

## ANTARCTICA - ROSS SEA INCLUDING HELICOPTERS FROM BLUFF | ORTELIUS



### INTRODUCTION

Sail to the southern parts of the Antarctic Peninsula, Peter I Island, the Bellingshausen and Amundsen Seas into the Ross Sea. Visiting the Ross Ice-shelf, Dry Valleys, McMurdo Station, Macquarie Island, Campbell Island and the historic huts of Scott and Shackleton.

*\*\* Please note, this is a 33 day cruise however, you will be crossing the International Date Line and will 'lose' a day.*

*The end date is 20th March 2023. \*\**

*Special note about landing permits: -*

*Landings at Macquarie Island, Campbell Island, and any Antarctic station (including Scott and McMurdo) are prohibited for the 2022-23 season. We are still trying to obtain permits for these locations, but it is likely we will have to choose alternates. We may, for example, take a Zodiac cruise around Macquarie Island, a superb excursion that will give you the chance to spot wildlife like royal penguins. Another alternative is the Balleny Islands, where a landing is possible depending on local conditions. We may also visit Blood Falls, a salt waterfall at the foot of Taylor Glacier that has a striking red color due to high concentrations of iron oxide in the water. Here we hope to make a helicopter landing if weather conditions allow.*

*Helicopter transfers: -*

*During these voyages, we transfer our passengers to shore using Zodiacs. We also operate our two helicopters in sites where Zodiacs cannot be used. Potential areas for helicopter transfer are Cape Evans (the location of Scott's hut), Cape Royds (the location of Shackleton's hut), the Ross Ice Shelf, Peter I Island, and the Dry Valleys.*

*Our plan is to make five helicopter-based landings, though a specific amount of helicopter time cannot be guaranteed in advance. Helicopters provide us a great advantage in reaching certain landing sites that are otherwise almost inaccessible, but this is a true expedition in the world's most remote area: weather, ice, and other forces*

#### TRIP CODE

ACOWRSIC

#### DEPARTURE

17/02/2023

#### DURATION

33 Days

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East Antarctica, Ross Sea



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*of nature dictate the final itinerary. Conditions may change rapidly, impacting helicopter operations. Please understand and accept this. Safety is our greatest concern, and no compromises can be made.*

*The vessel is equipped with two helicopters. If one helicopter is unable to fly for whatever reason, helicopter operations will cease or be cancelled. One helicopter always needs to be supported by a second functioning helicopter. No guarantees can be given, and in no event will claims be accepted.*

### ITINERARY

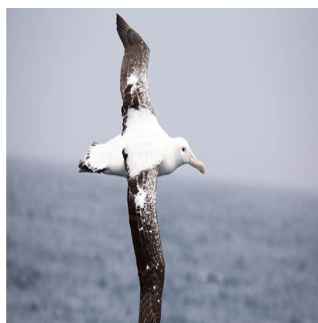
#### DAY 1: New Zealand's southernmost town

Your voyage begins in Bluff, commonly held to be New Zealand's most southerly town. Sailing beyond the boundaries of the civilized world, you venture into the untamed regions of the far south.



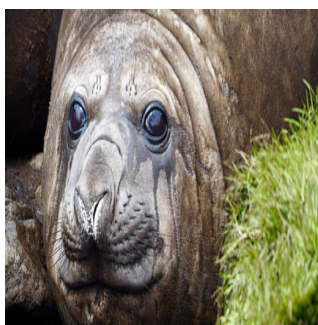
#### DAY 2: Sailing south with the seabirds

Seabirds trail your vessel across limitless horizons toward Campbell Island.



#### DAY 3: Campbell Island

The plan today is to visit the sub-Antarctic New Zealand Reserve and UNESCO World Heritage Site of Campbell Island, enjoying its luxuriantly blooming vegetation. The fauna on Campbell Island is also a highlight, with a large and easily accessible colony of southern royal albatrosses on the main island. Breeding on the satellite islands are wandering, Campbell, grey-headed, black-browed, and light-mantled albatrosses. There are also three breeding penguin species present: eastern rockhopper, erect-crested, and yellow-eyed penguins. In the 18th century, seals in the area were hunted to extinction, but the elephant seals, fur seals, and sea lions have since recovered.



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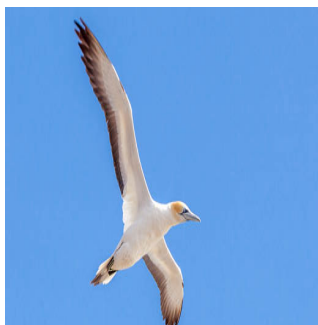
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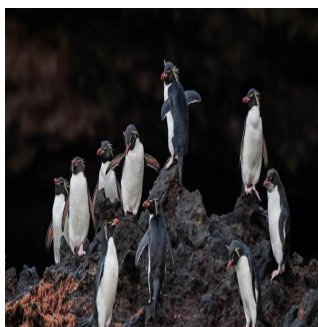
### DAY 4: Northwest by sea

You now sail northwest, again followed by numerous species of seabird.



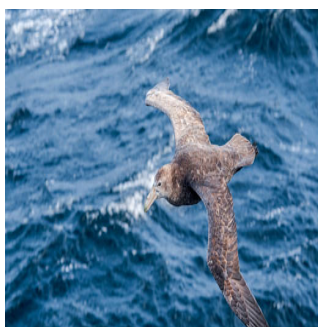
### DAY 5: Macca aka Macquarie Island

Macca, also known as Macquarie Island, is a Tasmanian State Reserve that in 1997 became a World Heritage Site. The Australian Antarctic Division has its permanent base on this island, which Australian sealer Frederick Hasselborough discovered while searching for new sealing grounds. The fauna on Macquarie is fantastic, and there are colonies of king, gentoo, and southern rockhopper penguins – as well as almost one million breeding pairs of the endemic royal penguin. Elephant seals and various fur seal species, such as the New Zealand fur seal, are also present.



### DAY 6: Once more to the Southern Ocean - Day 6 to 8

You once again enter the vast expanse of the Southern Ocean. Sea birds are also prolific on this leg, during which we hope to enjoy good weather conditions.



### DAY 9: The windswept Balleny Islands

Your intended route is past Sturge Island in the afternoon, getting an impression of these windswept and remote islands before crossing the Antarctic Circle.



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### DAY 10: Across the seas to the Antarctic Continent

By now you've become a veteran of the high seas, if you weren't when you started the voyage. You spend today sailing toward the Antarctic Continent.



### DAY 11: The residents of Cape Adare

You next attempt a landing at Cape Adare, where for the first time humans wintered on the Antarctic Continent: The Norwegian Borchgrevink stayed in here 1899, taking shelter in a hut that to this day is surrounded by the largest colony of Adélie penguins in the world.



### DAY 12: Cape Hallett's abundant Adélies

Sailing south along the west coast of the Ross Sea, you may attempt a landing at the protected area of Cape Hallett and its large Adélie penguin rookery.



### DAY 13: Exploring the inexpressible

If sea ice permits, you land at Inexpressible Island, which has a fascinating history in connection to the less-known Northern Party of Captain Scott's expedition. It is also home to a sizable Adélie penguin rookery. You may also head farther south toward the impressive Drygalski Ice Tongue if ice conditions prevent entry into Terra Nova Bay.



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### DAY 14: Highlights of the Ross Sea - Day 14 to 16

Keeping to the Ross Sea, your aim is now to visit Ross Island. In this location you can see Mount Erebus, Mount Terror, and Mount Byrd, as well as many other famous spots that played an important role in the British expeditions of the last century: Cape Royds, where Ernest Shackleton's cabin still stands; Cape Evans, where the cabin of Robert Falcon Scott can still be seen; and Hut Point, from which Scott and his men set out for the South Pole. If ice is blocking the way but weather conditions are favorable, you may use the helicopters to land in one or more spots in this area. The American scientific base of McMurdo Station and New Zealand's Scott Base are other possible locations you might visit. From McMurdo Station you could also make a 10-km hike (6 miles) to Castle Rock, where there are great views across the Ross Ice Shelf toward the South Pole. Additionally, you may make a helicopter landing in Taylor Valley, one of the Dry Valleys, where conditions are closer to Mars than anywhere else on Earth.



### DAY 17: The epic Ross Ice Shelf - Day 17 & 18

The next goal is to enter the Ross Sea from the east, venturing south toward the Bay of Whales and close to Roosevelt Island (named in 1934 by the American aviator Richard E. Byrd for President Franklin D. Roosevelt). The Bay of Whales is part of the Ross Ice Shelf, the largest ice shelf in the world, and is constantly changing with the receding ice masses. Large icebergs are present here, along with great wildlife opportunities. Roald Amundsen gained access to the shelf en route to the South Pole, which he reached on December 14, 1911. Also, the Japanese explorer Nobu Shirase had his camp in this area in 1912, at Kainan Bay. You may make a helicopter landing on the ice shelf if conditions allow. During this part of the voyage, we will also cross the International Date Line.



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### DAY 19: Sights of the Amundsen Sea - Day 19 to 25

You then sail through the Amundsen Sea, moving along and through the outer fringes of the pack ice. Ice conditions are never the same from year to year, though we aim to take advantage of the opportunities that arise if sea ice is present. Emperor penguins, groups of seals lounging on the ice floes, orca and minke whales along the ice edge, and different species of fulmarine petrels are possible sights in this area.



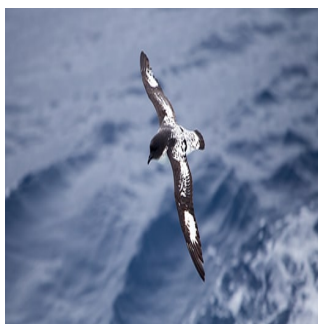
### DAY 26: A rare glimpse of Peter I Island

Known as Peter I Øy in Norwegian, this is an uninhabited volcanic island in the Bellingshausen Sea. It was discovered by Fabian von Bellingshausen in 1821 and named after Peter the Great of Russia. The island is claimed by Norway and considered its own territory, though it is rarely visited by passenger vessels due to its exposed nature. If weather and ice conditions allow, you may enjoy a helicopter landing on the glaciated northern part of the island. This is a unique chance to land on one of the most remote islands in the world.



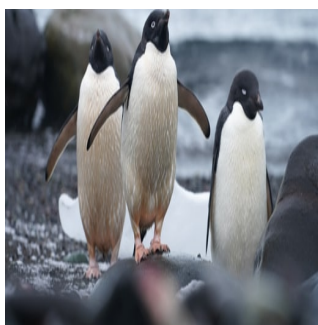
### DAY 27: Braving the Bellingshausen - Day 27 & 28

You now sail across Bellingshausen Sea, bound for the Antarctic Peninsula.



### DAY 29: Through the Pendleton Strait

You arrive at the Antarctic Peninsula near the Antarctic Circle in the afternoon. If sea ice allows it, you can then continue through Pendleton Strait and attempt a landing at the rarely visited southern tip of Renaud Island. Here you have the opportunity to see the first Adélie penguins of the trip as well as enjoy spectacular views of the icebergs in this surreal, snow-swept environment.



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### DAY 30: North via the Drake - Day 30 to 32

Over the following days on the Drake Passage, you enjoy some of the same experiences encountered by the great polar explorers who first charted these regions: cool salt breezes, rolling seas, maybe even a fin whale spouting up sea spray. After passing the Antarctic Convergence - Antarctica's natural boundary, formed when north-flowing cold waters collide with warmer sub-Antarctic seas - you are in the circum-Antarctic upwelling zone. Wandering albatrosses, grey-headed albatrosses, black-browed albatrosses, light-mantled sooty albatrosses, cape pigeons, southern fulmars, Wilson's storm petrels, blue petrels, and Antarctic petrels are a few of the birds you might see.



### DAY 33: End of the world, last of the journey

Every adventure, no matter how grand, must eventually come to an end. It's now time to disembark in Ushuaia, reputed to be the southernmost town in the world, and return home with memories that will accompany you wherever your next adventure lies. Please note, this is a 33 day cruise however, you will be crossing the International Date Line and will 'lose' a day.



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## INCLUSIONS & DETAILS

#### Accommodation

Standard

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Inclusions	<p>All on-board accommodation</p> <p>All meals throughout voyage</p> <p>All shore excursions and activities by Zodiac</p> <p>Program of lectures by experienced guides and naturalists</p> <p>Complimentary use of rubber boots during voyage</p> <p>Luggage transfer from pick-up point to vessel on ebmarkation in Ushuaia</p> <p>Group transfer from Kelvin Hotel in Invercargill to the vessel in Bluff</p> <p>Group transfer from the vessell to airport in Ushuaia (directly after disembarkation)</p> <p>All miscellaneous service taxes and port charges throughout the programme</p> <p>Comprehensive pre-departure material</p> <p>During our 'Basecamp' departures all offered activities (including camping, kayaking, hiking, mountaineering, photo workshops) are free of charge</p>
	<p><b>Exclusions</b></p> <p>Any airfare, whther shceduled or charter flights</p> <p>Pre and post land arrangements</p> <p>Passport and visa expenses</p> <p>Government arrival and departure taxes</p> <p>Meals whilst ashore</p> <p>Baggage, cancellation and personal insurance</p> <p>Excess baggage charges</p> <p>All items of a personal nature (such as laundry and telecommunication charges)</p> <p>Gratuities for crew</p>
Difficulty Rating	2 (Light adventure)
Single Surcharge	Available upon request
Notes	Contact us for more details
Price Dependent upon	Season and availability

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## SUSTAINABILITY

### GUIDANCE FOR VISITORS TO THE ANTARCTIC

RECOMMENDATION XVIII-1, ADOPTED AT THE ANTARCTIC TREATY MEETING, KYOTO, 1994

Activities in the Antarctic are governed by the Antarctic Treaty of 1959 and associated agreements, referred to collectively as the Antarctic Treaty System. The Treaty established Antarctica as a zone of peace and science.

In 1991, the Antarctic Treaty Consultative Parties adopted the Protocol on Environmental Protection to the Antarctic Treaty, which designates the Antarctic as a



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natural reserve. The Protocol sets out environmental principles, procedures and obligations for the comprehensive protection of the Antarctic environment, and its dependent and associated ecosystems. The Consultative Parties have agreed that as far as possible and in accordance with their legal system, the provisions of the Protocol should be applied as appropriate. The Environmental Protocol was ratified in January 1998.

The Environmental Protocol applies to tourism and non-governmental activities, as well as governmental activities in the Antarctic Treaty Area. It is intended to ensure that these activities, do not have adverse impacts on the Antarctic environment, or on its scientific and aesthetic values.

This Guidance for Visitors to the Antarctic is intended to ensure that all visitors are aware of, and are therefore able to comply with, the Treaty and the Protocol. Visitors are, of course, bound by national laws and regulations applicable to activities in the Antarctic.

### PROTECT ANTARCTIC WILDLIFE

Taking or harmful interference with Antarctic wildlife is prohibited except in accordance with a permit issued by a national authority.

Do not use aircraft, vessels, small boats, or other means of transport in ways that disturb wildlife, either at sea or on land.

Do not feed, touch, or handle birds or seals, or approach or photograph them in ways that cause them to alter their behavior. Special care is needed when animals are breeding or molting.

Do not damage plants, for example by walking, driving, or landing on extensive moss beds or lichen-covered scree slopes.

Do not use guns or explosives. Keep noise to the minimum to avoid frightening wildlife.

Do not bring non-native plants or animals into the Antarctic, such as live poultry, pet dogs and cats, or house plants.

### RESPECT PROTECTED AREAS

A variety of areas in the Antarctic have been afforded special protection because of their particular ecological, scientific, historic, or other values. Entry into certain areas may be prohibited except in accordance with a permit issued by an appropriate national authority.

Activities in and near designated Historic Sites and Monuments and certain other areas may be subject to special restrictions.

Know the locations of areas that have been afforded special protection and any restrictions regarding entry and activities that can be carried out in and near them.

Observe applicable restrictions.

Do not damage, remove, or destroy Historic Sites or Monuments or any artifacts associated with them.

### RESPECT SCIENTIFIC RESEARCH

Do not interfere with scientific research, facilities or equipment.

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Obtain permission before visiting Antarctic science and support facilities; reconfirm arrangements 24-72 hours before arrival; and comply with the rules regarding such visits.

Do not interfere with, or remove, scientific equipment or marker posts, and do not disturb experimental study sites, field camps, or supplies.

BE SAFE

Be prepared for severe and changeable weather and ensure that your equipment and clothing meet Antarctic standards. Remember that the Antarctic environment is inhospitable, unpredictable, and potentially dangerous.

Know your capabilities and the dangers posed by the Antarctic environment, and act accordingly. Plan activities with safety in mind at all times.

Keep a safe distance from all wildlife, both on land and at sea.

Take note of, and act on, the advice and instructions from your leaders; do not stray from your group.

Do not walk onto glaciers or large snow fields without the proper equipment and experience; there is a real danger of falling into hidden crevasses.

Do not expect a rescue service. Self-sufficiency is increased and risks reduced by sound planning, quality equipment, and trained personnel.

Do not enter emergency refuges (except in emergencies). If you use equipment or food from a refuge, inform the nearest research station or national authority once the emergency is over.

Respect any smoking restrictions, particularly around buildings, and take great care to safeguard against the danger of fire. This is a real hazard in the dry environment of Antarctica.

### KEEP ANTARCTICA PRISTINE

Antarctica remains relatively pristine, the largest wilderness area on Earth. It has not yet been subjected to large-scale human perturbations. Please keep it that way.

Do not dispose of litter or garbage on land. Open burning is prohibited.

Do not disturb or pollute lakes or streams. Any materials discarded at sea must be disposed of properly.

Do not paint or engrave names or graffiti on rocks or buildings.

Do not collect or take away biological or geological specimens or man-made artifacts as a souvenir, including rocks, bones, eggs, fossils, and parts or contents of buildings.

Do not deface or vandalize buildings or emergency refuges, whether occupied, abandoned, or unoccupied.

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