

VOYAGER AI VESSEL

Enabling Optionally Uncrewed, Remote and Autonomous Operations



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With over two decades of global experience, Robosys Automation's VOYAGER AI software delivers a proven, preferred and trusted maritime AI autonomy solution.

Voyager AI Vessel provides a full stack autonomy solution for fully Autonomous Unmanned Surface Vessels (USVs) and associated Ground Control Stations (GCS) including enabling Advanced Autonomous Navigation, Platform & Payload Control.

Voyager AI can also be retrofitted to existing vessels for optionally Unmanned, Remote & Autonomous Operations.



Collision Avoidance



High Speed Autonomy



Obstacle Avoidance



Alarm Monitoring



Anti-Grounding



Switch Control



COLREGS Compliant



Sensor Fusion



Remote Control



Autonomous Route Planning

KEY FEATURES



- ⇒ Proven autonomy at 45 knots +
- ⇒ IMO degree 4 autonomy since 2014
- ⇒ Real-time data fusion of Radar, AIS, ARPA and other sensors
- ⇒ Smart Object Detection using AI Computer Based Perception Systems
- ⇒ User Configurable Vessel, Mission & Operational Parameters
- ⇒ Integrated Platform Alarm, Monitoring and Control
- ⇒ Vessel, Propulsion and Sensor Systems agnostic
- ⇒ Loss of Comms (LOC) Mission Continuity

Robosys Automation Ltd

Office W1-38

National Oceanography Centre

European Way

Southampton

SO14 3ZH

Tel. 02380 173844

Sales@robosysautomation.com



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