

# SUPER YACHT SUB 3 CHARTER INFORMATION

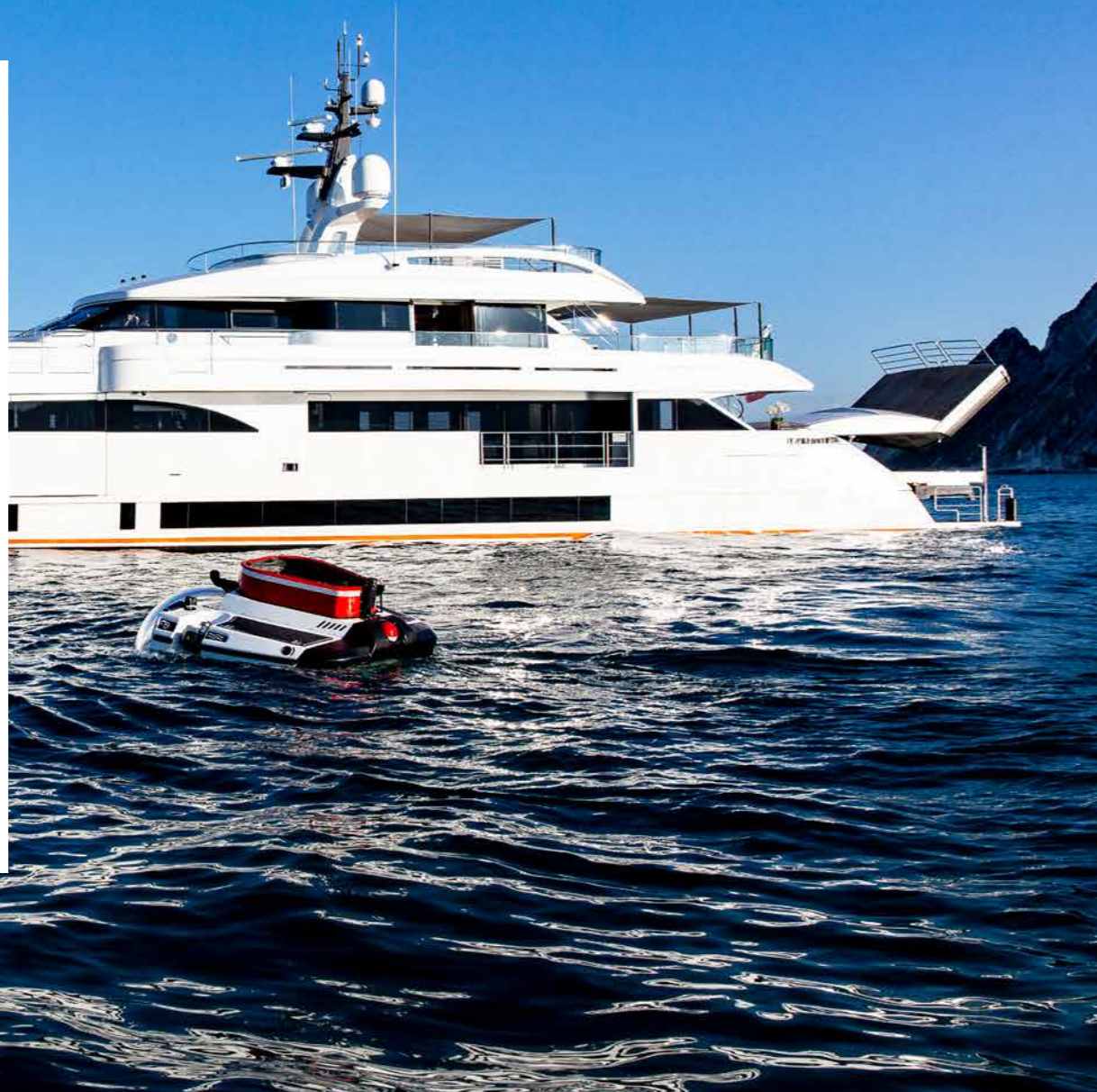
THE ULTIMATE SUPERYACHT EXPERIENCE

3 OCCUPANTS  
300M



## The Ultimate Superyacht Experience

The Super Yacht Sub 3 opens the world beneath the waves to superyacht owners and charters. The Super Yacht Sub 3 offers best-in-class performance and has set the standard in the industry. The Super Yacht Sub 3 is available for charter and can optionally be accompanied by a dedicated support vessel. Charters can be arranged from one week to even months at a time, with the option to have it available anywhere in the world. Whether the client wants to explore the warm waters of the Caribbean or the freezing Arctic seas, U-Boat Worx can accommodate any of the clients wishes.



## SUPER YACHT SUB 3 OVERVIEW



## SUPER YACHT SUB 3



  
**DEPTH**

300 METERS

  
**WEIGHT**

3,800 KG

  
**OCCUPANCY**

1 PILOT  
2 PASSENGERS

  
**ENDURANCE**

UP TO 12 HOURS

### GENERAL CHARACTERISTICS

Occupants	1 pilot and 2 passengers
Maximum Operating Depth	300 meters 1,000 feet
Operational Autonomy	Up to 12 hours
Type	Dry, 1 Atmosphere
Classification	DNV GL

### DIMENSIONS & WEIGHT

Submersible Length	320 cm
Submersible Width	244 cm
Submersible Height	174 cm
Weight	3,800 kg

### FEATURES

Manipulator Arm	5-function hydraulic manipulator
Imaging sonar	Range 100 m
MANTA Controller	For assisted passenger piloting
Tracking & Navigation	USBL system



### BALLAST & BUOYANCY SYSTEMS

Number of Ballast Tanks	2
Compressed Air Capacity	2 x 50 liter @ 200 bar
Hydraulically Released Weight	Yes
Buoyancy Tank	Yes

### POWER CAPACITY

Total Power Capacity	21.6 kWh
Battery Type	Lithium-ion
Propulsion System Capacity	2 x 130 VDC Battery
House System Capacity	2 x 24 VDC Battery
Charging (Optimal Cycle)	4 hours
Emergency Battery	Min. 96 hours for Critical Systems

### PROPULSION

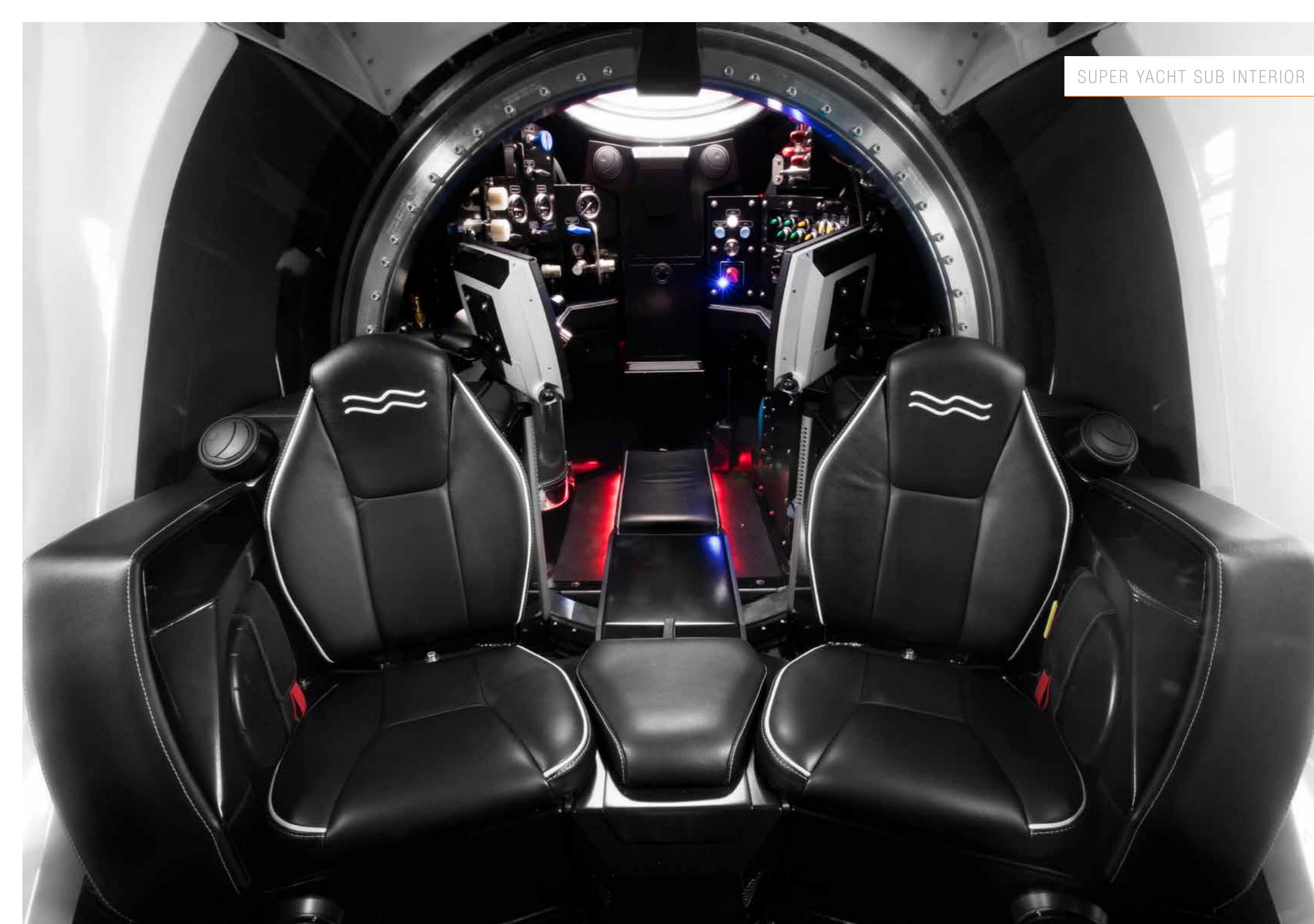
Propulsion Type	Electrical
Propulsion	2 x 5.5 kW + 2 x 6.4 kW
Surface Speed	3 knots
Underwater Speed	3 knots

### LIFE SUPPORT SYSTEMS

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

### 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 Evologics USBL Tracking & Navigation Echosounder Electronic Compass
Manipulator Arm	Hydrolek 5-function
Control System	MANTA controller, MARLIN 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



SUPER YACHT SUB INTERIOR

# Submersible Charter fee structure

AUGUST 2020 – ALL PRICES ARE EX. VAT

SUPER YACHT SUB 3		
SUBMERSIBLE PER WEEK		CREW PER WEEK (1 PILOT + 1 SURFACE OFFICER)
1 week	€ 70,000	
2 weeks	€ 65,000	€ 12,000
3 weeks	€ 60,000	
4 weeks	€ 55,000	
>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	
Mobilisation Cost	At cost + 15%	Transportation by sea, road, airplane
Consumables	At cost +15%	
SUPPORT VESSEL OPTIONS (ON REQUEST)		
M/V Alk	€ 35,000/week	Mediterranean Sea
Other	Contact your broker	Worldwide



OPTIONAL SUPPORT VESSEL: M/V ALK



**MOBILISATION PACKAGE (20FT SHIPPING CONTAINER)**

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.



## **Lomond Yachts**

SuperYacht Sales & Charter

+44 203 652 7453  
sales@lomondyachts.com

**[www.lomondyachts.com](http://www.lomondyachts.com)**

