



WIND SURF

THE SAILING SHIP OF THE FUTURE
BETWEEN TRADITION AND INNOVATION

A sailing ship that embodies the timeless elegance of classic vessels, with clean and harmonious lines, yet surprises inside with a vibrant, modern, and multifunctional world.

This project represents the perfect balance between the charm of grand ships from the past and the innovative vision of a future where every space is designed to adapt to the needs of a dynamic and multicultural society.

The ship is intended for international voyages and will be built as a sailing cruise vessel with five masts, carrying a total of seven sails.

All sails to be manually operated and with remote control from Wheelhouse. All sails to be self-furling and made of Dacron.

It will be equipped with one bowthruster and one sternthruster, two feathering control pitch propellers, diesel electric propulsion, an active tank anti-heeling (no roll damping), a stabilizing system and one pair of retractable fin stabilizers.

The vessel will be designed to comply with the latest stability regulations and the lifesaving appliances will fulfil the requirements for 560 persons.



Exterior Design:
The Soul of the Great Ships of the Past

A classic and refined design, with architecture reminiscent of legendary sailing vessels:

- A sleek hull that offers a clean and timeless aesthetic.
- Majestic sails made from technologically advanced materials to ensure efficiency and sustainability.
- Spacious decks that capture the atmosphere of old ships, featuring teak elements, brass fittings, and exposed rigging.
- Outdoor areas designed for relaxation and social interaction, with elegant nautical-style seating, loungers, and meditation spaces overlooking the horizon.

The goal is to create an experience that revives the magic of traditional sailing, where the wind and the sea remain the true protagonists.



PRINCIPAL PARTICULARS	
Length overall	182.20 m
Length between perpendiculars	155.60 m
Breadth, moulded	21.00 m
Depth	9.30 m
Scantling draught	5.30 m
Service speed	12 knots
Accommodation	131 double cabins, 60 suites 8 disability cabins

TANK CAPACITIES	
MDO	620 m³
LO tanks	60 m³
FW potable	520 m³
Sewage – Black / grey	190 m³
Water Ballast	350 m³
Heeling Tanks	50 m³



Interior Design:

A Burst of Modernity, Colour, and Multifunctionality

When entering the ship, you step into a vibrant, dynamic, and welcoming environment where modern design meets a bold colour palette and smart solutions for a limitless travel experience.

Multifunctional Spaces: Each area is designed to adapt to different needs:

- Modular lounges that change function throughout the day: a coworking space in the morning, a relaxation area in the afternoon, and an event venue in the evening.
- Play and interaction areas, with dedicated spaces for children as well as innovative entertainment zones for adults.
- Multimedia rooms for virtual connections, streaming, and business meetings.

Design and Colours:

- A fusion of natural materials (wood, stone, raw fabrics) and ultra-modern details in glass, steel, and vibrant surfaces.
- Atmospheric lighting, with light effects that create immersive and welcoming environments

A Multicultural Experience:

- Social spaces designed to encourage encounters between travellers from around the world.
- Areas for art, music, and culture, with live events and performances celebrating diversity.

A Journey Between History and the Future

This sailing ship is more than just a vessel: it is a unique experience, a place where the past and the future meet, where the beauty of nautical tradition blends with the functionality and vibrancy of the contemporary world.

Step aboard and discover a new way to sail—authentic, modern, and boundless.

OUTFIT & EQUIPMENT

Stern thruster	1,500 kW
Bow thruster	1,500 kW
Steering Gear	2 x Independent Electro-hydraulic rotary van steering gear flap type rudder
Masts	5 with a total of 7 sails Foremast & Aft Signal Mast
Winches	2 x Electrically drive combined windlasses 2 x Electrically driven dockside/navigational mooring winches

MACHINERY EQUIPMENT

Main generator sets	4 x 4,000 kW Four stroke, Turbocharged, charge air colled, marine diesel engines
Propulsion	2 x Control Pitch Feathering Propellers each driven by electrical motor via reduction gearbox

WE DESIGN SHIPS We are a leading independent consultancy providing a comprehensive range of design, engineering and project management services to shipyards and ship owners around the world. Our innovative, customized solutions cover areas ranging from concept, tender/contract & basic design, to supporting the building and conversion process of all types of maritime vessels and offshore structures, to energy optimization and services for the offshore wind industry. Since 1937, over 800 vessels have been built and over 400 conversions carried out to our designs.
WWW.KNUDEHANSEN.COM