

Concarneau, 30 August 2022

PIRIOU sign contract with TOWT
for the construction of
a second 81-metre sailing cargo ship



©PIRIOU - 3D image of the TOWT sailing cargo ships

PIRIOU have just signed a contract with TOWT for the construction of a sister ship to the 81-metre sailing cargo ship ordered at the start of 2022.

The delivery of the first ship is scheduled for the end of 2023, in Concarneau, while the second is planned for spring 2024. In the coming weeks, the construction of the first unit will start in PIRIOU's shipyard in Giurgiu (Romania) and it will arrive in Concarneau next summer ready for the outfitting phase. The construction of the second will start in a few months.

With a cargo capacity of 1100 tonnes, the ship is designed for 320 days at sea per year. Navigation is principally sail-powered. In addition to its wind propulsion, it is equipped with two turbocharged 4-stroke marine diesel engines. On the bridge, there will be a single command station and its ergonomics will allow the officer of the watch to carry out all the commands and course adjustment operations, excluding manoeuvres, single-handed.

The ship and all its equipment will comply with the regulations on cargo vessels performing international trips and will also comply with the regulations relating to cargo vessels with a gross register tonnage greater than 500 UMS.

Vincent Faujour, Chairman of the PIRIOU group declared: **"A few months after announcing the signature of a contract with PIRIOU for the construction of the first sailing cargo ship, this new order shows that the customer is continuing to put its trust in Piriou and confirms that our shipyards remain at the cutting edge of innovation in the rise of wind-powered technologies and the decarbonisation of maritime transport'.**



©PIRIOU - 3D image of the future TOWT sailing cargo ship



Main characteristics

Hull length	69.00 m	Hull/superstructure:	Steel/aluminium
Overall length:	81.00 m	Sail power:	2 masts, 4 aluminium booms
Beam:	11.90 m	Sail area (2 main sails, 2 jibs, 1 Genoa jib):	2,200 m ²
Depth at main deck:	8.65 m	Engine power:	2 x 422 kWm at 1790 rpm
Maximum draught (moulded)	6.00 m	1 bow thruster	
Air draught	64.00 m	Generator sets	2 x 250 kVA
Crew:	7 to 12 p max	Cranes for pallet holds	2 x 7.5 t at 4.5m
Passenger capacity (6 double cabins)	12 p.	Freight capacity (1,000 to 1,100 tonnes in bulk on pallets + 135 225-litre barrels of wine or spirit)	
Average speed	10.5 kts		
Maximum speed under sail	Over 16 kts		

About PIRIOU

Involved in shipbuilding, repair, naval engineering and services for 55 years, PIRIOU specializes in producing medium-sized vessels up to 120 m in length with high added value through a combination of high-performance engineering and a global network of industrial sites in Europe, Africa and Asia. With over 500 ships built and delivered worldwide, PIRIOU provides, on a global scale, bespoke solutions as well as a complete range of standardized or customized vessels that satisfy the requirements of international ship-owners, whether they be private or public, civilian or military. PIRIOU has the capacity to support ship-owners throughout the world, 24/7, to optimize the service time of their ships and offers maintenance-related services... PIRIOU also confirms its ability to innovate and contribute to answer the requirements of transport decarbonisation integrating hydrogen fuel cells, wind-powered merchant vessels, and hybrid vessels.

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About TOWT

Founded in 2011, TransOceanic Wind Transport, TOWT, is a sailing freight company. TOWT's activity as a technical, commercial, and financial operator has been focused on the transport of goods on existing or future large sailing vessels for the past 11 years, with the aim of drastically decarbonising maritime transport.

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