PRESS RELEASE

Robosys Wins University of Plymouth Contract For USV Integrated Advanced Maritime Autonomy Solution

The University of Plymouth's C-Enduro will feature Robosys Automation's VOYAGER AI suite (Image sister USV © Bluebird Electricity)

The advanced maritime autonomy developer, Robosys Automation and new customer, the University of Plymouth (UoP), have announced a contract to deliver an integrated advanced maritime autonomy solution for an ASV C-Enduro USV.

Robosys will provide its **VOYAGER AI Autonomous Navigation System (ANS)** to the University, to seamlessly operate a C-Enduro Unmanned Surface Vessel (USV).

The C-Enduro USV, named 'Bauza,' undertakes hydrographic and oceanographic surveying and training. The Royal Navy has awarded the University of Plymouth a contract to supply the USV, which will be integrated with Robosys' VOYAGER AI software, enabling it to efficiently, intelligently, and safely perform over-the-horizon data gathering operations.

Robosys Automation's VOYAGER AI Autonomous Navigation System provides a single, integrated user experience, featuring Mission Planner, Situational Awareness featuring Radar, AIS and Tracks overlaying of ENC S57 Charts, with AutoPilot Control featuring Routing, Waypoints, Loiter, Collision Avoidance, Obstacle Avoidance, and Anti-Grounding.

In addition, Robosys' recently launched **USV Remote Control Waistpack** will be provided to extend the USVs capabilities, through delivering full wireless remote control in any weather conditions from any local range mothercraft or shoreside short range, which is seamlessly switchable with the University's Remote Operations Centre (ROC).

Professor Chris Fogwill, Executive Dean of Science and Engineering at the University of Plymouth, comments, “Marine autonomy is a critical element of the UK’s defence and resilience operations. With Plymouth recently named the National Centre for Marine Autonomy, the University is driving significant advances in the innovative applications of this technology. The VOYAGER system is proven globally as being reliable and robust, and Robosys’ continued development of the platform will deliver multiple benefits as we evolve and enhance our marine autonomy fleet.”

Adita Nawab, Robosys Automation’s CEO states, “This is an exciting contract win for Robosys, as our VOYAGER AI software delivers an intuitive, single and integrated navigation and control solution for USVs such as the University of Plymouth’s C-Enduro.”

Robosys’ flagship maritime autonomy and vessel control software, VOYAGER AI, is regarded as the world’s foremost maritime artificial intelligence (AI) software in its sphere, delivering proven advanced navigation, CADA, and decision aid solutions, to IMO Degree 4 Maritime Autonomy.

Integration of Robosys’ VOYAGER AI suite into the University of Plymouth’s C-Enduro USV is planned for Q3 2025.

Discover more at **www.robosysautomation.com** to discover how Robosys can uniquely help business and organisations be smarter (and safer) across their maritime operations.

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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 achieved and won numerous awards and accolades, including being crowned the Winner at the **MUKS 2023 International Partner of the Year Award**, Winner of the **MUKS 2024 Future Skills Award**, and declared the Finalist at the **Maritime UK Technology Gamechanger Award** in 2024.

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

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

About the University of Plymouth

The University of Plymouth is renowned worldwide for its high-quality research, teaching and innovation. With a mission to Advance Knowledge and Transform Lives, the University drives the global debate in disciplines from marine and maritime science to medicine, law, computing and climate action.

With a city centre campus and further state-of-the-art facilities spread across Plymouth and beyond, plus Devon and Cornwall's stunning coast and countryside on the doorstep, the University provides a unique blend of urban and outdoor lifestyle opportunities for everyone who studies and works here. A three-time winner of the Queen's Anniversary Prize for Higher and Further Education – most recently in respect of its pioneering research on microplastics pollution

in the ocean – Plymouth consistently ranks among the world's leading universities for its innovation, research and teaching in relation to the United Nations' Sustainable Development Goals.

Plymouth's teaching and learning excellence is reflected in one of the highest numbers of National Teaching Fellows of any UK university. With over 18,000 undergraduate and postgraduate students, plus a further 7,000 studying at partner institutions in the UK and around the world, and over 175,000 alumni pursuing their chosen careers internationally, the University of Plymouth has a growing global presence.

http://www.plymouth.ac.uk

SOCIALS

#RobosysAutomation	@RobosysAutomation	#VOYAGERAI
#AdvancedMaritimeAutonomy	#MASS	#SmartShipping
#VesselControlSystems	#UncrewedVessels	

MEDIA USE

For the main image of the ASV C-Enduro USV please credit **©BluebirdElectricity**
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