



# Advanced USV Operations - Live Mission Training

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12m Remote Operations &  
Mission Execution

Advance Your Capability.  
Operate Without Limits.



*Image courtesy of ZeroUSV*

## Why this course matters?

The Advanced USV Operations – Live Mission Training programme is designed for certified remote operators with suitable maritime qualifications and experience to operate at BVLOS. Delivered over five days, the course develops practical capability through live USV missions conducted from a Remote Operations Centre (ROC).

The programme focuses on mission planning, rehearsal, and execution using professional systems, including Marine AI's Guardian control system and Zero USV operational platforms. Training combines simulation, ROC watchkeeping, and live on-water operations, including a 24-hour live mission using a 12m USV.

Participants operate as part of a professional remote operations team under the guidance of experienced mission staff, developing practical confidence, situational awareness, and operational decision-making skills across LOS and BVLOS missions.

By the end of the programme, participants will have gained genuine operational experience and the confidence required to support larger and more complex remote and autonomous maritime operations.

## Who should attend?

- Certified Remote Operators seeking real-world operational experience and logged watchkeeping time
- Maritime professionals and cadets transitioning into advanced USV operations
- Defence, government, and commercial personnel
- Technical personnel supporting remote USV missions

## Entry Requirements

- MCA Recognised Remote Operator qualification under MGN 703
- Appropriate medical certification and STCW basic safety training
- Maritime qualifications, sea service, or equivalent operational experience for offshore operations up to 60NM from a safe haven

## What will you learn?

- Mission rehearsal using simulation
- Remote Operations Centre (ROC) procedures and watchkeeping
- Marine AI Guardian control system familiarisation
- LOS and remote operational control
- Mission planning and task execution
- Situational awareness and operational decision-making
- Live vessel monitoring and control
- Operational communications and handovers
- Emergency response and degraded systems management
- Practical live USV mission operations using a 12m platform over 24 hours
- form.

**Duration:** 5 Days

**Cost per person:** Price on Request

**Spaces:** 10 (max\*)

**Course Dates:** Courses run throughout the year, to view course availability visit [seabotmaritime.com/training-courses](https://seabotmaritime.com/training-courses)

\*Spaces on this programme are limited to ensure that all delegates are able to effectively participate and gain the maximum benefit from the practical sessions.

If you have any questions regarding this course, please contact [training@seabotmaritime.com](mailto:training@seabotmaritime.com)

### DELIVERED IN PARTNERSHIP WITH



Hands-on training using Zero USV operational platforms including the Oceanus12.

[zerousv.com](https://zerousv.com)



Operate using the Marine AI Guardian control system.

[marineai.co.uk](https://marineai.co.uk)



Training delivered from a live Remote Operations Centre (ROC) using industry-leading systems.