

# Antarctica Total Solar Eclipse Voyage With South Georgia & the Falkland Islands November 23 - December 15, 2021



**Betchart Expeditions Inc.**



## Betchart Expeditions INC.

17050 Montebello Road • Cupertino, California 95014-5435 USA

Telephone: (408) 252-4910 • (800) 252-4910 • Fax: (408) 252-1444

Email: [BetchartEx@earthlink.net](mailto:BetchartEx@earthlink.net) On the Web: [www.betchartexpeditions.com](http://www.betchartexpeditions.com)

THE BEST OF MAN AND NATURE WORLDWIDE<sup>SM</sup>

### TOTAL SOLAR ECLIPSE, ANTARCTICA PENINSULA, SOUTH GEORGIA & FALKLAND ISLANDS EXPEDITION

NOVEMBER 23-DECEMBER 15, 2021  
November 25 –December 14, 2021 (voyage dates)



We invite you to join us for a unique voyage to see a cosmic wonder in a polar wonderland! This is truly a trip of a lifetime.

We will embark on the ultimate Eclipse experience from Ushuaia, Argentina, to view the Total Solar Eclipse on December 4, 2021 aboard the new *M/V Janssonius*, at one of the wildest and least-known places on the planet!

This 20 day/19 night voyage includes visits to some of the most picturesque locations in the Southern Hemisphere. You'll explore iconic icescapes and unique vistas of the Antarctic Peninsula.

To witness the Total Solar Eclipse, the ship will position in the center of the Moon shadow at the edge of the sea ice in the Weddell Sea.

You'll also explore South Georgia, where you'll have a hard time deciding what you love more: all the beautiful penguins, seals, and seabirds, or all the breathtaking mountains, bays, and beaches. You'll make landings in the Falkland Islands, a florally and culturally rich photographer's paradise featuring more exotic seabirds than you can point a camera at.

Though you can see a Total Solar Eclipse elsewhere from time to time, none of them offers as unique a "venue" as Antarctica. Combine that with everything else you'll enjoy during this voyage and you will have a truly exceptional adventure. Reserve your place now and experience it for yourself! Don't miss the chance to see one of Earth's most wondrous cosmic events in one of Earth's most fantastic places!

Call Taunya for reservations! Phone (800) 252-4910 or Email: [betcharttaunya@gmail.com](mailto:betcharttaunya@gmail.com)

Betchart Expeditions Inc. - 17050 Montebello Road - Cupertino, CA 95014

## VOYAGE ITINERARY

### **Day 1: End of the world, start of a journey.**

Your voyage begins where the world ends. Ushuaia, Argentina, the southernmost city on the planet, is located on the far southern tip of South America. Starting in the afternoon, you embark from Tierra del Fuego, and will sail down the mountain-fringed Beagle Channel towards Antarctica.

### **Days 2 – 3: Path of the polar explorers**

Over the next two days on the Drake Passage, you will 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.

Not only does the marine life change, the avian life changes too. 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.

### **Days 4 – 7: Awe-inspiring Antarctica**

This voyage gives you the chance to sail down the icy coast of the western Antarctic Peninsula. In the Gerlache Strait are several opportunities for great landings where you might set foot on the Antarctic Continent, surrounded by an epic landscape of alpine peaks and mammoth glaciers calving at sea level. Gentoo penguins, leopard seals, Weddell seals, humpback whales, and minke whales are often seen here.

The volcanic islands of the South Shetlands are windswept and often cloaked in mist, but they nonetheless offer many pleasures. A wide variety of flora (mosses, lichens, flowering grasses) and fauna (gentoo penguins, chinstrap penguins, southern giant petrels) live here.

On Deception Island, the ship plunges through Neptune’s Bellows and into the flooded caldera. Here you can find hot springs, an abandoned whaling station, and thousands of cape petrels. A number of kelp gulls, brown skuas, south polar skuas, and Antarctic terns can be spotted here too.

If ice permits, you sail into the Weddell Sea. Here colossal tabular icebergs herald your arrival to the eastern side of the Antarctic Peninsula. You might visit Brown Bluff, located in the ice-clogged Antarctic Sound, where you could get the chance to set foot on the continent. Paulet Island, with its large population of Adélie penguins, is another possible stop.

### **Days 8 – 9: East to the Eclipse**

Giant icebergs and a good chance of fin whale sightings enliven this segment of the voyage. Also, your best chance to spot Antarctic petrels is here. Depending on ice and weather conditions, the aim is to venture into the pack ice to find the best possible position for viewing the Total Solar Eclipse.

### **Day 10: Weddell Sea pack ice & Total Solar Eclipse (Dec 4, early morning)**

The ship positions itself in the center of the shadow of the Moon, and if possible, some distance into the Scotia Sea drift ice. The ice edge will be about 60°S, 41°W.

Some coordinates for the path of the moon’s shadow:

7.06 UTC: 58.47.7 S – 42.45.2 W, 1.39 minutes, 8 degrees above horizon

7.08 UTC: 60.42.4 S – 40.59.8 W, 1.42 minutes, 9 degrees above horizon

7.10 UTC: 62.22.3 S – 39.48.0 W, 1.44 minutes, 11 degrees above horizon

### **Day 11: Northward bound**

There may be sea ice on this route, and at the edge of the ice some south polar skuas and snow petrels could join the other seabirds trailing the vessel north.

## **Days 12 – 14: South Georgia journey**

Today you arrive at the first South Georgia activity site. Please keep in mind that weather conditions in this area can be challenging, largely dictating the program.

You may visit the following sites over the next few days:

**Cooper Bay** – A Zodiac cruise in Cooper Bay offers a great opportunity to see macaroni penguins below a large rookery. Numerous fur and elephant seals are found on the beach, while majestic light-mantled albatrosses can be seen gracefully gliding above.

**Grytviken** – In this abandoned whaling station, king penguins walk the streets and elephant seals lie around like they own the place – because they basically do. Here you might be able to see the South Georgia Museum as well as Shackleton’s grave.

**Fortuna Bay** – Near beaches inhabited by various penguins and seals, you have the chance to follow the final leg of Shackleton’s route to the abandoned whaling village of Stromness. This path cuts across the mountain pass beyond Shackleton’s Waterfall. The terrain is partly swampy so be prepared to cross a few small streams.

**Salisbury Plain, St. Andrews Bay, Gold Harbour** – These sites not only house the three largest king penguin colonies in South Georgia, they are also three of the world’s largest breeding beaches for southern elephant seals. Only during this time of year do they peak in their breeding cycle. Watch the four-ton bulls keep a constant vigil (and occasionally fight) over territories where dozens of females have just given birth or are about to deliver. You can also see a substantial number of Antarctic fur seals here during the breeding season (December – January).

## **Days 15 – 16: Once more to the sea**

On the way from South Georgia to the Falklands, you recross the Antarctic Convergence. The temperature gradually changes, and nutritious water rises to the surface of the sea due to colliding water columns. This phenomenon sometimes attracts a multitude of seabirds near the ship, including several species of albatross, shearwaters, petrels, prions, and skuas.

## **Day 17: Port Stanley, Falkland Islands**

We will arrive in Port Stanley, the capital of the Falklands and center of its culture. Port Stanley offers a little Victorian-era charm: colorful houses, well-tended gardens, and English-style pubs are all found here. You can also see several century-old clipper ships nearby, silent witnesses to the hardships of 19th century sailors. The small but interesting museum is also worth a visit, covering the early days of settlement up to the Falklands War. Approximately 2,100 people live in Port Stanley. Feel free to wander at will, though be aware that admission fees to local attractions are not included in the voyage.

## **Day 18: The Falkland Islands**

The Falkland (Malvinas) Islands offer an abundance of wildlife that is easily approachable, though caution is always advised. These islands are largely unknown gems, the site of a 1982 war between the UK and Argentina. Many species of birds live here, and you may see both Peale’s dolphins and Commerson’s dolphins in the surrounding waters.

## **Day 19: The winged life of the westerlies**

Several species of albatross may follow the vessel toward Ushuaia, along with storm petrels, shearwaters, and diving petrels.

## **Day 20: Arrive Ushuaia & Depart for Home**

Every adventure, no matter how grand, must eventually come to an end. It’s now time to disembark in Ushuaia, but with memories that will accompany you wherever your next adventure lies.

Call Taunya for reservations! Phone (800) 252-4910 or Email: [betcharttaunya@gmail.com](mailto:betcharttaunya@gmail.com)  
Betchart Expeditions Inc. - 17050 Montebello Road - Cupertino, CA 95014

## COSTS & CONDITIONS

**Voyage Fees:** Are per person twin, triple, or quad share (depending on cabin category), cruise only, for 20 days/19 nights onboard *M/V Janssonius*. Air fare and land arrangements are additional.

Prices are per person based on quad, triple, or twin share + air + pre/post hotel nights:

___ Quad Porthole	\$16,400 PP, based on 4 per cabin (upper & lower beds, 2 portholes)
___ Triple Porthole	\$17,900 PP, based on 3 per cabin (upper & lower beds, 2 portholes)
___ Twin Porthole	\$19,800 PP, based on 2 per cabin (2 single beds, 2 portholes)
___ Twin Window	\$20,600 PP, based on 2 per cabin (2 single beds, 1 window)
___ Twin Deluxe	\$22,100 PP, based on 2 per cabin (2 single beds, sofa, 2 windows, fridge, coffee maker)
___ Superior Cabin	\$23,700 PP, based on 2 per cabin (1 double bed, sofa, 2 windows, fridge, coffee maker)
___ Junior Suite	\$25,400 PP, based on 2 per cabin (1 double bed, 1 double window, fridge, coffee maker)
___ Grand Suite	\$29,150 PP, based on 2 per cabin (1 double bed, sofa, double window, private balcony)

**Singles:** We encourage singles to register on a “twin share” basis or book in a quad or triple. Should you desire single accommodations, the supplement is 1.7 x the Twin or Superior Cabin rate; the supplement for a Suite category is 200%.

**Expedition Fee Includes:** 19 nights accommodations on board ship; meals throughout the voyage aboard the ship including snacks, coffee and tea; shore excursions and activities throughout the voyage by Zodiac; use of rubber boots and snowshoes; program lectures by naturalists; leadership, and administration.

### **Expedition Fee Does Not Include:**

Air fare to Ushuaia, Argentina, roundtrip; pre voyage night in Ushuaia November 24, 2021; pre- and post-voyage transfers or tours; passport and visa expenses; government arrival and departure taxes; fuel surcharges; meals ashore; baggage, cancellation and personal insurance (which is mandatory); airline baggage charges and all items of a personal nature such as laundry, bar, beverage charges and communication charges; the customary gratuity to ship’s crew and naturalists (guidelines will be provided); other items of a personal nature.

**What to Expect:** This expedition is planned for the travel enthusiast who would enjoy seeing the Total Solar Eclipse while exploring Antarctica, South Georgia and the Falkland Islands aboard the newly built Polar Class 6 ship. The typical low and high temperatures in November/December are 24°F to 42°F on the Antarctic Peninsula, and the weather can change rapidly. This expedition is physically demanding and you should be in general good health and able to walk short distances over muddy, wet, icy, uneven and rough terrain. Since you are traveling to a remote area without access to sophisticated medical facilities you must not join this expedition if you have a life-threatening condition. You may encounter rolling seas and wind while crossing the Drake Passage. *There are excellent prospects for seeing the Total Eclipse though it may be obscured by fog or clouds.* Our goal on this itinerary is to see the Total Eclipse, but please keep in mind the polar regions are known for their unpredictability. There’s always the chance overcast skies may hinder visibility and that adverse conditions may alter the pre-planned route. The ship’s captain has the final word on any decision made with regard to the vessel’s itinerary, and it is understood that such decisions will be made in the interest of the safety of the vessel and all passengers on board. With this in mind, you will have a once-in-a-lifetime voyage of discovery and adventure.

**Leadership:** Representing Betchart Expeditions and the Planetary Society on the expedition will be astronomer Dr. Tyler Nordgren. Tyler hails from Alaska where he spent his youth, and looks forward to sharing his enthusiasm for the night skies with you. He has led many Planetary Society Alaska Aurora Borealis Expeditions since 2016, and was on the lecture team on the Atlantic Crossing Total Solar Eclipse Expedition in 2013. Tyler led the Chile Eclipse trip in 2019, and will lead the Argentina Eclipse trip in 2020. Tyler received his Ph.D. in Astronomy from Cornell University.

His book, "Stars Above, Earth Below: A Guide to Astronomy in the National Parks," was funded in part by a grant from The Planetary Society with which he worked to create the three sundials on each of NASA's most recent Mars rovers. His book, Sun Moon Earth, explores the history of solar eclipses in preparation for the All America Total Solar Eclipse in 2017. A selection of his eclipse art is now available at the National Air and Space Museum on line. An avid photographer, Tyler will provide photography hints as well as information about the Total Solar Eclipse.

**M/V Janssonius:** *M/V Janssonius* being built by our colleagues at Oceanwide Expeditions so you can discover first hand the world's most remote regions without disrupting its delicate balance of wilderness and wildlife. It will be the newest Polar Class 6 ship being built for polar voyages. It will be completed in 2021. The 174-passenger ship has hotel comfort, and a cozy and informal atmosphere. It will come equipped with a number of advanced systems and features specifically designed for safe, swift, and flexible polar voyages. She will have a protected indoor Zodiac loading area, with two separate gangways to facilitate ship-to-shore operations. Her stern and bow thrusters will also enable *Janssonius* to drift or remain comfortably stationary. The observation lounge complete with a separate lecture room is designed for hosting a wide range of engaging, interactive lectures and presentations. She will be powered by two main engines delivering 4,200 kW, and speeds up to 15 knots. The propulsion system will include an adjustable pitch propeller, flexible power management, and a shaft generator as opposed to a diesel-driven generator. This will keep her at the lowest fuel consumption and carbon dioxide emission possible. Her other environmental features include LED interior and exterior lighting, biodegradable paints and lubricants, steam heating that uses a minimum of electricity, and waste heat that will be reused for the production of fresh water. Passengers who sail on *Janssonius* will experience the polar regions as much as possible while impacting them as little as possible.

\*\*\*\*\*

**Reservations, Deposits & Payments:** Please contact **Betchart Expeditions Inc.** to reserve a space: Telephone: (408) 252-4910 (international calls) or (800) 252-4910 (USA), Fax: (408) 252-1444 Email: [betchartaunya@gmail.com](mailto:betchartaunya@gmail.com)

Deposit of 25% of voyage fare is due to confirm your space.

Full Payment is Due at Betchart Expeditions Inc., 17050 Montebello Road, Cupertino, CA 95014 **no later than June 15, 2021** (5 months prior to departure). **Full Payment by Check or Bank Wire payment only.**

**Cancellations & Refunds:** Cancellations received 150 days prior to departure will be fully refunded less an administrative fee of 25% of the applicable cabin rate per person. Within 149 days of departure there is no refund for any cancellation. Trip cancellation insurance will be offered and is highly recommended. No refunds are made for unused services. All requests for cancellation must be made in writing.

**Insurance.** The ship's operator, Oceanwide Expeditions, requires that all travelers have Emergency Evacuation Insurance for this Antarctica voyage in the unlikely case of a medical evacuation/repatriation.

**Health:** This expedition is physically demanding and you should be in general good health and able to walk short – medium distances over uneven and rough terrain. Since you are traveling to a remote area without access to sophisticated medical facilities you must not join this expedition if you have a life-threatening condition.

-----

**RESERVATIONS**

#1610

**YES! I/We want to join the *Antarctica Total Solar Eclipse Voyage onboard the M/V Janssonius, November 23 – December 15, 2021*, offered by Betchart Expeditions Inc and The Planetary Society.**

Please reserve \_\_\_\_\_ space(s) and includes a deposit of \$ \_\_\_\_\_ (25% of the applicable voyage fare) payable to Betchart Expeditions Inc. Trust Account. I/we understand full payment is due no later than June 15, 2021 by check or bank wire.

Name(s) \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_

\_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone: Home (\_\_\_\_) \_\_\_\_\_ Work or Cell (\_\_\_\_) \_\_\_\_\_

Email #1: \_\_\_\_\_ #2: \_\_\_\_\_

Membership (please circle): AAAS    Sigma Xi    ACS    Planetary Society

**Accommodations Preference:**

Prices are per person based on quad, triple, or twin sharing 1 room + air + pre/post night arrangements:

- \_\_\_ Quad Porthole    \$16,400 PP, based on 4 per cabin (upper & lower beds, 2 portholes)
- \_\_\_ Triple Porthole    \$17,900 PP, based on 3 per cabin (upper & lower beds, 2 portholes)
- \_\_\_ Twin Porthole    \$19,800 PP, based on 2 per cabin (2 single beds, 2 portholes)
- \_\_\_ Twin Window    \$20,600 PP, based on 2 per cabin (2 single beds, 1 window)
- \_\_\_ Twin Deluxe    \$22,100 PP, based on 2 per cabin (2 single beds, sofa, 2 windows, fridge, coffee maker)
- \_\_\_ Superior Cabin    \$23,700 PP, based on 2 per cabin (1 double bed, sofa, 2 windows, fridge, coffee maker)
- \_\_\_ Junior Suite    \$25,400 PP, based on 2 per cabin (1 double bed, 1 double window, fridge, coffee maker)
- \_\_\_ Grand Suite    \$29,150 PP, based on 2 per cabin (1 double bed, sofa, double window, private balcony)

For solo travelers: \_\_\_ Single Occupancy, or \_\_\_ Share with a friend, or \_\_\_ assign a roommate(s)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Responsibility:** Betchart Expeditions Inc. acts only as agent in booking passengers on this cruise program and with respect to transportation and hotels, and exercise every care possible. Operation of the ship is solely the responsibility of Oceanwide Expeditions, Betchart Expeditions Inc. acts only as agent for the suppliers providing air and other transportation and land services and assumes no responsibility, however caused, for your personal or property loss or damage in connection with any service. Betchart Expeditions Inc. can assume no liability for injury, damage, delay, loss, accident or irregularity in connection with the services of any airplane, ship, motorcoach, or any other conveyance used in carrying out the arrangements of the tour. We cannot accept any responsibility for losses or additional expenses due to delay or changes in air or other services, sickness, weather, strike, war, terrorism, quarantine, acts of God, or other causes beyond our control. All such losses or expenses will have to be borne by the passenger, as tour rates provide for arrangements only for the time stated. We reserve the right to substitute another leader of similar expertise, alternate ship, or to cancel any tour prior to departure in which case the entire payment will be refunded with no further obligation on our part. The right is also reserved to decline to accept or retain any person as a member of the tour. No refund will be made for the unused portion of any tour unless arrangements are made in sufficient time to avoid penalties. The price of the program is based on current tariffs and rates, and is subject to change. Any tariff, exchange rate, or fuel increases will be passed on to participants. Baggage is carried at the owner's risk entirely. It is understood that the air ticket when issued shall constitute the sole contract between the passenger and the airline concerned. The airlines concerned are not to be held responsible for any act, omission, or event during the time passengers are not on board their plane or conveyance. ©2020 Betchart Expeditions Inc. preliminary 1/30/20. All rights reserved. Prices quoted are based on group participation, and no refunds will be made for any part of the program in which passengers choose not to participate, including any optional excursions (if applicable and which at the discretion of the captain and expedition leader may or may not be utilized). It should be understood that refunds will not be made to passengers who do not complete the tour for any reason whatsoever. Oceanwide Expeditions (Operator hereafter) reserves the right to cancel any departure due to insufficient reservations up to eight weeks before the date of departure (passengers may be offered alternative cruise dates). Operator also reserves the right to cancel any departure up until the date of that departure due to force majeure, compelling reason, or other circumstances beyond the control of Operator that prevents the operation of the tour (this also includes governmental and administrative decisions). Operator or its agents are not responsible for any costs or penalties relating to air transport or other services that are cancelled. Operator is not liable for failure to provide the services or accommodations offered to the extent that such services or accommodations cannot be provided due to force majeure, delay in vessel completion, or other circumstances beyond its control. Passengers and staff members who participate in tours, operated by Operator, agree that any photographs or video, that include their person, may be used by Operator and its associates for promotional purposes. Passengers may not charge for their appearance in any photographs or video. By forwarding a deposit the passenger certifies that he/she does not have any mental, physical or other condition or disability that would create a hazard for him/her or other passengers. Operator reserves the right to cancel or withdraw any person as a member of a tour at any time. By purchasing this product you accept the above Terms and Conditions. In case you disagree to any of the Terms and Conditions of Operator you will not be able to take part in the expedition cruise. Eclipse photo courtesy of David Morrison, other photos courtesy Oceanwide Expeditions.