



## AURORA 6 PERSON MODEL

300m to 1000m Depth Rated, ABS Classed



The AURORA 6 Person model offers a very spacious environment for the occupants as well as giving excellent underwater field of views. The submarine's cabin is arranged in four segments enhancing privacy with the pilot at the front, the owner's lounge right behind, the guests' lounge in the rear, and the private emergency restroom in the back hull compartment. The large acrylic hyper-hemispheres have a large inside diameter for both the Owners' Lounge and for the Guests' lounge segments. The submarine's interior configuration provides the Owners Lounge's convertible seating with long lounge chair configuration and associated upholstery details. The Guest Lounge provides spacious room for the three occupants with swivel seats such that they can orient themselves sideways for a better view on either side. The large entry hatch and spacious interior of the submarine in conjunction with the convertible seating arrangements also allows for comfortable boarding for all the occupants.



## GRACEFUL & SAFE BOARDING

SEAmagine's innovative Aurora technology is a new approach to the design of a personal luxury submarine, maximizing the field of view of the private submarine and providing an unparalleled vista. The occupants from this private luxury submarine have a view, unobstructed by top hatches and side pontoons that provide the sensation of entering the underwater world, as opposed to simply observing it. When floating at surface this luxury submarine has a high freeboard making a stable platform for people to walk on.

The AURORA-6 provides a comfortable boarding arrangement with telescopic handrails on the upper deck, a large entry hatch, sufficient space with rotating chairs and convertible seating that gives spacious room for the occupants to move to their seats. This well thought out innovative design ensures safety and comfort for boarding and exiting the personal submarine from yachts even in less than ideal sea conditions.



## TECHNICAL SPECIFICATIONS

### GENERAL SPECIFICATIONS

Designer / Manufacturer	SEAmagine Hydrospace Corporation
Model	AURORA 6
Number of Occupants	6 (1 Pilot + 5 Passengers)
Classification	ABS or DNV-GL
Additional Approval	Cayman Island Shipping Registry

### DIMENSIONS & WEIGHT

Maximum Depth	300 m (1000 feet) – 1000 m (3300ft)
Length	5.93 m (233 in)
Width	2.90 m (114 in)
Height	2.31 m (91 in)
Dry Weight	14,500 Kg (32,000 lbs)
Cabin Payload	600 Kg (1320 lbs)
Hatch Diameter	0.75 m (30 inches)
Hoist Arrangement	Two Point Hoist

### PROPULSION

Standard Maximum Speed	3 Knots
Propulsion Type	Brushless DC Electric
Standard Horizontal Propulsion	4 X 10 HP Thrusters
Vertical Propulsion	2 X 10 HP Thrusters
Mission Time;	8 Hours

### LIFE SUPPORT SYSTEM

Mission Time	8 Hours
Reserve Capacity	96 Hours
Oxygen Monitoring	Dual O2 Sensors
CO2 Monitoring	Dual CO2 Sensors
Oxygen Delivery System	Flow Control
Emergency Breathing System	Standalone Independent Units

### POWER CAPACITY

Battery Type	Lithium Type
Total Power Capacity	40 KWH
Charging Time	5 – 7 Hours





### COMFORT FOR 6 OCCUPANTS

The AURORA 6 person luxury submarine can seat 5 passengers and 1 pilot with personal comfort and a good level of privacy for the owners. The space inside the submersible is configured optimally with four segmented compartments. The pilot cockpit at the front has an excellent navigation viewpoint. The owners have their own segment with two first class seating arrangements. The guests in the rear segment have three rotating seats and allow them to view each side of the submarine as the dives progresses. The rear hull compartment has an emergency restroom which can be closed off for privacy.



## TECHNICAL SPECIFICATIONS (Continued)

### SAFETY SYSTEMS

Emergency Drop Weight System	YES
Fire Extinguisher	YES
Constant Positive Buoyancy	YES
Water Leak Detection System	YES
Automatic Cabin Power Change Over	YES
Life Support Alarm Systems	YES
Ground Leak Detection System	YES
Stalled Motor Over Current Protection	YES
Automatic Emergency Strobe Light System	YES
Boarding Hand Rails	YES

### COMFORT

Air Conditioning System (closed cycle)	YES
Seats for Passengers	Leather
Cup Holder	YES
Internal Lighting	YES

### INCLUDED TOPSIDE SUPPORT EQUIPMENT

Wireless Underwater Communication System	YES
Topside Submersible GPS Tracking System	YES
Topside Depth Tracking of Submersible	YES
Wireless Underwater Text Messaging	Optional

### INCLUDED WITH SUBMERSIBLE

- ABS or DNV-GL Classification
- Underwater Communication System for Submersible & Topside
- Topside USBL (Ultra Short Baseline) Tracking Hand Carry Console
- Dual Frequency Forward Looking Sonar
- 5 X LED Flood Lights
- Doppler Velocity Log (DVL) Navigation on Submersible
- USBL GPS Navigation Software on Submersible
- External Wet Joystick for Surface Handling
- Submersible Battery Charger
- Color Customized to Client's Request

### OPTIONAL ADDITIONAL EQUIPMENT

- Robotic Manipulators Arms 5 to 7 Axis Models
- Underwater HD Video Systems with Pan & Tilt Units
- SEAmagine 360 Degree Underwater HD Camera System
- ...More Additional Subsea Equipment Available Upon request