



Robosys RC & Autonomy Kit – RIB & Small Craft

Robosys provides an integrated **Remote Control** and **Autonomous Navigation System (ANS)** as well as a **Vessel Control System (VCS)**.

Robosys' **RC & Autonomy Kit** seamlessly integrates with third party steering, drives and motor control systems.

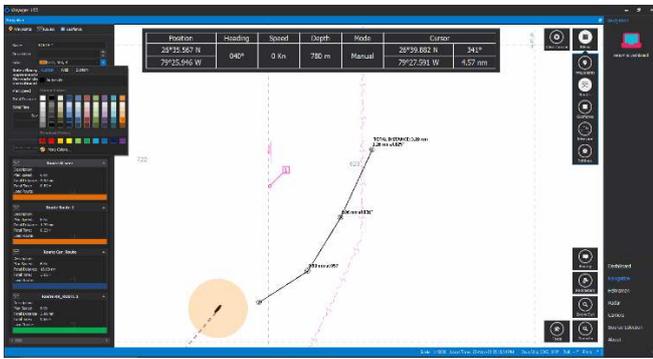
Robosys works closely with RIB and USV manufacturers globally to ensure that its VOYAGER AI autonomy solutions integrates faultlessly with onboard systems and their complex integration protocols to provide optimal vessel functionality for new build and retrofits.

Robosys' **Voyager AI Remote** software is an affordable, entry level remote control and intelligent piloting system designed specifically to work with RIBs, Small Crafts and USVs and is scalable to full Degree 4 Autonomy.

KEY FEATURES

- Single integrated UI solution
- Remote Control
- Mission Planning
- Autonomous Navigation System (ANS)
- Vessel Control System (VCS)
- Autonomous Waypoint(s) and Track(s) Follow
- Scalable to fully Autonomous Mode
- Robust and Portable GCS





VOYAGER AI INTEGRATED NAVIGATION UI

- Mission Planner
- ENC S57 Charts
- AutoPilot Control
- User Defined Mission Parameters



VOYAGER AI INTEGRATED HELM CONTROL UI

- Integrated Alarm & Monitoring
- Engine and Propulsion Monitoring
- Switch Control
- E-Stop

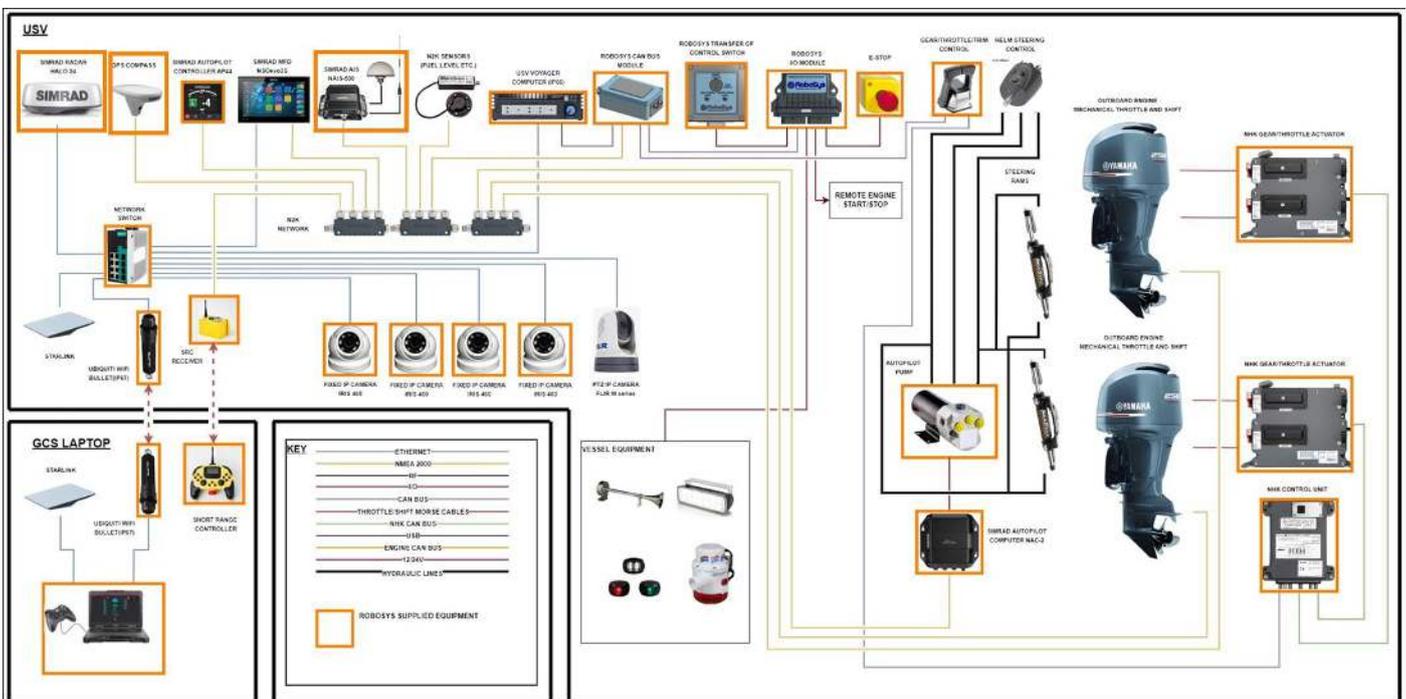
WIRELESS HELM CONTROL

- For LOS local docking / undocking
- Ruggedised handheld radio controller
- Up to 2km LOS range



Main Communication Options	Approx Ranges
SATCOM	OTH/BLOS
SHF Mesh Data Radios	LOS 20-40Km

Below is illustrated integration of full equipment onboard the RIB including RP Cameras, NavAids and Radar. **Optional Extras:** PTZ Day/EO camera | Main communication(s) bearer Satcom / SHF Data Radios



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