STEERPROP WINS REPEAT ORDER FOR DUCTED PROPULSION ON HYBRID TUG

GONDAN Shipbuilders has placed a second order for hybrid-capable azimuth propulsion units from Finnish propulsion specialist Steerprop. The units will be installed on a new high-performance tugboat for Norwegian shipowner Østensjø Rederi.

The order follows an earlier contract for a vessel of similar scope announced in February this year. The first sister vessel is under construction at Gondan Shipbuilders to a tug design ST933 by naval architect Skipsteknisk. Steerprop will again supply dual-end versions of its SP 50 W D propulsors, giving the vessel the flexibility to operate its main propulsion using a diesel engine, an electric motor, or a combination of both.

Juho Rekola, Director, Sales & Project Management at Steerprop, said: “This repeat contract for highly capable propulsion on a sophisticated vessel confirms the fruitful cooperation established between all parties. We are delighted to retain and build on the trust that Østensjø Rederi, GONDAN Shipbuilders and Skipsteknisk have placed in Steerprop with another project.”

The vessel will carry out the majority of its operations using the diesel-electric mode, while the diesel engine will provide additional power when higher bollard pull is required. Steerprop’s compact propulsor design provides flexibility in vessel arrangement and power configuration. The dual-end propulsors enable two power sources to be connected and operated, offering an important advantage in more complex hybrid configurations such as this.

With a bollard pull of 150 tonnes, the vessel will also feature DP2 dynamic positioning capability to meet the demanding requirements of offshore tug and towage operations. Ducted propulsors deliver high efficiency, strong thrust at low speeds and excellent manoeuvrability, making them particularly well suited to tug applications. A robust mechanical propeller drive and fixed-pitch propeller concept further enhance the reliability required for challenging offshore operations.



Caption 1: The new tugboat for Østensjø Rederi will be equipped with two Steerprop SP 50 W D dual-end azimuth units. Image: Skipsteknisk/Østensjø Rederi.



Caption 2: Compact ducted propulsion provides the power and configuration flexibility required for demanding tug applications.

For more information, please contact:

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ABOUT STEERPROP OY

Steerprop is a leading designer and manufacturer of marine propulsion systems for the most demanding applications and toughest conditions.
Since our founding in Finland in 2000, we have delivered purpose-built units for hundreds of vessels, including every third icebreaker with azimuth propulsion in operation around the world.
Our unrivaled arctic experience and fit-for-purpose solutions are a testament to our commitment to continuous development, steadfast dedication to meet our customers' needs and our unwavering resolve to perform.
www.steerprop.com