



THE REAL NORTH POLE EXPEDITION

A New First In the Exploration of our Planet



**DEEP
OCEAN
EXPEDITIONS**

**P.P. Shirshov
Institute of
Oceanology**

Submersible Dive to the Real North Pole

There are places on our planet so remote that their very isolation has inspired generations of explorers to make voyages of adventure and discovery in search of them.

Deep Ocean Expeditions (DOE) is currently planning to undertake The Real North Pole Expedition in late August 2006. Embracing the true spirit of adventure, its goal is a notable geographic 'first' in the exploration of our planet. We will go to a place where no human has gone before and explore the real North Pole, more than 14,000 feet below the polar ice cap.

There have been disputes and conflicts over who got there first. But one could argue that, no matter who did it, the real North Pole is not a point on the ever-changing ice pack. It is in fact far below, on the floor of the deep, unexplored Amundsen Plain, in the middle of the Arctic Ocean - the least known of all the oceans on our planet.

The Real North Pole Expedition is not just a 'first' in the history of planetary exploration, it is also one of the 'lasts' - for there are few geographically notable locations on Earth that have yet to be visited by humans.

Expedition Overview

This once-in-a-lifetime expedition will not be content with merely reaching the surface ice at 90° North. DOE proposes to descend to the real North Pole, a dark and mysterious place never before visited by humans.

Our voyage begins in Murmansk, Russia. Our chartered ship is a nuclear-powered icebreaker. One of five sister ships, she has the power to negotiate the most challenging ice of the Arctic Ocean.

Accompanying us will be an ice-strengthened submersible support ship. She is carrying the two Mir submersibles, their support equipment and operating personnel.

From Murmansk we will head north through dense, multi-year pack ice to the North Pole. Navigating the ice pack at speeds up to 12 knots, we soon enter an ever-changing panorama of wind-polished ice, narrow channels of dark green water and aquamarine pools. And we are tempted by the possibility of sighting polar bears close aboard.

Upon reaching the North Pole there will be a brief arrival celebration. Meanwhile, aboard the submersible support ship the Mir team prepares to start diving operations. Deployment and recovery of the Mirs is a spectacle in itself, and has never before been attempted in a polar environment. Divers and non-divers alike will have a unique photo opportunity as the submersibles are launched and recovered.

Our focus here is to make history as we tackle logistic challenges and dive our manned Mir submersibles to the ocean floor - approximately 14,500 feet (4,400 meters) below the surface. If we are successful, a new chapter will be added to the long history of human polar endeavors - the final attainment of the 'real' North Pole.



If all goes to plan our dive operations should be completed after about five days at the North Pole. From there we return south to Murmansk, retracing our path through the ever-changing pack ice.

As we return to our homes and 'normal life', we will recall those previous attempts and successes to conquer the Pole. They involved much more physical hardship and determination than we endured on our expedition. What we have done in no way detracts from their splendid accomplishments but we also know that our achievement was unique and beyond the wildest imagination of earlier generations of polar explorers. It was a thrilling adventure, never attempted before, and one made possible through using the most modern technology.

A Brief History of North Pole Exploration



The ancient Greeks believed there was a continental landmass surrounding the North Pole. It was not until the late 1900s that this was disproved.

The quest to conquer the North Pole began in June 1827, when William Parry, an accomplished officer of the British Royal Navy, set out from Spitsbergen with two teams of 14 men, provisions for 71 days, and specially constructed boats that doubled as sledges. Hauling them across the frozen horizon, Parry and his men struggled through the ice. Because it was summer, the ice was moving south at a faster rate than they were able to proceed northward. They gave up on their goal two months later, after having traveled 172 miles north to latitude 82°75' North, a record that would stand for decades to come.

The next major Arctic figure, Fridtjof Nansen, was a six-foot, blonde, blue-eyed Norseman of magnificent physique, who had steely will-power and organizing ability. His idea was to build a small, strong ship able to withstand the crushing pressures of the ice pack and drift with the Polar current rather than fight against it. Named *Fram* ("forward" in Norwegian), the sturdy vessel lived up to its expectations.

As their drift mission approached the Pole, Nansen realized *Fram* would not pass through it. So he and Hjalmar Johansen left the ship in March 1895 and dog-sledged to a new farthest north of 86°22' North on April 8th. They turned back after realizing the moving ice pack was taking them away from the Pole at a rate faster than they could move over it. Nonetheless, Nansen had made it within 200 miles of the North Pole and had proved there was no landmass at the top of our planet.

Their return trip was fraught with dangers. Having spent the winter in an improvised hut on Franz Josef Land they stumbled upon the English explorer Jackson, whose relief ship transported them back to Norway. There they joined their returning shipmates from *Fram* which had successfully completed its drift mission across the Arctic Ocean from western Siberia.

It was not until the early 20th Century that explorers finally reached the North Pole, and even this remains uncertain. In 1909 Robert Peary announced that he and his party had reached the Pole on April 6th. They had covered 413 miles, remained there for 30 hours, and raced back to their starting point. After three attempts over several years, this was the final fulfillment of Peary's lifelong dream. However, his claim met controversy, much of it focused on the accuracy of his navigation.

To complicate matters, Dr. Frederick Cook claimed to have reached the Pole a year earlier. However, in the telling of Cook's story several navigational discrepancies were apparent

and scientists of the time accepted Peary's claim over Cook's. In recent years, reinvestigation of Peary's expedition has led many to conclude that he got close but did not reach the Pole.

Another polar controversy still swirls over the claim by Commander Richard Byrd that he and co-pilot Floyd Bennett overflew the Pole on May 9, 1926. According to their reports, they took off from Spitsbergen in a Fokker trimotor, reached the Pole and returned the same day. Critics in recent years have questioned the limits of the plane's performance. Three days after Byrd's flight a dirigible airship *Norge* passed over the Pole on a 70-hour flight from Spitsbergen to Alaska. The expedition was led by Roald Amundsen and Lincoln Ellsworth, and was piloted by *Norge's* Italian designer, Umberto Nobile.



The next major exploration of the Pole was underwater in 1958 when the US Navy's *Nautilus*, the world's first nuclear submarine, passed under the North Pole. It had crossed the Arctic Ocean submerged from Alaska to Greenland in an historic four-day trek under the August ice. Subsequently nuclear submarines from the US, British and Soviet navies have made hundreds of trips under the Arctic Ocean, many surfacing at the North Pole.

In April 1969 Sir Wally Herbert led a four-man dogsled expedition from Point Barrow, Alaska and continued across the Arctic Sea to Norway. He covered more territory than any other surface crossing to the Pole. It took him 14 months and 2,000 kilometers in an admirable feat of exploration, and many polar experts believe that this was probably the first overland expedition to reach the North Pole.

It was 1977 when the Soviet Union's *Arktika*, a nuclear-powered icebreaker, became the first surface ship to navigate the Arctic ice to the North Pole.

The final great exploration at the North Pole will be a submersible expedition to the real North Pole, 14,400 feet deep below the ice. Deep Ocean Expeditions is planning to undertake this expedition in late August, 2006.

The Mir Submersibles & The North Pole

The first ever dives to the real North Pole employ Mir 1 and Mir 2, Russian submersibles capable of reaching ocean depths of 20,000 feet (6,000m). They are capable of reaching 97 percent of the world seafloor.



On this expedition the Mirs will be carried aboard an icebreaking support ship and escorted by a nuclear icebreaker. The Mirs ("peace" in Russian) are part of a group of only four manned deep-diving submersibles capable of diving to 20,000 feet. Their nickel-steel personnel spheres are designed to withstand the enormous pressures found at great depths (more than three tons per square inch at 14,000 feet).

The Mirs have a length of 25 feet (8 meters), and the pressure hull interior is 7 feet (2.1 meters) in diameter, accommodating one pilot and two passengers. The submersibles lack traditional toilet facilities, but a special pre-dive diet will help keep you comfortable during your dive. Air pressure inside the cabin remains at a constant one atmosphere with the air being recycled in a manner similar to that used on board spacecraft.

During the dive there will be a temperature drop inside to approximately 54°F or 12°C and some slight internal condensation.

The Mirs are safe and relatively spacious submersibles, equipped with three viewports, exterior lights and an impressive array of instrumentation. They are well engineered, immensely strong and impeccably maintained, and together the Mirs have made many hundreds of deep dives.

The Mir submersibles were used by film director James Cameron for his Hollywood epic 'Titanic' as well as for many other major documentary productions. Because they dive as a pair, the Mirs can employ filmmaking techniques that cannot be accomplished by a submersible working alone.



The Mirs were built in Finland in 1987, and are owned and operated by the renowned Shirshov Institute of Oceanology of the Russian Academy of Sciences. They are inspected yearly by German Lloyd, a leading ship and submersible classification bureau. The classification rules require periodic reconstruction of these submersibles, the last one being in 2004.

Mir Technical Specifications

Type of vessel	Deep-diving submersible.
Built	1987 in Finland.
Owner/operator	P.P. Shirshov Institute of Oceanology, Russian Academy of Sciences.
Size	Length: 7.8 m / 25.6 ft Breadth: 3.6 m / 11.8 ft.
Dry weight	18,600 kg.
Number on board	3 people (1 pilot, 2 passengers).
Number of voyages	Over 450 deep dives each; over 40 to the Titanic.
Maximum speed	5 knots.
Last overhaul	2004.
Frequency of inspection	Annual, by German Lloyd, a leading ship and submersible classification bureau.

Your Dive

Prior to diving you will be briefed on dive procedures and are invited on an orientation visit to the inside of a Mir while it is on the ship's deck. These two events will help prepare you for your dive and address any specific questions you may have.



On the day of your dive, following a pre-dive briefing and photographs of you and your pilot in front of your Mir, you will enter the submersible with your pilot and fellow observer. The support ship's onboard crane will lift the Mir into the cold waters of the Arctic Ocean. After final pre-dive testing, ballast water will be pumped into the tanks and you will begin to descend at a rate of about 100 feet (31m) per minute.

Three acrylic portholes, each 7 inches thick, will be your window to the undersea world. By about 800 feet (250m), all traces of sunlight will be gone and you will be

immersed in total darkness. To conserve power, the Mir submersibles run without external lights. However, the pilot will occasionally switch them on to observe passing marine life. Even in the darkness, the ocean is alive. Be sure to look for tiny bioluminescent creatures, whose glowing characteristics require no lights to be seen.

By 4,000 feet (1,240m), the interior of the Mir will start to cool and you may want to don the extra clothing you brought along. Topside, your support ship (with our underwater acoustic telephone we are never out of voice contact) will help navigate the Mir to the ocean floor at the North Pole, at a depth of approximately 14,500 feet (4,400m).

After landing on the seafloor it will be lit by the submersible's powerful lights. Soon the other Mir will join you and its lights will help increase the area visible outside. Outside video and still cameras will record the area, while samples of marine life and other data are collected.

As this is a true exploratory expedition, we cannot say what we will find at the North Pole dive site until we go there. Very little is known about the geology and ecology of the polar deeps, and nobody has ever visited the seafloor in the North Pole region.

Towards the end of your dive, your pilot will use the previously deployed acoustic transponders to navigate back to the ocean surface. On surfacing, the Mirs are quickly lifted back onboard and your accomplishment is greeted with suitable celebrations.

The number of participants will be limited, and the order of dive participants will be determined in advance based on the time of booking. That sequential list of divers will be strictly adhered to but we cannot, in any way, guarantee in advance the number of ultimately successful dives to the polar depths.

Those who are non-divers should understand that we will spend a least six days at the pole. DOE will endeavor to provide a variety of activities each day but it should be kept in mind that the primary goal of this expedition is the diving program. This will not be the 'typical' North Pole expedition cruise.

While we have superb equipment and professional pilots and support personnel, the task is complex and weather, ice and technical factors may intervene.

Therefore all diving participants in the North Pole expedition must accept in writing as part of their booking that they are aware of, and accept, that while all reasonable efforts will be made to complete the dive program the project organizers reserve the right to terminate the dive program at any time based solely on their judgment, which is not open to challenge. Your safety will always be paramount.

Expedition Members



Dr Anatoly Sagalevitch
Expedition Leader,
Chief pilot of Mir
submersibles and
renowned scientist.



Don Walsh
Oceanographer,
explorer and former
US Navy submariner.



Belinda Sawyer
General Manager and
Expedition co-
ordinator for Deep
Ocean Expeditions.



Rob McCallum
Expedition Leader
for Deep Ocean
Expeditions



Peter Batson
Marine Scientist for
Deep Ocean
Expeditions



Mike McDowell
Explorer, adventurer
and founder of Deep
Ocean Expeditions.

Support Vessels

The Real North Pole Expedition comprises two large ships: a nuclear ice breaker and a submersible mothership.

Nuclear Icebreaker

Deep Ocean Expeditions will use a nuclear-powered icebreaker to undertake the Real North Pole Expedition scheduled for August 2006. It is likely we will use one of five sister ships in the Arktika Class of icebreaker. These are some of the world's most powerful and sophisticated ships, equipped with a displacement of 23,000 tons, 75,000 total horsepower and a 48mm thick armor steel icebreaker hull.

Operated by the Murmansk Shipping Company, these working vessels keep shipping lanes open along Russia's Northern Sea Route across the top of Siberia. These ships meet the challenges of traversing the heaviest ice with ease. In a different role, they have taken adventurous travelers to the North Pole since 1993.

Quality Accommodation

The icebreaker accommodates passengers in comfortable outside cabins and suites, all with private facilities, large windows, desk, television and other comforts. Public areas include a large dining room (accommodating all passengers in one seating), library, lounge, theatre style auditorium, volleyball court and gymnasium, heated indoor swimming pool and sauna. Views are excellent from the navigation bridge (where we are almost always welcome) and the large open decks on several levels. These ships each contain a small infirmary.

Excellent European Cuisine

Western master chefs present an excellent, varied, international menu with fine provisions from around the world. A combination of western and experienced Russian staff will serve you aboard.

Unique Helicopter Excursions

Essential for navigation in the ice, the icebreaker carries a helicopter for reconnaissance and passenger excursions. The aerial views of polar landscapes and of our ship as it crashes through meters-thick ice are unique features of the expedition. Photography from the helicopter in flight is relatively easy.

In addition, the ship carries Zodiac inflatable boats which we may use if ice conditions allow. Widely used in expedition cruises, these rugged, versatile boats are extremely safe.

Technical Information

Icebreakers break ice by ramming it with a massive 'ice knife' fixed to the ship's bow. Assisting are an air bubbling system, hot water from jets below the surface, slick polymer coatings on the hull and the ability to make rapid side-to-side



movement of ballast water. Ice may be broken while moving ahead or astern. The vessel will be equipped with the latest satellite navigation and communication equipment, including telephone, telex and fax.

Expedition Staff, Officers and Crew

Our icebreaker will be staffed by an experienced crew. With the world's largest and most modern fleet of icebreakers, the Russians are recognized experts in polar operations. The expedition will be directed by an expedition leader and Deep Ocean Expeditions staff chosen for their polar knowledge and operating experience.

Submersible Mother Ship

On this unique expedition we will have a second vessel with us - the mother ship for the twin submersibles, Mir 1 and Mir 2. This vessel will also house the 24 members of the submersible team, including pilots and support personnel.

The submersible mother ship was chosen for its heavy cranes, which have sufficient lifting capacity to launch and retrieve the submersibles once at the North Pole. This ship will follow in the path of our icebreaker, which enables the mother ship to pass through the heavy ice of the Arctic Ocean.

During the expedition, divers and non-divers alike will have the opportunity to visit the submersible mother ship, enabling them to view firsthand the launch and recovery of the submersibles - an experience in itself.

Visit Us Online



- Itineraries
- FAQs
- Links to related sites
- Reading Lists
- Video Clips
- Expeditions News
- Latest Updates

SUBMERSIBLE DIVE TO THE REAL NORTH POLE



A NEW FIRST IN THE EXPLORATION OF OUR PLANET

There are places on our planet so remote that their very isolation has inspired generations of explorers to make voyages of adventure and discovery in search of them. One such place is the North Pole.

Deep Ocean Expeditions (DOE) is currently planning to undertake *The Real North Pole Expedition* in late August 2006. Embracing the true spirit of adventure, its goal is a notable geographic 'first' in the exploration of our planet. We will go to a place where no human has gone before and explore the 'real North Pole', more than 14,000 feet below the polar ice cap.

There have been disputes and conflicts over who got there first. But one could argue that, no matter who did it, the real North Pole is not a point on the ever-changing ice pack. It is in fact far below, on the floor of the deep, unexplored Amundsen Plain, in the middle of the Arctic Ocean - the least known of all the oceans on our planet.



The *Real North Pole Expedition* is not just a 'first' in the history of planetary exploration, it is also one of the 'lasts' - for there are few geographically notable locations on Earth that have yet to be visited by humans.

THE NORTH POLE DIVE

Prices & What's Included

Cost For Divers:

The anticipated cost of this expedition will be \$80,000USD for dive plus approx for cruise fare \$15,000USD.

Cost For Non-Divers:

Cruise fare from approx \$10,000USD.

- Voyage aboard a nuclear icebreaker as indicated in the itinerary.
- Hotel accommodations in a shared twin room for two with breakfast.
- Program of lectures by noted scientists and leadership provided by experienced expedition staff.
- All meals aboard ship.
- Comprehensive pre-departure materials & Arctic handbook
- Transfers and baggage handling between the hotels, airports and ship for those traveling on the group flights.
- All miscellaneous service taxes and port charges throughout the program.

Not Included

Any airfare, whether on scheduled or charter flights; passport and visa expenses; government arrival and departure taxes; meals ashore and supplement for single hotel accommodation; baggage, cancellation and personal insurance (which is strongly recommended); excess baggage charges and all items of a personal nature such as laundry, bar and beverage charges and telecommunication charges; and the customary gratuity at the end of the voyage for the stewards and others who have served you aboard (guidelines will be provided). Optional North Pole Dive aboard MIR I or MIR II

All participants in submersible dives to the ocean floor at the Pole will have to pay an extra premium for that privilege as indicated in the price section on this page. The number of participants will be limited, and the order of dive participants will be determined in advance based on the time of booking. That sequential list of divers will be strictly adhered to, but we cannot, in any way, guarantee in advance the number of ultimately successful dives. All participants in our North Pole dives must accept this condition in writing as part of their booking.

REISEANMELDUNG

für die Reise (Titel, gegebenenfalls Nr.)

Termin (von - bis)

Preis pro Person

1. Teilnehmer

Nachname

Vorname

Geburtsdatum

Paßnummer

Straße + Nr.

PLZ + Wohnort

Land

Telefon/ Fax-Nummer

2. Teilnehmer

Nachname

Vorname

Geburtsdatum

Paßnummer

Straße + Nr.

PLZ + Wohnort

Land

Telefon/ Fax-Nummer

* weitere Teilnehmer bitte auf gesondertem Blatt angeben

gewünschte zusätzliche Leistungen bitte aufführen:

Leistung	Preis pro Person
(Flug)	
(Hotels)	
(Versicherung)	
(Sonstiges)	

* weitere Leistungen bitte auf gesondertem Blatt angeben

Nach den bestehenden Reiserechtrichtlinien sind wir verpflichtet, Sie auf die Abschlußmöglichkeit einer Reise-Krankenversicherung mit Rücktransport (die gesetzlichen Krankenkassen dürfen diese Kosten nicht erstatten) und einer Reise-Rücktrittskosten-Versicherung hinzuweisen. Falls Sie keinen passenden Reiseschutz buchen, tragen Sie die Kosten eines Kranken-Rücktransportes sowie Storno- und zusätzliche Hinreisekosten selbst.

Die Agentur für Erlebnis-Reisen handelt als Sales Agent (direkte vom Veranstalter genehmigte Verkaufsagentur) für und auf Rechnung der Veranstalter DEEP OCEAN EXPEDITIONS, 64b Sunninghill Ave., Burradoo, NSW 2576, Australia. Mit der schriftlichen Anmeldung des Kunden auf den Anmeldeformularen von DEEP OCEAN EXPEDITIONS wird ein Reisevertrag zwischen dem Kunden DEEP OCEAN EXPEDITIONS wirksam. Dem Reisevertrag und der Reiseleistung liegen ausschließlich die Vertragsbedingungen des Veranstalters DEEP OCEAN EXPEDITIONS sowie dessen Leistungsbeschreibungen zugrunde. Zwischen dem Kunden und der Agentur für Erlebnis-Reisen kommt ausschließlich ein sogenannter Geschäftsbesorgungsvertrag zustande, im Rahmen dessen sich die Agentur für Erlebnis-Reisen verpflichtet, die gewünschte Vermittlung ordnungsgemäß und sorgfältig vorzunehmen. Die Vertragsbedingungen des Veranstalters habe ich zur Kenntnis genommen und verstanden. Ich erkenne sie, ebenso wie die Beförderungsbedingungen der beteiligten Verkehrsträger (z.B. Airlines) und Leistungsbedingungen weiterer Leistungsanbieter (z.B. Hotels) und Versicherer, für welche die Agentur für Erlebnis-Reisen in jedem Fall nur als Vermittler auftritt, als verbindlich an. Diese Reiseanmeldung wird durch meine Unterschrift verbindlich. Hiermit erkläre ich, daß ich für die Verpflichtungen der mitangemeldeten Teilnehmer wie für meine eigenen einstehe.

Ort

Datum

Unterschrift des Anmeldenden



Please attach two passport photographs here

PERSONAL INFORMATION / APPLICATION FORM

IMPORTANT: The information requested in this form will be used to complete passenger manifests and satisfy various government requirements. Please complete one form per participant, along with a photo.

SECTION 1

I hereby apply to participate in the following program or expedition offered by DEEP OCEAN EXPEDITIONS (DEEP OCEAN EXPEDITIONS):

Program/Expedition Name:

Dates:

Name as it appears on passport:
(first) (middle) (last)

Preferred name for on-board name badge:

Preferred name for participant list:

Address:

City: State: Zip code: Country:

Telephone (home): (office):

Fax (home): (office):

Email:

Date of Birth: Country of Birth: Occupation:

IMPORTANT: Passport must be valid until DECEMBER 31, 2003.

PLEASE PROVIDE AN EMERGENCY CONTACT FOR OUR FILES:

Name: Relationship:

Full address:

Telephone (home): (office)

Fax (home): (office)

Email:

PASSPORT DETAILS:

Mr/Mrs/Miss (or other title)	Surname (as shown on passport)	All other names (as shown on passport)

Place of Birth	Nationality	Passport Number & Place of Issue	Date of Issue/ Date of expir. (dd/mm/yy)
		No: Place:	Issue: Expiry:

HEALTH/DIETARY INFORMATION:

Participant on this expedition requires that you be in generally good health. You will be required to sign a medical information/certificate form.

SECTION 2

By completion of this form you certify that you have read and understood the Terms & Conditions as outlined in the brochure for this program and agree to abide by them. You also certify that you do not have any physical condition or disability that would create a hazard for you or other passengers. Deep Ocean Expeditions reserves the right to decline to accept or retain you or any other passenger should your health, actions, or general deportment impede the operations of the expedition or the right, welfare or enjoyment of other passengers.

Signature:Date:

RESPONSIBILITY: All tickets, hotel accommodations and exchange orders are issued subject to any and all terms and conditions under which means of transportation or other services are offered or provided, and the issuance and acceptance of such tickets, vouchers, hotel accommodations and exchange orders shall be deemed to be consent to the further condition that Deep Ocean Expeditions shall not be or become liable or responsible in any way in connection with such means of transportation or other services for any loss, injury or damage to or in respect of any person or property however caused or arising.

PROGRAM RELEASE OF LIABILITY AGREEMENT

DEEP OCEAN EXPEDITIONS, LTD.

WARNING: By signing this release, you give up your right to sue

DATE _____ 20 _____
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP CODE _____
COUNTRY _____

Attention:

PLEASE READ CAREFULLY. If you are unsure about any of the language below, you may wish to consult an attorney before you initial and sign the following liability release.

(Initial)

_____, I, _____, acknowledge that I have voluntarily applied to participate in this adventure arranged by DEEP OCEAN EXPEDITIONS LTD. (Deep Ocean Expeditions), a corporation organized under the law of the State of Nevada, in the United States of America.

_____ I have been advised and informed and I am aware that this adventure is inherently dangerous, have been informed about what is involved in a deep dive program, and I am voluntarily participating with full knowledge of the danger involved and I hereby assume full responsibility for any and all risks of property damage, injury, or death.

_____ I have consulted with my doctor and have no health conditions or problems that would cause any danger of injury or death from participating in a deep dive program.

_____ I understand that all pertinent maintenance personnel, pilots, captains, owners of the aircraft or ships, air field facilities, training facilities, and any other commercial or government carriers or providers are totally independent from Deep Ocean Expeditions and its owners, officers, directors, shareholders, principals, agents, representatives, and employees. Therefore, I understand that Deep Ocean Expeditions only arranges for the programs and has no responsibility for and over maintenance, equipment selection, personnel training, safety, weather, acts of God, war, or other acts beyond its control. Deep Ocean Expeditions makes no warranty or representation about these matters, except to acknowledge the inherent danger of this adventure, and all other verbal or written representations are specifically disclaimed.

_____ As lawful consideration for being permitted by Deep Ocean Expeditions to participate in this program, I hereby release, waive, and forever discharge Deep Ocean Expeditions and its owners, officers, directors, shareholders, principals, agents, representatives, and employees of all liabilities, actions, claims, demands, costs, losses, or expenses which I or my heirs, distributees, guardians, legal representatives, next of kin, or assignees may have against them for all loss or damage, and any

claims or demands therefore, on account of injury to myself or my property, or resulting in my death, whether caused by the negligence of Deep Ocean Expeditions or otherwise, arising out of or in any way connected with my participation in this adventure, including travel to and from this adventure, and including any damage or injuries, or death, which may be suffered by me before, during, or after this adventure.

_____ I fully understand that I am unconditionally releasing Deep Ocean Expeditions from all liability, including claims based on negligence, actions, or inaction of Deep Ocean Expeditions. I hereby assume full responsibility for the risk of bodily injury, death, or property damage due to the negligence of Deep Ocean Expeditions or otherwise while involved in the activity of for any other purpose participating in such event.

_____ I hereby agree to indemnify, save, and hold harmless Deep Ocean Expeditions and each of them from any loss, liability, damage, or costs they may incur due to my presence in the activity and whether caused by the negligence of Deep Ocean Expeditions, or otherwise.

_____ I agree that this release of liability shall be governed by the laws of the State of Nevada. It is intended to be as broad and inclusive as is permitted by the laws of Nevada and if it is held invalid, it is agreed that the balance, notwithstanding, continue in full form and effect.

_____ I have carefully read this agreement and fully understand its contents. I am aware that this is a release of liability and a contract between myself and Deep Ocean Expeditions, and that I have signed it out of my own free will. I agree that no oral representations, statements, or inducements apart from this written agreement have been made, and this agreement is the entire agreement between Deep Ocean Expeditions, and myself.

Agreed to this day:

NAME (PRINTED)

SIGNATURE

DATE

**ASSUMPTION OF RISK OF INJURY
WAIVER AND RELEASE OF LIABILITY
GRANT TO SUE NAME AND LIKENESS
CONSENT TO EMERGENCY MEDICAL TREATMENT**

DEEP OCEAN EXPEDITIONS

I, the undersigned participant in a Deep Ocean Expeditions program and its related activities state that: I am participating in the Expedition knowingly, freely and without compulsion, I am in good health, and I am under no disability which restricts my participation. The undersigned clearly understand that Deep Ocean Expeditions (“Sponsor”) is in no way responsible and can assume no liability of any nature whatsoever for the Expedition and any acts, omissions or negligence by Deep Ocean Expeditions, Ltd (“Operator”) or by companies and persons with which the Operator may contract. The undersigned has carefully read the list of activities, requirements and conditions as listed in the brochure and reservation form for the Expedition, and is/are aware that the Expedition and its activities involve a risk of personal injury and damage or loss of property that may be higher than typical adventure travel programs.

In consideration of being allowed to participate, I/we:

1. ASSUME all risks for bodily injury or death;
2. Forever WAIVE all claims for bodily injury or death, property damage or loss arising out of or in any way related to the Expedition, whether caused by negligence or otherwise;
3. Forever RELEASE, hold harmless and promise not to sue the owners, operators, sponsors, their shareholders, directors, agents, employees, promoters, and officers, or their lessees, licensors, licensees, and their officers, agents, and employees, of property used by or in any way related to the Expedition, with respect to death or any injury or loss I may suffer by negligence or otherwise, except that caused by gross negligence or wilful or wanton misconduct.
4. GRANT to the owner of the Expedition and its assignees the right to use my name, likeness and biographical material for the purpose of promoting and advertising the expedition and for photographing, televising, broadcasting and filming the same.
5. CONSENT to first aid and medical treatments which may as a result of injury or illness seem reasonably advisable.
6. HAVE READ CAREFULLY AND WILL ABIDE by the conditions set by the Sponsor and Operator as described in the brochure and in the Terms and Conditions of this and other sections as stated herein or elsewhere published.
7. AFFIRM that I have not received or relied on any oral or written representation of Sponsor as a basis for executing this Release.
8. AGREE that the assumption, waiver and release herein is binding on my spouse(s), heirs, legal or personal representatives, administrators, executors, guardians, conservators, successors, assigns and descendants.

SignatureDate:

Witness Signature:

Note: Parent or Guardian must sign for a participant under the age of 21

TERMS AND CONDITIONS

Reservation & Payment Plan: With an initial deposit of 25% of the expedition fare and signed reservation form, a place will be reserved for you on your indicated Deep Ocean Expeditions expedition. The balance of the expedition fare is due 120 days prior to departure. Reservations are accepted in order of date and time the initial deposit and signed reservation form are received.

Cancellation Policy: Notification of passenger cancellation must be received in writing by Deep Ocean Expeditions. At the time written cancellation is received, the following per person fee penalties apply:

- 180 days or more prior to departure: US\$300 per person
- 120-179 days prior to departure: US\$1000
- 90-119 days prior to departure: 25% of expedition cost
- 1-89 days prior to departure: 100% of expedition cost
-

These fees are due regardless of sale. These fees cannot, be applied to future reservations; therefore we strongly recommend purchasing trip cancellation insurance.

Once an expedition has departed, there will be no refunds from Deep Ocean Expeditions for any unused portion of the trip. The above policy also applies to all extensions and independent travel arrangements made in conjunction with this program.

Trip Cancellation and Interruption Insurance: It is strongly advised that all travellers purchase trip cancellation and interruption insurance as protection against an emergency which may force you to cancel from or leave an expedition while it is in progress. A brochure describing coverage will be sent to you upon receipt of your reservation. We are able to offer insurance to US citizens only.

Share Policy: Divers are entitled to a single occupancy cabin up until the single room capacity is exhausted. After which, each diver will be assigned a roommate. All non-divers will be assigned shared rooms. Cabins will be assigned according to their place on the confirmed booking list (determined by deposit date). Cabins may have private and shared bathrooms. When pairing roommates, we will always pair participants of the same sex, and make every effort to accommodate smokers with other smokers. However, if it is necessary to pair a smoker with a non-smoker, overnight accommodations will be designated as non-smoking for both participants.

Medical Information: The deep diving expeditions are intended for persons in generally good health and without physical disabilities which would create a hazard whether for the passenger or other passengers. By placing an initial deposit, the passenger certifies that he/she Deep Ocean Expeditions not have any physical or other condition or disability that would create a hazard for him/herself or other passengers. **All participants are required to complete a medical release form.** Passengers prone to claustrophobia are strongly advised to follow their physician's advice. The booking agent or the tour leader reserves the right to disqualify any participant at any time during the program should the person's health impede the operation of the program. There will be no refund given under these circumstances.

It is essential that participants with any dietary restrictions make them known to us well before departure.

Itinerary Changes and Trip Delay: Deep Ocean Expeditions reserves the right to change a program's dates, itinerary, leaders, or accommodations as conditions warrant. If a trip must be delayed, or the itinerary changed or extended due to weather conditions, transportation delays, government intervention, or other contingencies over which the company has not control and its agents cannot make provision, the cost of delays or changes is not included and will be charged to the participant at cost. Due to the uniqueness of this program and flight availability, departure dates are subject to change.

Itinerary Cancellation: Deep Ocean Expeditions reserves the right to cancel an itinerary before departure for any reason whatsoever, including logistical problems such as strikes, wars, acts of God, or any other circumstances which may make operation of the trip inadvisable. If the itinerary cannot be rescheduled by the company, all trip payments received will be refunded, and this refund will be the limit of the company's liability. We are not responsible for any expenses incurred by participants in preparing for the trip, including non-refundable or penalty-carrying airline tickets, special clothing, passport or visa fees or other trip-related expenses.

Participation: Deep Ocean Expeditions reserves the right to decline acceptance of any individual as a trip participant for any reason whatsoever.

Passport & Visa Requirements: Participants are responsible for securing proper documentation and any vaccination certificates required for entry into the appropriate countries.

Limitations of Liability: Deep Ocean Expeditions, its owners, agents and employees give notice that they act only as the agent for the owners, contractors and suppliers providing means of transportation and/or all other related travel services and assume no responsibility/howsoever caused for injury, loss or damage to person or property in connection with any service resulting directly from: acts of God, detention, annoyance, delays, expenses arising from quarantine, strikes, thefts, force majeure, failure of any means of conveyance to arrive or depart as scheduled, government restrictions or regulations and discrepancies or changes in transit or hotel services over which it has no control. Reasonable changes in the itinerary may be made where deemed advisable for the comfort and well-being of the passengers.

Certain operators require the use of pre-printed ticket forms which limit operator's liability. When such tickets are used, you are generally bound by the terms of these tickets with respect to their legal relationship to those operators, their agents and the operator's crew. **All participants are required to complete and sign a reservation form and a release form. On advancement of deposit, the depositor acknowledges that he/she has read and understands the above recited terms and conditions, and agrees to be bound by them.**

MEDICAL INFORMATION FORM

Please print clearly or type. Please complete one form per person. We have the right to release your reservation if you have any Medical Conditions that would prevent you from participating in the deep dives.

PROGRAM NAME _____ **DEPARTURE DATE** _____

Name _____

Height _____ Weight _____ Blood Type _____ Rh Factor _____

Evaluate your general health. Poor Fair Good Excellent
Evaluate your physical condition/stamina. Poor Fair Good Excellent

PLEASE ANSWER THE FOLLOWING QUESTIONS.

1. Have you been hospitalized or had surgery in the last five years? **Yes** **No**

If yes, when and for what?

2. Do you have any heart or respiratory problems? **Yes** **No** Are you diabetic? **Yes** **No**

If yes to either, please elaborate.

3. Do you have any medical conditions or special health or dietary needs of which we should be aware?

Yes **No** If yes, please describe.

4. Do you take any medications on a regular basis? **Yes** **No**

If yes, please complete the section below.

Generic Name	US Trade Name	Dosage Schedule
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

5. Do you have any allergies? Yes No If yes, please list them below.

6. Do you have any dietary restrictions? Yes No If yes, please describe below.

IF NECESSARY, PLEASE ATTACH A SEPARATE PIECE OF PAPER FOR COMPLETE EXPLANATIONS.

My doctor is _____ Telephone number: (____)_____

IMPORTANT

Each passenger must provide this form signed by a medical doctor that you are considered physically and psychologically qualified to participate in a prolonged dive to deep depths in a small (two-three person) submarine. The certification should specifically state that you have no history of acute myocardial infarction, diabetes, seizure disorders, urinary tract problems, bowel problems, claustrophobia, or anxiety/depression that would make such participation inadvisable. (See the attached Medical Conditions Advisory.) If necessary, please attach a separate piece of paper for complete explanations.

I have reviewed the attached "Medical Conditions Advisory" and affirm that I have no history of acute myocardial infarction, diabetes, seizure disorders, urinary tract problems, bowel problems, claustrophobia, or anxiety/depression that would make such participation inadvisable.

IF NECESSARY, PLEASE ATTACH A SEPARATE PIECE OF PAPER FOR COMPLETE EXPLANATIONS.

PASSENGER SIGNATURE: _____ **DATE** _____

I have reviewed the attached "Medical Conditions Advisory" and I affirm that the above named individual has no history of acute myocardial infarction, diabetes, seizure disorders, urinary tract problems, bowel problems, claustrophobia, or anxiety/depression that would make such participation inadvisable.

IF NECESSARY, PLEASE ATTACH A SEPARATE PIECE OF PAPER FOR COMPLETE EXPLANATIONS.

DOCTOR'S SIGNATURE: _____ **DATE** _____

***Return signed form to:
BELINDA SAWYER
DEEP OCEAN EXPEDITIONS***

MEDICAL ADVISORY FORM

PLEASE READ THE MEDICAL CONDITIONS BELOW IN CONJUNCTION WITH COMPLETING THE DEEP OCEAN EXPEDITONS MEDICAL FORM.

DEEP OCEAN EXPEDITIONS SUBMERSIBLES ARE ALL OPERATED AT ONE ATMOSPHERE – DIVING IS AKIN TO DRIVING YOUR CAR, HOWEVER DIVES ARE APPROXIMATELY 10-12 HOURS IN DURATION, THE SUBMERSIBLES ARE SMALL AND THE FOLLOWING MEDICAL CONDITIONS MAY PREVENT YOU FROM PARTICIPATING IN DIVING.

- History of myocardial infarction(s)
- History of cerebrovascular accidents (e.g. stroke, brain hemorrhage, etc.)
- History of coronary artery disease and angina pectoris
- History of cardiovascular disease with shortness of breath
- History of pulmonary disease with shortness of breath
- Diabetes mellitus, poorly controlled or insulin dependent
- Severe to moderately severe asthma
- Conditions associated with urinary or bowel incontinence or leakage and flatulence
- Conditions such as marked obesity and back or joint disabilities which preclude entering, exiting and spending hours in close, cramped and perhaps uncomfortable positions
- Anxiety, emotional depression and/or various psychiatric disorders
- History of seizure disorders
- History of severe or disabling surgical procedures
- Each proposed participant (passenger) must provide a list of his/her current medication, prescription and non-prescription (to be completed on the attached form)
- Each passenger should have adequate amounts of medications with him/her to last the duration of the trip