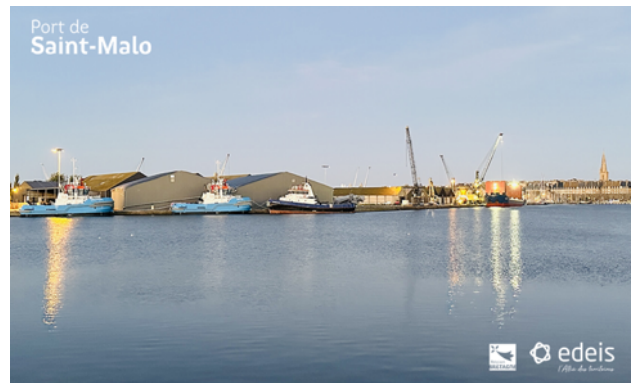
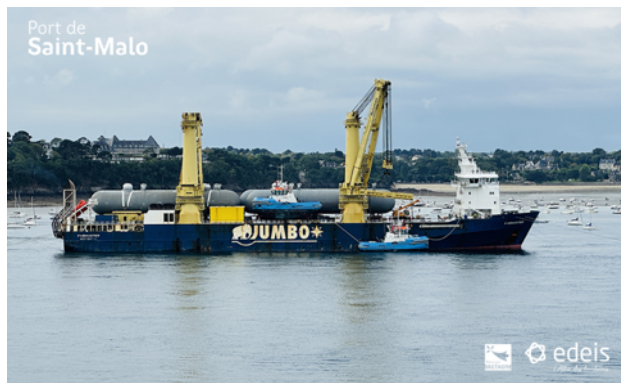


Port of Saint-Malo, France: two new tugs delivered by Piriou

Ordered in 2022 by EDEIS Ports de Saint-Malo & Cancale (concession holder), the two OST 22 tugs have been delivered today by PIRIOU. This €10.3 million investment will renew part of the fleet, replacing the Grand Bé, which was decommissioned in 2021, and will allow to meet all the service requirements of the port of Saint-Malo's towing division (trunking, improved reception conditions for cargo vessels). The two sisterships built by the French shipbuilder will also enable the port's towing activity to be extended to include marine works and barge transportation. Currently in the test phase, the tugs should be operational in October.



Monday, September 23, 2024: Signing of delivery of the tugs

From left to right: Luc Langlois (Project Manager - Piriou), Romuald Pichon (Deputy Managing Director - Edeis Ports de Saint-Malo & Cancale), Charles Bodiguel (Maritime Services Operations Manager - Towing - Edeis Ports de Saint-Malo & Cancale) and Sylvain Montels (Sales Manager - Piriou).

OST 22 tugs: versatility and maneuverability

The new OST22 tugs are based on PIRIOU's OST30 design. This specific version is built on a **hull of 22 meters long and 8.50 meters wide**, dimensions suitable for passing through the Saint-Malo lock and for maneuverability constraints in the wet dock and Saint-Malo's outer harbour. They have been designed for **port towing operations from bow and stern**, as well as **push-pull towing operations**.

They are equipped with a fire-fighting system and, in addition to the standard equipment, a stern winch and a lifting crane.

On the bridge, the ergonomic design of the bridge control desk enables the captain and the crew to carry out all the tug's steering and maneuvering operations.

Visibility over the working area is as good as possible, both horizontally and vertically.

Key strengths: maneuverability, versatility, lifting, pulling and pushing power, bridge visibility, fire 1400m³/h (fire cannon), modern design.

Intended for use in the English Channel, an area where ship emissions are regulated, they are fitted with smoke treatment systems to comply with IMO 3 emission standards.

From Ho Chi Minh, the two tugs reached their home port of Saint-Malo on Monday, September 19, by cargo ship.

Jean-Luc Schnoebelen, President EDEIS says: "We had a clear idea of what we wanted for the Port of Saint-Malo. Tugs adapted to our activities and our port: maneuverable, powerful, versatile and modern. We are delighted to welcome those 2 new tugs to the Port of Saint-Malo. Their arrival adds new services to our know-how. Many thanks to the Brittany Region for its support to our investment operations, and to PIRIOU for meeting our requirements."

Vincent Faujour, President of PIRIOU group says: "*I want to thank EDEIS, one of Brittany's leading port towage operators, for its trust in PIRIOU. The acquisition of these two tugs will enable to meet all the requirements of the towing division of the Port of Saint-Malo, and to provide new services. With over 25 years' experience in the towing sector, proven designs and a strong capacity to adapt our ships to the specific requirements of our customers, we are continuing to strengthen our position as the French leader in this segment.*"

A multi-purpose ASD tug for port and coastal use

The OST 22 is a multi-purpose tug designed for push-pull towing and port assistance, as well as coastal towing operations. With a hull length of 22 m, it can also help approaching vessels in access channels.

It is powered by two "azimuth" thrusters (Azimuth Stern Drive) with integrated hydraulic gearboxes. These thrusters are driven by two high-speed marine diesel engines.

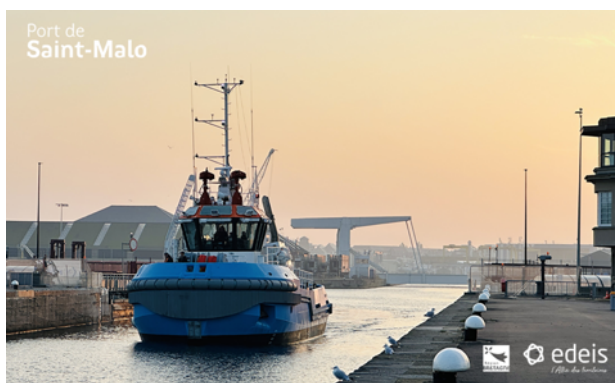
On the bridge, the ergonomics of the single control station enable the captain to handle all steering and maneuvering operations alone, thanks to excellent visibility on the forward and aft working areas, and on the horizontal and vertical environment.

To meet the specific operating conditions of EDEIS, these tugs are fitted with :

- 1,400 m³/h FiFi equipment for external fire-fighting,
- an aftwinch,
- a stern winch and a towing hook,
- a rear crane for parcel handling,
- fenders suitable for pushing low-freeboard barges, as well as for assisting ferries (clear fenders leaving no marks),
- an indirect refrigeration system using box coolers, designed for stationary operations, covering all on-board equipment without seawater circulation.

They have a large aft deck for installation of equipment for maritime work, including the possibility of fitting a gantry crane. [...] They are designed for a three-year refit with special anti-fouling and ultrasonic water intake protection system.

The accommodation, including two cabins (4 berths), complies with the latest ILO 2006 standards, and particular attention has been paid to sound insulation and air conditioning.



Main characteristics

Overall length	21.95 m	Speed.....	11 kts
Overall beam	8.75 m	Propulsion.....	2 x 1080 kW@2200 rpm
Depth on keel	4,20 m	Generators	2 x 124 kVA
Max draught	4,20 m	Crew.....	4 p.
Traction at fixed point	32 t	Hull / superstructure	steel/aluminum
Fuel	39 m3	Fifi system.....	1400 m ³ /h
Fresh water.....	8,5 m3		

About PIRIOU

PIRIOU is France's number one private-owned shipbuilding and repair group. Since 1965 PIRIOU builds high value-added vessels up to 120m in length, thanks to its high-performance integrated engineering and its sites in Europe, Africa, and Asia. With nearly 600 ships built and delivered worldwide, PIRIOU offers customized solutions and a complete range of ships to meet the needs of international private and public, civil, and military shipowners. PIRIOU has also demonstrated its ability to innovate and to contribute to the decarbonization of maritime transport with the introduction of wind propulsion, fuel cells and hybrid ships. PIRIOU has 1,420 employees worldwide, including 740 in mainland France and overseas, generating €350 million in turnover by 2023.

www.piriou.com

About EDEIS Ports de Saint-Malo & Cancale

Since January 1, 2020, and for a period of 13 years, the Brittany Region has awarded the concession for the ports of Saint-Malo & Cancale to EDEIS. The company will manage, operate, maintain and develop the infrastructure and superstructure of the ports of Saint-Malo & Cancale.

<https://www.saintmalo-cancale.port.bzh/>

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