PRESS RELEASE

Robosys Automation Secures Landmark Offshore Wind Vessel Retrofit Contract

Caption: Robosys' VOYAGER AI maritime autonomy software will be integrated into a CTV, marking its first application within the offshore renewables sector. Image of similar vessel.

Image ©WindserveMarine

Robosys Automation, a global leader in maritime autonomy, vessel control systems, and smart shipping solutions, has announced that it has secured a new contract to retrofit a 26-metre Damen 2610 Fast Crew Supplier (FCS) Twin Axe High Speed Support Vessel (HSSV), with its flagship **VOYAGER AI** advanced maritime autonomy software.

The vessel, built in 2015 to Lloyd's Register classification standards, is powered by twin Caterpillar C32 engines with direct drives and is equipped with an Alphatron autopilot, Böning control system, Bosch Rexroth ship controls, and a Hydrosta bow thruster system.

This integration will be the second such type using of Robosys' VOYAGER AI into a CTV (Crew Transfer Vessel) having first retrofitted a similar Damen 26m CTV with the VOYAGER AI Autonomous Navigation System (ANS) in 2019.

These onboard systems will be seamlessly integrated with Robosys' VOYAGER AI, enabling Remote Control as well as enhanced safe Autonomous Navigation and safe and smart decision-making capabilities using integrated Electronic Navigation Charts (ENCs) ie. ECDIS for route/path planning and re-planning validation plus COLREGS based Collision Avoidance

The contract, awarded by an undisclosed European client, involves a comprehensive retrofit to ensure optimal performance of the VOYAGER AI platform in real-world offshore support operations, including crew transfers, logistics, and dynamic positioning tasks.

Nigel Lee, Chief Strategy Officer at Robosys Automation, commented: “This project represents a significant leap forward not only for Robosys but for the offshore renewables industry. The integration of VOYAGER AI into this Damen FCS 2610 vessel highlights the confidence in remote and autonomous smart vessel technologies to enhance safety, operational efficiency, and sustainability, within offshore wind operations.”

VOYAGER AI offers scalable levels of autonomy, ranging from decision-support to fully autonomous operations, and is built to integrate with existing vessel control systems with minimal disruption.

Lee continues: “The integration of Robosys’ VOYAGER AI into the Damen 2610 marks a major step forward in enhancing the safety, efficiency, and sustainability of our customer’s offshore operations. As the offshore wind industry continues to evolve, embracing advanced autonomy is a natural progression to meet future demands, for safer and cleaner seas.”

This adaptability was key in securing the retrofit contract, with VOYAGER AI complementing the vessel’s legacy systems while opening the door to remote and autonomous operations.

With global demand for offshore wind accelerating, this deployment demonstrates how intelligent autonomy solutions can play a critical role in future-proofing vessel operations and supporting net-zero ambitions.

Robosys Automation s a provider of advanced maritime autonomy, vessel control systems, and smart shipping solutions. Its VOYAGER AI software suite supports a wide range of surface and sub-surface vessel operations, from ports and naval defence to offshore energy and commercial shipping.

Find out more at **www.robosysautomation.com**.

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NOTES TO EDITORS

ABOUT ROBOSYS AUTOMATION

Since 2012, **Robosys Automation** has been regarded as the world leader in maritime autonomy and smart shipping applications, delivering pioneering and intelligent navigation solutions to crewed, lean-crewed and autonomous vessels, USVs and ships, from 3m to 320m.

Headquartered in the UK within the maritime sector's Silicon Solent region, Robosys also has offices in USA, Canada and India.

Robosys has two decades of experience in developing and supporting AI maritime autonomy and smart shipping solutions with its platform, propulsion, and sensor-agnostic software; for both operational purposes, and for training simulation in synthetic environments, across surface and subsea operations.

Robosys' solutions are proven and boast full IMO Degree 4 Maritime Autonomy capability. Robosys' solutions include its ground-breaking **VOYAGER AI** software which transforms any motorised vessel into a fully autonomous Unmanned Surface Vessel (USV); which features independent navigation, collision and obstacle avoidance, anti-grounding and dynamic route optimisation.

In addition, Robosys offers numerous options to complement VOYAGER AI, including COLREGS-compliant Collision Avoidance Decision Aid (CADA) applications, to enhance the safety in the support of crewed and lean crewed watchkeepers. Other options include Voyager Platform Control providing Remote Steering, Engine Control and Propulsion Control, together with Voyager Platform Management, providing Alarm Monitoring, together with Switch & Relay Controlling.

Robosys Automation has also won numerous awards and accolades, being named Finalist for the **Maritime UK 2025 International Partner Award** Finalist, Finalist of the **Maritime UK Technology Gamechanger Award** in 2024, Winner of the **MUKS Future Skills Award** in 2024, and was also crowned Winner of the **MUKS 2023 International Partner of the Year Award** in 2023.

Robosys' national and international partners include the **Australian Maritime College - AMC Search**, the **Maritime Research Institute of Netherlands** (**MARIN**) and the **National Oceanography Centre (NOC) Marine Robotics Innovation Hub.**

Find out more about Robosys Automation at **www.robosysautomation.com**.

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Image Caption: Robosys' VOYAGER AI maritime autonomy software will be integrated into a CTV, marking its first application within the offshore renewables sector. Image of similar vessel.

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PRESS CONTACT

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