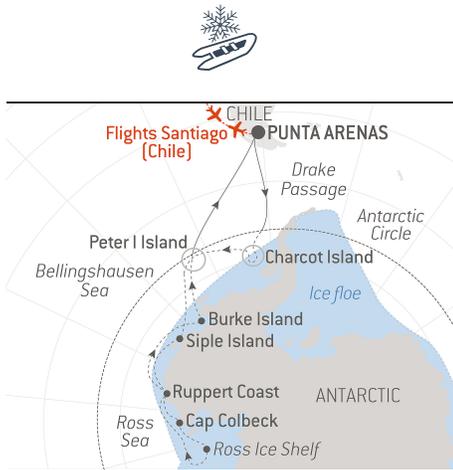


# The Ross Sea

From **16/02/2022**  
to **12/03/2022**

Ship: **LE COMMANDANT CHARCOT**

From **Punta Arenas**  
to **Punta Arenas**



Flight Santiago/Punta Arenas + transfers + flight  
Punta Arenas/Santiago

*An important procedure conditions your departure: in order to be able to arrive on Chilean territory, a mobility pass is required. The delay to obtain it can take 30 days, we kindly ask you to make your request as soon as possible. To do this, you must validate your vaccination schedule on the site <https://mevacuno.gob.cl/> in order to obtain this mobility pass (up to 30 days from your request).*

Sailing the **Ross Sea** means discovering one of the most extreme and conserved universes in the Antarctic.

Partially occupied by **the Ross Ice Shelf, the largest ice platform in Antarctica**, this immense bay located several hundred kilometres from the **South Pole**, is considered as **"the last ocean"**, the last intact marine ecosystem and the largest marine sanctuary since 2016.

Here, the cold is more intense, the wind more powerful, the ice more impressive, and the scenery more spectacular...

In the heart of this polar Garden of Eden, where the ice shelf turns into icebergs, **you will encounter prodigious fauna**, as well as **surrealist landscapes**, with infinite shades of blue and stunning reliefs. Antarctic petrels, Minke whales, orcas and seals are at home here, as are very large colonies of Adelie penguins.

*We are privileged guests in these extreme lands where we are at the mercy of weather and ice conditions. Our navigation will be determined by the type of ice we come across; as the coastal ice must be preserved, we will take this factor into account from day to day in our itineraries. The sailing schedule and any landings, activities and wildlife encounters are subject to weather and ice conditions. These experiences are unique and vary with each departure. The Captain and the Expedition Leader will make every effort to ensure that your experience is as rich as possible, while respecting safety instructions and regulations imposed by the IAATO.*



The information in this document is valid as of 27/01/2022

# The Ross Sea

## YOUR STOPOVERS :

### PUNTA ARENAS

Embarkation 16/02/2022 from 16:00 to 17:00

Departure 16/02/2022 at 18:00

Capital of the Magallanes Region and of the Chilean Antarctic, this handsome port city will charm you with its history and traditions. Once inhabited by several indigenous tribes, Punta Arenas has maintained an architectural style that remains true to its heritage.

### CROSSING THE DRAKE PASSAGE

Arrival 17/02/2022

Departure 18/02/2022

Use your days spent in the Drake Passage to familiarise yourself with your ship and deepen your knowledge of the Antarctic. The Expedition Leader will first present the IAATO rules of conduct that must be observed during landings in the region and will explain everything you need to know about the zodiac outings. Lectures about the history and wildlife of the Antarctic will be an opportunity for you to learn more about this magical region, where every cruise is a unique experience. From the ship's bridge, you will experience exceptional sailing moments before joining the naturalist-guides on your ship's exterior decks to look out for albatrosses, cape petrels, and other seabirds flying over the Drake Passage.

### CROSSING THE ANTARCTIC CIRCLE

Arrival 19/02/2022

Departure 19/02/2022

Weather permitting, we'll cross the mythic line of the **Antarctic Polar Circle**, located along **66°33' south of the Equator**. This iconic area demarcates the point from which it is possible to view the midnight sun during the December solstice. Within this circle, the sun remains above the horizon for 24 consecutive hours at least once a year. Crossing this line, an experience known to few people, is sure to be an unforgettable highlight of your cruise through the polar regions.

### EXPEDITION TO CHARCOT ISLAND

Arrival 20/02/2022

Departure 20/02/2022

When he discovered this island surrounded by sea ice in 1910 from aboard the *Pourquoi Pas ?* as he mapped Alexander Island, Jean-Baptiste Charcot had not be able to get less than 40 miles away from it. Situated in a zone that experiences frequent low-pressure systems and regular cloud cover, the island remains in many ways an enigma. It is

entirely covered in ice and sheer cliffs, with the exception of the rocky outcrops extending over a dozen kilometres in the far north-west. The ice in the narrowest part of Wilkins Sound has been cracking in recent times, thus officially detaching this island from its neighbour, Alexander Island, lying 50 km away. Very few people have landed on this largely untouched island, whose waters attract numerous seabirds, such as petrels, Antarctic terns and skuas.

## EXPEDITION TO PETER I ISLAND

Arrival 21/02/2022

Departure 21/02/2022

You will then head for the legendary Peter I Island. Located 450 km away from the Atlantic coast, it was discovered in 1821 by the Russian explorer Fabian Gottlieb von Bellingshausen, who named it in honour of the Russian tsar Peter the Great. In 1909, Captain Charcot sighted it for the first time from aboard the *Pourquoi Pas ?*, but was unable to land there: *"In the parting mists, one or two miles away, an enormous black mass shrouded in clouds appears suddenly before us: it is Peter I Island."* Surrounded by pack ice and with about 95% of its surface covered by ice, this volcanic island, whose highest peak reaches 1,640 metres, is protected by ice cliffs some 40 metres tall, making any approach difficult.

## BELLINGSHAUSEN SEA

Arrival 22/02/2022

Departure 23/02/2022

Stretching from the west side of the Antarctic Peninsula to the Amundsen Sea, the Bellingshausen Sea was named after the Russian admiral and explorer who has been attributed the first confirmed sighting of mainland Antarctica, in 1820. Its waters surround, among others, two of the largest islands in the Antarctic: Alexander Island and Thurston Island. You will sail amid ice floe, blocks of sea ice and majestic icebergs. The coastal areas along the Bellingshausen Sea are home to large colonies of emperor penguins. Depending on the season, you may get the chance to observe some of these creatures in the open sea.

## AT SEA ABOARD LE COMMANDANT CHARCOT

Arrival 24/02/2022

Departure 24/02/2022

Spend exceptional moments sailing aboard *Le Commandant Charcot*, the world's first luxury polar exploration vessel and the first PC2-class polar cruise ship capable of sailing into the very heart of the ice, on seas and oceans which the frozen conditions render inaccessible to ordinary ships. *Le Commandant Charcot* is fitted with oceanographic and scientific equipment selected by a committee of experts. Take advantage of the on-board lectures and opportunities for discussion with these specialists to learn more about the poles. Participate in furthering scientific research with PONANT and let us discover together what these fascinating destinations have yet to reveal to us.

## SIPLE ISLAND

Arrival 25/02/2022

Departure 25/02/2022

This island is dominated by Mount Siple, a dormant, potentially active shield volcano rising to an altitude of 3,000

metres. Entirely covered in a thick layer of ice, the gentle slopes of this cone are said to have been climbed, but no proof has yet been found of this feat. For now, it is thus considered Antarctica's highest unclimbed peak. At the foot of this icy giant, you could have the good fortune of being welcomed by a colony of Adelie penguins and of admiring the magnificent Thurston Glacier.

## AT SEA ABOARD LE COMMANDANT CHARCOT

Arrival 26/02/2022

Departure 26/02/2022

Spend exceptional moments sailing aboard *Le Commandant Charcot*, the world's first luxury polar exploration vessel and the first PC2-class polar cruise ship capable of sailing into the very heart of the ice, on seas and oceans which the frozen conditions render inaccessible to ordinary ships. *Le Commandant Charcot* is fitted with oceanographic and scientific equipment selected by a committee of experts. Take advantage of the on-board lectures and opportunities for discussion with these specialists to learn more about the poles. Participate in furthering scientific research with PONANT and let us discover together what these fascinating destinations have yet to reveal to us.

## RUPPERT COAST

Arrival 27/02/2022

Departure 27/02/2022

This quasi-unexplored coast along Marie Byrd Land is one of the only territories in the world to have never been claimed by any country, making it a *terra nullius*. It was the American colonel Jacob Ruppert who made the first aerial reconnaissance flight along this coast, during the second Byrd Antarctic Expedition (1933-1935). A Soviet research station was established there in 1980, before being officially abandoned in 1990.

## CAPE COLBECK

Arrival 28/02/2022

Departure 28/02/2022

This ice-covered cape, which forms the northwestern extremity of Marie Byrd Land, was discovered in January 1902 by the British National Antarctic Expedition. It was named in honour of Captain William Colbeck, one of the first explorers to have overwintered in Antarctica, during the *Southern Cross* expedition of 1899. This majestic cape delimits the western portion of the vast bay that contains the Ross Sea, the world's largest marine protected area.

## THE ROSS SEA

Arrival 01/03/2022

Departure 01/03/2022

"The last ocean" is what scientists from all around the world call this deep bay that runs along the edge of Antarctica between Marie Byrd Land and Victoria Land. Since 2016, the world's largest marine protected area has been keeping this last marine ecosystem intact. The theatre of the most impressive expeditions, it was discovered by James Clark Ross between 1839 and 1843. It was then that he discovered the enormous ice barrier formed by a gigantic ice shelf extending out to the open sea and from which titanic icebergs are calved. One third of the world's Adelie penguin

population lives in the area where this barrier breaks into icebergs. The currents maintain polynyas there, vast areas of persistent open water surrounded by sea ice. These give the penguins access to food.

## THE ROSS ICE SHELF

Arrival 02/03/2022

Departure 02/03/2022

The southern half of the Ross Sea is dominated by the largest ice shelf in the world, with a surface area equivalent to that of France. You will be awestruck by the majesty of this ice barrier which, far from being smooth and uniform, is ridged with caves, deep caverns, ledges, bays and promontories in infinite shades of blue carved out of it by the elements. Its vertiginous walls can reach up to 100 metres above sea level and some of them are several hundred metres deep. According to Sir Ernest Shackleton, some of the cavities could have contained *Le Nimrod*, his ship during the expedition he led to the South Pole between 1907 and 1909.

## AT SEA ABOARD LE COMMANDANT CHARCOT

Arrival 03/03/2022

Departure 03/03/2022

Spend exceptional moments sailing aboard *Le Commandant Charcot*, the world's first luxury polar exploration vessel and the first PC2-class polar cruise ship capable of sailing into the very heart of the ice, on seas and oceans which the frozen conditions render inaccessible to ordinary ships. *Le Commandant Charcot* is fitted with oceanographic and scientific equipment selected by a committee of experts. Take advantage of the on-board lectures and opportunities for discussion with these specialists to learn more about the poles. Participate in furthering scientific research with PONANT and let us discover together what these fascinating destinations have yet to reveal to us.

## RUPPERT COAST

Arrival 04/03/2022

Departure 04/03/2022

This quasi-unexplored coast along Marie Byrd Land is one of the only territories in the world to have never been claimed by any country, making it a *terra nullius*. It was the American colonel Jacob Ruppert who made the first aerial reconnaissance flight along this coast, during the second Byrd Antarctic Expedition (1933-1935). A Soviet research station was established there in 1980, before being officially abandoned in 1990.

## AT SEA ABOARD LE COMMANDANT CHARCOT

Arrival 05/03/2022

Departure 05/03/2022

Spend exceptional moments sailing aboard *Le Commandant Charcot*, the world's first luxury polar exploration vessel and the first PC2-class polar cruise ship capable of sailing into the very heart of the ice, on seas and oceans which the frozen conditions render inaccessible to ordinary ships. *Le Commandant Charcot* is fitted with oceanographic and scientific equipment selected by a committee of experts. Take advantage of the on-board lectures and opportunities for discussion with these specialists to learn more about the poles. Participate in furthering scientific research with

PONANT and let us discover together what these fascinating destinations have yet to reveal to us.

## BURKE ISLAND

Arrival 06/03/2022

Departure 06/03/2022

There are still a few places on our planet that no country has claimed. **Burke Island** is one. Recognised as a *terra nullius*, this ice-covered island about 30 km (19 miles) long and 11 km (7 miles) wide was delineated from aerial photographs taken by the U.S. Navy in 1960. Located in the Amundsen Sea in the King Peninsula, it owes its name to Admiral Arleigh A. Burke of the U.S. Navy, the Chief of Naval Operations during Operation Deep Freeze (1956-1961), a series of United States missions to Antarctica. You will have the privilege of sailing around this island in a zodiac dinghy and landing on a “no man’s land” for a rich and unique experience.

## EXPEDITION TO PETER I ISLAND

Arrival 07/03/2022

Departure 08/03/2022

You will then head for the legendary Peter I Island. Located 450 km away from the Atlantic coast, it was discovered in 1821 by the Russian explorer Fabian Gottlieb von Bellingshausen, who named it in honour of the Russian tsar Peter the Great. In 1909, Captain Charcot sighted it for the first time from aboard the *Pourquoi Pas ?*, but was unable to land there: “*In the parting mists, one or two miles away, an enormous black mass shrouded in clouds appears suddenly before us: it is Peter I Island.*” Surrounded by pack ice and with about 95% of its surface covered by ice, this volcanic island, whose highest peak reaches 1,640 metres, is protected by ice cliffs some 40 metres tall, making any approach difficult.

## AT SEA ABOARD LE COMMANDANT CHARCOT

Arrival 09/03/2022

Departure 09/03/2022

Spend exceptional moments sailing aboard *Le Commandant Charcot*, the world’s first luxury polar exploration vessel and the first PC2-class polar cruise ship capable of sailing into the very heart of the ice, on seas and oceans which the frozen conditions render inaccessible to ordinary ships. *Le Commandant Charcot* is fitted with oceanographic and scientific equipment selected by a committee of experts. Take advantage of the on-board lectures and opportunities for discussion with these specialists to learn more about the poles. Participate in furthering scientific research with PONANT and let us discover together what these fascinating destinations have yet to reveal to us.

## CROSSING THE DRAKE PASSAGE

Arrival 10/03/2022

Departure 11/03/2022

If there is one place, one sea, one waterway dreaded by tourists, researchers and hardened seafarers alike, it is undoubtedly **Drake Passage**. Situated at the latitude of the infamous Furious Fifties winds, between Cape Horn and the South Shetland Islands, it is **the shortest route to connect Antarctica to South America**. Seasoned navigators will tell you that you must earn your visit to the White Continent! As the Antarctic convergence zone where cold currents

rising up from the South Pole meet warmer equatorial water masses, Drake Passage harbours a very diverse marine fauna. Don't forget to look to the sky to catch a glimpse of elegant albatross and **Cape petrels**, playfully floating about in the wind around your ship.

## PUNTA ARENAS

Arrival 12/03/2022 early morning

Disembarkation 12/03/2022 at 07:00

Capital of the Magallanes Region and of the Chilean Antarctic, this handsome port city will charm you with its history and traditions. Once inhabited by several indigenous tribes, Punta Arenas has maintained an architectural style that remains true to its heritage.