<i>Procellaria parkinsoni</i>	GPS or PTT	adult	breeding	33	2,475
Black Petrel	New Zealand	<i>Procellaria parkinsoni</i>	GLS	adult	breeding	63	1,482
Black Petrel	New Zealand	<i>Procellaria parkinsoni</i>	GLS	adult	non-breeding	15	1,361
Westland Petrel	New Zealand	<i>Procellaria westlandica</i>	GPS or PTT	adult	breeding	180	17,032
Westland Petrel	New Zealand	<i>Procellaria westlandica</i>	GLS	adult	breeding	8	1,708
Westland Petrel	New Zealand	<i>Procellaria westlandica</i>	GLS	adult	non-breeding	8	1,812
Grey Petrel	Gough	<i>Procellaria cinerea</i>	GPS or PTT	adult	breeding	15	7,402
Grey Petrel	Kerguelen	<i>Procellaria cinerea</i>	GPS or PTT	adult	breeding	7	7,902
Grey Petrel	Antipodes Islands	<i>Procellaria cinerea</i>	GLS	adult	breeding	25	4,153
Grey Petrel	Antipodes Islands	<i>Procellaria cinerea</i>	GLS	adult	non-breeding	24	5,771

* A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Islas Malvinas), South Georgia and the South Sandwich Islands (Islas Georgias del Sur e Islas Sandwich del Sur) and the surrounding maritime areas.