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**SUMMARY OF POPULATION DATA, CONSERVATION STATUS  
AND FORAGING RANGE OF SEABIRD SPECIES AT RISK  
FROM LONGLINE FISHERIES IN THE CONVENTION AREA**

Ad Hoc Working Group on Incidental Mortality Arising from Fishing (WG-IMAF)

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**SUMMARY OF POPULATION DATA, CONSERVATION STATUS  
AND FORAGING RANGE OF SEABIRD SPECIES AT RISK  
FROM LONGLINE FISHERIES IN THE CONVENTION AREA**

The two tables attached contain summaries of:

- (i) the conservation status and population information available; and
- (ii) data on foraging range in relation to CCAMLR statistical areas,

of seabird species at risk from longline fisheries in the Convention Area.

2. Ad hoc WG-IMAF expects to update these tables each year on the basis of annual reports of new data from Members and from other data published in the scientific literature.

Table 1: Summary of data on seabird species at risk from longline fisheries in the Convention Area, indicating the level of information available on population parameters, DNA profile and conservation status (BirdLife International (2000) and WG-FSA-01/55). (Information extracted from documents cited in SC-CAMLR-XVIII, Annex 5; SC-CAMLR-XIX, Annex 5; SC-CAMLR-XX, Annex 5; SC-CAMLR-XXI/4; also Gales, 1998; Marchant and Higgins, 1990).

Species	Conservation Status	Study Location	DNA Profile	Population Information					
				Annual Pairs	Year Started	Population Estimate	Trend	Adult Survival	Juvenile Survival
Wandering albatross <i>Diomedea exulans</i>	Vulnerable	South Georgia	√	2 178	1972	√	√	√	√
		Marion	√	1 794	1984	√	√	√	√
		Prince Edward	√	1 277	1979	√			
		Crozet	√	1 734	1966	√	√	√	√
		Kerguelen		1 455	1973	√	√	√	√
		Macquarie	√	10	1994	√	√	√	
Antipodean albatross <i>Diomedea antipodensis</i>	Vulnerable	Auckland	√	65	1991	√	√	√	
		Adams		5 762					
		Antipodes	√	5 148	1994	√	√	√	
Amsterdam albatross <i>Diomedea amsterdamensis</i>	Critically Endangered	Amsterdam		13	1983	√	√	√	√
Southern royal albatross <i>Diomedea epomophora</i>	Vulnerable	Campbell	√?	7 800	1995	√	√		
		Auckland Islands	√?	<100					
Northern royal albatross <i>Diomedea sanfordi</i>	Endangered	Chatham	√?	5 200	1990s	√	√	check	check
		Taiaroa	√?	18	1950s	√	√	√	√
Grey-headed albatross <i>Thalassarche chrysostoma</i>	Vulnerable	Diego Ramirez	√	10 000	1999	√			
		South Georgia	√	54 218	1976	√	√	√	√
		Marion	√	6 217	1984	√	√		
		Prince Edward		1 500					
		Crozet		5 946	1980				
		Kerguelen	√	7 900					
		Macquarie	√	84	1994	√	√	√	
Campbell	√	6 400	1987	√					

continued

continued

Species	Conservation Status	Study Location	DNA Profile	Population Information					
				Annual Pairs	Year Started	Population Estimate	Trend	Adult Survival	Juvenile Survival
Black-browed albatross <i>Thalassarche melanophrys</i>	Vulnerable	Diego Ramirez	√	32 000	1999	√			
		(Diego de Almagro)	√	15 600	2000	√			
		Falklands/Malvinas	√	382 000	1990	√	√	√	√
		South Georgia	√	96 252	1976	√	√	√	√
		Crozet		980					
		Kerguelen	√	3 115	1978	√	√	√	√
		Heard Island		600	2000	√			
		McDonald Island		750	1979	√			
		Macquarie	√	38	1994	√	√	√	
Campbell	√	<30	1995						
Antipodes		100	1995	√					
Campbell albatross <i>Thalassarche impavida</i>	Vulnerable	Campbell	√	26 000	1987	√		√	
Atlantic yellow-nosed albatross <i>Thalassarche chlororhynchos</i>	Near-Threatened	Tristan da Cunha	√	27 000					
		Gough	√	46 000	1982		√	√	
Indian yellow-nosed albatross <i>Thalassarche carteri</i>	Vulnerable	Amsterdam		25 000	1978	√	√	√	√
		Prince Edward		7 000					
		Crozet		4 430					
Buller's albatross <i>Thalassarche bulleri</i>	Vulnerable	Snares		8 460	1992	√	√	√	
		Solander		4 000–5 000	1992	√			
Chatham albatross <i>Thalassarche eremita</i>	Critically Endangered	Chatham	√	4 000	1998	√			
Salvin's albatross <i>Thalassarche salvini</i>	Vulnerable	Bounty		76 000	1998	√			
		Ile des Pingouins, Crozet		4					
		Snares		4 650					
White-capped albatross <i>Thalassarche steadi</i>	Vulnerable	Antipodes	√	75	1972	√	√		
		Disappointment	√	72 000					
		Adams	√	100					
		Auckland		3 000	1994	√			

continued

Species	Conservation Status	Study Location	DNA Profile	Population Information					
				Annual Pairs	Year Started	Population Estimate	Trend	Adult Survival	Juvenile Survival
Light-mantled albatross <i>Phoebastria palpebrata</i>	Near-Threatened	South Georgia	√	6 500					
		Marion		201					
		Prince Edward							
		Crozet		2 151	1966	√	√	√	√
		Kerguelen		3 000–5 000	1994	√	√	√	√
		Heard, McDonald		500–700					
		Macquarie		1 100	1993	√	√	√	√
		Campbell		>1 500	1995	√	√		
		Auckland		5 000	1972	√			
		Antipodes		<1 000	1995	√			
Sooty albatross <i>Phoebastria fusca</i>	Vulnerable	Tristan da Cunha		2 750					
		Gough		5 000–10 000	2000	√			
		Marion		2 055					
		Prince Edward		700					
		Crozet		2 298	1968	√	√	√	√
		Amsterdam		300–400	1992	√	√	√	
Southern giant petrel <i>Macronectes giganteus</i>	Vulnerable	Antarctic Peninsula		1 125					
		Enderby Land		no estimate					
		Frazier		250					
		Adélie Land		9–11	1964	√			
		South Shetland		7 185					
		South Orkney		8 755	1976	√			
		South Sandwich		800					
		Falklands/Malvinas		5 000					
		South Georgia		5 000	1980	√	√	√	
		Gough							
		Marion		1 500	1984	√	√		
		Prince Edward							
		Crozet		1 017	1981	√	√		
		Kerguelen		3–5					
		Heard		2 350					
Macquarie		2 300	1994	√	√				

continued

continued

Species	Conservation Status	Study Location	DNA Profile	Population Information					
				Annual Pairs	Year Started	Population Estimate	Trend	Adult Survival	Juvenile Survival
Northern giant petrel <i>Macronectes halli</i>	Near-Threatened	South Georgia		3 000	1980	√	√	√	
		Marion		350	1984	√	√		
		Prince Edwards							
		Crozet				1981	√		
		Kerguelen		1 450–1 800	1986	√			
		Macquarie		1 313	1994	√	√		
		Campbell		230+					
		Auckland		no estimate					
		Antipodes		320					
Chatham		no estimate							
White-chinned petrel <i>Procellaria aequinoctialis</i>	Vulnerable	Falklands/Malvinas		1 000–5 000					
		South Georgia		2 000 000	1995	√	√		
		Prince Edwards		10 000s	1996	√	√		
		Crozet		10 000s	1968	√	√		
		Kerguelen		100 000s					
		Auckland, Campbell, Antipodes							
Grey petrel <i>Procellaria cinerea</i>	Near-Threatened	Tristan da Cunha		1 000s					
		Gough		100 000s					
		Prince Edwards		1 000s					
		Crozet		1 000s					
		Kerguelen		1 000s					
		Macquarie		<100					
		Campbell		10 000s					
		Antipodes		10 000s					

Table 2: Summary of data on seabird species at risk from longline fisheries in the Convention Area, indicating the level of information available on foraging ecology in respect of years of study, stage of breeding cycle, CCAMLR areas visited and risk assessment (SC-CAMLR-XX/BG/11) of these areas. (Information extracted from documents cited in SC-CAMLR-XVIII, Annex 5; SC-CAMLR-XIX, Annex 5; SC-CAMLR-XX, Annex 5; SC-CAMLR-XXI/4; also Gales, 1998; Marchant and Higgins, 1990). nr – not recorded.

Species	Study Location	Foraging Ecology				CCAMLR Area Prospected ( <i>IMALF risk assessment</i> )																		
		Data	Years	Trips			48.1	48.2	48.3	48.4	48.5	48.6	58.4.1	58.4.2	58.4.3	58.4.4a	58.4.4b	58.5.1	58.5.2	58.6	58.7	88.1	88.2	88.3
				Incubation	Chick Rear	Non-Breeding	3	2	5	3	1	2	3	2	3	3	3	5	4	5	5	3	1	1
Wandering albatross <i>Diomedea exulans</i>	South Georgia	√	1990–2000	15	152			•	•	•	•													•
	Marion	√	1996–1998	11	69						•													
	Prince Edward																•	•	•	•				
	Crozet	√	nr	nr	nr								•	•										
	Kerguelen	√	nr	nr	nr												•	•	•	•				
	Macquarie																							
Antipodean albatross <i>Diomedea antipodensis</i>	Auckland	√	nr																					
	Adams																							
	Antipodes	√	nr																					
Amsterdam albatross <i>Diomedea amsterdamensis</i>	Amsterdam	√	nr														•	•						
Southern royal albatross <i>Diomedea epomophora</i>	Campbell	√	nr																					
	Auckland Islands																							
Northern royal albatross <i>Diomedea sanfordi</i>	Chatham	√	nr																					
	Taiaroa	√	nr																					
Grey-headed albatross <i>Thalassarche chrysostoma</i>	Diego Ramirez	√	2000-2001	nr	nr						•													•
	South Georgia	√	1991–2000	4	240			•	•	•	•													
	Marion	√	1997–1998	4	15						•					•				•	•			
	Prince Edward																							
	Crozet																							
	Kerguelen																							
	Macquarie	√	2000–2001	9	3																		•	
	Campbell																							
Black-browed albatross <i>Thalassarche melanophrys</i>	Diego Ramirez	√	1999-2001	nr	nr						•													•
	Falklands/Malvinas	√	nr	nr	nr																			
	South Georgia	√	1993–1994	11	73			•	•	•	•													
	Crozet																							
	Kerguelen	√	nr	nr	nr																			
	Heard, McDonald																							
	Macquarie	√	2000–2001	10	5																		•	
	Antipodes																							
	Campbell																							
Atlantic yellow-nosed albatross <i>Thalassarche chlororhynchos</i>	Tristan da Cunha																							
	Gough																							
Campbell albatross <i>Thalassarche impavida</i>	Campbell	√	1995	nr	nr																			

continued

continued

Species	Study Location	Foraging Ecology				CCAMLR Area Prospected ( <i>IMALF risk assessment</i> )																		
		Data	Years	Trips			48.1	48.2	48.3	48.4	48.5	48.6	58.4.1	58.4.2	58.4.3	58.4.4a	58.4.4b	58.5.1	58.5.2	58.6	58.7	88.1	88.2	88.3
				Incubation	Chick Brood	Non-Breeding																		
Indian yellow-nosed albatross <i>Thalassarche carteri</i>	Prince Edward Crozet Amsterdam	√	nr	nr	nr																			
Buller's albatross <i>Thalassarche bulleri</i>	Snares Solander	√ √	nr nr	nr nr	nr nr																			
Chatham albatross <i>Thalassarche eremita</i>	Chatham	√	nr	nr	nr																			
Salvin's albatross <i>Thalassarche salvini</i>	Ile des Pingouins, Crozet Bounty Snares																							
White-capped albatross <i>Thalassarche steadi</i>	Antipodes Disappointment Adams Auckland																							
Light-mantled albatross <i>Phoebastria palpebrata</i>	South Georgia Marion Prince Edward Crozet Kerguelen Heard, McDonald Macquarie Campbell Auckland Antipodes	√	nr	nr	nr																			
Sooty albatross <i>Phoebastria fusca</i>	Tristan da Cunha Gough Marion Prince Edward Crozet Amsterdam	√	nr	nr	nr																			
Southern giant petrel <i>Macronectes giganteus</i>	Antarctic Peninsula Enderby Land Frazier Adélie Land South Shetland South Orkney South Sandwich Falklands/Malvinas South Georgia Gough Marion Prince Edward Crozet Kerguelen Heard Macquarie	√	1996–1998	13		1	•	•	•	•	•				•									

continued



continued

Species	Study Location	Foraging Ecology				CCAMLR Area Prospected ( <i>IMALF risk assessment</i> )																			
		Data	Years	Trips			48.1	48.2	48.3	48.4	48.5	48.6	58.4.1	58.4.2	58.4.3	58.4.4a	58.4.4b	58.5.1	58.5.2	58.6	58.7	88.1	88.2	88.3	
				Incubation	Chick Brood	Non-Breeding																			
Northern giant petrel <i>Macronectes halli</i>	South Georgia Marion Prince Edward Crozet Kerguelen Macquarie Campbell Auckland Antipodes Chatham	√	1998	18																					
White-chinned petrel <i>Procellaria aequinoctialis</i>	Falklands/Malvinas South Georgia Prince Edwards Crozet Kerguelen Auckland, Campbell, Antipodes	√ √ √	1996–1998	5	20																				
Grey petrel <i>Procellaria cinerea</i>	Tristan da Cunha Gough Prince Edwards Crozet Kerguelen Macquarie Campbell Antipodes																								