

## PRESS RELEASE

### **Unmanned Survey Solutions Commissions New USV featuring Robosys' VOYAGER AI maritime autonomy**



Unmanned Survey Solutions (USS) has unveiled and commissioned its latest Accession class Unmanned Surface Vessel (USV) featuring Robosys Automation's groundbreaking VOYAGER AI Survey advanced maritime autonomy suite.

The USS Accession class vessel is pioneering, eco-friendly, repeatable and reliable for offshore Beyond Line of Sight (BLoS) operations.

Meticulously designed for high performance, endurance, versatility and low emissions, the Accession excels due to its modular payload system, exceptional stability, and advanced hybrid battery systems, with diverse capabilities as a sensor agnostic platform for the integration of a vast array of mission-specific instruments.

USS's growing fleet of game-changing hybrid USVs are built with ambition and capacity for tomorrow yet are proven and commercially viable as the optimal solution for rapid deployment today.

Working with leading global clients in the maritime sector, USS is successfully mobilising, deploying and remotely operating its advanced vessels in offshore, coastal and inland waters for maritime data acquisition projects including offshore renewable energy industries, oil & gas, dredging and construction, ports and harbours, and defence & security, as well as for scientific and environmental purposes.

Robosys' groundbreaking VOYAGER AI SURVEY delivers Remote Control and Autonomous Navigation with Autonomous Collision Avoidance, Obstacle Avoidance, combined with Anti-Grounding features enabled by integration of S-57 ENC charts. Specifically designed for the marine survey sector, it also boasts a software Autopilot with Widget control, Heading & Track Control, and Route(s) & Waypoint(s) Planning & Following, with Approach, Harbour and Tidal modes. The integration also sees over 200 PLC channels integrated in to the single, integrated, VOYAGER AI User Interface.

James Williams, USS CEO comments, "Choosing Robosys as a strategic partner for the main control and autopilot system onboard the Accession class USVs has resulted in a step change in our operational capabilities.

He continues, "Robosys' support and attention to detail has been exemplary. We look forward to working with them on new vessels builds over the coming years as the adoption of USVs becomes standard in the maritime industry".

Discover more at [www.robosysautomation.com](http://www.robosysautomation.com).

- ENDS -

# 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 12m to 320m. Headquartered at the UK National Oceanography Centre with offices in India, USA and Canada, Robosys' solutions are proven with full IMO Degree 4 Maritime Autonomy capability.

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.

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 AI Platform Management, providing Alarm Monitoring, together with Switch & Relay Controlling. Applications are used in vessels undertaking surveying, pilotage, defence, bulk, short sea, search and rescue, and research operations.

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

Find out more about Robosys Automation at [www.robosysautomation.com](http://www.robosysautomation.com).

## ABOUT UNMANNED SURVEY SOLUTIONS

USS acquires, processes and delivers high-quality marine data using innovative remotely-operated Uncrewed Surface Vessels (USVs).

Combining visionary USV design with professional deployment and skilled survey operations, USS provides an end-to-end solution from data acquisition to final delivery of marine datasets. Customers benefit from cost effective surveys, reduced risk and lower carbon emissions helping meet project goals and sustainability targets.

USS is among an elite, pioneering group of survey data providers using solely uncrewed vessels to execute efficient data acquisition projects.

Supporting the Blue Economy and facilitating the wider industry adoption of uncrewed systems, USS is implementing disruptive technology to inspire the USV revolution and accelerate the industry's paradigm shift towards sustainable maritime operations.

Visit [www.unmannedsurveysolutions.com](http://www.unmannedsurveysolutions.com) for further information.

## **SOCIALS**

#RobosysAutomation	#RobosysVoyagerAI	#UKMaritime
#AutonomousSurveying	#USV	#Robosys
@RobosysAutomation	#unmannedsystems	#uncrewedsystems
#usv	#asv	

## **MEDIA USE**

Main image caption: Unmanned Survey Solutions (USS) has unveiled its survey USV featuring Robosys Automation's VOYAGER AI maritime autonomy solution

Image credit: ©unmannedsurveysolutions.com

## **PRESS CONTACT**

For further information and to arrange an interview please contact Hannah Kent Colls, at **Watermark Communications**, [hannah@watermark360.com](mailto:hannah@watermark360.com), or phone +44 (0)7876 541 876