THE WORLD BENEATH THE WAVES



FOR THOSE WHO HAVE BEEN THERE, DONE THAT.

Beyond the limits of SCUBA diving lies the vast deep sea, holding countless undiscovered treasures. Yet 80% of our world's oceans remain a mystery, untouched and unseen.

Embark on a thrilling journey of discovery with U-Boat Worx.





The sea is only the embodiment of a supernatural and wonderful existence.

.lules Verne

Twenty Thousand Leagues Under the Sea

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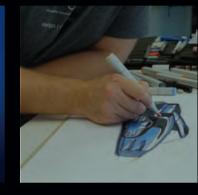
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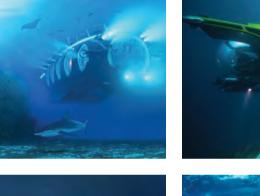
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REVEALING THE MYSTERIES OF THE DEEP

surface, yet more than 80% of this underwater realm remains unexplored. Astonishingly, we possess greater knowledge of distant celestial bodies like Mars and the Moon than the depths of our own seas.

The ocean is not a mere backdrop to our existence; it serves as a lifeline, influencing every facet of life, from the air we breathe to the intricate climate patterns that shape our world. Despite its critical significance, we know so little about this mysterious underwater universe.

For centuries, humankind has pursued an insatiable urge to explore and unveil the ocean's mysteries, propelled by an insurmountable curiosity and an unquenchable thirst for knowledge.

Worx—a beacon of excellence as the preeminent architects and manufacturers of personal manned submersibles worldwide.

Our revolutionary technology and advanced submersible designs present unprecedented opportunities to reveal the secrets of the deep.

Our planet's oceans cover over 70% of the Earth's U-Boat Worx embraces an unswerving dedication to oceanic exploration; our versatile spectrum of submersibles caters to a wide range of applications, whether for discerning private individuals, intrepid adventurers, or passengers aboard luxury cruise liners.

> Our high-performance submersibles have been meticulously crafted for scientific research expeditions, thereby contributing to the safeguarding of our planet's most expansive and vital ecosystems — the oceans.

With each dive, we garner a more profound understanding of the underwater realm, fostering reverence and appreciation for this delicate environment and its awe-inspiring diversity within.

Join U-Boat Worx as we unveil the enigmas of the deep—a journey laden with the anticipation At the forefront of this noble pursuit stands U-Boat of newfound wisdom and profound wonder, all underscored by an unwavering commitment to secure the legacy of the ocean's preservation for generations to come.

> **Bert Houtman** Founder & Chairman U-Boat Worx

SEEKING ADVENTURE

YACHTING

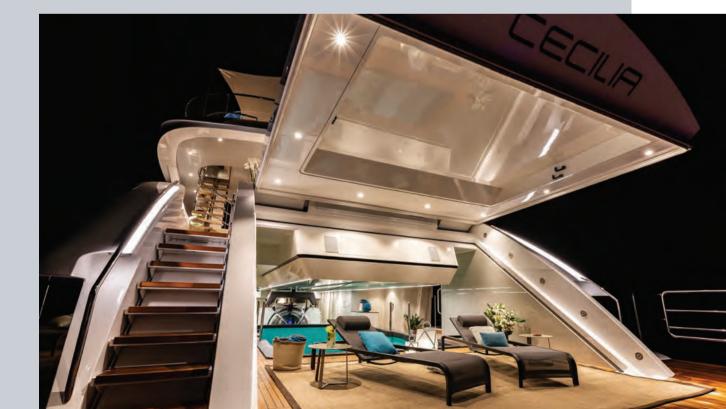
Diving operations are simple and safe with a U-Boat Worx submarine. Whether it's a wreck-diving operation in the Mediterranean or an exploration dive in the Arctic Sea, U-Boat Worx has the perfect private submarine for all occasions.





M/Y CECILIA

The 50.3 meter motor yacht 'Cecilia' was built by
Wider Yachts. Her indoor seven-meter swimming pool
doubles as a launch platform for the Super Yacht Sub 3.





M/Y LEGEND

M/Y Legend is a refitted charter yacht with a Class 1 ice-breaker hull, which makes her the perfect yacht for any type of adventure. M/Y Legend has many amenities on board, including a C-Explorer 5. This five-person private submarine dives to depths of up to 200 meters. M/Y Legend has completed a voyage in Antarctica, during which the C-Explorer 5 private submarine was deployed to explore the deep waters.



M/Y GAME CHANGER

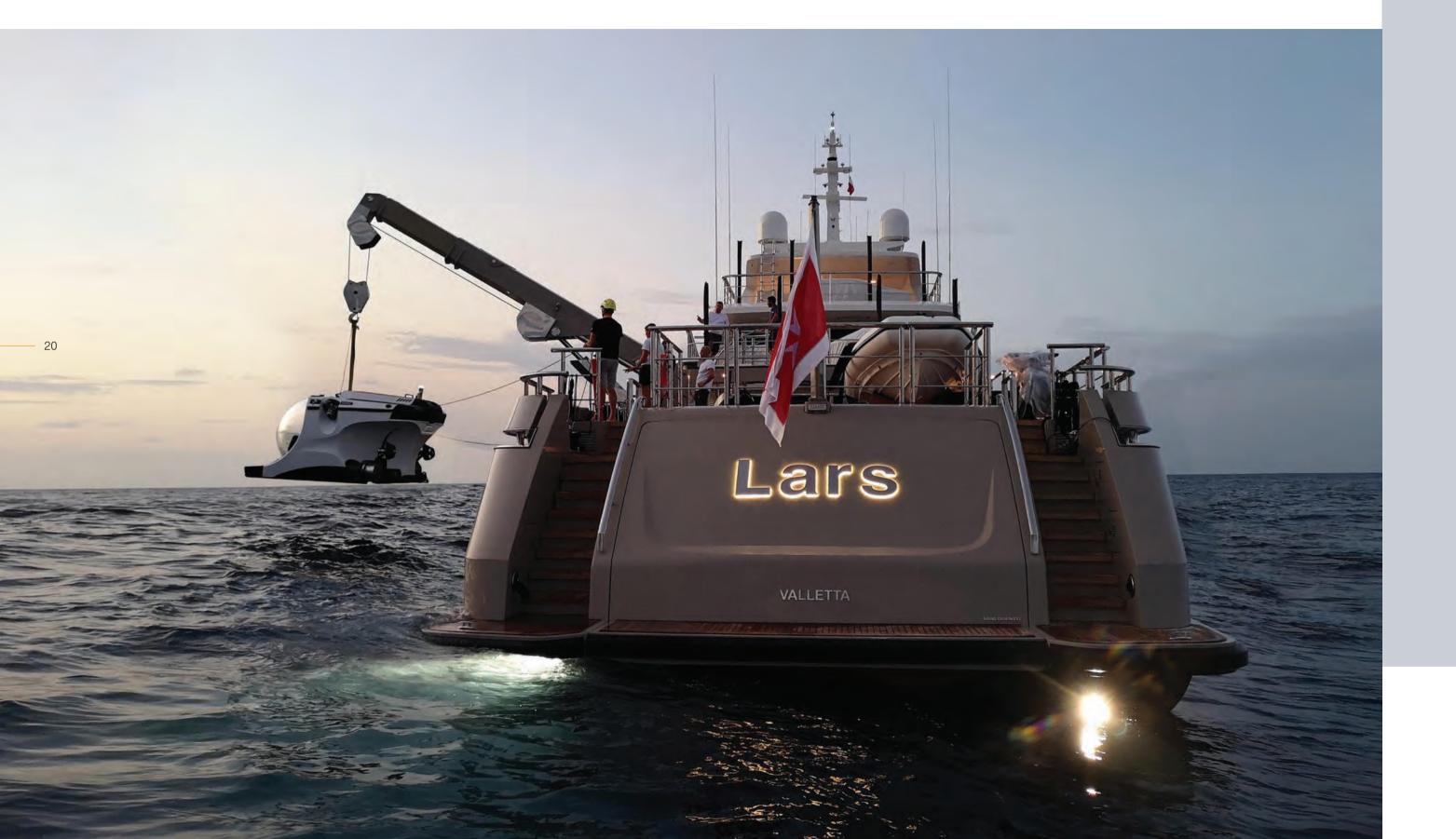
Refitted in 2020, the now 72 meter long M/Y Game

Changer is the ultimate exploration vessel. Aboard is the

1,140 meter depth rated C-Researcher 3 submersible,

the most advanced manned submersible to date.





M/Y LARS

47 meter, 500EXP expedition motor yacht 'Lars' was built by Sanlorenzo in Italy at their Viareggio shipyard.

She was delivered to her owner in 2020. The Super Yacht Sub 3 is launched from the aft-deck and can be stored below deck in a specially designed storage.



M/Y SANDALPHON

The 31 m expedition yacht 'Sandalphon' was built by Balk Shipyard at their Urk shipyard and she was delivered to her owner in August 2017.

She houses a U-Boat Worx NEMO submersible.





M/Y MILELE

M/Y Milele (45.2 meters) is built in The Netherlands by

Hakvoort. She houses a U-Boat Worx NEMO submersible in
a specially-designed storage garage.



M/Y SHINKAI

Meet Shinkai, the world's first superyacht designed around a submersible. When the owner of the 54.9-meter explorer placed his order with Feadship, he already had a new U-Boat Worx C-Researcher 3 waiting to be accommodated.

With ocean exploration at the forefront of the owner's mind,

Shinkai – meaning 'Deep Sea' in Japanese – sets a new bar

for bespoke, purpose-built, sub-orientated design.







DAMEN

Compact and luxurious private submarines especially designed to fit aboard super yachts, the Super Yacht Sub 3 opens the world beneath the waves to yacht owners. The Super Yacht Sub 3 offers best-in-class performance and has set the standard with successful delivery to several iconic super yachts and yacht support vessels.



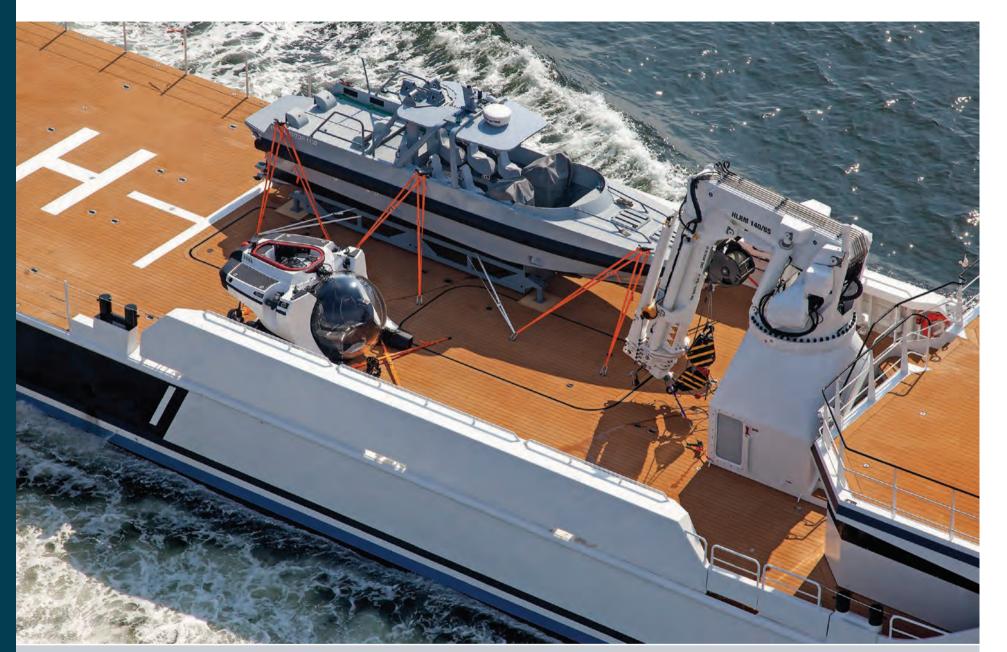


KEY YACHTING FEATURES

PASSENGER STEERING

Each U-Boat Worx submersible is delivered with a world-class pilot training course. The intuitive interface of our submersibles is easy for pilots to learn. Unique to the U-Boat Worx private submarines is the ability of passengers being able to navigate the submersible while under supervision of the pilot.

Our unique control device – the MANTA Controller – can simply be handed over by the pilot to the guests for a once-in-a-lifetime opportunity to personally steer a submarine.

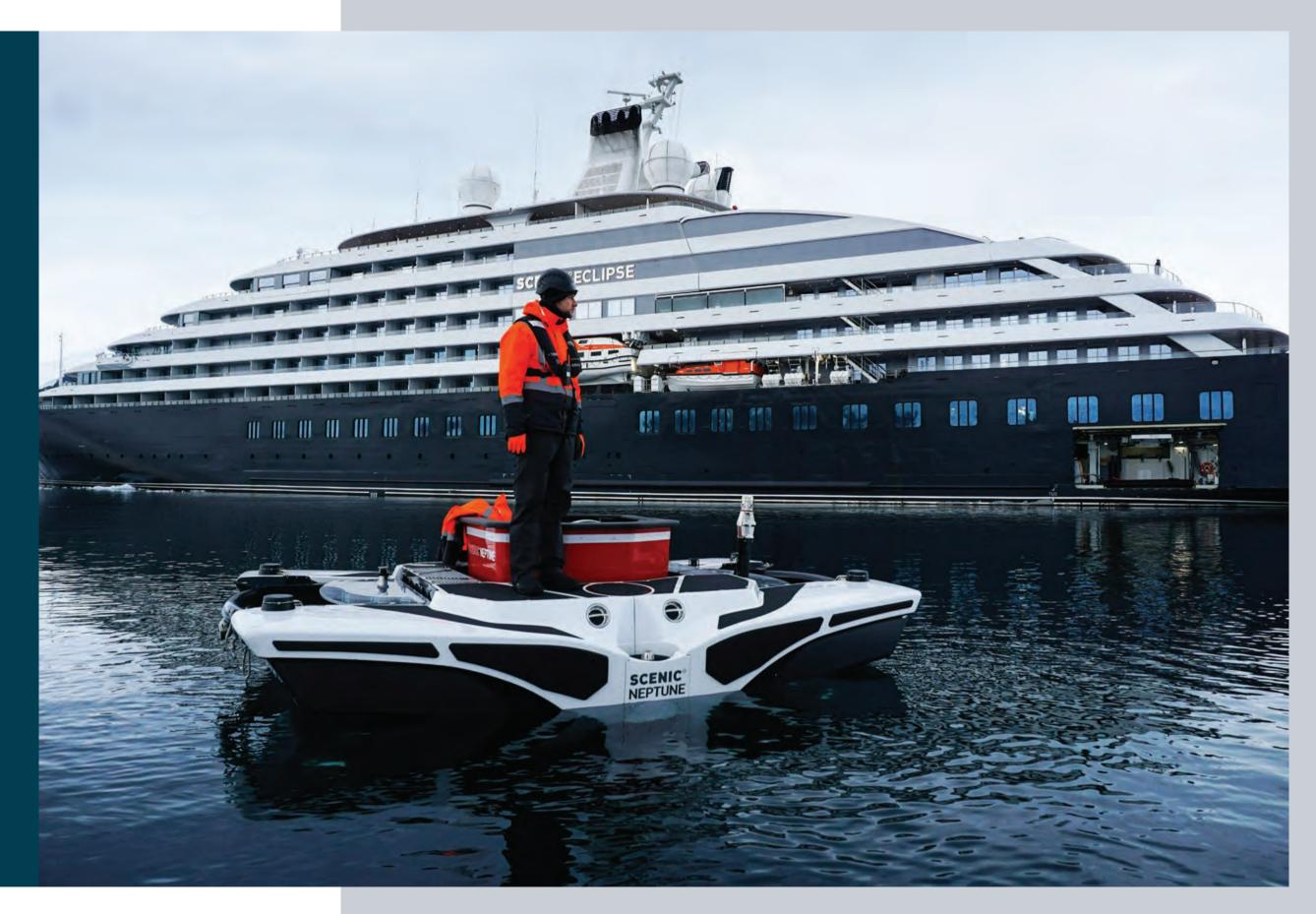


YACHT INTEGRATION

Diving in a U-Boat Worx sub from your yacht is effortless and safe. All our yachting models feature low weight and flexible (single or dual) lifting point designs to make it possiblwe to integrate a private submarine on more yachts than ever before.

CRUISE INDUSTRY

Offering a private submarine dive experience during a holiday at sea is a unique selling point for any luxury cruise ship's operation. A dive in a submersible offers a key point of difference for guests to select your cruise ship operation. Passengers who otherwise might never have the opportunity to dive in a submarine can now experience and enjoy first-hand the magic and wonder of the sub-sea world.



VIKING CRUISES

Two newly built sister ships, Viking Octantis and Viking Polaris, will carry a maximum of 378 guests each. With a total of four Cruise Sub 7 – 300 submersibles added in the specially designed hangar garage, cruise guests will both get the experience of a lifetime as well as learn some interesting facts abaout the flora and fauna of the deep. Each vessel will have at least 25 scientists and experts in the field aboard each cruise.







SEABOURN CRUISES

Both Seabourn Venture and Pursuit will sail to
the far corners of the earth carrying two U-Boat Worx
Cruise Sub 7 - 300 submarines capable of diving up
to 300 meters, with six passengers and a pilot.





SCENIC ECLIPSE

Designed to deliver the ultimate experience of a lifetime for only 228 guests (limited to 200 on Arctic and Antarctic cruises), the Scenic Eclipse takes ocean cruising to a whole new level. Merging safety and luxury with underwater discovery, guests have the opportunity to explore below the ocean's surface thanks to her U-Boat Worx Cruise Sub 7, able to accommodate six passengers and one pilot to a maximum depth of 300 meters.





KEY CRUISE OPERATION FEATURES

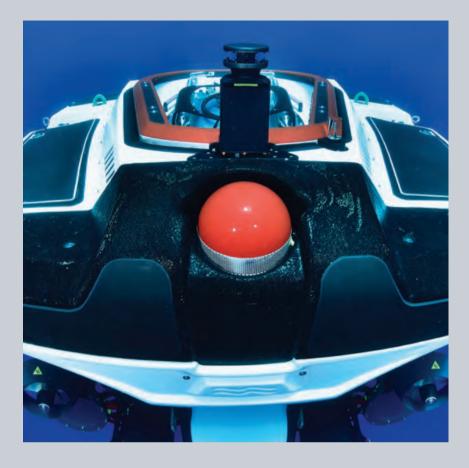
THE BEST SELLING SUBMARINE IN THE WORLD

With a superior double-ended view port design and numerous interior and exterior customisation options, the U-Boat Worx Cruise Sub range is the best-selling submersible in the world, without peer.

Since the inception of the Cruise Sub series in 2018, more than 15 units have been designed, built, sold, and are deployed in active dive operations. No other company has sold more submersibles of the same type – or even combined. These submersibles have achieved record sales and enjoy continued success, being the most sought-after in the industry.

ANYONE CAN DIVE

U-Boat Worx submersibles provide unique access to the underwater world. Passengers do not require special training or SCUBA certification, and as such the subs can easily be used for dive-tourism purposes. The large number of passengers that can be carried (up to 8) presents a rewarding business case to cruise lines.





SAFETY

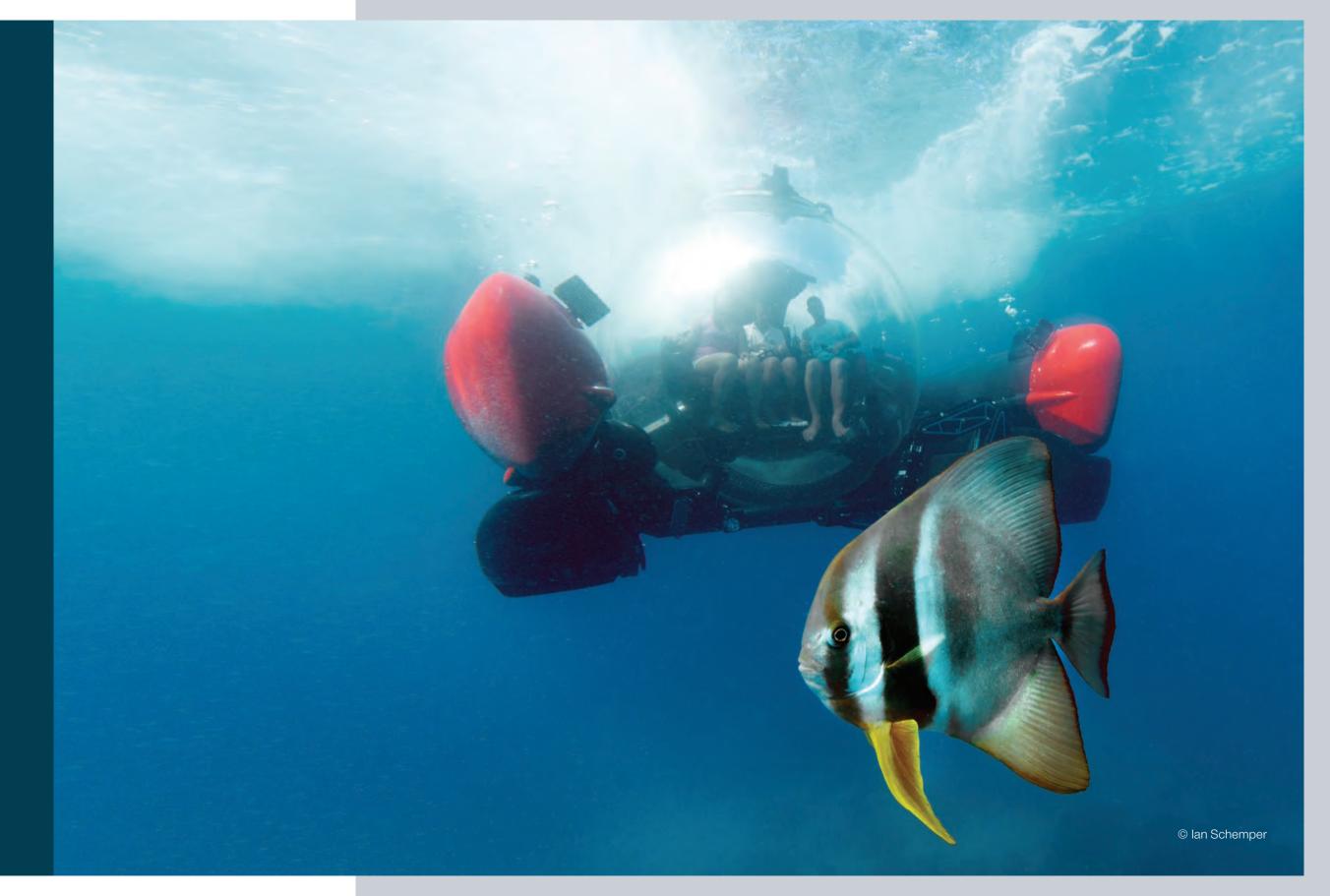
Safety and peace of mind during each sub dive is absolutely paramount. Every U-Boat Worx submersible is equipped with a multitude of safety systems and features. All U-Boat Worx submersibles are certified by world-leading classification society, DNV, only after each individual model has successfully completed a rigorous compliance program and a robust safety test trajectory.

FRONT ROW SEATS

Traditional tourist submersibles offer only small porthole windows, with passenger seating arranged much like a tour bus. All our Cruise Ship submersible models are based on the same U-Boat Worx designs that are deployed on exclusive private superyachts and by oceanographic research institutes, which enable all guests to enjoy "front row seats" during their panoramic dive experience.

TOURISM

The most dazzling treasures of many beach resorts are concealed below the water's surface; and with a personal submersible, such treasures can be made accessible to us all. A personal sub provides a unique opportunity to create a memorable experience for visitors – whether tourists, or more adventurous explorers.



KEY TOURISM FEATURES

TOURIST SUBMERSIBLES

Whether a luxury resort or tourist water-sports operator opts to offer guests either repeat sub-sea excursions to view spectacular coral reefs, or more adventure-driven deep-sea exploration dives, U-Boat Worx submersibles are created with the end-user in mind to maximise every dive experience.





SHORE-BASED

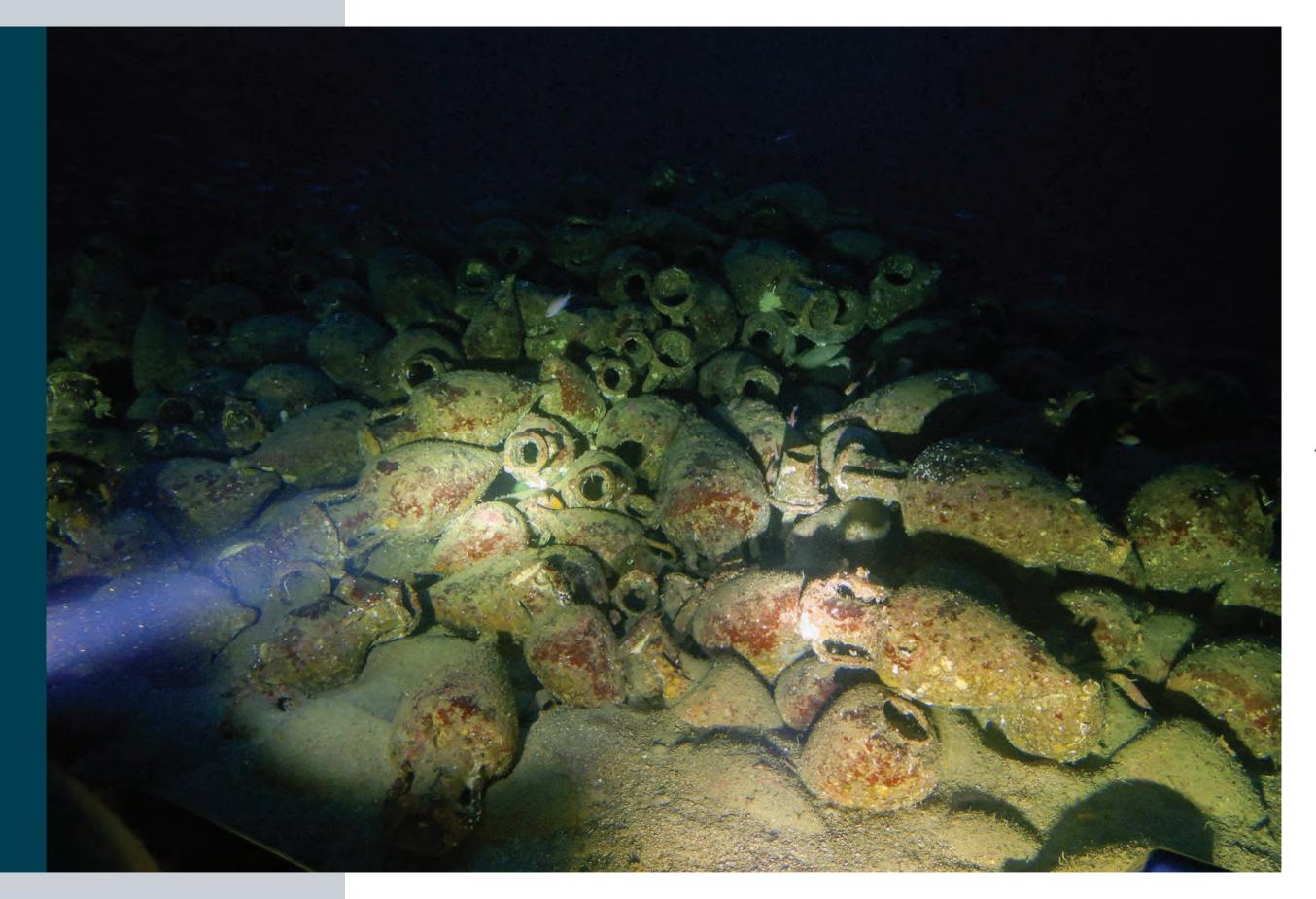
U-Boat Worx offers luxury resorts and watersport operators the ability to set up their own shore-based submersible excursions.

U-Boat Worx can either facilitate the entire operation, or establish the initial set-up and provide ongoing support.

Visitors will enjoy this unique opportunity to get a close-up view of exotic marine life; an educational, entertaining narration by our experienced, licensed and professional crew will enhance their underwater dive experience.

RESEARCH

Nature has created the most beautiful underwater landscapes for us to discover. Yet this impressive subsurface realm conceals many fascinating markers of the history of mankind. By combining the latest innovations with over sixteen years of experience in designing, building and operating the world's largest fleet of submersibles, our submersibles offer deep-sea research organisations the safest, best-performing, and most comfortable submersibles from which to explore the underwater world.





ANTARCTICA EXPEDITION

A client has recently completed a submarine expedition in Antarctica, during which the C-Explorer 5 private submarine was extensivley used to explore the deep waters of the South Pole.

They joined the very few people who have explored the little-known underwater realm of Antarctica. The first dive ever was made here only in 1902 by Willy Heinrich during the Drygalski expedition, who wore a brass diving helmet and lead boots.

Instead of such difficulties you can now gaze in comfort from your seat into the frigid waters where creatures struggle to survive and grow.



PANAREA EXPEDITION

A C-Explorer 3 submarine was used during this archaeological dive operation; it was equipped with cameras to take both video and digital images of several ancient ship-wreck sites. Hundreds of high-resolution images were recorded of each of the shipwrecks, as the submersible was guided with precision over the sites. After each dive, the digital images were processed on-site, utilising special software, into detailed 2D and 3D photograph mosaics. These images were provided to the Italian authorities who accompanied the expedition.



52 © Pandolphe Holler

SOLOMON ISLANDS EXPEDITION

With a Cruise Sub 7 - 300 Cookson Adventures conducted an expedition to the Solomon Islands. The gathered data will contribute to Seabed 2030, the mission to create a complete 3D map of the ocean floor by 2030. Which is being organised by The Nippon Foundation and General Bathymetric Chart of the Oceans (GEBCO).

REVILLAGIGEDO ISLANDS EXPEDITION

With a C-Explorer 5, our client conducted an expedition to the Revillagigedo Islands. Located in the Pacific about 22 hours sailing south-west of Cabo San Lucas, the Revillagigedo Islands are a group of four volcanic islands: Clarion Island, Isla San Benedicto and Socorro Island, plus an islet called Roca Partida.

There are a diffusion of species, including Giant
Stingrays, Hammerhead Sharks – which can
sometimes be seen in schools of sixty or more
– as well as Silky, Galapagos and Whale Sharks.
Humpback Whales, tuna, turtles and five different
types of mackerel haunt the deep blue waters, while
fleet schools of Bottlenose Dolphins flit past, and
Blue Lobsters hunt the sands beneath. Rarely seen
elsewhere, the abundance of beautiful marine life is
unique to the Revillagigedo Islands.



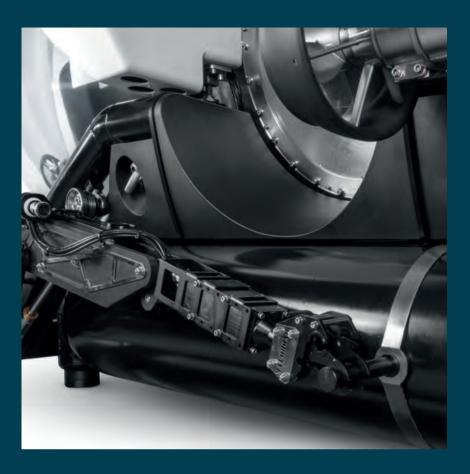
© Greenpeace

GREENPEACE EXPEDITION

U-Boat Worx has partnered with Greenpeace in their groundbreaking research in the Gulf of Mexico. Together, we have uncovered and documented a new reef of the coast of Veracruz.

By working hand in hand with academics from Veracruzana
University and the Interdisciplinary Collective of Applied
Science and Environmental Law, Greenpeace has showcased
their unwavering dedication to protecting our precious marine
ecosystems.

With our NEMO 2 submersible, we explored the reef in missions longer than ever before, capturing awe-inspiring images and studying the diverse biodiversity that thrives in these fragile reef ecosystems.





KEY RESEARCH FEATURES

WIDE SELECTION OF RESEARCH EQUIPMENT

U-Boat Worx' research submersibles can be custom-fitted with a variety of different options depending on the application: 4K Video Camera with Pan and Tilt; Manipulator Arm with Collection Basket; Sampling Devices; Geophysical Systems (magnetometers, side scan sonars, bottom profilers, sub-bottom profilers); Inspection Equipment (Gas Analysers, Laser Scaling, Thermal Cameras, Radiation Detector); 2D / 3D Sonars; LBL and USBL Acoustic Positioning Equipment.

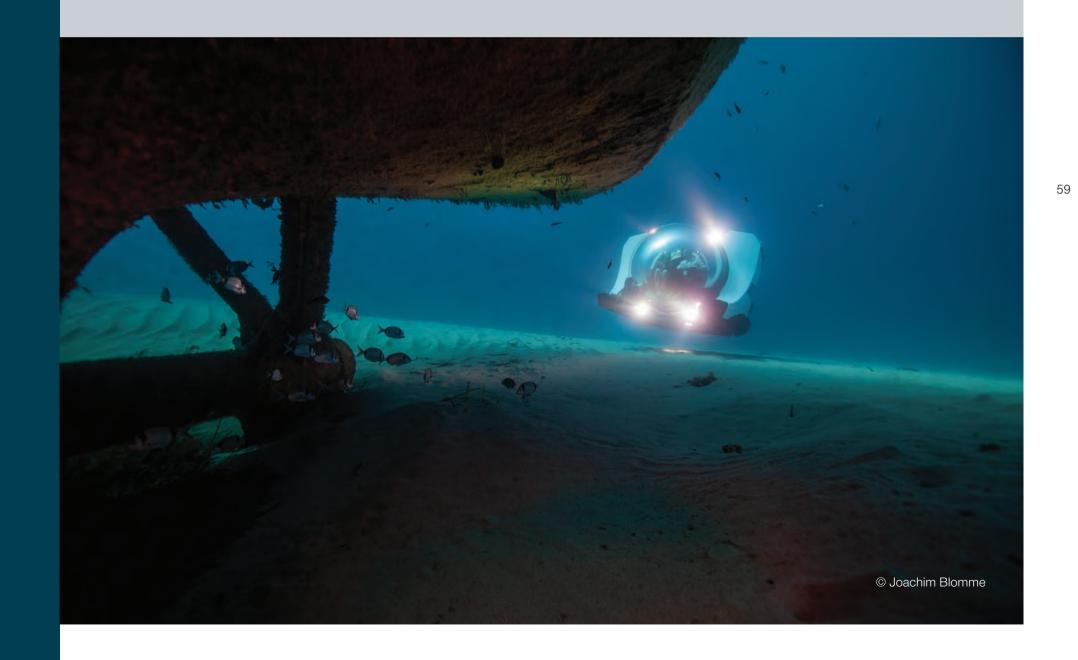
UNLIMITED RESEARCH OPTIONS

U-Boat Worx' research submersibles can be applied across various fields of marine and related sciences: marine geology and geophysics, hydro- and geochemistry, hydrology, marine biology and ecology, protected marine reserves, coastal management and cartography, archaeology, and more.

EXTENDED MISSION TIME

Our environmentally-friendly Lithium-ion battery system – developed in-house by U-Boat Worx - provides a 350% increase in battery capacity when compared with traditional submersibles that use lead-acid battery power. The technology has been tested to a depth of 4,000 meters, and

has storage for up to 62 kWh. An abundance of power makes it possible to apply more and stronger electrical thrusters, extend mission time, install additional lights, and halve travel time between the surface and the ocean floor.



CINEMA-TOGRAPHY

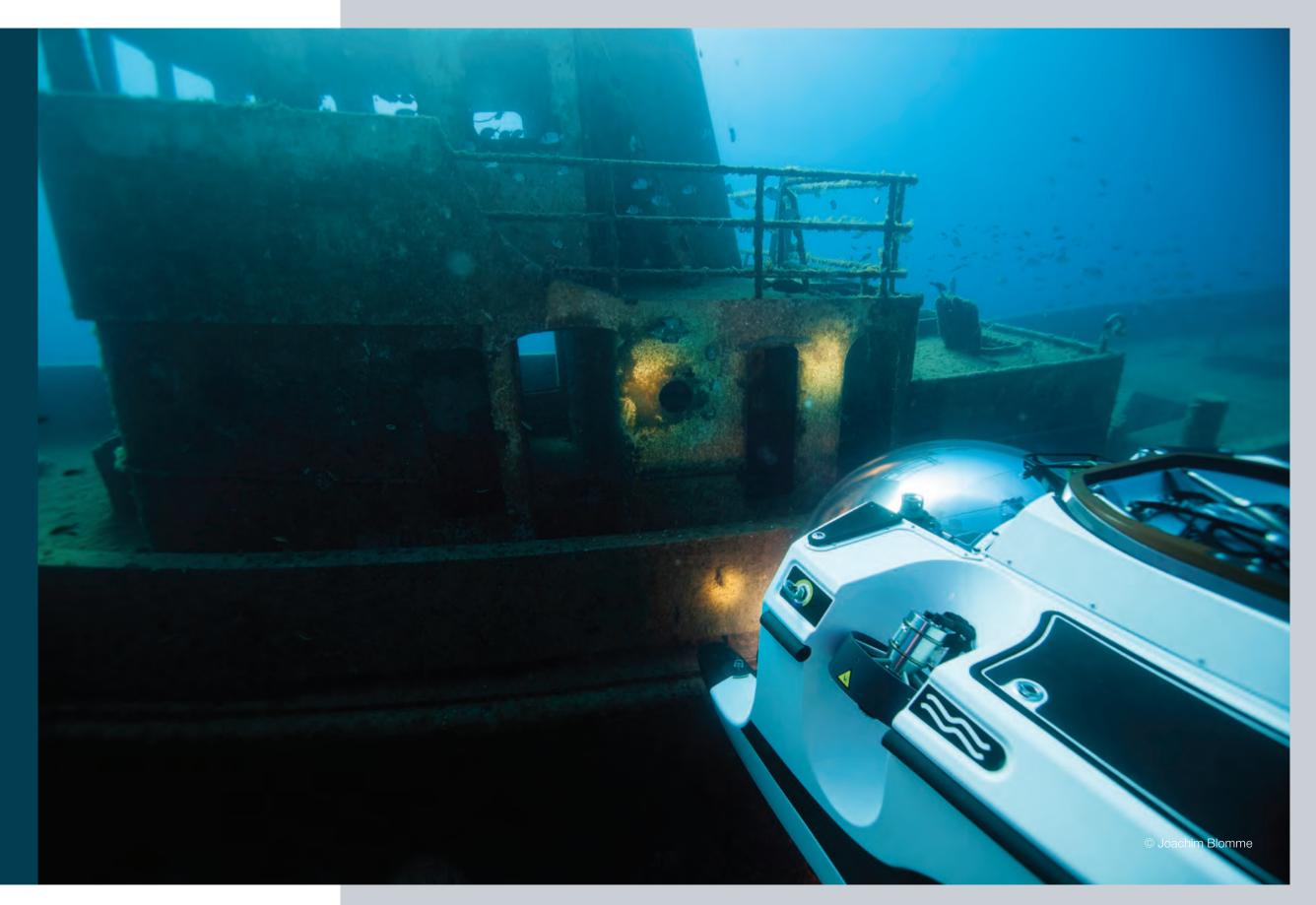
Since the first underwater films produced by Jacques Cousteau

- pioneer of marine conservation and co-developer of the

Aqua-Lung – underwater cinematography still captures the imagination of millions. Imagine going deeper, further, and longer underwater than any conventional film-maker ever could.

U-Boat Worx offers professional film-makers the opportunity

to shoot crystal clear underwater footage from the safety and comfort of a private submersible.



The Argus

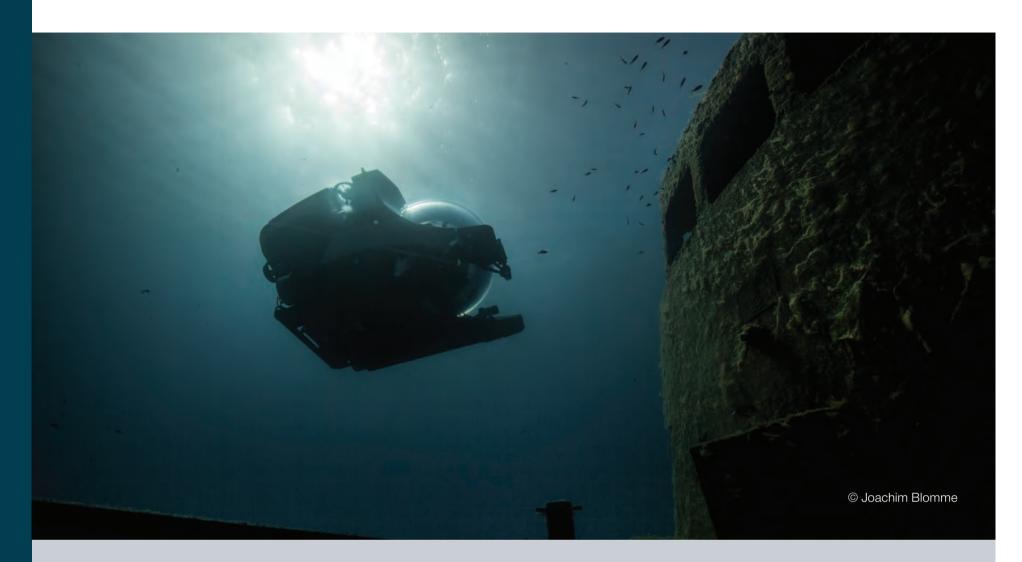
KEY CINEMA-**TOGRAPHY FEATURES**

THE PERFECT SHOT

The primary difficulty in underwater camera usage is sealing the camera from water at high pressure while maintaining the ability to operate it effectively. Diving can mask and inhibit one's ability to view the camera image and see the monitoring screen clearly through the camera housing. Historically, the size of the video camera has been a limiting factor, requiring large housing to enclose the separate camera and recording deck. U-Boat Worx submersibles can now be equipped with professional 4K Pan and Tilt cameras and 60,000 lumens of light, enabling film crew to shoot for many hours at a time underwater and obtain a great deal of footage during just one dive. Given the recording deck is housed inside the submarine, the camera operator can obtain a true sense of the material being filmed.

THE ARGUS

The Argus is a highly advanced 4K - camera system for deepwater use. This is the first in-house developed and manufactured 4K camera with an integrated Pan and Tilt system especially designed to capture high-quality



NEW POSSIBILITIES

images down to 300 meters below the surface of the ocean.

The Argus camera is compact and weighs less than 25 kg. It is superior to other existing underwater cameras. Designed for reliability, performance and quality, the Argus is operated from within the submersible.

U-Boat Worx submersibles offer a wide range of new possibilities for documentary and feature film-makers. Never before have camera operators our own multiple camera platforms to provide been able to stay submerged for as long, or dive as deep. Our subs have plenty of battery power available to operate powerful lights and professional film cameras necessary for shooting hours of underwater footage in safety and comfort.

Using our own proven technology, U-Boat Worx submersibles can now be equipped with cinematographers with more diverse filming capabilities than ever before.



SUBMERSIBLE ESSENTIALS



UNPARALLELED COMFORT

Each U-Boat Worx submarine is designed to provide unparalleled comfort, space and style. All of our submarines have maximum legroom and headroom, while keeping overall weight and size ratio to a minimum, thereby delivering the ultimate diving experience.

Efficient air-conditioning and surround-sound music form part of the fine detailing, together with optimal ergo dynamics that facilitate ease of boarding and disembarking. In keeping with the ultra-high standards found in superyachts, our submersibles boast the most luxurious of fit-outs, crafted by legendary Dutch workmanship.

Intelligent solutions applied to reduce all engine noise provide an almost stealth-like characteristic that enhances the silent, serene dive experience.

In deep and dark waters, state-of-the-art LED lights illuminate the secrets of the surrounding underwater environment.





TOTAL SAFETY

At U-Boat Worx, every submarine is built with safety as the primary consideration. Our reputation for safety and reliability has been established by always adhering to our meticulous "safety first" regime.

Designed, built, and rigorously tested to the highest standards, our submersibles are all certified by world-leading classification organisation, DNV.

Multiple safety features are incorporated and integrated into the designs at every stage. For example, all U-Boat Worx submarines automatically resurface in the unlikely event of a power outage.

To assure complete safety, in-house experts at

U-Boat Worx have developed unique features, while our
safety testing programmes ensure that each and every
component is faultlessly robust. Each submarine's hull
is individually pressurised to a test depth that exceeds
the pressure experienced at its certified maximum
operating depth.

EFFORTLESS CONTROL

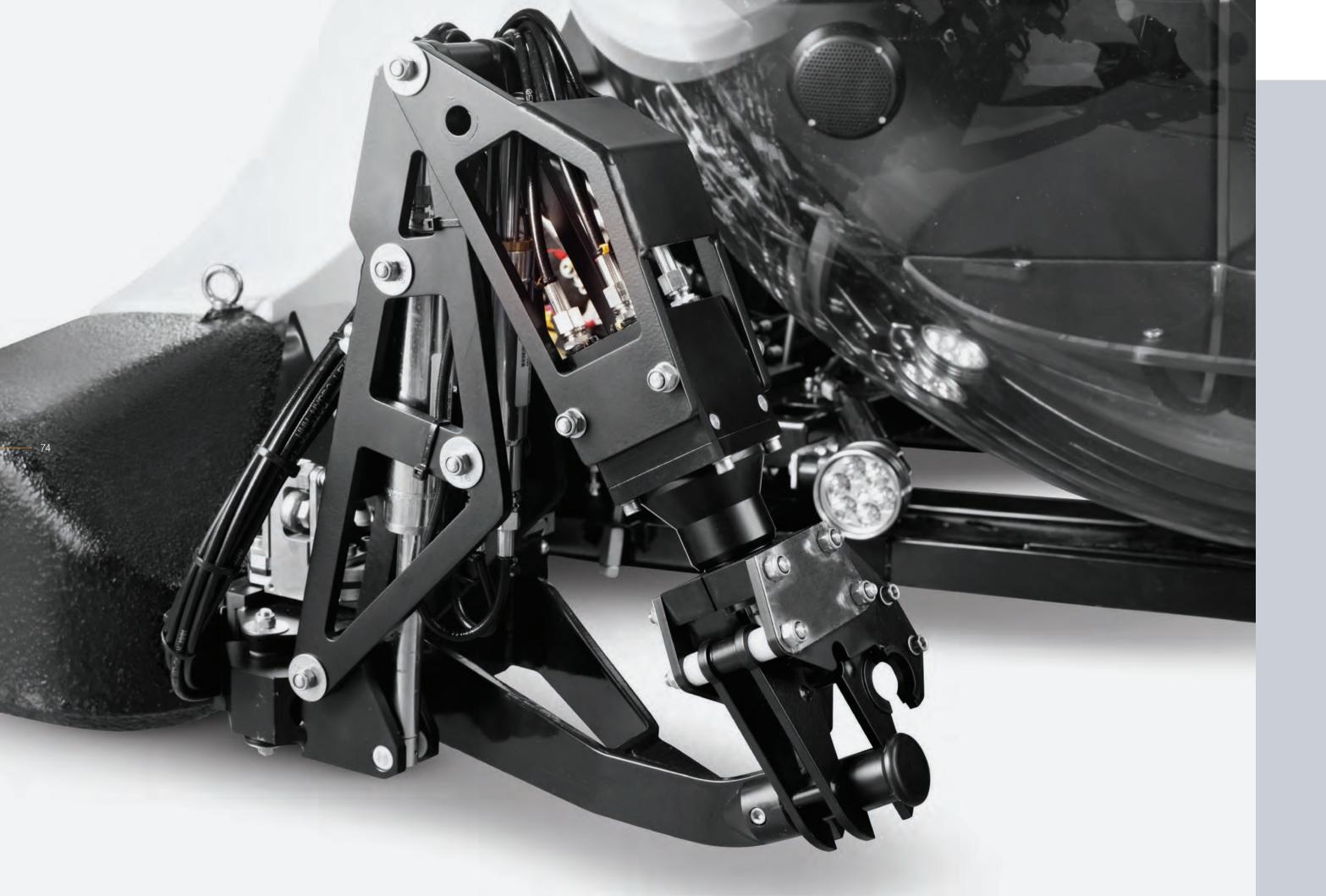
The controls of our submersibles are designed for ease of management with the standard UIS (U-Boat Worx Information System). The UIS displays all pertinent information to the pilot via a large, easy-to-read, touchscreen monitor.

Another outstanding feature of U-Boat Worx submarines is the MANTA Controller - this allows passengers to pilot the craft under supervision.

The precise and responsive manoeuvrability of the submarine never ceases to thrill the first-time diver, as the craft glides through the ocean's three-dimensional environment, taking in shipwrecks, coral reefs, marine life, and other spectacular underwater sights.

Each submersible has full functionality to automatically hold both depth and course.





UNRIVALLED MISSION ADAPTABILITY

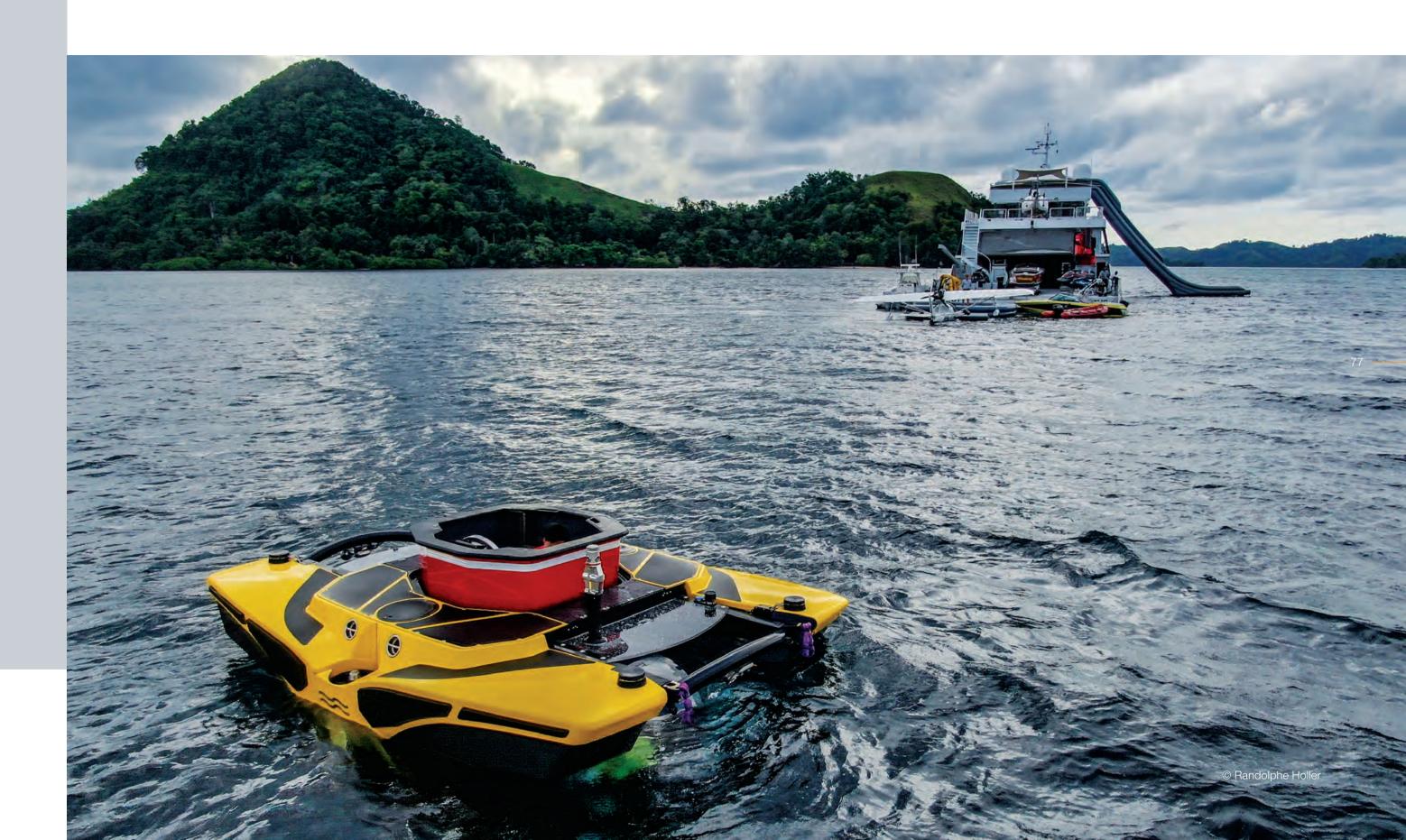
As mission plans may change and evolve over time, our submersibles can be adapted to accommodate any future requirements. Our engineers have invested a great deal of thought and time to ensure that our submersibles are equipped with the most up-to-date, state-of-the-art tools.

The combination of ample payload, modular design and forward-looking engineering allows for many interchangeable permutations. Some of the optional extras developed exclusively for U-Boat Worx include fly-out ROVs, ocean floor sampling equipment, marine life collection tools, and 4K video systems.

EVER-READY

Time is precious when organising and deploying submersible missions. Pre-dive preparations are easily and quickly executed thanks to our effective design and efficient checklists that minimise launch times.

On completion of a diving day, all that is required is a fresh water wash-down, a recharge of the batteries, and a refill of the air cylinders to prepare the submarine for the next mission.





CAREFREE LAUNCH & RECOVERY

The launch and recovery of a submersible is one of the most exacting moments of the operation. U-Boat Worx has perfected the technique for seamless launch and recovery.

Most of our submarines integrate a single lifting point. While many submarines are launched without passengers aboard, there is an option for fully certified launching with crew and passengers. Flexible liftingarrangements allow for simple integration into a yacht garage.

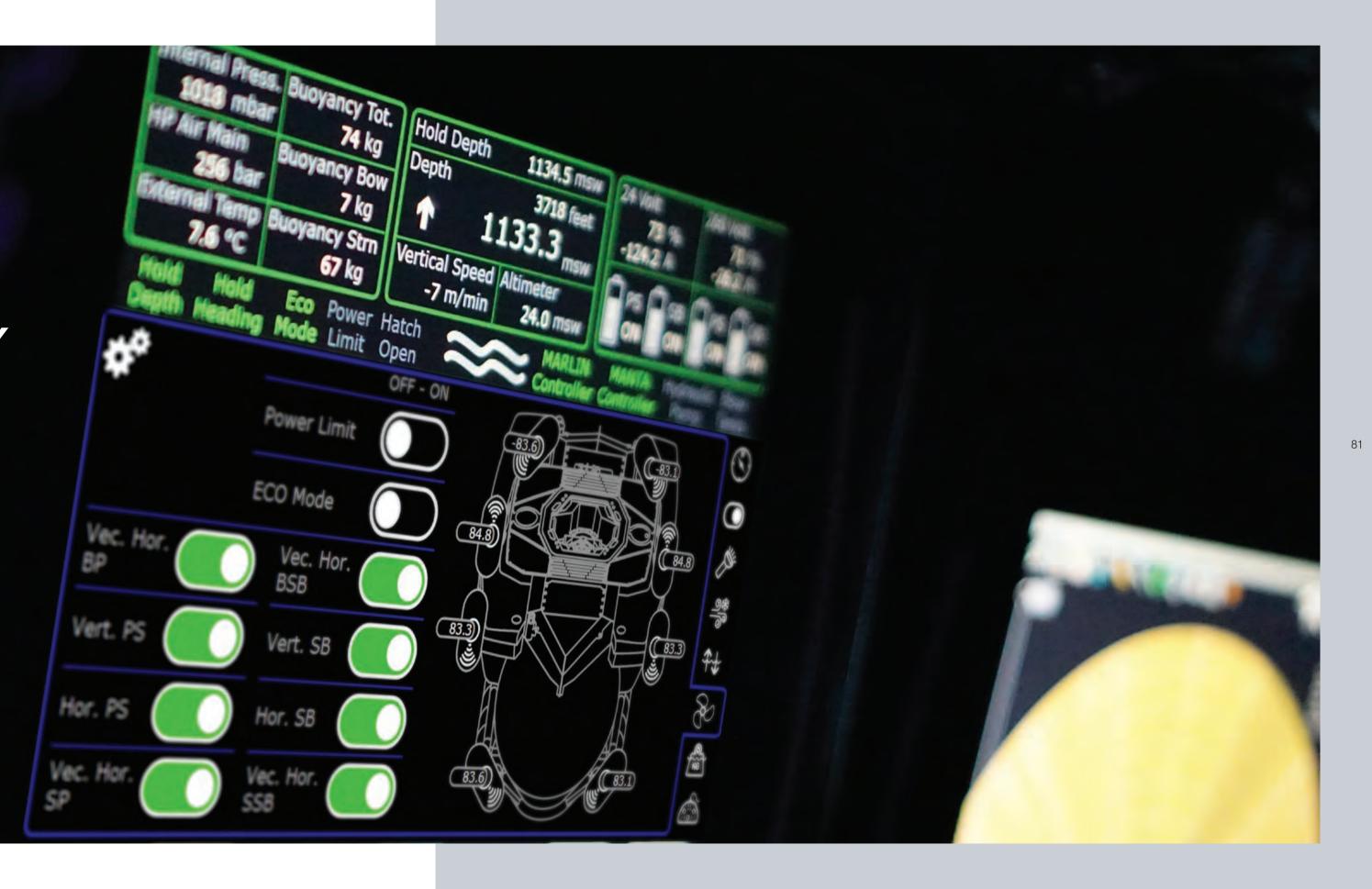
Another unique feature is the MARLIN Controller,
which further simplifies the launch and recovery phase
by remotely controlling the submarine while it is on
the surface.

MAXIMUM MANOEUVRABILITY

Complete flexibility and omni-directional movement are hallmarks of U-Boat Worx submersibles.

Intelligently designed thruster configurations optimised for maximum omni-directional manoeuvrability.

Advanced Computational Fluid Dynamics are used to streamline the hull to maximise the efficiency and decrease drag, delivering the necessary performance to counteract underwater currents.



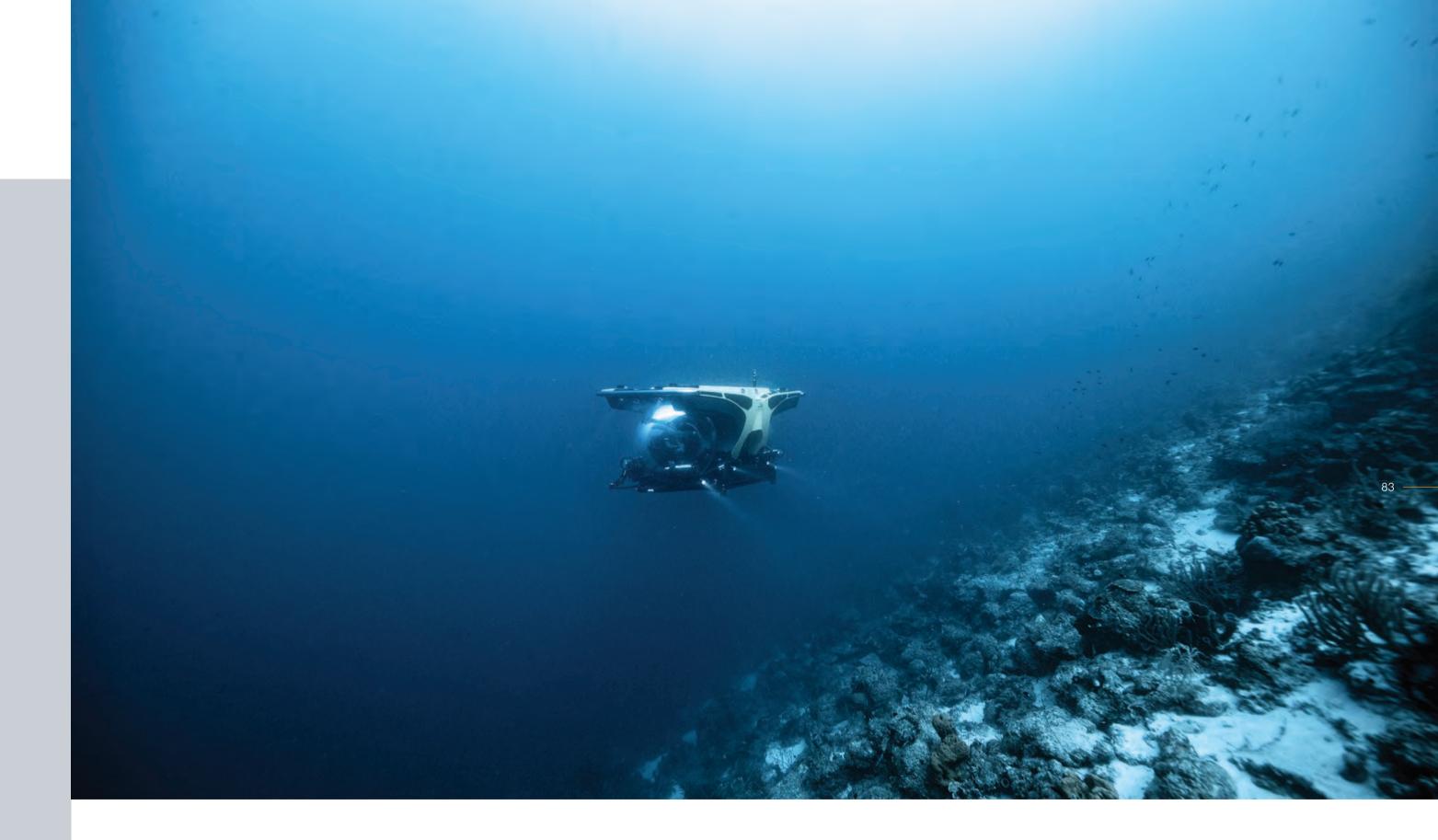
SUPERIOR ENDURANCE

U-Boat Worx submarines are designed with a full diving day capability. The high-capacity battery systems permit up to 18 hours of operation on some models. Our use of the latest generation Lithium-ion technology enables our submarines to be recharged in 4-6 hours, either aboard a support vessel or in the water.

Each submersible's endurance is enhanced by abundant oxygen capacity and large carbon dioxide filters.

Quick exchange mechanisms form part of the design of the oxygen cylinders, and carbon dioxide filters to facilitate non-stop diving as required.

U-Boat Worx submersibles can perform a minimum of eight dives per day without refilling, and some models can perform up to 12 dives without refilling.





UNCOMPROMISED SURFACE CAPABILITIES

U-Boat Worx submarines have been carefully designed to ensure total stability while on the surface.

Its decks provide easy and safe access for passengers. Ergonomically- designed handles and supports make the boarding procedures of U-Boat Worx submersibles straightforward and efficient.

Each submersible can also be towed at speed or travel under its own power on the surface.

Irrespective of sea conditions, U-Boat Worx submersibles maintain full responsiveness and power at all times.

MODEL OVERVIEW

SUBMARINES **FOR 1-4 OCCUPANTS**

SUNLIT ZONE (EUPHOTIC ZONE)

DEPTH 0 - 200 M0 - 660 FT

PRESSURE 1 - 21 BAR



TWILIGHT ZONE (DISPHOTIC ZONE)

DEPTH 200 — 1000 M 660 - 3300 FT

PRESSURE 21 - 101 BAR



C-RESEARCHER 3 C-EXPLORER 3 300 M



300 M



SUPER YACHT SUB 3 300 M



SUPER SUB 300 M





C-RESEARCHER 2 C-RESEARCHER 3 LOW HEIGHT 500 M



1,140 M **C-RESEARCHER 3** 1,140 M



C-RESEARCHER 3 LOW HEIGHT 1,700 M



C-RESEARCHER 3 2,500 M

C-RESEARCHER 2 3,000 M

MIDNIGHT ZONE (APHOTIC ZONE)

DEPTH 1000 M+ 3300 FT+

PRESSURE 101+ BAR

Note: the number following the model name denotes the number of occupants of the submersible. For example, the NEMO 2 seats 2 persons (1 pilot and 1 passenger).

9

SUBMARINES FOR 5-11 OCCUPANTS

SUNLIT ZONE (EUPHOTIC ZONE)

DEPTH 0 - 200 M 0 - 660 FT

PRESSURE 1 - 21 BAR

TWILIGHT ZONE (DISPHOTIC ZONE)

DEPTH200 — 1000 M
660 — 3300 FT

PRESSURE 21 - 101 BAR





200 M



CRUISE SUB 7 300 M

CRUISE SUB 9 300 M



C-RESEARCHER 5 300 M



CRUISE SUB 5 500 M

MIDNIGHT ZONE (APHOTIC ZONE)

DEPTH 1000 M+ 3300 FT+

PRESSURE 101+ BAR



CRUISE SUB 5 1,140 M

CRUISE SUB 7 1,140 M



1,700 M

Note: the number following the model name denotes the number of occupants of the submersible. For example, the C-Explorer 5 seats 5 persons (1 pilot and 4 passengers).

SUBMARINES FOR 9+ OCCUPANTS

SUNLIT ZONE (EUPHOTIC ZONE)

DEPTH 0 - 200 M 0 - 660 FT

PRESSURE 1 - 21 BAR

TWILIGHT ZONE (DISPHOTIC ZONE)

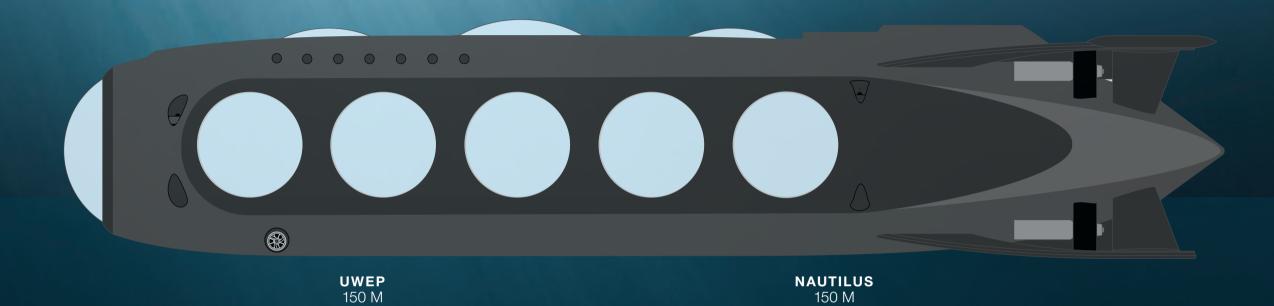
DEPTH200 — 1000 M
660 — 3300 FT

PRESSURE 21 — 101 BAR

MIDNIGHT ZONE (APHOTIC ZONE)

DEPTH 1000 M+ 3300 FT+

PRESSURE 101+ BAR

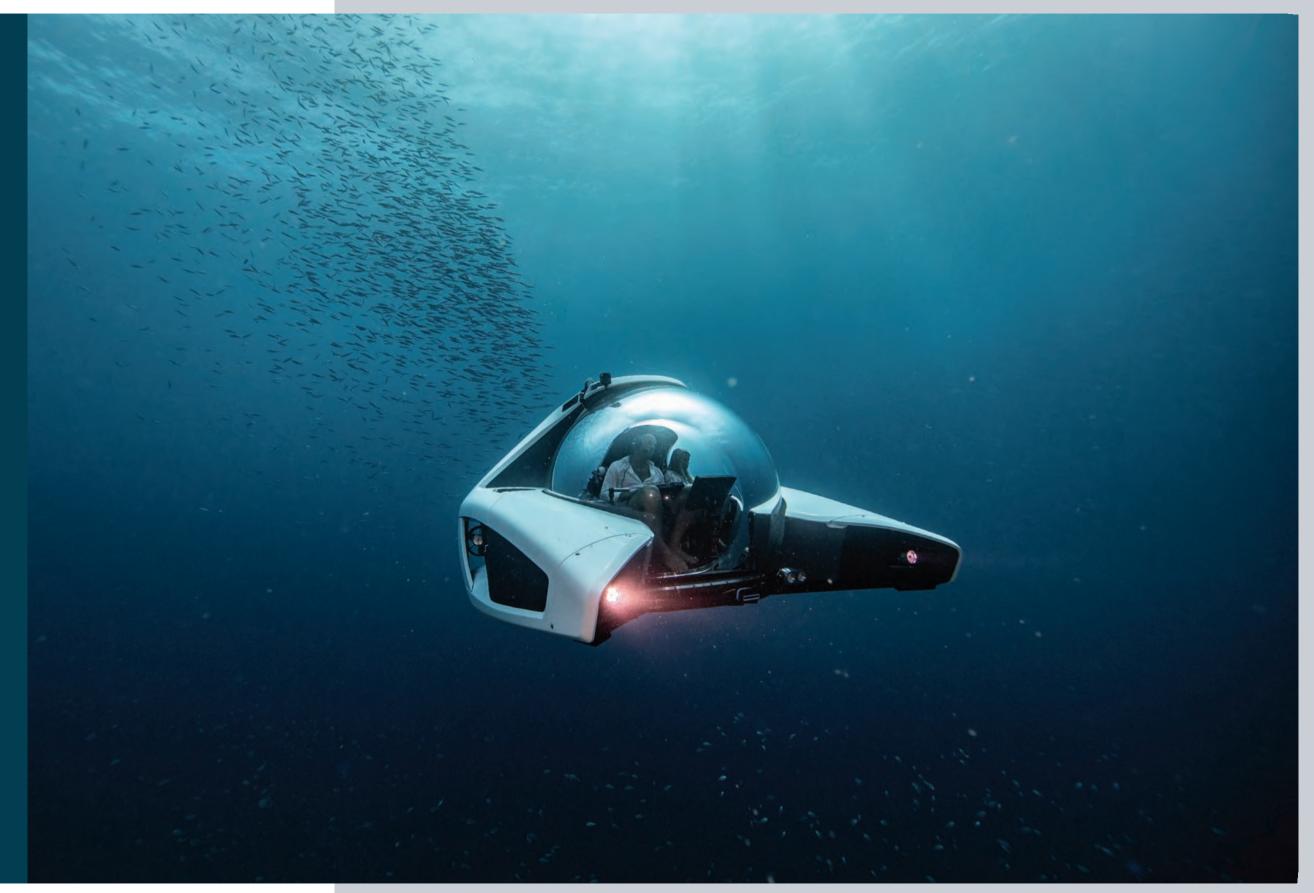


93

0

NEMO

NEMO 2 100 M

















NEMO OVERVIEW





NEMO 2



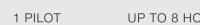


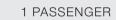
100 METERS





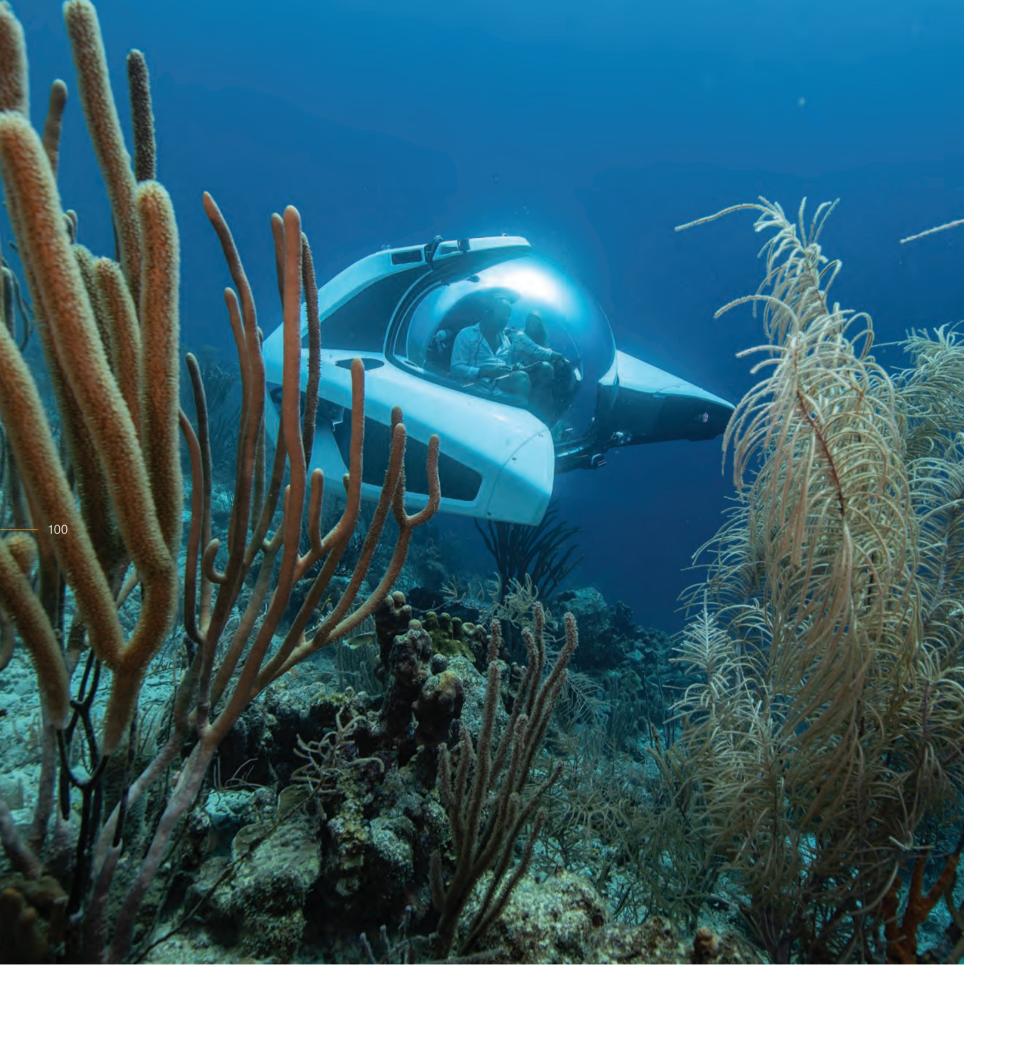








UP TO 8 HOURS



SUBSEA ATHLETICISM

U-Boat Worx' NEMO Series submersibles fuse breathtaking performance credentials with a design that conceals its comparatively light weight.

The athletic proportions and dynamically flowing lines offer unmatched hydrodynamic performance.

Weighing in at 2,500 kg, the NEMO 2 is the lightest 2-seat manned submersible ever built. With its low profile, the submarine stands only 150 centimeters above the deck.

The NEMO 1 is designed exclusively for a sole pilot, offering a luxuriously designed interior with an almost 360-degree view. At only 2,000 kg and 150 centimeters in height, it is the lightest single seat submersible on the planet.

With these two key features, the NEMO series are suited for a wide range of applications and will fit on a variety of ships. Thanks to its low weight, the NEMO series can even be placed on a boat trailer and towed.

Its curved lines emphasize the submarine's aquiline profile, while overall visibility through the acrylic sphere is crystal clear.



LAUNCH SOLUTIONS

We supply the complete package to launch your NEMO anywhere.



BEACHLAUNCHER

In conjunction with our partner Beachlauncher,
we have developed a solution to launch your
NEMO from the beach. This chain-driven, wireless

remote-controlled Beachlauncher is capable of launching the NEMO in minutes.



NEMO TRAILER

We have developed a system to launch and recover the NEMO submarine from standard slipways found in most marinas.

When it comes time to haul your NEMO, you need a functional trailer that will take care of your precious cargo. Our heavy-duty galvanised and aluminium trailers are built to endure the punishing environmental stresses of marine and road use season after season without corroding. The trailer can be tailored to your requirements and is specified to your local road regulations.



10:





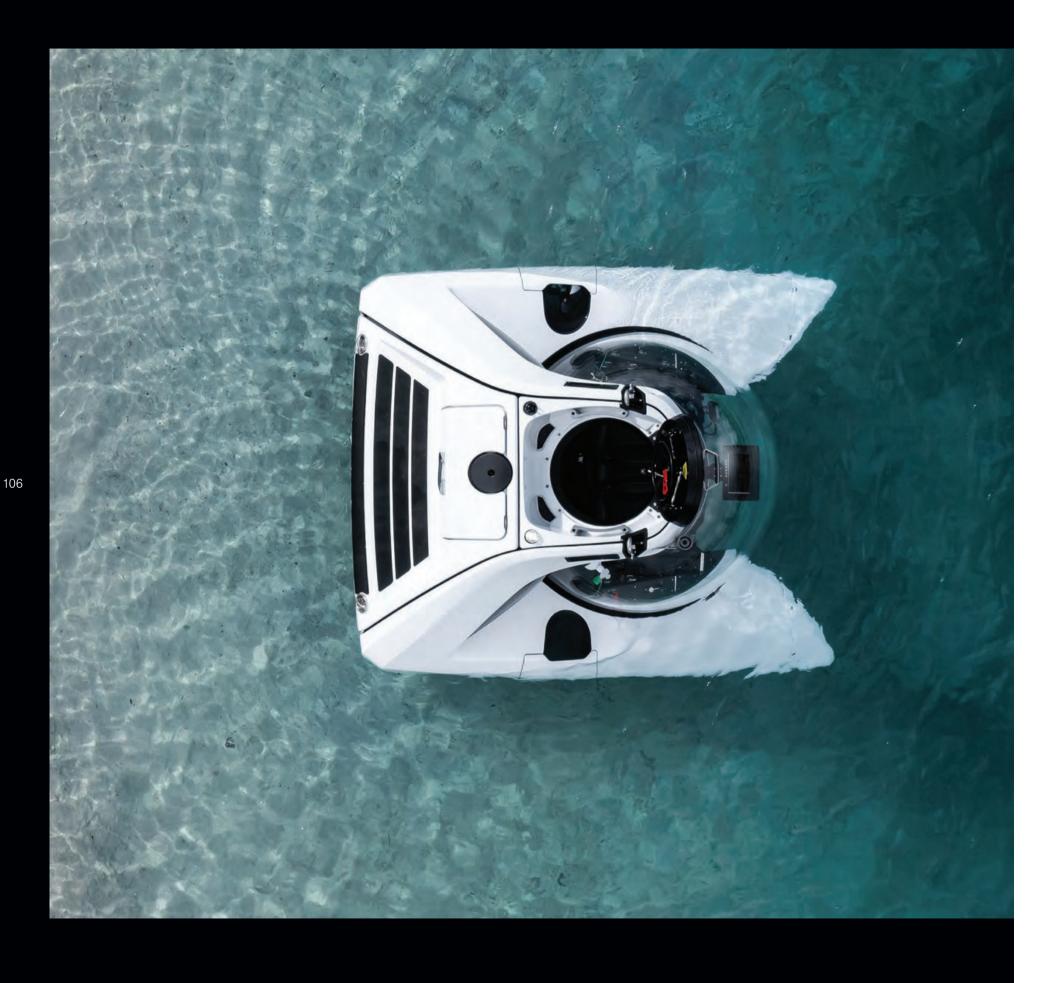
EASY MOBILISATION

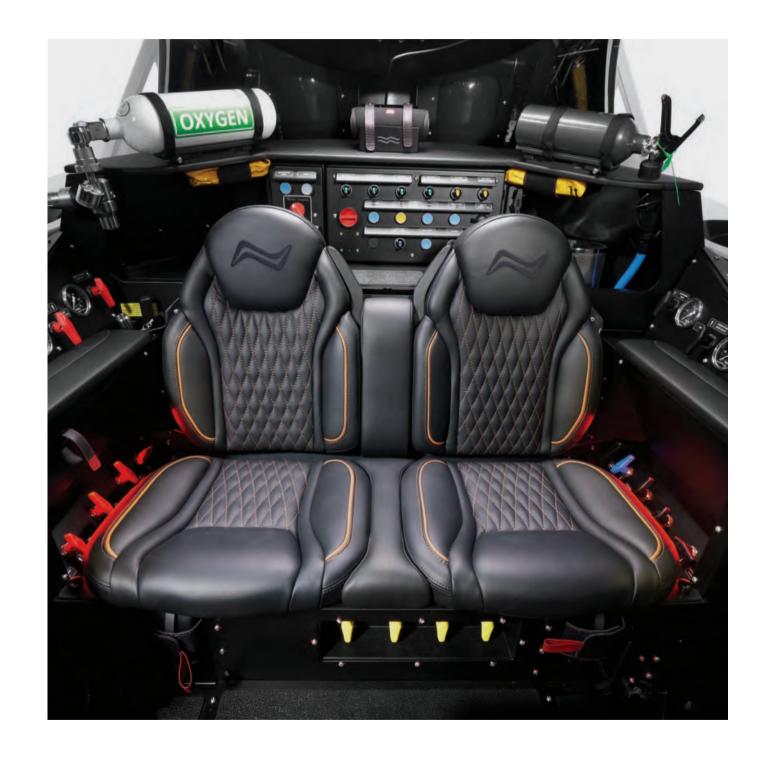
The NEMO submarine, complete with its operational equipment and support systems, can be easily stored in a 20 or 40 ft container.

The NEMO can even be transported as cargo in a commercial airliner.













BOAT HOUSE

We have partnered with a number of custom
boathouse builders that will help build your NEMO's
ultimate waterfront home. Launching and storing
your NEMO submarine will never become easier.
Challenge us to bring your family's vision for the
most remarkable boathouse to life!

NEMO LIFT

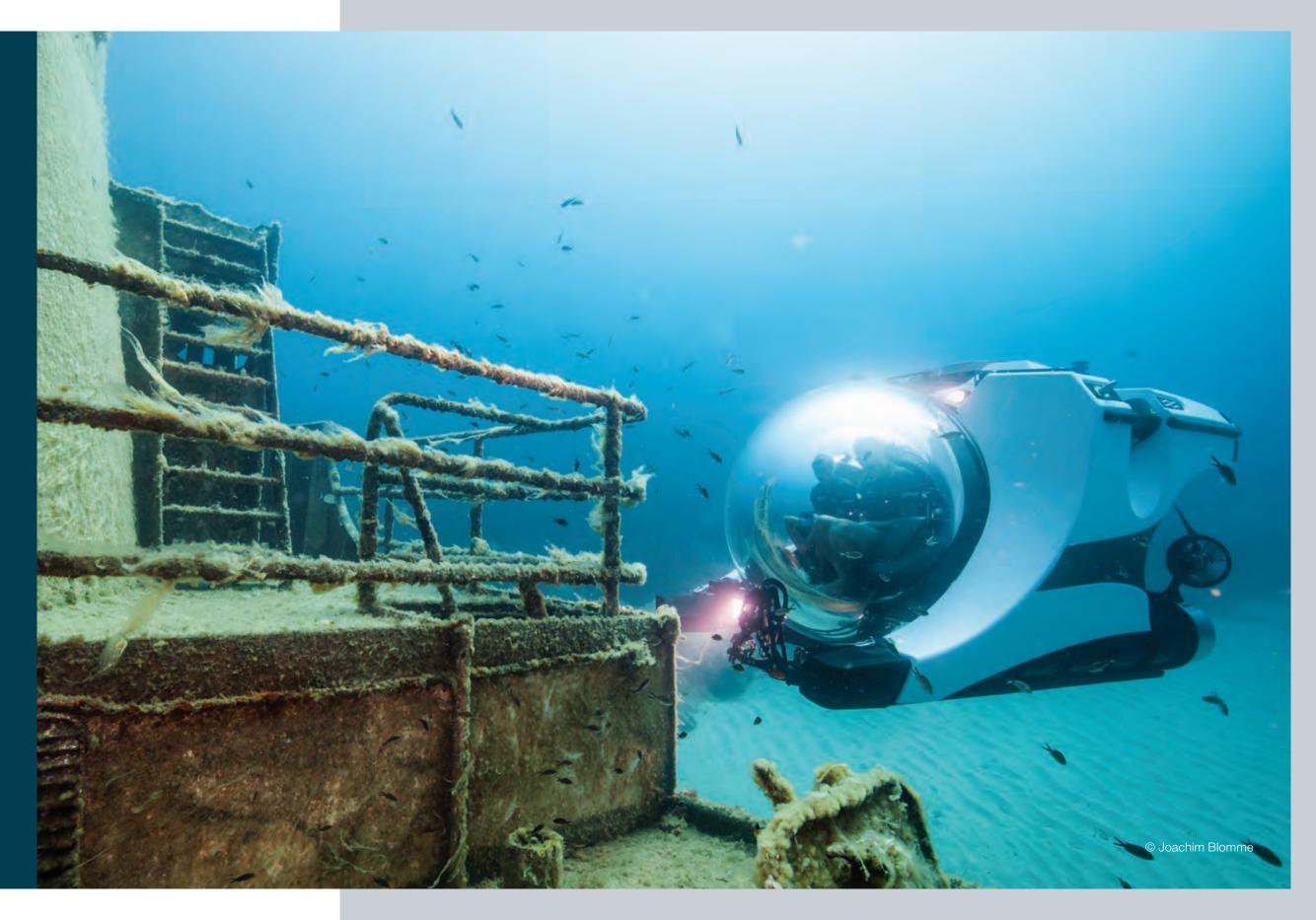
The NEMO docklift is the easiest solution to extend your waterfront property with submarine capabilities.

Over-engineered for maximum safety and over-built for superior durability, the NEMO docklifts withstand the effects of brackish and saltwater for the years to come.



SUPER YACHT SUB 3

SUPER YACHT SUB 3



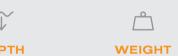
112

SUPER YACHT SUB 3 OVERVIEW



SUPER YACHT SUB 3





300 METERS





1 PILOT

2 PASSENGERS



UP TO 12 HOURS



THE ULTIMATE IN SUPERYACHT LUXURY

Compact and luxurious private submarines especially designed to fit aboard superyachts, the Super Yacht Sub 3 opens the world beneath the waves to superyacht owners.

The Super Yacht Sub 3 offers best-in-class performance and has set the standard with successful delivery to a number of the world's most iconic superyachts.









FREEBOARD EXTENDER

All of our submersibles are designed with ample height between the hatch and the waterline, the so-called "freeboard". To make the Super Yacht Sub as low as possible, we designed and developed the Freeboard Extender.

The Freeboard Extender is a sliding barrier that increases the freeboard. When lowered, the Super Yacht Sub 3 only measures 174 cm. When fully extended it allows for safe boarding and operation of the submersibles even in rough conditions.





120

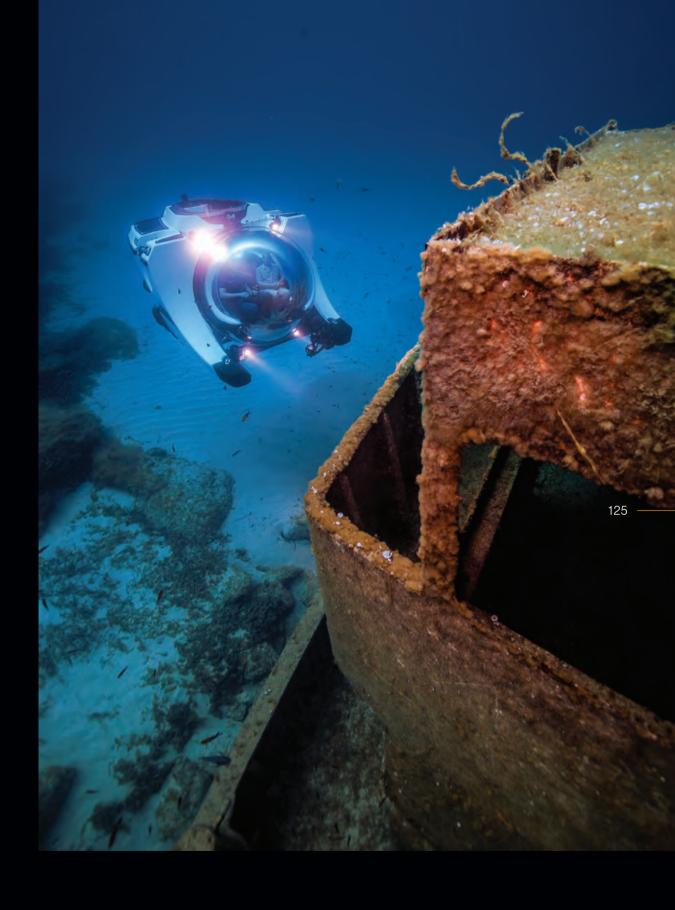
CLEAREST VIEW

To experience the underwater world in the optimal way, one of U-Boat Worx's design priorities has always been to offer the clearest possible view.

To ensure this, our remarkably clear, fully acrylic pressure hull has been positioned at the front of the submersible, providing an unobstructed view in every direction, unimpeded by ballast tanks, batteries and other components.







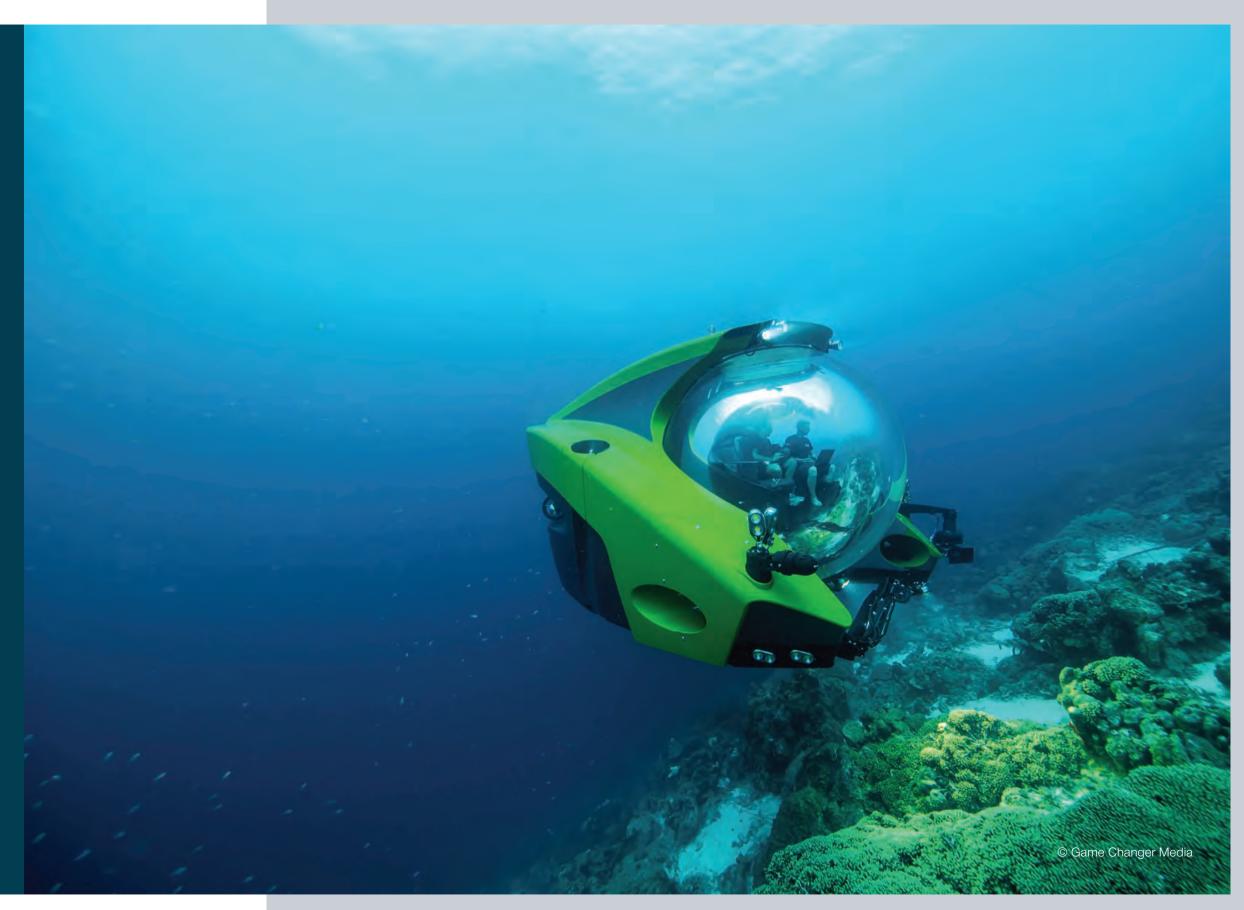
C-RESEARCHER SERIES

C-RESEARCHER 2 500 M · 1,140 M · 3,000 M

C-RESEARCHER 3 300 M · 1,140 M · 2,500 M

C-RESEARCHER 3
- LOW HEIGHT
500 M · 1,700 M

C-RESEARCHER 5 300 M



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C-RESEARCHER SERIES OVERVIEW





C-RESEARCHER 2



DEPTH

500 METERS

1,140 METERS

3,000 METERS

5,750 KG 7,200 KG 9,960 KG OCCUPANCY

1 PILOT

1 PASSENGER

UP TO 18 HOURS

 \bigcirc

ENDURANCE

C-RESEARCHER 3



DEPTH

300 METERS

1,140 METERS

2,500 METERS

WEIGHT
6,300 KG

6,300 KG 8,200 KG 11,300 KG OCCUPANCY

1 PILOT 2 PASSENGERS



ENDURANCE
UP TO 18 HOURS

ENDURANCE

C-RESEARCHER 3 - LOW HEIGHT



DEPTH

500 METERS

1,700 METERS

WEIGHT

4,060 KG 8,845 KG OCCUPANCY

1 PILOT UP TO 18 HOURS
2 PASSENGERS

C-RESEARCHER 5



DEPTH

300 METERS

WEIGHT

8,600 KG

OCCUPANCY

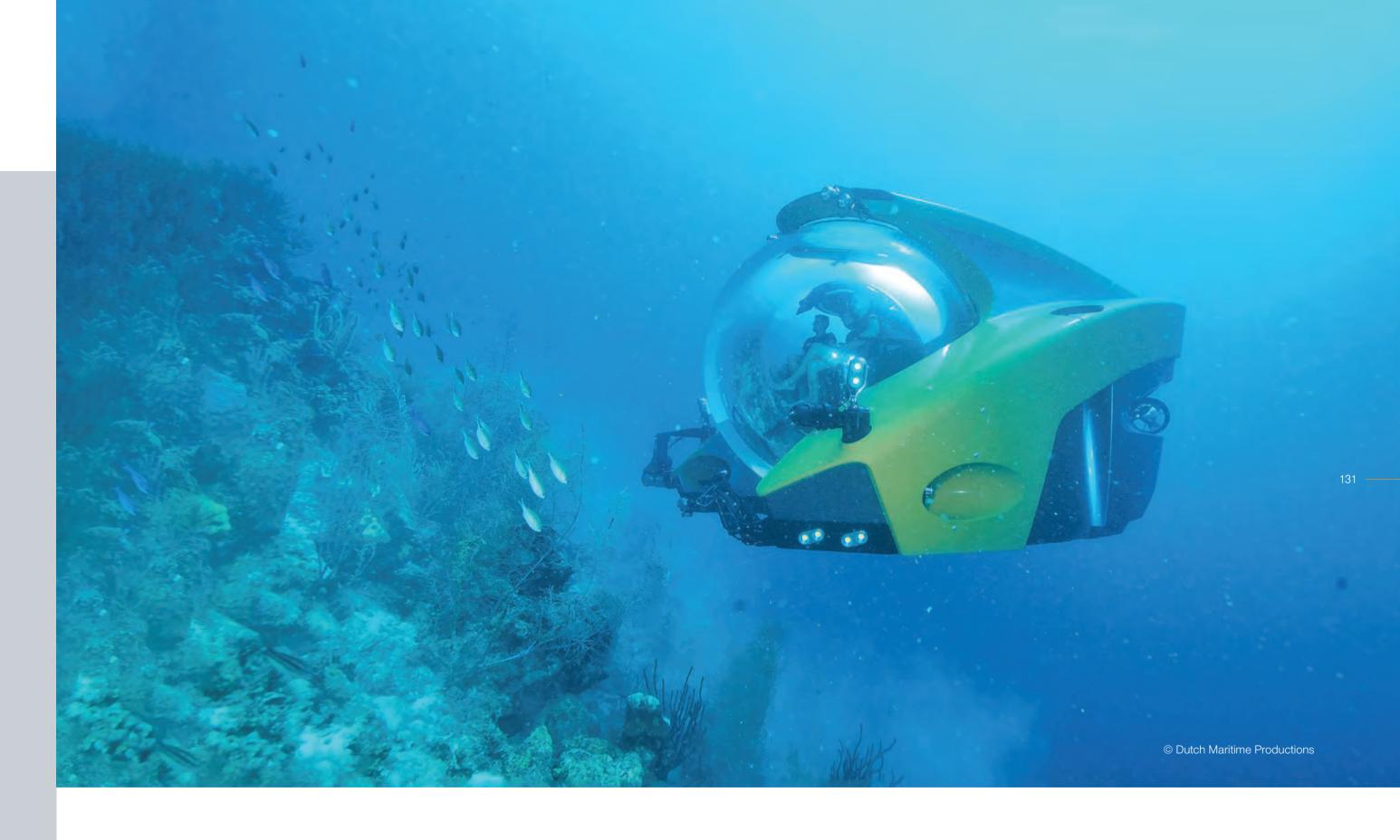
1 PILOT 4 PASSENGERS ENDURANCE

PILOT UP TO 18 HOURS

CHALLENGING LIMITS

The C-Researcher series offers scientists, researchers, documentary film-makers and underwater explorers the most outstanding submersibles ever built. Aside from the fact that these versatile submarines are ideally suited for research, their view, efficiency and speed also make them perfect for those who simply wish take in the views of the deep-sea.

The nine different submarines in the C-Researcher series enable private explorers and researchers to select the most suitable submersible for their specific mission objectives.



© Game Changer Media

PERFORMANCE UNDER PRESSURE

Our C-Researchers utilise U-Boat Worx' latest
Pressure-Tolerant Battery System. This new Lithium-ion
based battery technology offers up to 100% more capacity
than traditional private submarines. A total capacity of
62 kWh allows the C-Researcher models to extend
mission time and minimise operational limitations.

Abundant power has made it possible to apply more and stronger thrusters on our C-Researchers. Speed - both on the surface and underwater - is important to keep the submersible on course and in position. Another advantage is that greater depths can safely be reached in record time.

The Pressure-Tolerant Battery System also allows our subs to achieve great depths without dramatically increasing the weight of the submersible.

UNIMPEDED VIEW

To achieve a crystal-clear view, the latest techniques and finest quality materials are used to create the most optically-perfect acrylic sphere possible.

Hundreds of hours are spent polishing the viewport, guaranteeing the best view. By locating most of the submarine's systems at the stern (behind the spherical window), the widest field-of-vision is created – including downward view.

This means explorers can enjoy the most immersive experience possible, and will not miss a thing. Moreover, all external tools such as robotic manipulator arms can be easily observed for efficient and accurate control.





OPTIONS AND PAYLOAD

The C-Researcher subs are characterised by their abundant payload. This payload can be used for carrying many optional extras and collecting underwater objects.

An extensive list of tried-and-tested optional extras is available to expand the operational capabilities of the submersible to navigate, measure, record, collect, capture and manipulate. Custom tools can be designed upon request and per client specification. Whatever your needs may be, our in-house engineering team can develop the right tools for the job.







SUPER SUB 300 M



SUPER SUB OVERVIEW



SUPER SUB





9,000 KG 300 METERS

WEIGHT



1 PILOT

2 PASSENGERS



UP TO 18 HOURS



THE RENAISSANCE OF A DREAM

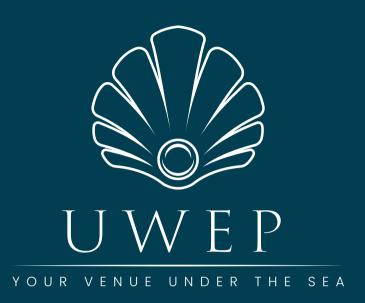
This highly evolved addition to the U-Boat Worx range is the hybrid of the extensive fleet. Engineered to deliver 100 kW of thrust, which provides incredible manoeuvrability due to streamlined design of the sub. Delivering brutal performance in total comfort. The advanced wing design and best-in-class propulsion system provide the smoothest and fastest underwater ride allowing for steep climbs and dives.

All of these industry leading attributes combine to provide a very safe, comfortable and exhilarating underwater experience while maintaining an almost 360 degree view through the optically perfect acrylic sphere.

If you are looking for an experience that will get your heart pumping, look no further. The Super Sub experience is like flying a jet underwater. Imagine being able to follow schools of marine life or witness large predators on their hunt.













YOUR VENUE UNDER THE SEA

The UWEP (Under Water Entertainment Platform) presents a new class of exceptionally spacious privately-operated entertainment submarines that can carry up to 120 guests (excluding crew and staff) in a fully conditioned environment to a depth of 150 meters.

The UWEP offers over 150 m^2 (1,600 sq. ft.) of configurable venue space that can be tailored to the operator's requirements.

A Michelin-star underwater restaurant, one-of-a-kind casino, unique conference location, world's most exclusive wedding venue; the possibilities are only limited by your imagination.

14 large windows with a diameter of 4.5 meters will connect the guests with the fascinating underwater world and the seemingly endless deep. A series of high intensity spotlights enlighten the surroundings of UWEP like wrecks, rock formations or beautiful corals and offer complete unknown sceneries and even a view on new forms of life.

With UWEP we are not talking about an attraction like a big aquarium with all kinds of underwater life exhibited in an unnatural way; no, we are talking about a real life experience of silence and beauty underwater. UWEP will offer people some insight of the mysteries of life underneath the surface. And what about a sparkling party in the twilight zone next to an impressive wreck or a quiet trip along the beautiful corals.

UWEP is the ultimate flexible platform and completely multipurpose. Entrepreneurs may come up with all their ideas to realise their ambitions.

UWEP OVERVIEW





UWEP





150 METERS

DISPLACEMENT

1,050 TONS

OCCUPANCY

3 CREW

UP TO 10 STAFF

120 PASSENGERS

ENDURANCE

UP TO 18 HOURS

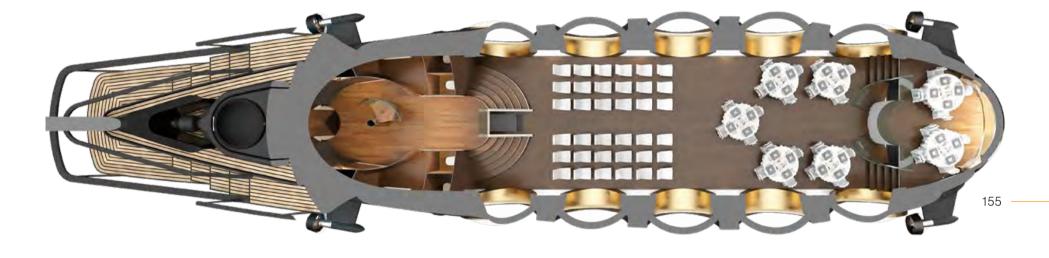
UP TO

CONFIGURATION OPTIONS

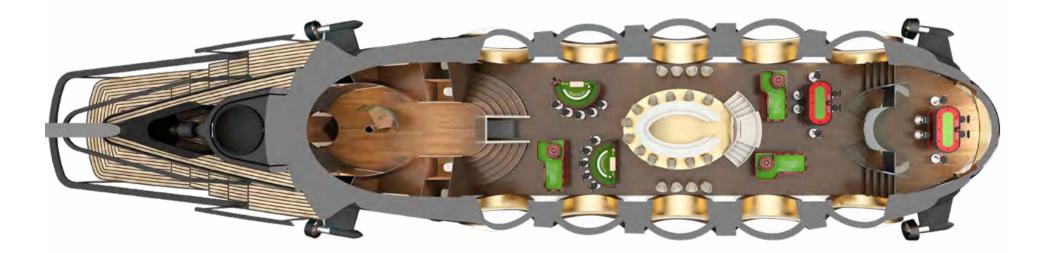
RESTAURANT



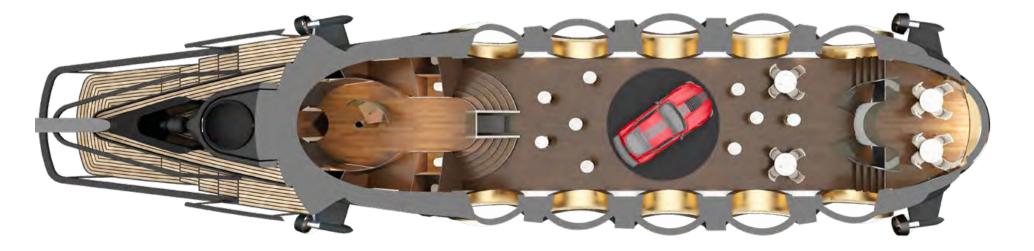
WEDDING VENUE



CASINO



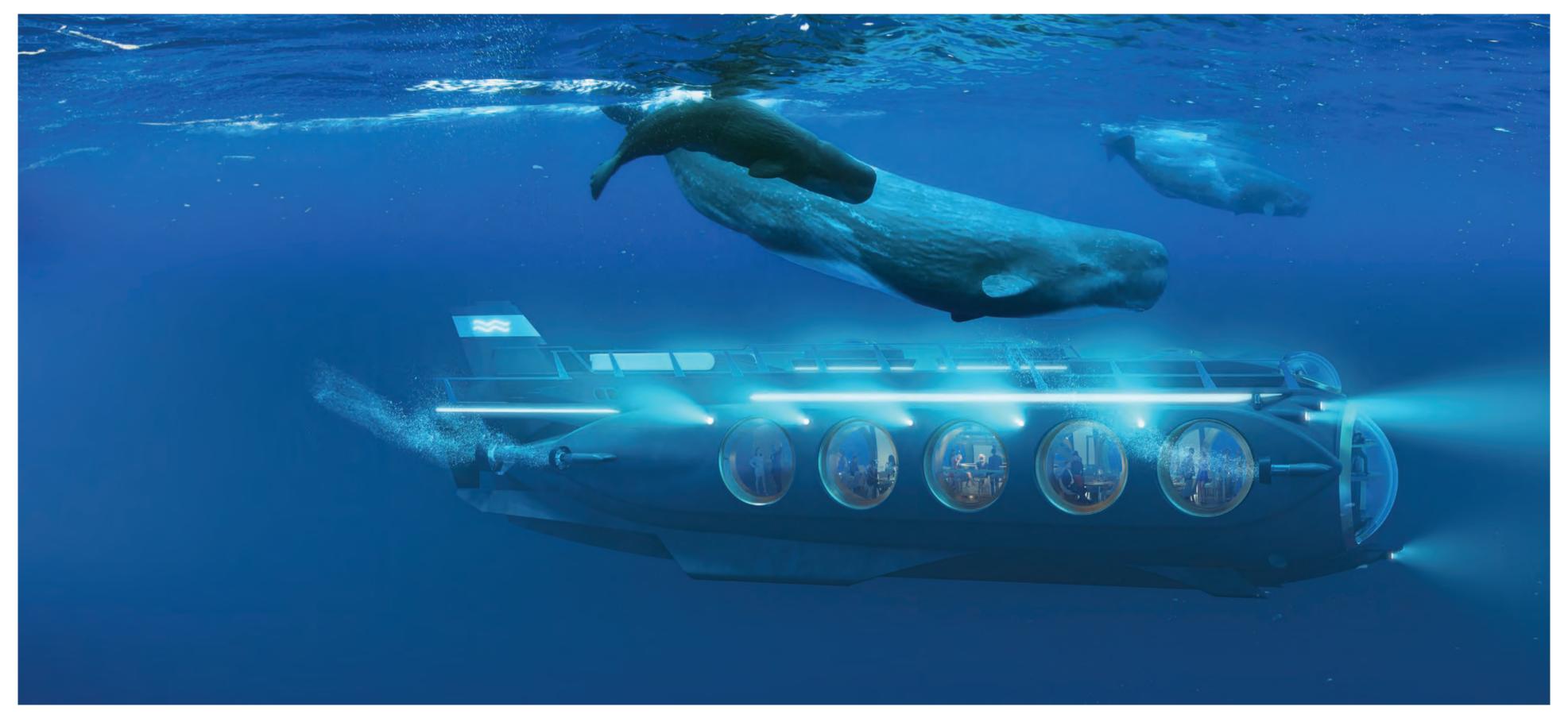
PRODUCT PRESENTATION











SUNDECK

The UWEP also features a sundeck with over 85 m² of deck space, complete with safety railings. Your guests can relax and watch the sunset after an exhilarating dive.

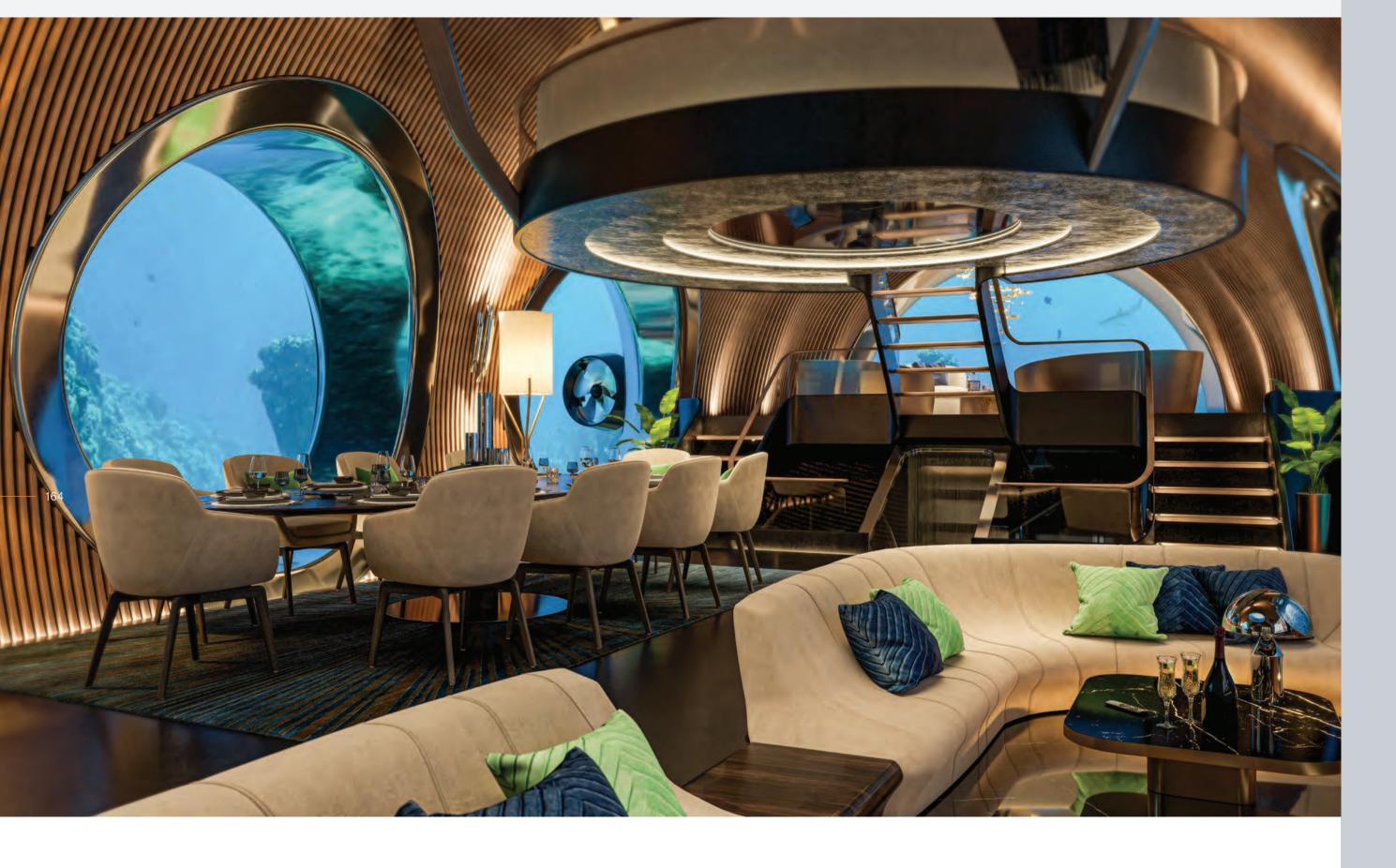






NAUTILUS 150 M





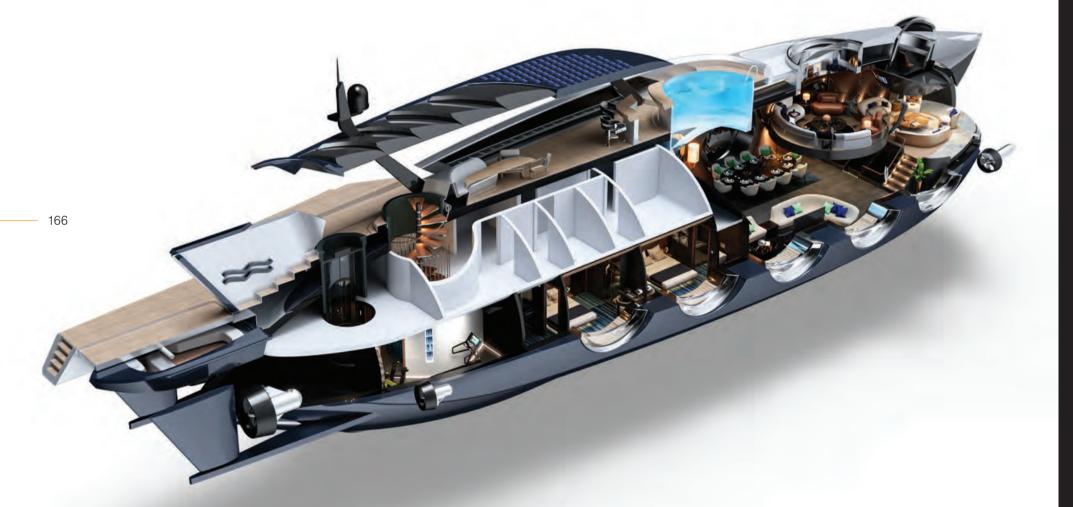
LUXURY YACHT SUBMARINE

The diesel-electric yacht submarine Nautilus has a depth rating of 150 meters, with a surface cruise speed of 9 knots and an underwater speed of 4 knots.

When functioning as a yacht, the Nautilus will offer a massive sundeck equipped with a freshwater pool, a bar, and a luxurious dining table. This all fresco arrangement will be retracted before the submersible slips below sea level.

The Nautilus's interior features a 50 m2 (538 sq. ft.) dinner and lounge area with four circular windows each with diameters close to 4 meters. Initial designs for the sub have a master stateroom and four guest rooms, as well as sleeping quarters for up to six crew. A fully equipped galley makes cooking an underwater meal simple and fun. However layouts are fully customisable, and available in a large variety of configurations.

NAUTILUS OVERVIEW



NAUTILUS





150 METERS



1,610 TONS







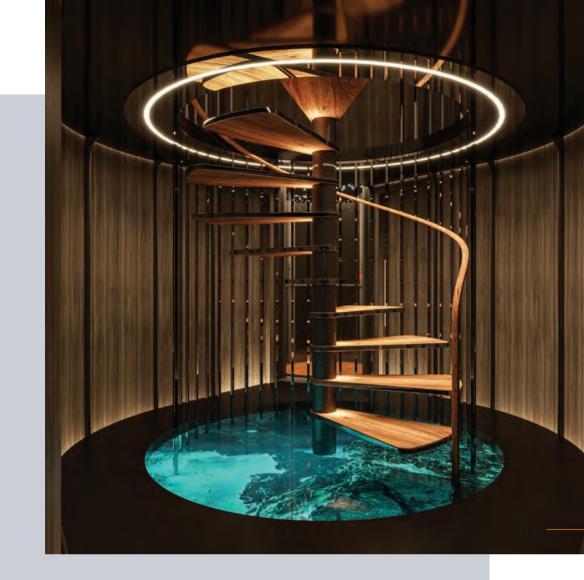
3,200 NM

UP TO 10 PASSENGERS

7 CREW











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YACHT FUNCTIONALITY

The sundeck aboard the Nautilus is a luxurious outdoor area, perfect for relaxing and enjoying the beauty of the underwater world. With its bar and jacuzzi, guests can indulge in a drink or soak up the sun while taking in the surroundings. Whether you're lounging on a chaise or soaking in the jacuzzi, the sundeck offers the perfect escape from the confines of the submarine. It's an ideal space for unwinding and appreciating the beauty of the sea.

The Nautilus submarine features a retractable beach club and a swim platform, providing passengers with easy access to the water for swimming, snorkeling, and other water activities. The beach club can be equipped with comfortable seating and lounge chairs, making it the perfect spot to relax and enjoy the sunshine.



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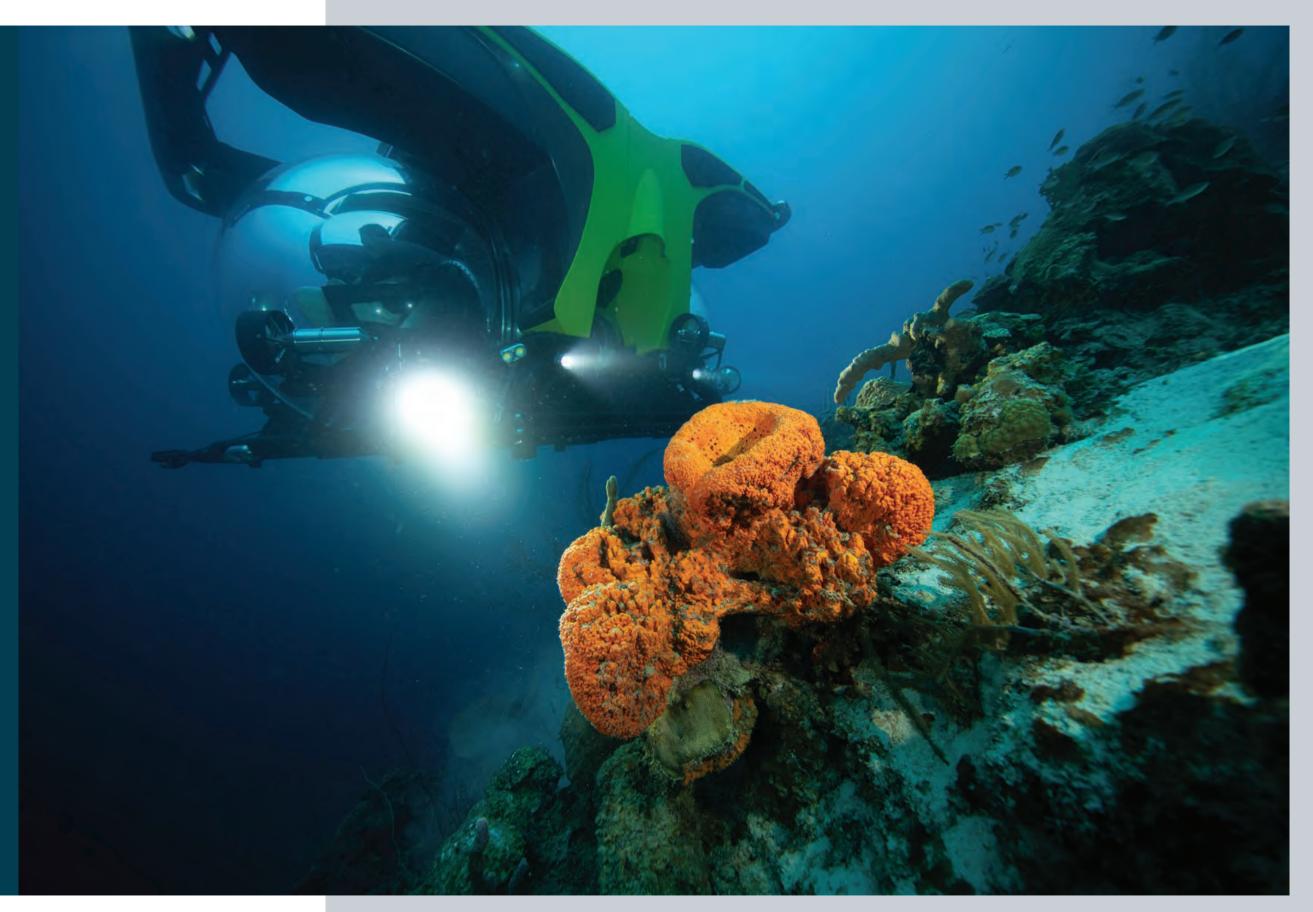
CRUISE SUB SERIES

CRUISE SUB 5 500 M · 1,140 M · 1,700 M

CRUISE SUB 7 300 M · 1,140 M

CRUISE SUB 9 300 M

CRUISE SUB 11 200 M



CRUISE SUB SERIES OVERVIEW





CRUISE SUB 5



DEPTH

500 METERS

1,140 METERS

1,700 METERS



8,500 KG

11,000 KG

16,000 KG







ENDURANCE

1 PILOT 4 PASSENGERS

OCCUPANCY

UP TO 18 HOURS

CRUISE SUB 7



DEPTH

300 METERS 1,140 METERS

WEIGHT

10,000 KG 14,500 KG



ENDURANCE

1 PILOT 6 PASSENGERS UP TO 18 HOURS

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CRUISE SUB 9



DEPTH

300 METERS

WEIGHT

11,000 KG



OCCUPANCY

8 PASSENGERS

ENDURANCE

1 PILOT

CRUISE SUB 11



DEPTH

200 METERS

WEIGHT

13,300 KG

OCCUPANCY

1 PILOT

UP TO 18 HOURS 10 PASSENGERS





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ENDURANCE

SHARE YOUR DEEPSEA EXPERIENCES

The Cruise Sub series offers cruise liners, high-end tourism operators, deep-sea ocean researchers, documentary film-makers and discerning private underwater explorers a broad selection of submersibles for 5, 7, 9 or 11 people that can dive to depths from 200 to 1,700 meters.

These unique submarines can accommodate the largest number of occupants of all U-Boat Worx submersibles, while delivering first-class performance, revolving seats, and the ultimate in safety and comfort. Thanks to the double-ended viewport design and numerous interior and exterior customisation options, these subs can be adapted to suit many different applications.

Since the inception of the Cruise Sub series in 2018, more than 16 units have been designed, built, sold, and are deployed in active dive operations. No other company has sold more submersibles of the same type – or even combined. These submersibles have achieved record sales and enjoy continued success, being the most sought-after in the industry.



BOARDING POSITIONS

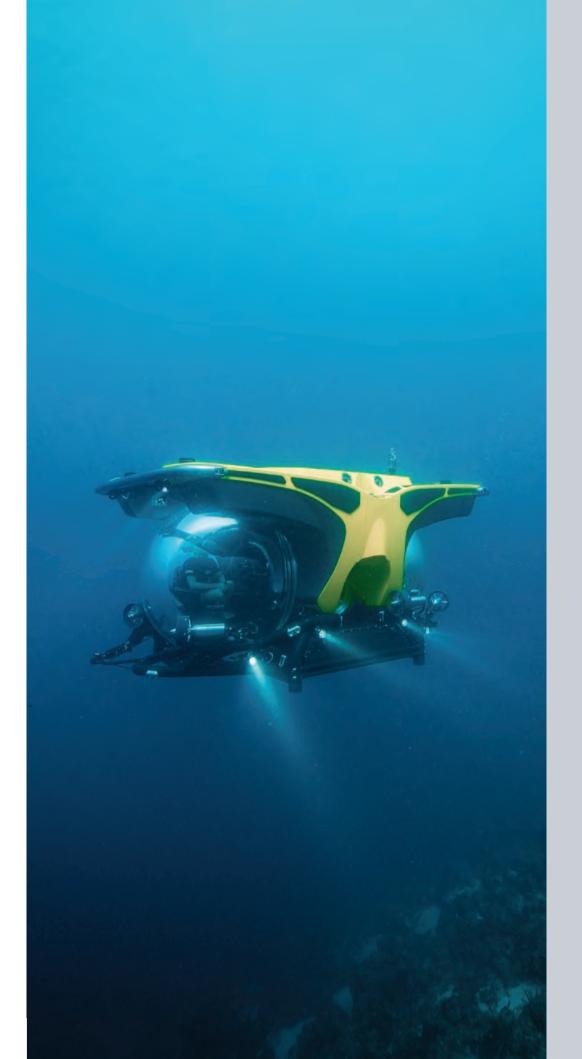


TRANSVERSE POSITIONS



INDEPENDENT POSITIONS



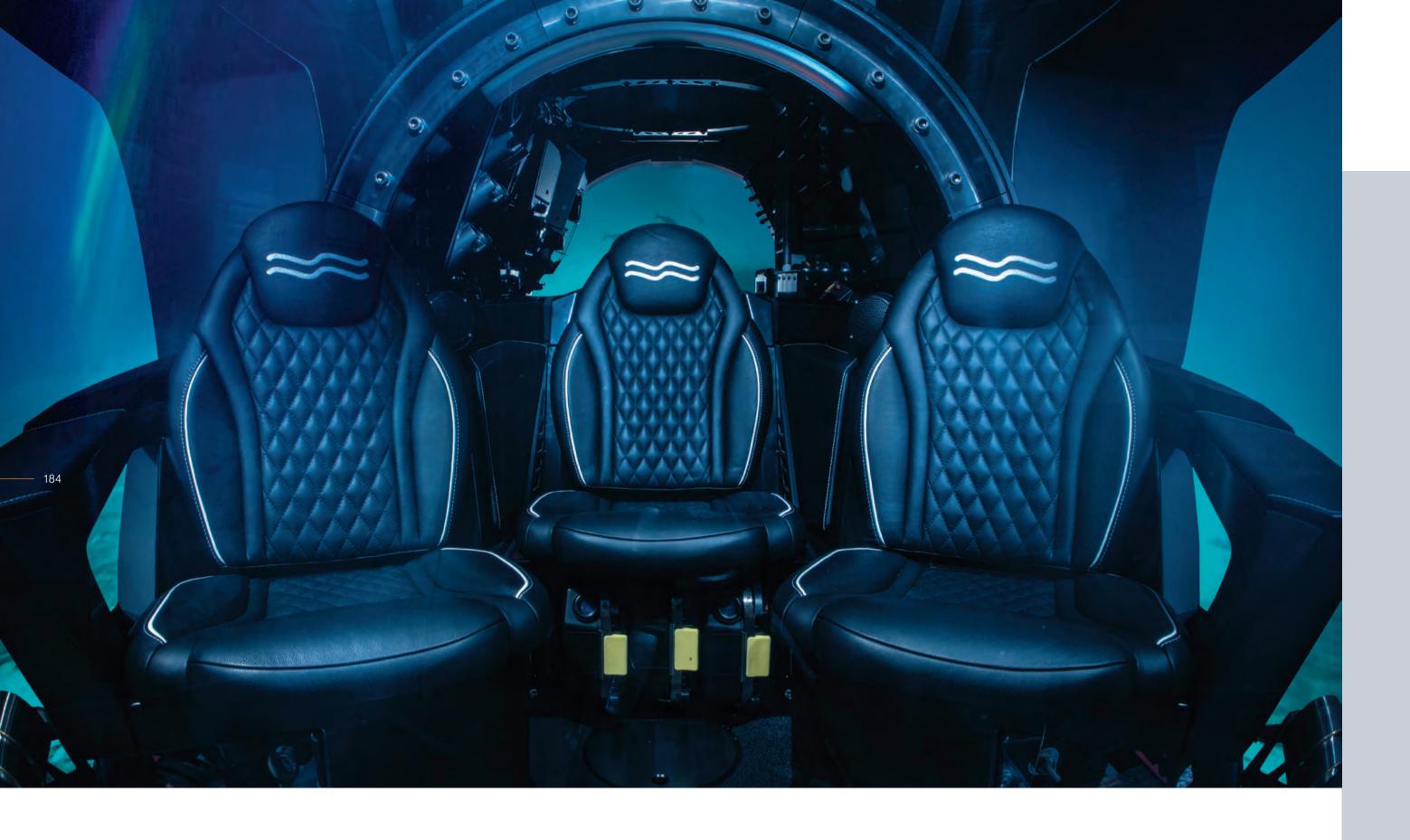


THE BEST VIEW FOR EVERYONE

The exceptional architectural design of the Cruise Sub with its large acrylic sphere offers an incomparable immersive experience. All passengers share the same unique, unimpeded view in all directions. The passenger seats in each sphere are placed on a revolving platform that can turn to face any direction.

With a revolving interior, the Cruise Sub requires omni-directional movement; as such, six or eight thrusters ensure that the Cruise Sub can travel in all directions. Even lateral or reverse movement is easy for the Cruise Sub.

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BESPOKE INTERIOR

Yacht owners and deep-sea explorers may opt to customise their private Cruise Sub interiors with bespoke lounge seating arrangements, a toilet, and privacy screens.

EASY BOARDING

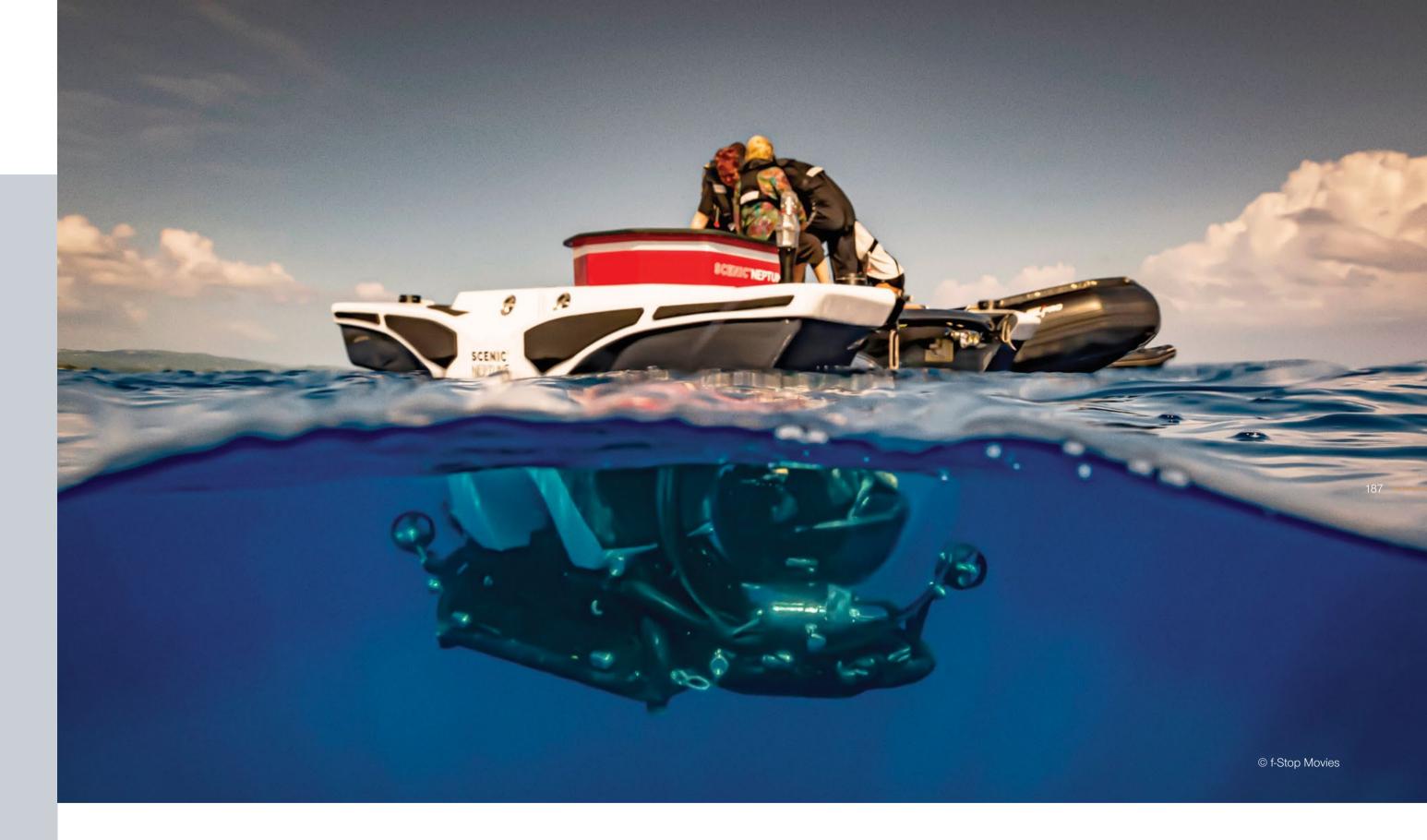
The Cruise Sub is highly stable yet deftly manoeuvrable on the surface. These are very important characteristics for easy boarding of the sub. Nobody gets wet feet while embarking or disembarking our Cruise Subs!

Ergonomic and strategically placed handrails, grips and steps help explorers young and old to board safely and comfortably.

While boarding the Cruise Sub, both seating platforms face the middle, which allows passengers to get to their seats in comfort and style. Underwater, passengers may choose this face-to-face configuration to share in the experience and enjoy each other's company.

Our Cruise Subs also feature the innovative Freeboard

Extender, which is the purpose-built movable barrier that
increases the distance between the water and the hatch
opening. It simultaneously allows for the submarine
to be operated in rough conditions and be stored in
low-height garage spaces when lowered.















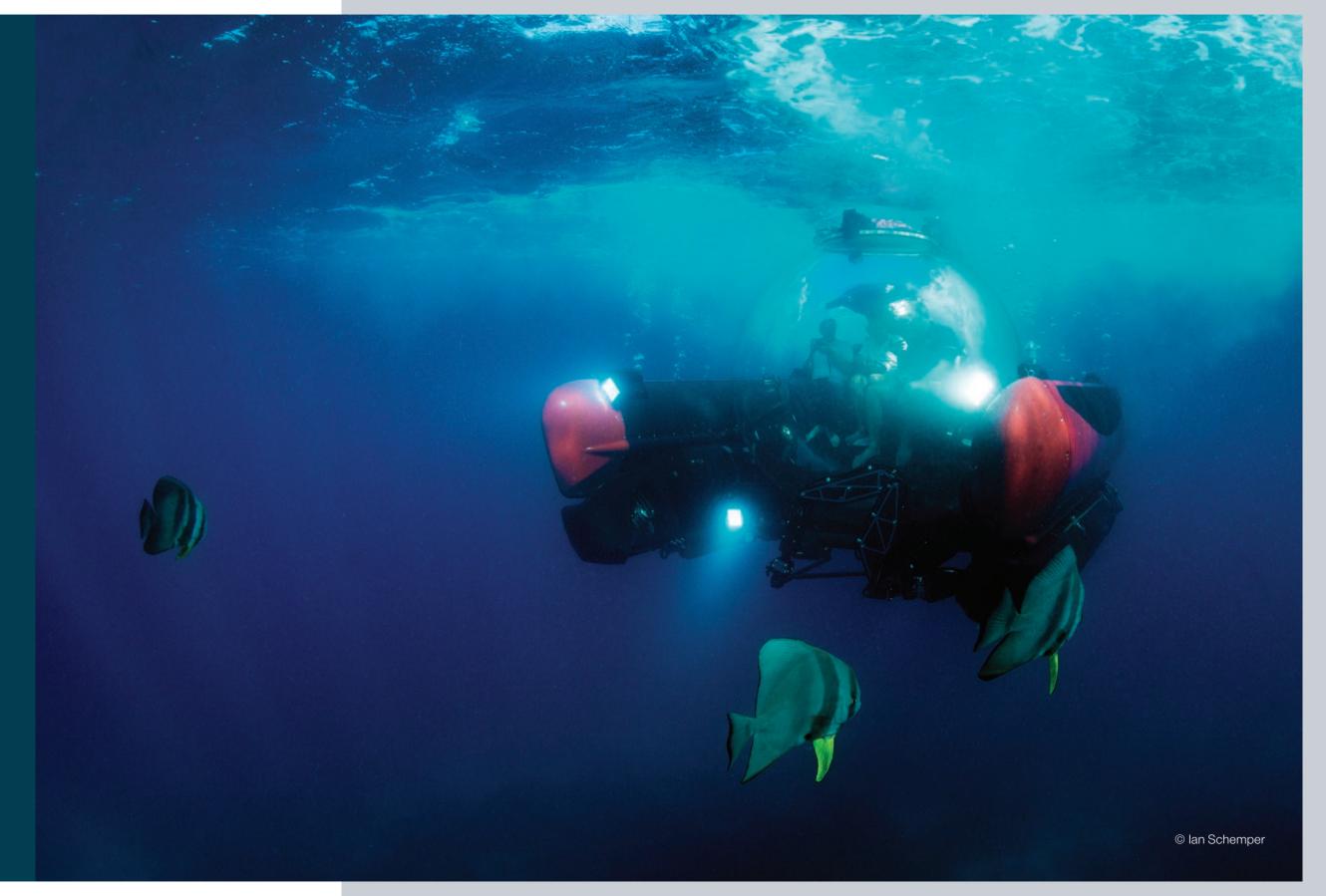




C-EXPLORER SERIES

C-EXPLORER 3

C-EXPLORER 5 200 M



C-EXPLORER SERIES OVERVIEW



C-EXPLORER 3





300 METERS









6,010 KG

UP TO 16 HOURS 1 PILOT

2 PASSENGERS

C-EXPLORER 5





200 METERS

DEPTH

7,350 KG



OCCUPANCY

1 PILOT 4 PASSENGERS



UP TO 16 HOURS



Divers have complete freedom to explore dive sites that have never previously been viewed, either by recreational or professional divers, or unmanned submersibles equipped with cameras. Thousands of unexplored wrecks, numerous marine species, and dazzlingly beautiful coral reefs lie waiting to be discovered.

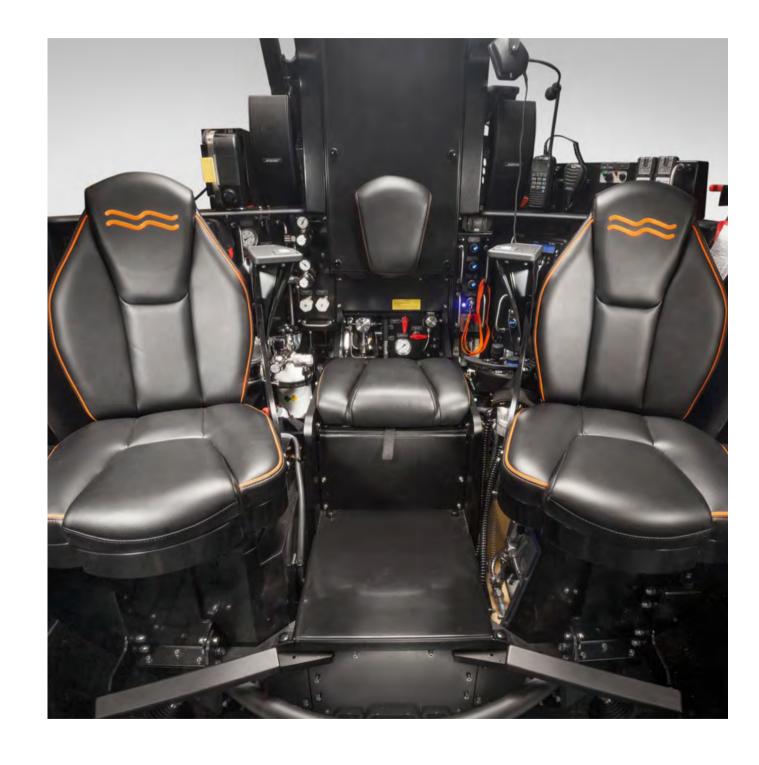
Our state-of-the-art submarines are used for private exploration by yacht owners, and also deployed for tourism purposes from cruise ships and high-end resorts. Equipped with scientific toolkits available from our extensive list of optional extras, C-Explorer submersibles are without peer in the field of oceanographic research, and other professional applications.



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FLEXIBLE DIVING TANKS

Diving tanks provide buoyancy and stability on the surface.

U-Boat Worx's flexible diving tanks are made of the synthetic rubber material, Hypalon®.

When deflated to dive they completely compress, and do not replace their volume with water. This greatly increases underwater performance as there is no additional underwater mass, while also improving the sub's streamline. Storing the submersible with deflated diving tanks also requires less space.





SUPERIOR ENDURANCE

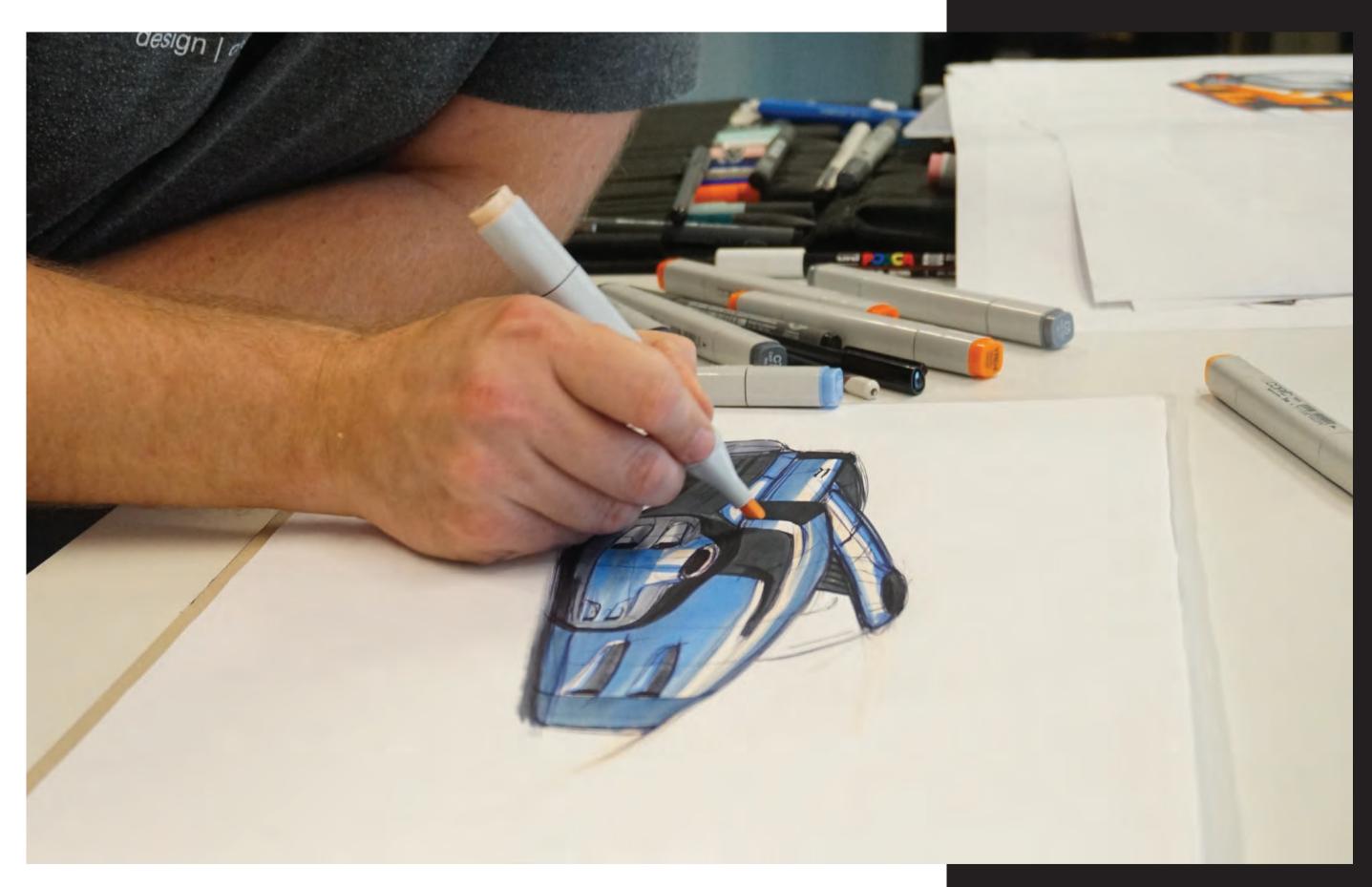
Unlike other submersibles with lead-acid batteries,
U-Boat Worx submersibles employ the latest in Lithium-ion
battery technology. U-Boat Worx has made considerable
investment in Lithium-ion technology to provide longer
operational endurance and extremely rapid recharging
capabilities. Up to 16 hours dive time underwater is
achievable, even if travelling at fullspeed. U-Boat Worx is
the first and only submersible manufacturer that has been
using Lithium-ion batteries since 2009.

EVER-READY

Some may assume that preparing a submersible ahead of each dive is a time-consuming operation. However, owners of U-Boat Worx submersibles know that their submarines are simple, efficient, quick and easy to launch and recover.

Pre-dive preparations are swiftly executed by our effective design, state-of-the-art software and smart checklists that ensure your submersible is ready to dive whenever you are.





CUSTOM SUBMERSIBLES

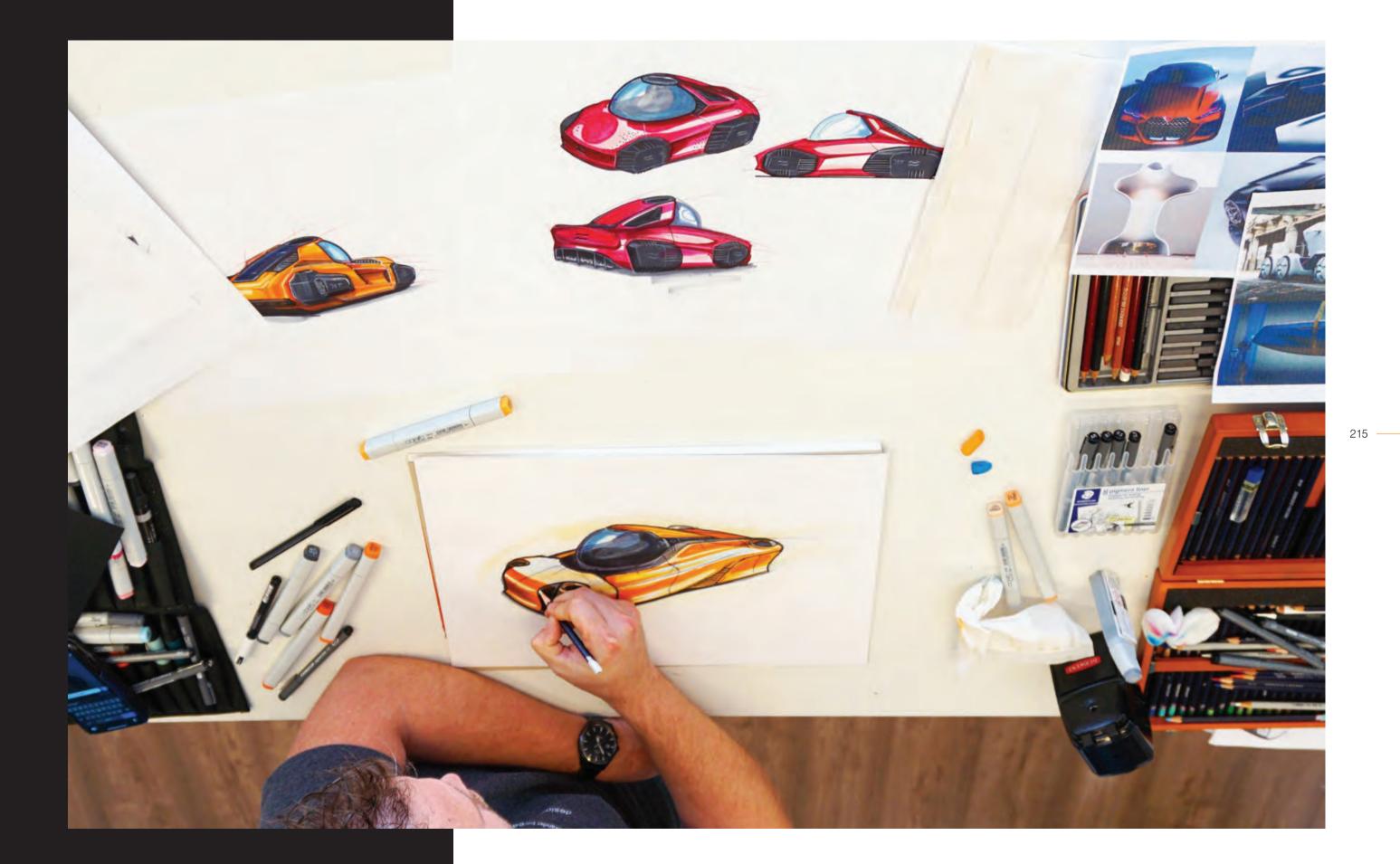
Whether you choose to add your submersible to a family-friendly charter boat, design a luxury private diving vessel, a deep-diving research submersible or a multi-passenger sight-seeing vessel, our designers will transform your vision into an individually tailored submersible that meets your preferred features, layout and design.

U-Boat Worx' customised subs are individually crafted luxury submersibles. Each and everyone is different with unique qualities. Find out what we can create for you.

TOTAL FREEDOM IN DESIGN

There are few manned submersible builders in the world who are able to fulfill each and every dream. And even fewer who can do so without having to compromise on quality, and deliver within the set deadline. At U-Boat Worx we can, because we combine complete freedom of design with a time-tested development process. No matter how exclusive the specifications are.

This guarantees a perfect match between the client's requirements and design options at all times. Preferred occupancy, speed and depth rating requirements are all the information we need to give tailor-made advice about the design possibilities available. U-Boat Worx uses an extensive database combined with years of experience in hydrodynamics with manned submersibles from every shape imaginable.



PILOT TRAINING





WORLD CLASS SUBMERSIBLE PILOT TRAINING

At Sub Center Curação we offer private individuals and marine professionals the opportunity to become a certified submersible pilot!

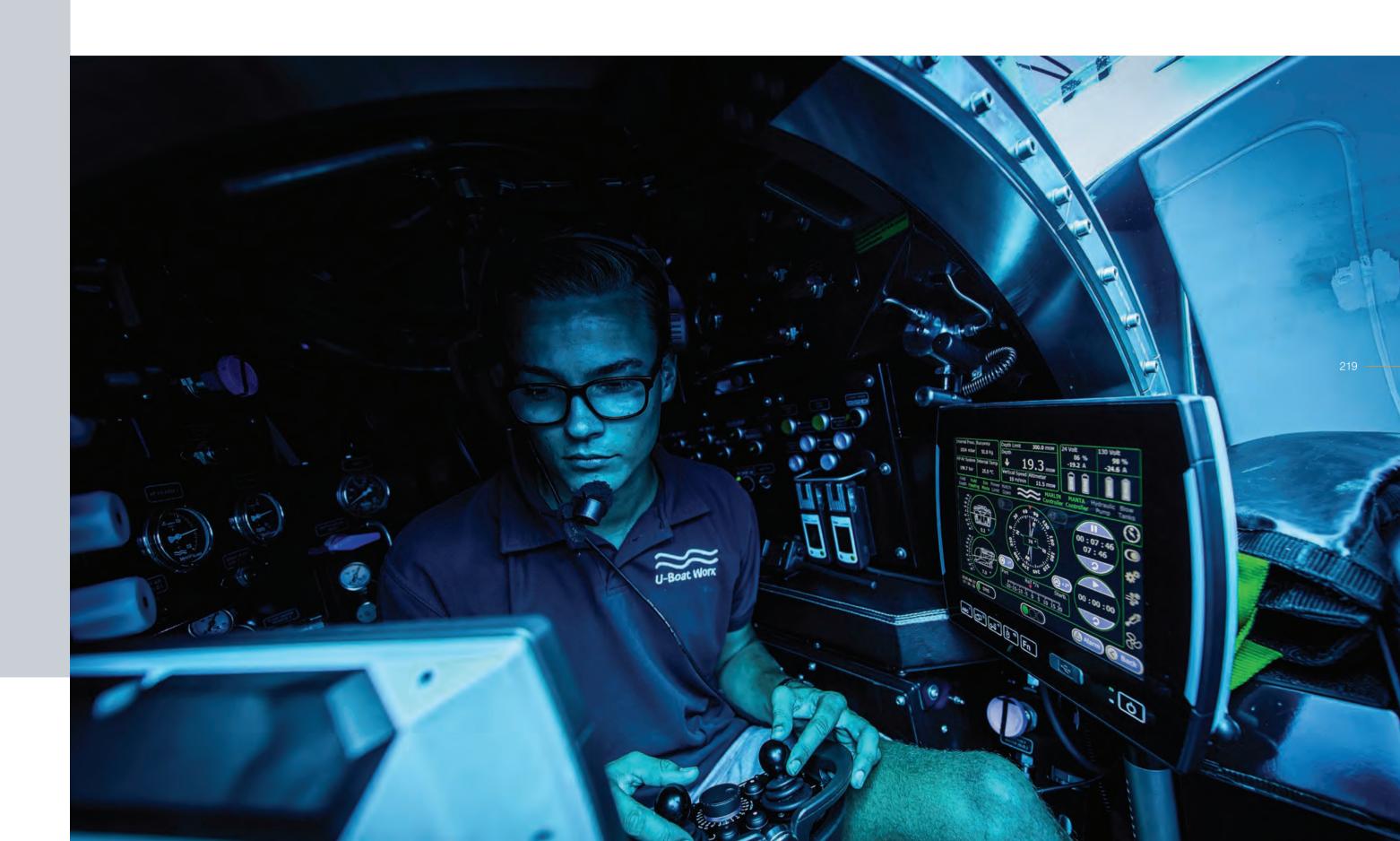
U-Boat Worx launched the first submersible training center in the world to present year-round training opportunities to its submersible owners.

The industry-defining training programs are also available to anyone who aspires roaming the subsea in a state-of-the-art private submarine.

The land-based facility is located at the edge of a pristine deepwater reef that boasts amazing marine life, a diverse range of corals and sponges and crystal-clear visibility.

The courses are catered to adventurous private individuals that are looking for a unique experience that will broaden their horizons. Moreover, courses are also available to individuals who aim for a career in the yacht or cruise industry, within which the U-Boat Worx submersibles are widely used.

Each course comprises theory tutorials combined with training dives that will be held at our own training center, "Sub Center Curação". Or if the client so desires, aboard their own vessel anywhere in the world.



DIVE CENTER & SUB STORE LIONS DIVE RESORT TRAINING ROOM -DOCK 2 -100 M DIVE SPOT SEA AQUARIUM **ROYAL RESORT**

TRAINING

Sub Center Curação uses the world's leading submersible pilot training program developed by U-Boat Worx.

Recognised internationally for the benefit it brings to both its customers and the industry, trainees can rest assured they are trained to the highest standard. Depending on the selected training course, the program comprises a combination of theory tutorials, hands-on walkarounds, safety implementations, maintenance programs, training dives, surface control duties, combined with emergency procedures and challenging training scenarios.

The courses at Sub Center Curação are taught to no more than 2-4 people at a time to ensure our candidates get personal attention and real dive time. Although training is model-specific, the high level of interchangeable systems and common components between the entire U-Boat Worx range of submersibles, it will allow for efficient cross certification on different models.



CHARTER



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CHARTER-A-SUB

By offering a turnkey "Charter-A-Sub" solution, yacht owners and charterers, private explorers, media, science groups and many others can now charter a submersible for a period of one week up to several months anywhere in the world.

All aspects of the submersible operation will be taken care of by U-Boat Worx Charter.

Clients can select a Super Yacht Sub 3, C-Explorer 3 or a C-Explorer 5, fully equipped with the latest high-tech features that will best suit their mission profile. Both the Super Yacht Sub 3 and C-Explorer 3 submersibles are suited for a pilot plus two guests, and are capable of reaching depths of 300 meters. The C-Explorer 5 is suited for a pilot plus four guests, and can reach depths of 200 meters.

Offering a crystal-clear 360-degree view while seated comfortably, these air-conditioned submarines provide an unrivalled experience of an underwater world yet to be discovered.

To make this turnkey solution completely carefree, the submersibles are accompanied by an experienced crew, all support equipment and full operational management. Launching of the submersible can be done from the client's vessel. Alternatively, a suitable support vessel can be arranged by U-Boat Worx Charter.

Based on the most amazing dive destinations already explored by U-Boat Worx submarine owners, U-Boat Worx Charter creates bespoke submarine missions. These may be for personal adventures, scientific research, underwater filming, or exploration. For those who wish to venture into unknown territories, the submarine charter opportunity will enable unfettered access.







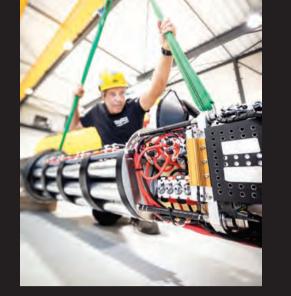


DUTCH CRAFTSMANSHIP

U-Boat Worx understands that to create the world's best submersibles requires the commitment and expertise of a dedicated and highly skilled team. To ensure world-class quality, each vessel is meticulously produced and assembled by experts, as typically can be expected from Dutch marine builders.







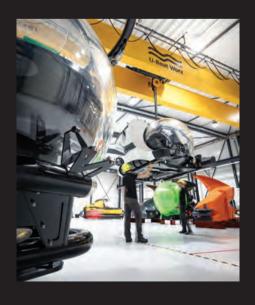












NO CHALLENGE TOO DEEP

U-Boat Worx offers a wide range of submersibles, including deep diving private subs. Even for our deepest diving models we use large acrylic windows to ensure the best possible dive experience for passengers.

Combined with the highest-grade titanium alloys, no deep-sea dive challenge is too great.





IN-HOUSE ENGINEERING

The full design and engineering of the submersible is accomplished by U-Boat Worx' experienced in-house design team. Making use of the latest in 3D design software and FEM software, these expert engineers have put together more core components and submersible models than the industry standard.

Need a modification to suit your particular application?

Assisted by a wide range of proven core components

used in our range of submersibles and with our advanced
array of test equipment, we can make your submersible

dream become reality.









OPTIONS TO EXPLORE

Whatever your underwater mission may entail,
U-Boat Worx submersibles can be equipped with
the most advanced tools available. U-Boat Worx' wide
variety of standard options includes sonars, robotic
manipulator arms, underwater lights, sound systems,
cinema quality video systems, and even a fly-out ROV.

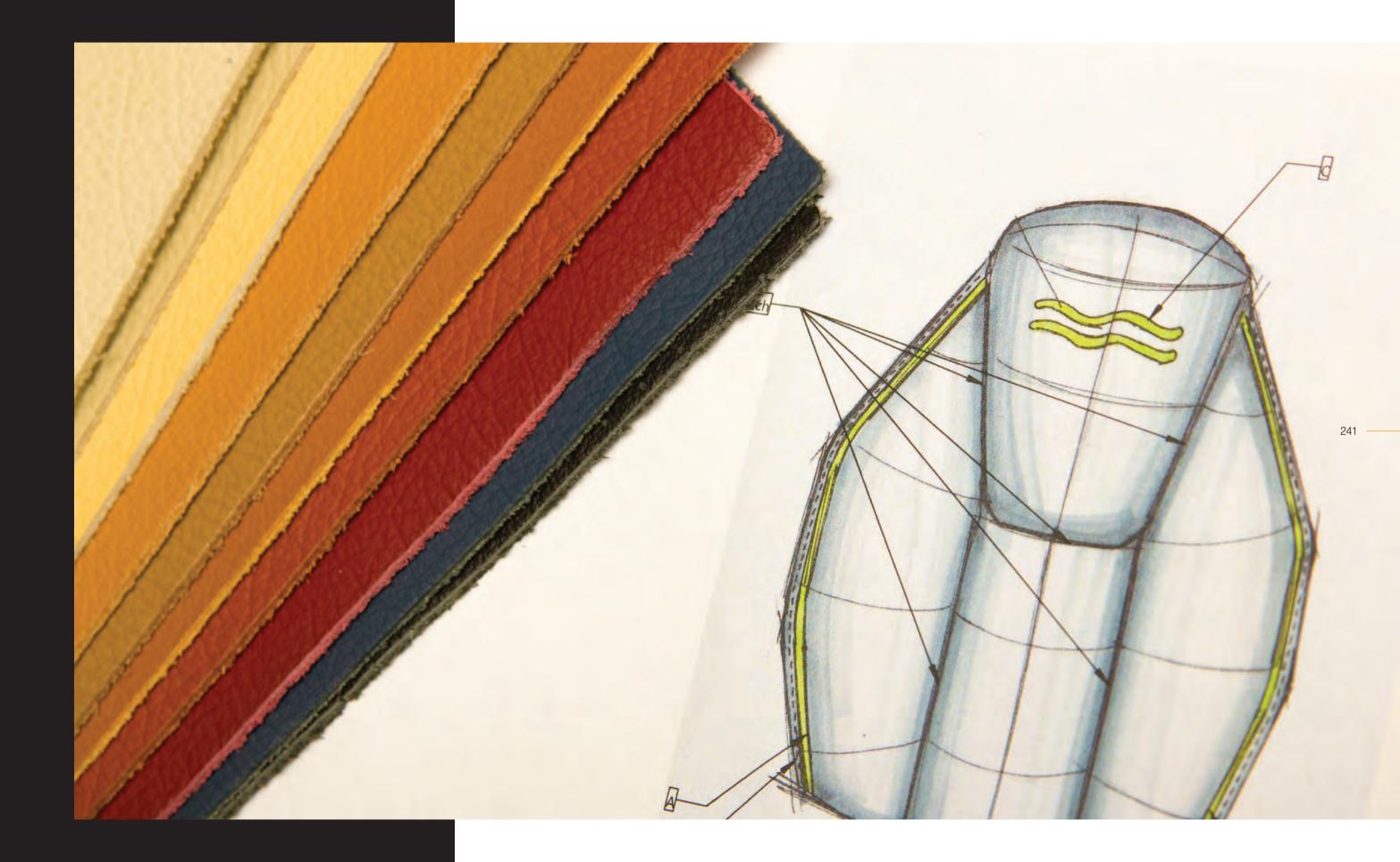


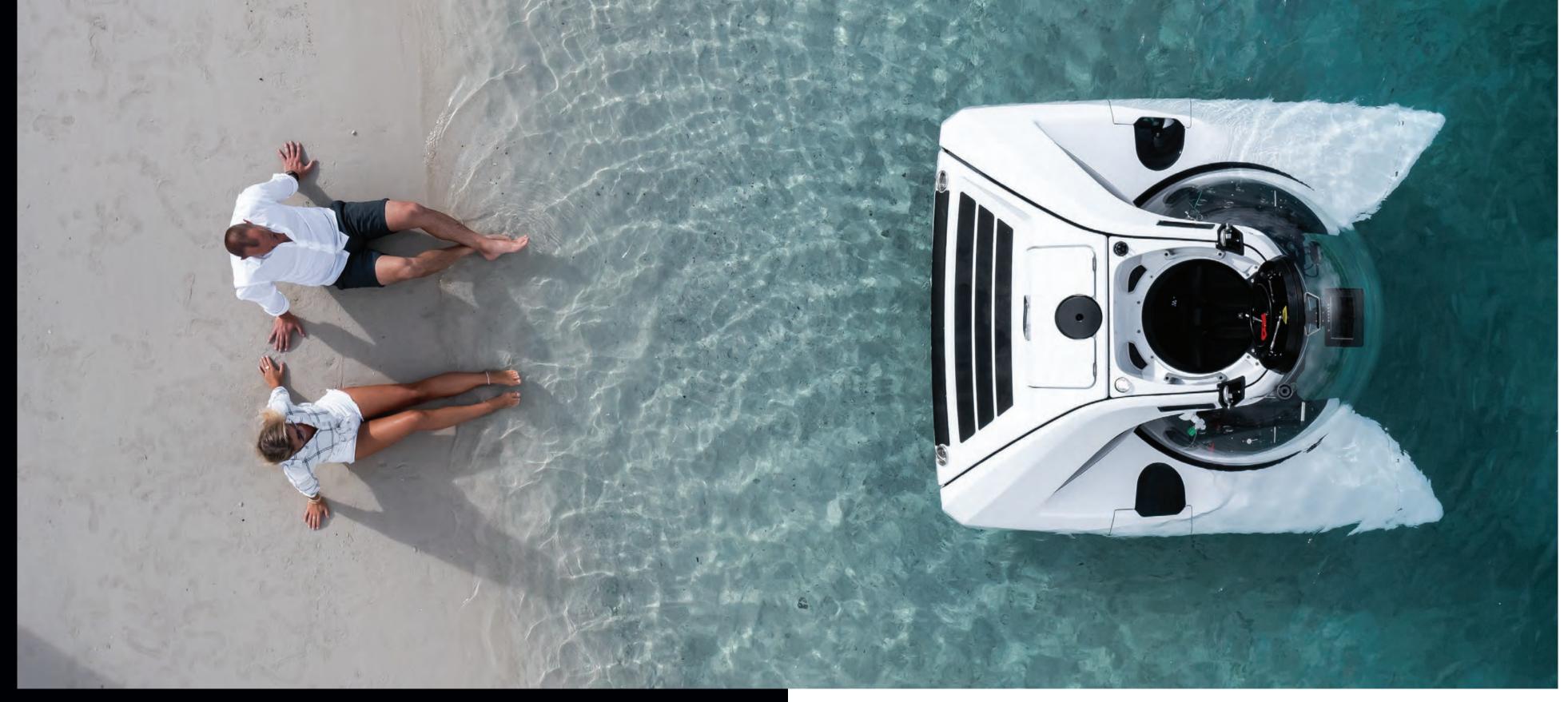


ENDLESS POSSIBILITIES

Our luxury submersibles meet the highest possible safety and operational standards. To complement the diving experience, both exterior and interior can be customised according to personal taste, making your submersible an individual and bespoke statement.

Standard seating can be reconfigured, and if desired, a lounge or partitioned pilot area – even a toilet – can be incorporated into individual design requirements.





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