

C-EXPLORER 5

CHARTER INFORMATION

THE MULTI-PURPOSE SUBMERSIBLE

5 OCCUPANTS
200M



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 5 OVERVIEW



C-EXPLORER 5



DEPTH

UP TO 200 METERS



WEIGHT

7,345 KG



OCCUPANCY

1 PILOT
4 PASSENGERS



ENDURANCE

UP TO 16 HOURS

GENERAL CHARACTERISTICS

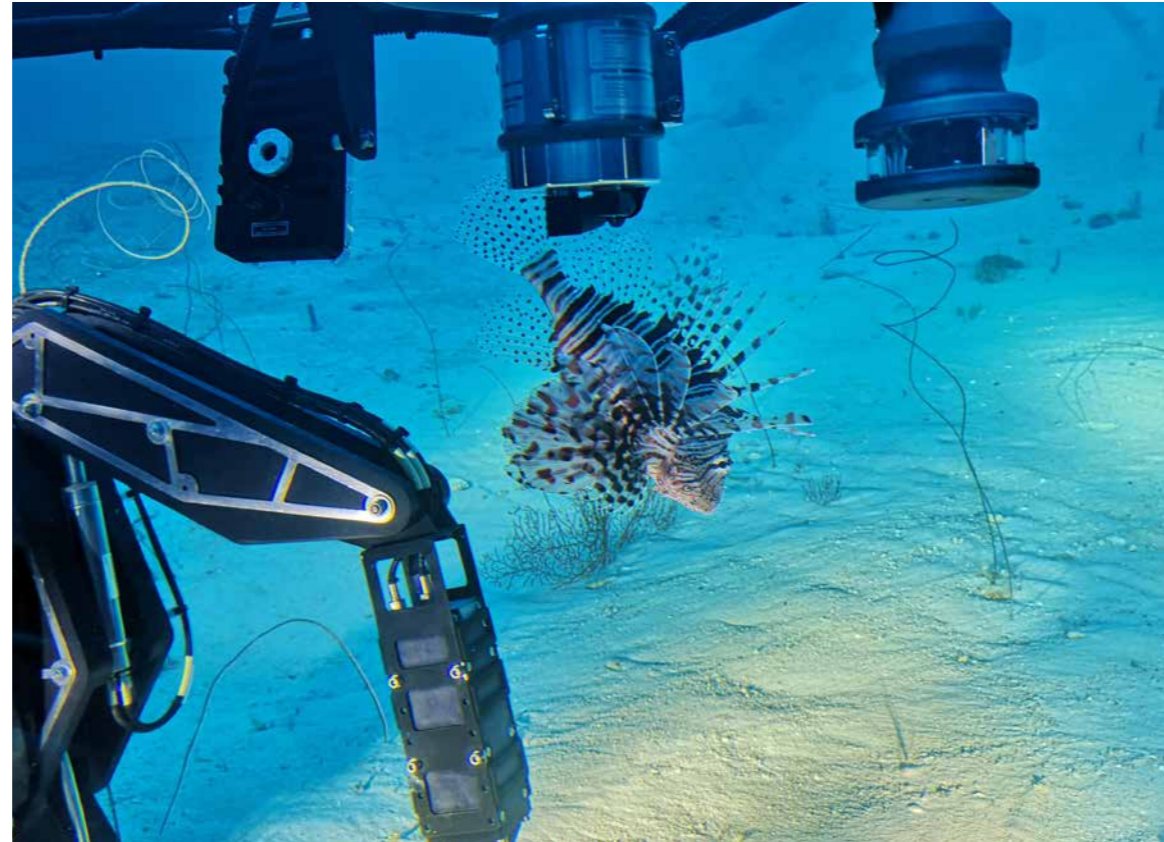
Occupants	1 pilot and 4 passengers
Maximum Operating Depth	200 meters 650 feet
Operational Autonomy	Up to 16 hours
Type	Dry, 1 Atmosphere
Classification	DNV GL

DIMENSIONS & WEIGHT

Submersible Length	511 cm
Submersible Width	299 cm
Submersible Height	225 cm
Weight	7,345 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

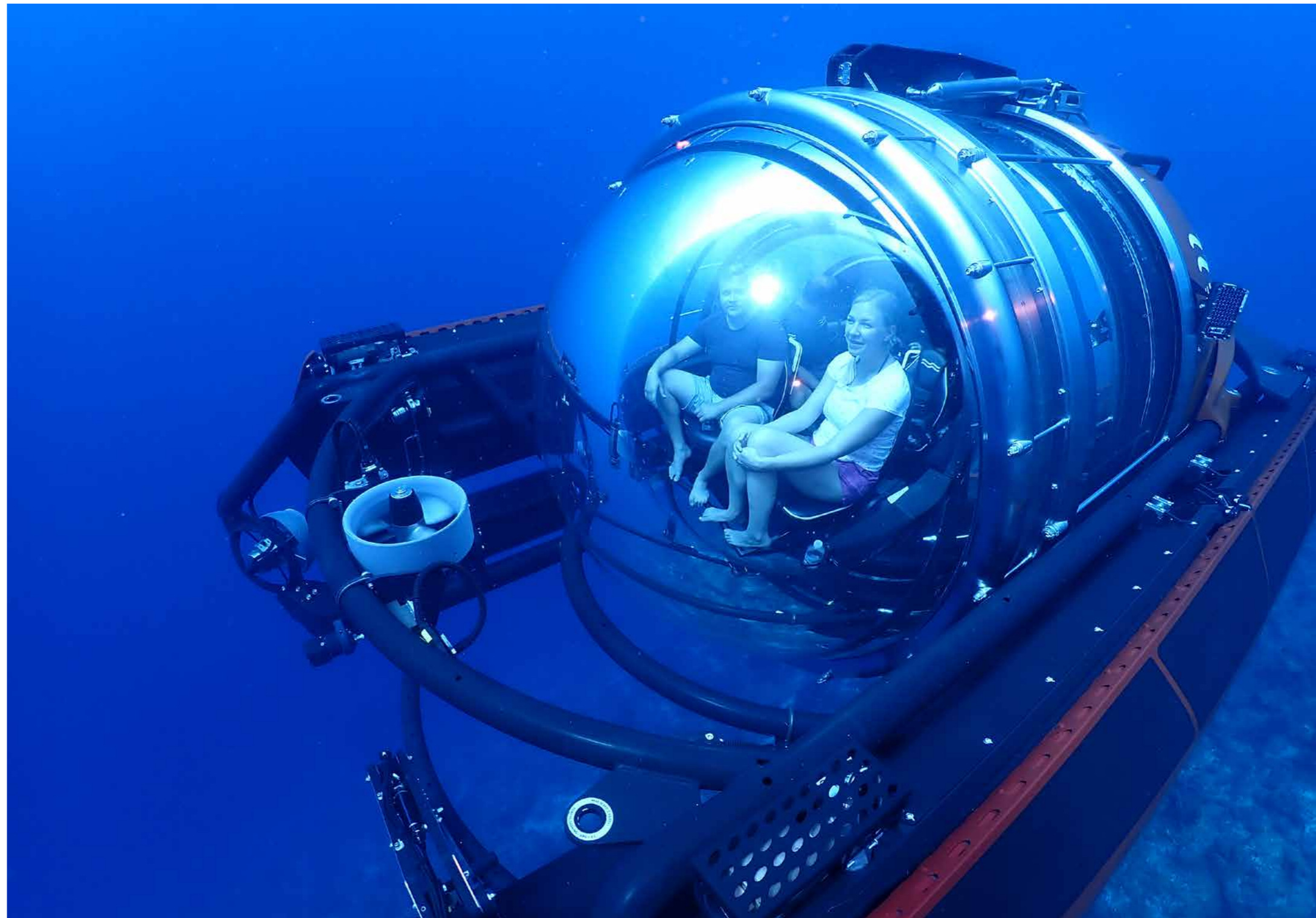
LIFE SUPPORT SYSTEMS

Oxygen System	Continuous Flow
Mission Oxygen Capacity	5 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 Covers for Acrylic Viewports, Checklists and Manuals, Topside Communication Unit, Battery Charger

C-EXPLORER 5 INTERIOR



Submersible Charter fee structure

AUGUST 2020 – ALL PRICES ARE EX. VAT

C-EXPLORER 5	SUBMERSIBLE PER WEEK	CREW PER WEEK (1 PILOT + 1 SURFACE OFFICER)
1 week	€ 80,000	€ 12,000
2 weeks	€ 75,000	
3 weeks	€ 70,000	
4 weeks	€ 65,000	
>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



OPTIONAL SUPPORT VESSEL: M/V ALK



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

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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