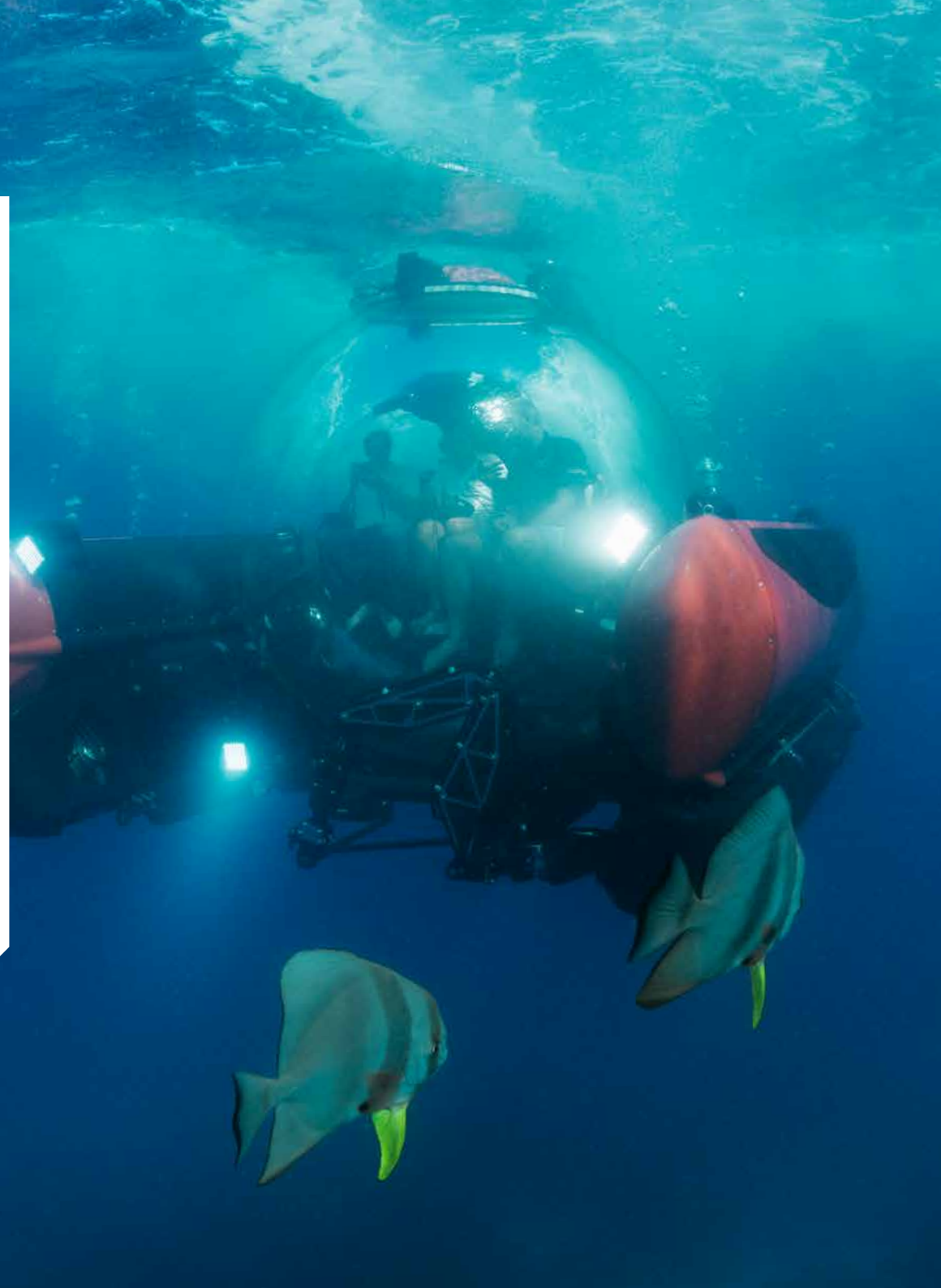


C-EXPLORER 3

CHARTER INFORMATION

THE MULTI-PURPOSE SUBMERSIBLE

3 OCCUPANTS
300M

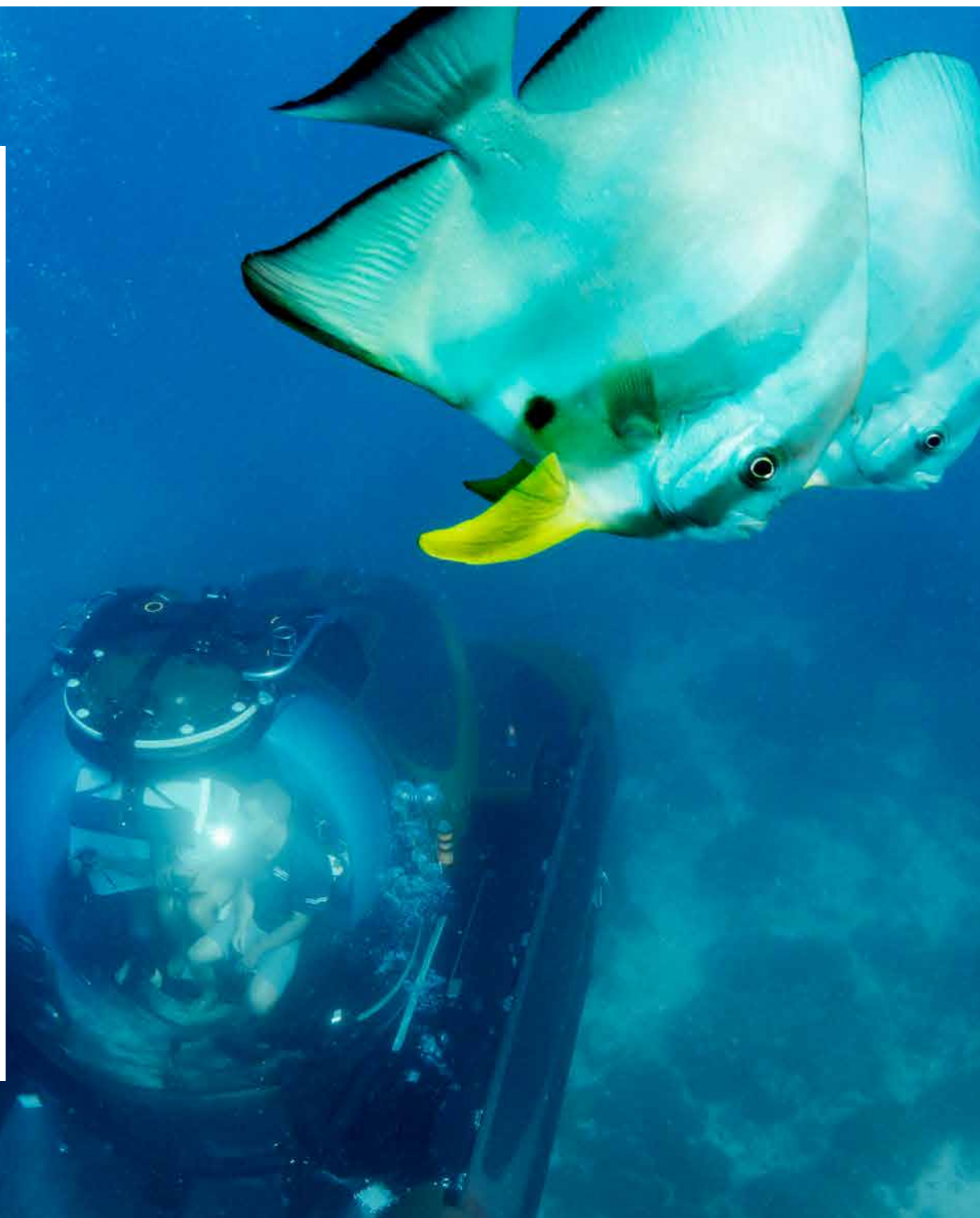


Explore the Unexplored

Sitting behind the controls of a C-Explorer submersible is among the most awe-inspiring adventures anyone could imagine. Witnessing underwater life first hand with a C-Explorer submarine with its 360° panoramic view can only be described as “out of this world”.

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

These state-of-the-art submarines are used for private exploration by yacht owners, but are also deployed as tourism submarines from cruise ships and high-end resorts. Equipped with the scientific toolkits available in our extensive option list, the C-Explorer submersibles are also unbeatable in the field of research, and other professional applications.



C-EXPLORER 3 OVERVIEW



C-EXPLORER 3



DEPTH

UP TO 300 METERS



WEIGHT

6,010 KG



OCCUPANCY

1 PILOT
2 PASSENGERS



ENDURANCE

UP TO 16 HOURS

GENERAL CHARACTERISTICS

| | |
|-------------------------|--------------------------|
| Occupants | 1 pilot and 2 passengers |
| Maximum Operating Depth | 300 meters |
| | 1,000 feet |
| Operational Autonomy | Up to 16 hours |
| Type | Dry, 1 Atmosphere |
| Classification | DNV GL |

DIMENSIONS & WEIGHT

| | |
|--------------------|----------|
| Submersible Length | 432 cm |
| Submersible Width | 321 cm |
| Submersible Height | 233 cm |
| Weight | 6,010 kg |

FEATURES

| | |
|-----------------------|---------------------------------|
| Imaging Sonar | Range 100 m |
| MANTA Controller | For assisted passenger piloting |
| Tracking & Navigation | USBL system |



BALLAST & BUOYANCY SYSTEMS

| | |
|-------------------------------|------------------------|
| Number of Ballast Tanks | 4 |
| Compressed Air Capacity | 4 x 50 liter @ 200 bar |
| Hydraulically Released Weight | Yes |
| Buoyancy Tank | Yes |

POWER CAPACITY

| | |
|----------------------------|--------------------------------------|
| Total Power Capacity | 43.2 kWh |
| Battery Type | High Capacity Lithium-ion |
| Propulsion System Capacity | 4 x 130 VDC Battery Packs - 31.2 kWh |
| House System Capacity | 4 x 24 VDC Battery Packs - 12 kWh |
| Charging (Optimal Cycle) | 4 - 6 hours |
| Emergency Battery | 96 hours for Critical Systems |

PROPULSION

| | |
|------------------------|-------------------------|
| Propulsion Type | Electrical |
| Propulsion (thrusters) | 2 x 5.5 kW + 4 x 6.4 kW |
| Surface Speed | 3 knots |
| Underwater Speed | 3 knots |

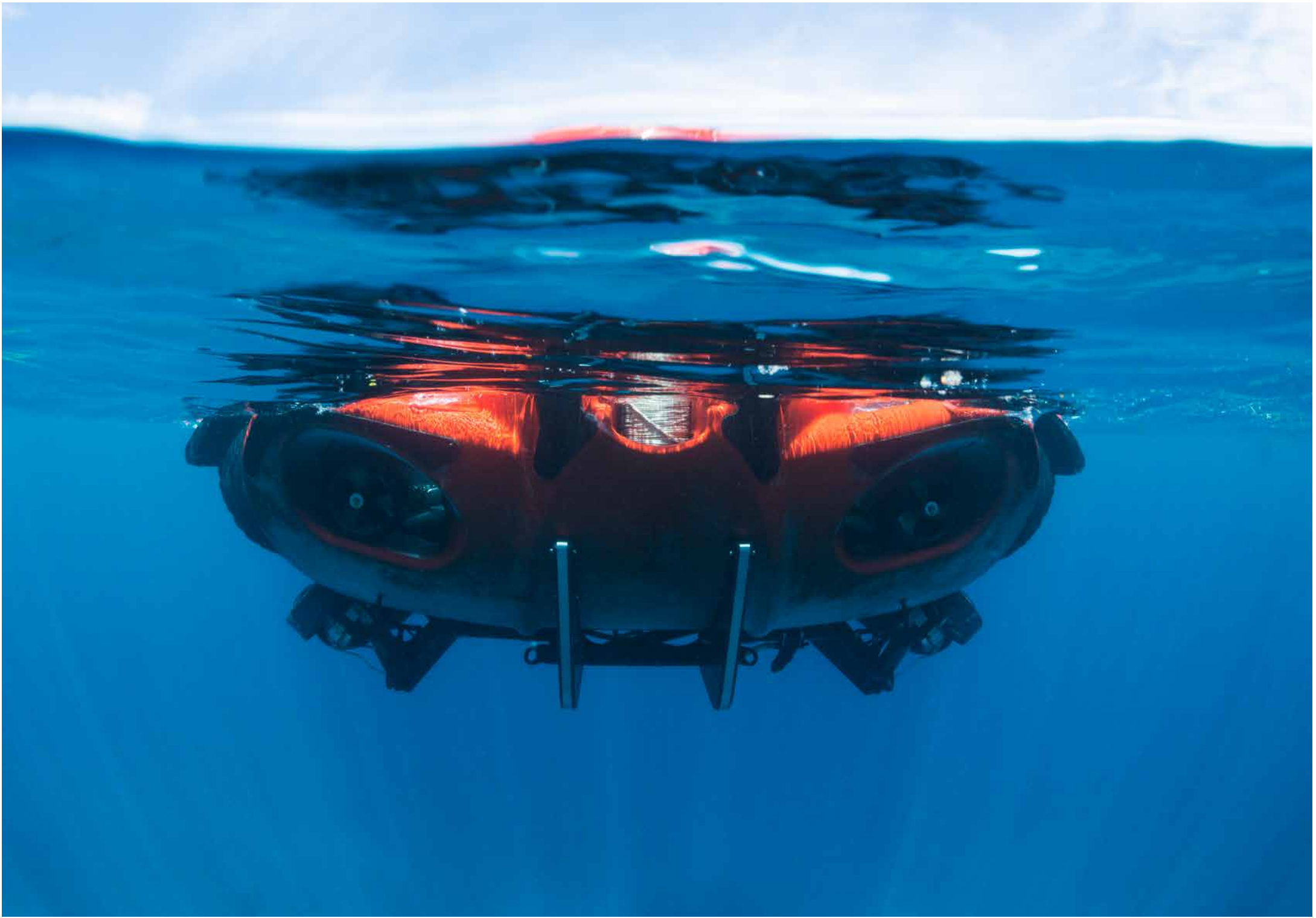
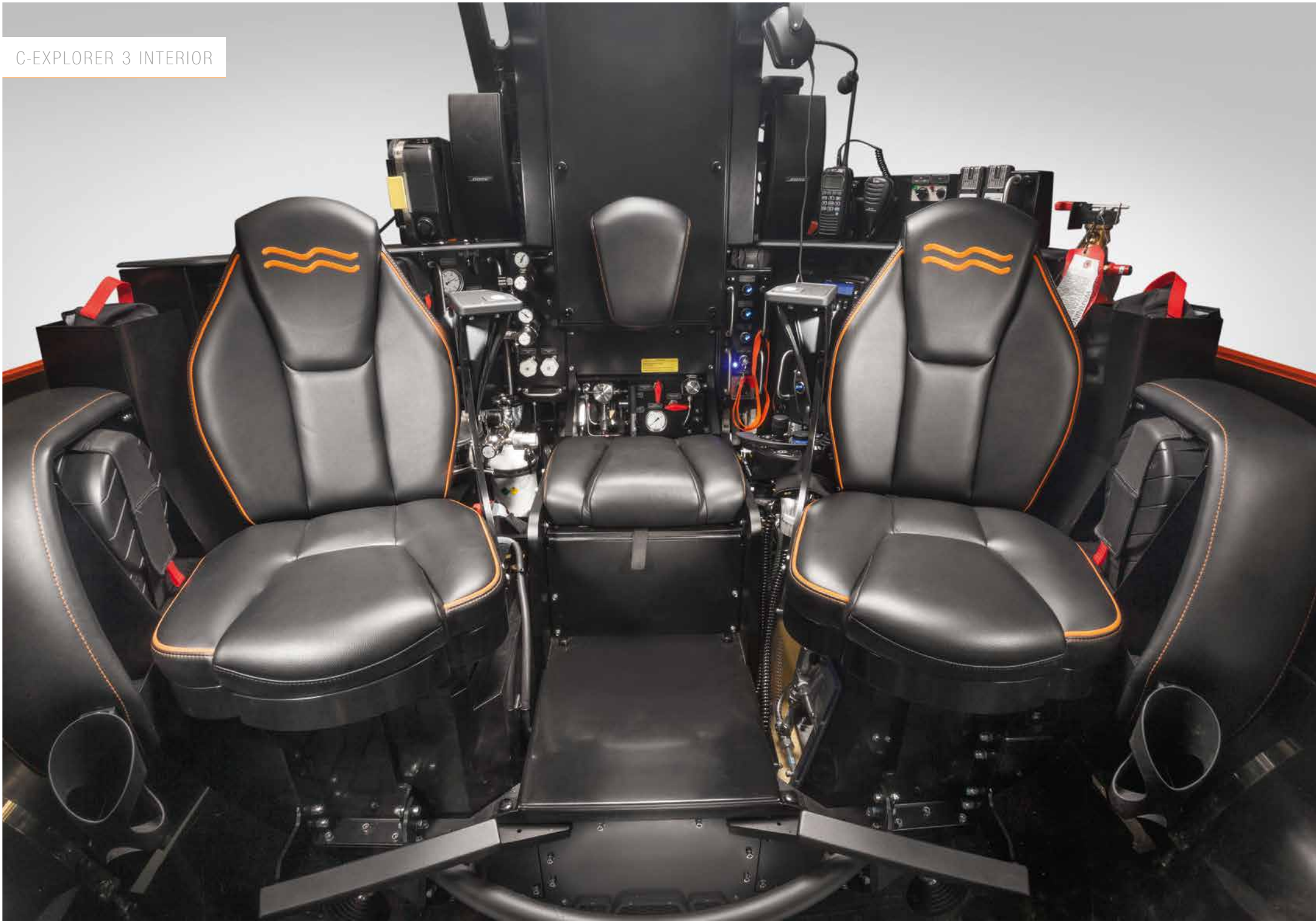
LIFE SUPPORT SYSTEMS

| | |
|-----------------------------------|---|
| Oxygen System | Continuous Flow |
| Mission Oxygen Capacity | 3 liter |
| Carbon Dioxide Removal | 8 hours with Calcium-Hydroxide |
| Survival Period | 96 hours |
| Emergency CO ₂ Removal | Lithium-Hydroxide Blankets |
| Autonomous Breathing Devices | 3 |
| Life Support Monitoring | 2 independent life support monitors (O ₂ - CO ₂) |

NAVIGATION, COMMUNICATION, AUXILIARY

| | |
|--------------------------------|---|
| Air Conditioner System | 7,000 BTU |
| Underwater Communication | Single sideband acoustic telephone, 25 kHz |
| Surface Communication | VHF Handheld Unit |
| Navigation | Blueview Imaging Sonar Tracklink USBL Tracking Echosounder Electronic Compass |
| Control System | MANTA Controller, |
| U-Boat Worx Information System | Alarm System, Battery Status, Thruster Status, Sensor Status, Internal Pressure, Depth, Electrical Insulation Monitoring, Water Ingress Sensors, Freon Sensor, Buoyancy Tank Level Indicator, Internal and External Temperature |
| Safety Equipment | Pinger Locator Beacon System, Emergency Releasable Buoy, Maximum Depth Protection, Dead-man Switch, Fire Extinguisher, External Air Connection for diver-assisted ascent, Xenon Flasher |
| Other | Protective Cover for Acrylic Viewport, Checklists and Manuals, Topside Communication Unit, Battery Charger |

C-EXPLORER 3 INTERIOR



Submersible Charter fee structure

AUGUST 2020 – ALL PRICES ARE EX. VAT

| C-EXPLORER 3 | | |
|--|----------------------|---|
| | SUBMERSIBLE PER WEEK | CREW PER WEEK (1 PILOT + 1 SURFACE OFFICER) |
| 1 week | € 75,000 | € 12,000 |
| 2 weeks | € 70,000 | |
| 3 weeks | € 65,000 | |
| 4 weeks | € 60,000 | |
| >4 weeks | In consultation | |
| All charter fees are including Hull & Machinery insurance. Submersible to be added to client vessel's P&I insurance. | | |
| ADDITIONAL ITEMS | | |
| Operation Preparation Fee | € 25,000 | Support vessel review, integration assistance, itinerary review, permit applications, crew meetings, etc. |
| Mobilisation Time Fee | € 10,000/week | Transportation by sea, road, airplane |
| Mobilisation Cost | At cost + 15% | |
| Consumables | At cost +15% | |
| SUPPORT VESSEL OPTIONS (ON REQUEST) | | |
| M/V Alk | € 35,000/week | Mediterranean Sea |

MOBILISATION PACKAGE

1. SUBMERSIBLE
2. SUBMERSIBLE SUPPORT EQUIPMENT
3. SURFACE OFFICER SUPPORT EQUIPMENT
4. BATTERY CHARGER (220VAC OR 3-PHASE)
5. AIR COMPRESSOR (200/300BAR)
6. OXYGEN BOOSTER
7. SPARES KIT
8. TOOLKITS FOR MAINTENANCE
9. DOCUMENTATION (INCL. CERTIFICATES)
10. CO2 FILTERS (SOFNOLIME)

CLIENT RESPONSIBILITIES

1. SUITABLE LAUNCH & RECOVERY INSTALLATION
2. SHELTERED STORAGE LOCATION FOR THE SUBMERSIBLE WITH FRESH WATER SUPPLY AND ELECTRICITY
3. MEDICAL-GRADE OXYGEN IN BUFFER CYLINDERS



OPTIONAL SUPPORT VESSEL: M/V ALK



About U-Boat Worx

At U-Boat Worx we do everything possible to give you the best and safest diving experience possible. Since our start in 2005 we have grown to become the largest private submersible builder in the world. Our large fleet consists of 20 different models, and has changed the standards for private submersibles.

Each U-Boat Worx submersible is engineered and built to the highest standards. Leading Classification Society DNV GL individually classes each submersible by extensively testing each component. It is our innovation and in-house engineering that have led to many “world-firsts” and achievements that illustrate how our owners explore with the best submersibles.

We are the only submersible manufacturer who builds in series. The benefits of this approach are straightforward. Our customers enjoy the best quality, highest reliability and design at industry-defining prices.

The engineers and technicians in our Netherlands-based factory take individual care of each submersible assuring the highest level of precision and craftsmanship, to provide customized solutions for a particular mission or a bespoke design.

It is the quality of our submersibles and the dedication of the team that makes a U-Boat Worx submersible the best choice for everyone involved, from the owner and his guests, to the crew and operator.



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