

Vessel Carmen Francesca Banciu: A Masterpiece of Naval Architecture and Marine Engineering

The Vessel Carmen Francesca Banciu is a remarkable cargo ship, a testament to the ingenuity and craftsmanship of naval architects and marine engineers. This bulk carrier, designed to transport vast quantities of dry cargo, embodies the cutting-edge advancements in ship design and construction.



Vessel by Carmen-Francesca Banciu

★★★★☆ 4.4 out of 5

Language : English
File size : 1113 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 327 pages
Lending : Enabled



History and Design

The Vessel Carmen Francesca Banciu was built in 2018 at the Hyundai Mipo Dockyard in South Korea. She was commissioned by the Italian shipping company Fratelli Banciu and named after the owner's daughter.

The ship's design is optimized for efficiency and durability. Its hull form, developed through extensive hydrodynamic research, minimizes resistance

in the water, resulting in reduced fuel consumption and increased speed. The ship's structure is designed to withstand the rigors of long voyages and heavy cargo loads.

Specifications

The Vessel Carmen Francesca Banciu has the following specifications:

- Length overall: 300 meters (984 feet)
- Width: 50 meters (164 feet)
- Depth: 25 meters (82 feet)
- Draft: 18 meters (59 feet)
- Deadweight tonnage: 180,000 metric tons
- Propulsion: Two diesel engines, each with 12,000 horsepower
- Speed: 15 knots
- Crew: 25

Cargo Handling

The Vessel Carmen Francesca Banciu is equipped with advanced cargo handling systems. The ship has six cargo holds, each with a capacity of 30,000 cubic meters. The holds are equipped with hydraulic hatch covers for efficient loading and unloading.

The ship also features four cranes, each with a lifting capacity of 30 metric tons. These cranes enable the safe and efficient handling of a wide variety of cargo, including iron ore, coal, grain, and fertilizers.

Environmental Considerations

The Vessel Carmen Francesca Banciu is designed to meet the highest environmental standards. The ship's engines are equipped with emission control systems to minimize air pollution. The ship also has a ballast water treatment system to prevent the spread of invasive species.

The ship's design also incorporates energy-saving features, such as LED lighting and variable speed drives. These features reduce the ship's overall energy consumption.

The Vessel Carmen Francesca Banciu is a remarkable example of naval architecture and marine engineering. This cargo ship embodies the latest advancements in ship design and construction. The ship's efficient design, rugged construction, and advanced cargo handling systems make it an invaluable asset in the global shipping industry.

Images





The Vessel Carmen Francesca Banciu under construction at the Hyundai Mipo Dockyard.

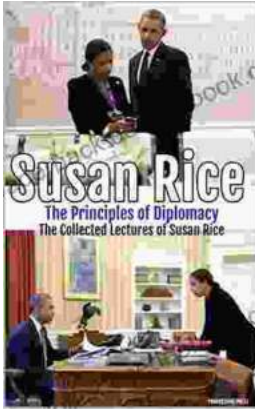


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