



SEASAM



UNDERWATER DATA. MADE EASY.



Australian and New Zealand Distributors



edgeROV

www.edgerov.com.au

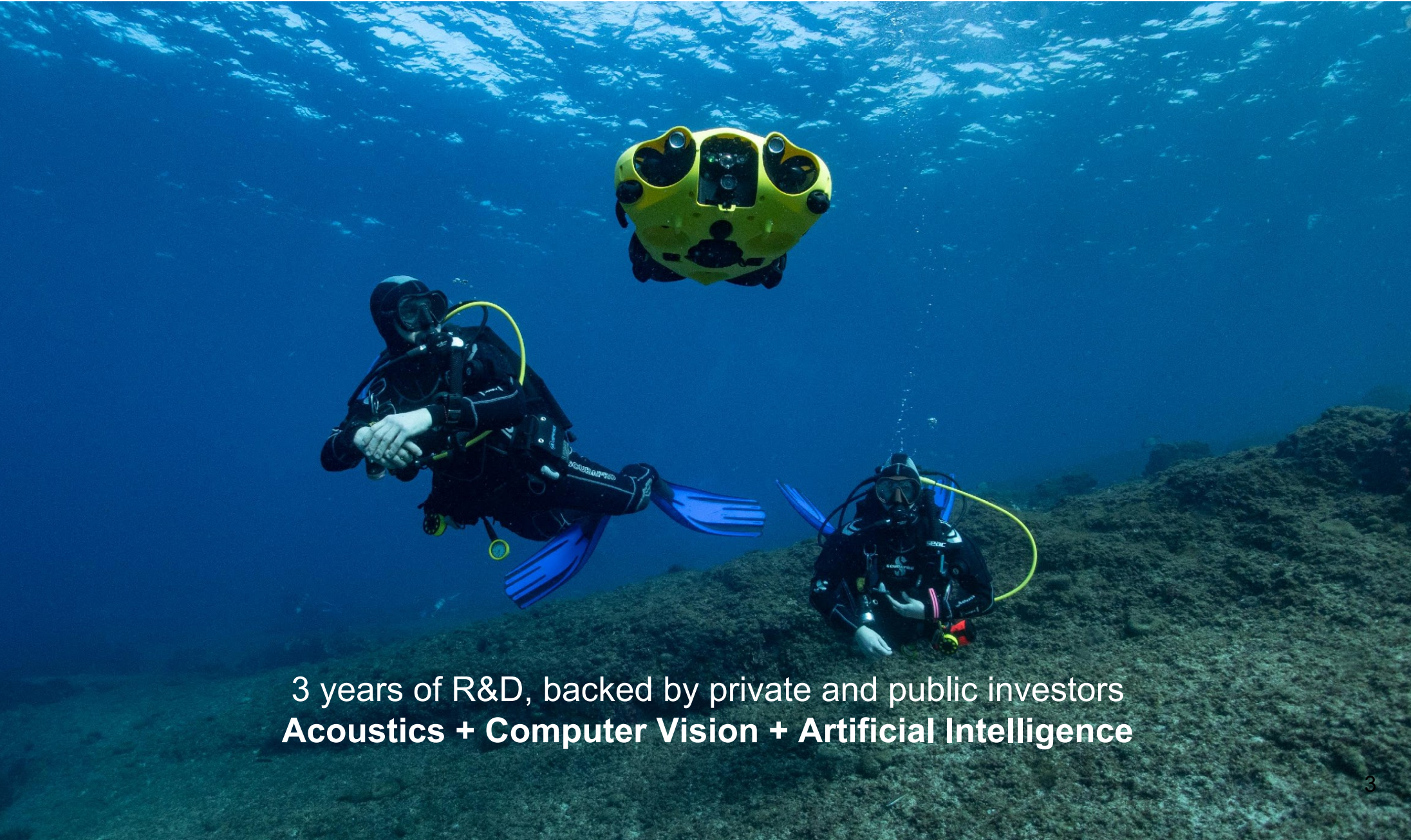


Application to Search, Rescue, Defense



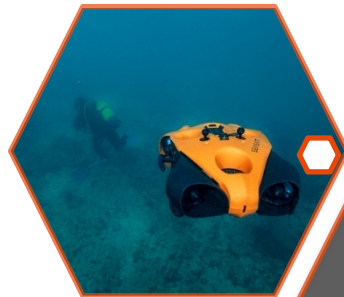


World's 1st compact, autonomous UW Drone

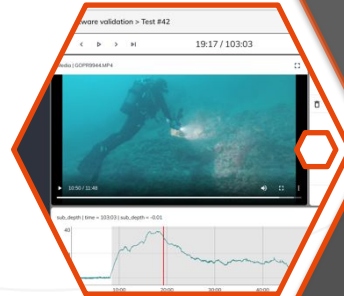


3 years of R&D, backed by private and public investors
Acoustics + Computer Vision + Artificial Intelligence

What makes it unique



Autonomous
target tracking
& supervision



Data analysis
solution
& self-learning

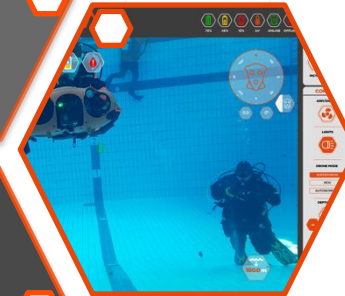


Easy setup
& training

One man
operation



Computer-assisted navigation &
control



Customizable
& upgradable



The only 4-in-1 hybrid underwater vehicle

1 base kit, 4 modes of operation



ROV



Diver Follow

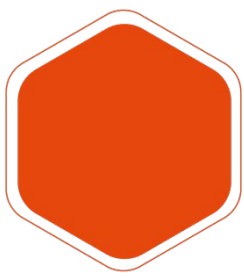


Supervisor



AUV*





Remote search / Inspection



ROV

- Coastal, harbour patrol
- Ship hull investigation
- Underwater forensics / Object / EOD / Victim search down to 100m
- Critical infrastructure inspection
- Damage assessment on hull / post-flood





Diver training security



Diver Follow

- Full autonomous and wireless diver tracking (world's first and only)
- Pre-programmed filming scenarios (follow, lead, side left, side right, come to me...) controlled in-water by the diver thanks to underwater remote control.
- Video and dive profile recording for technique analysis, mission preparation, etc...
- Video annotation and report generation on Notilo Cloud platform





Diver supervision



Supervisor

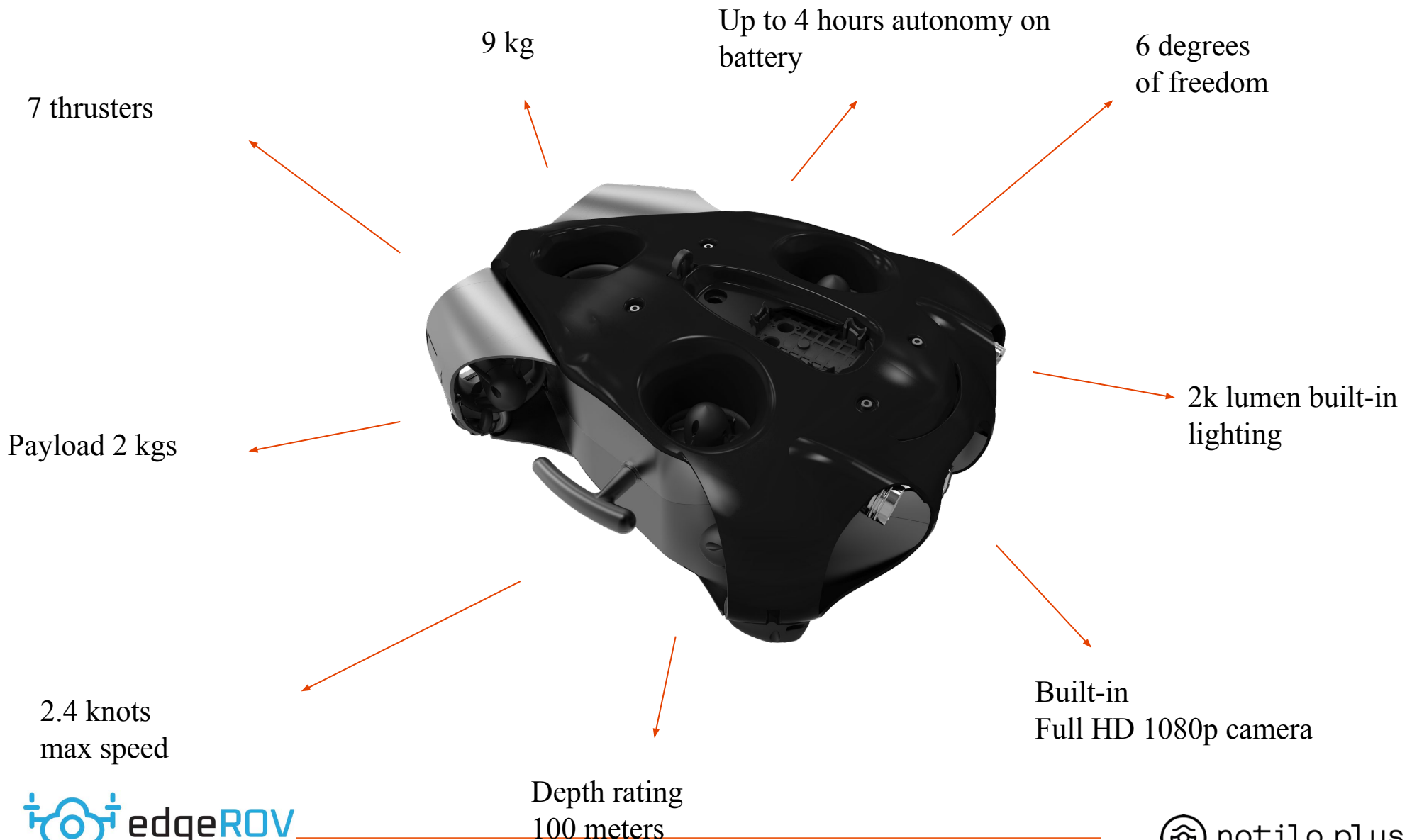
- Supervisor mode combines the Diver follow mode (autonomous tracking and follow) and the ROV mode (live video at the surface) to secure dive practice and/or interventions (deep dives, exercises,...)*
- Using the **Seasam Navigator** floating relay buoy instead of the standard Wi-Fi reel, divers can be supervised during their underwater evolution in a wider area, thanks to the remote data transmission capability and the free range of movement provided by the Navigator buoy.





Key specification

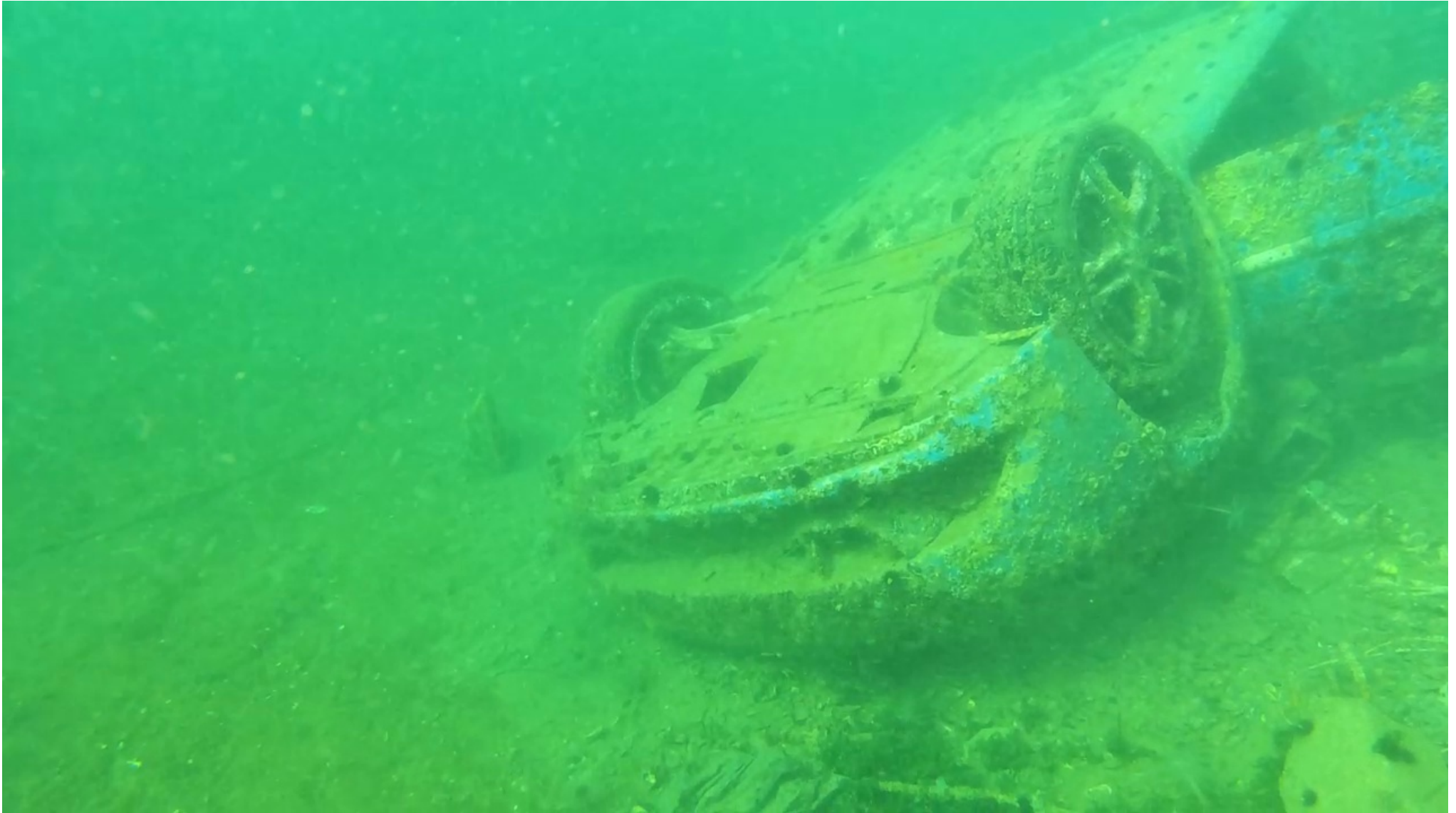
SEASAM
AUTONOMOUS
DRONE™



Easy to use & deploy anytime



Great image quality even in low light

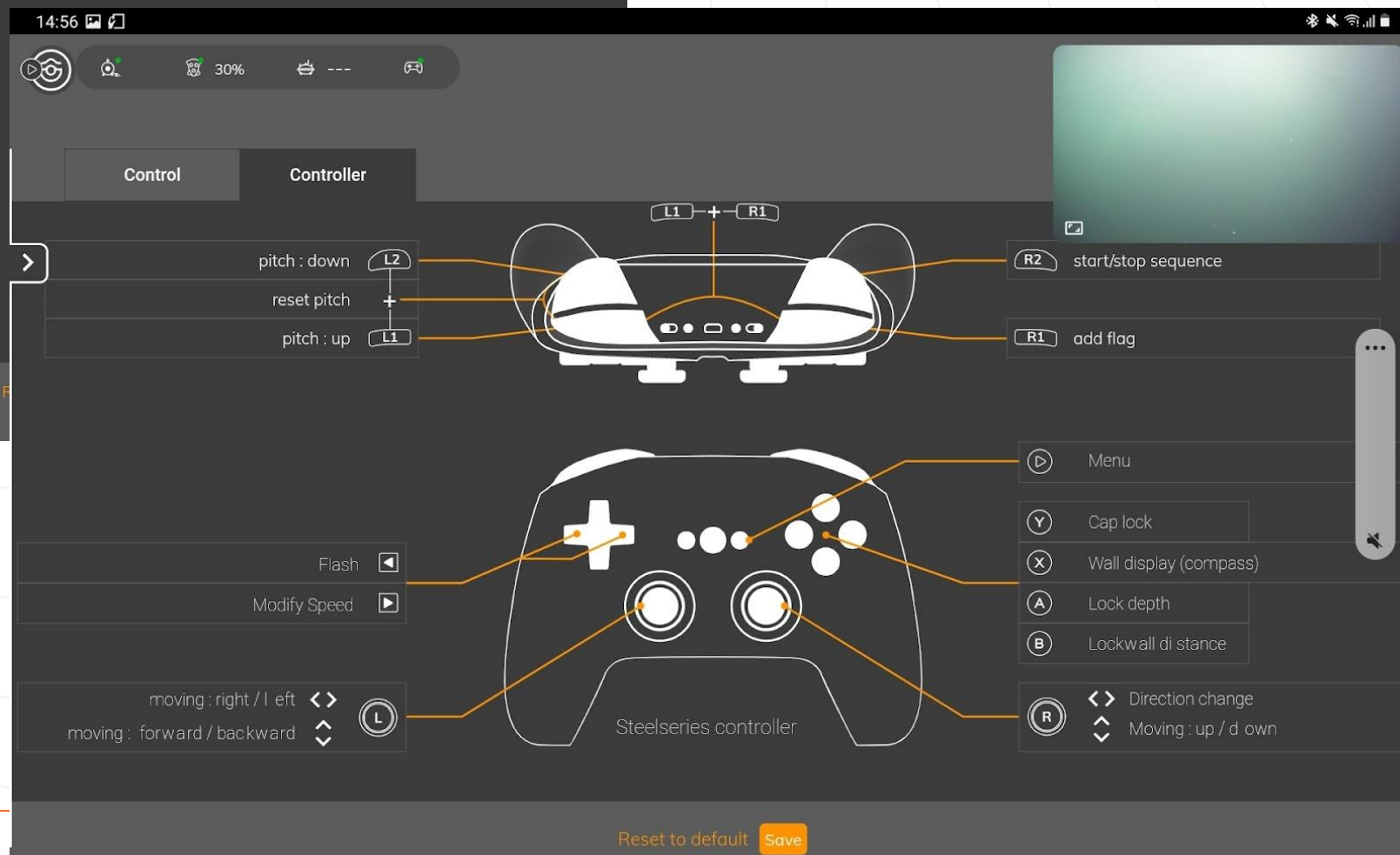
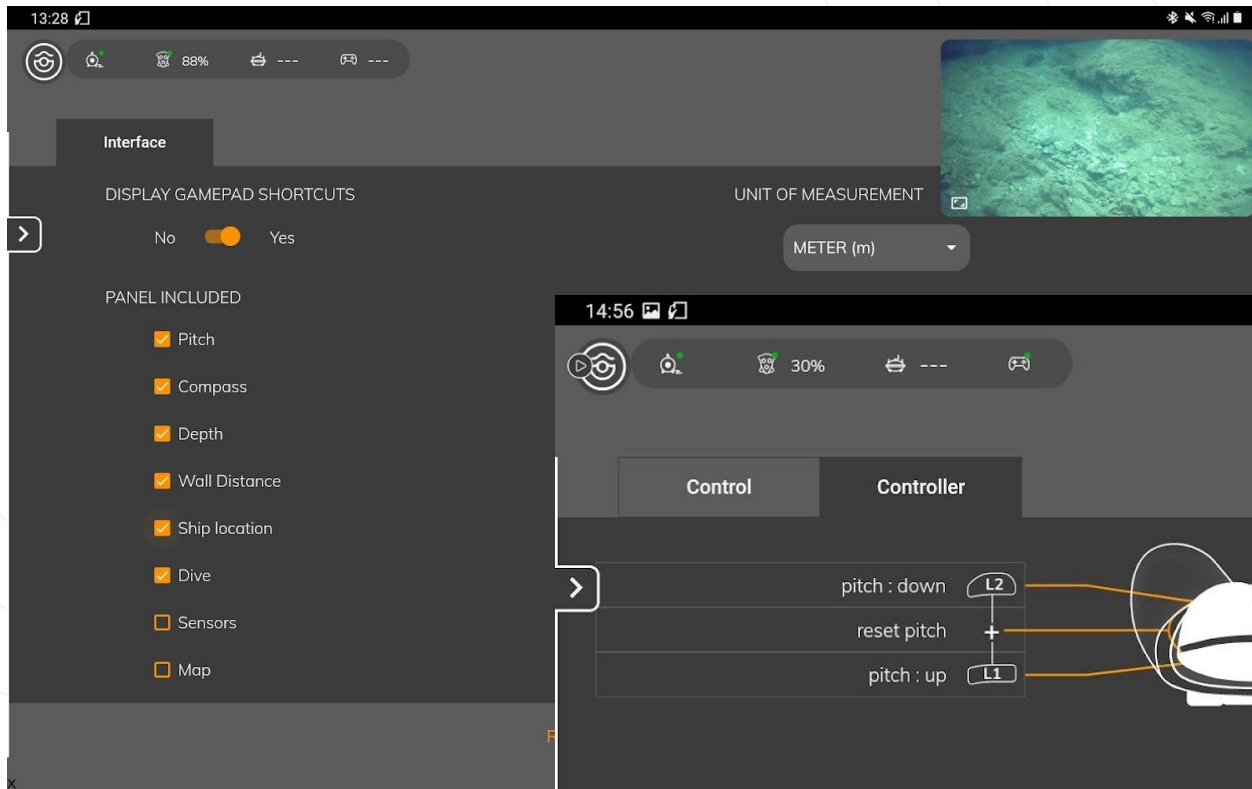


An efficient operator interface



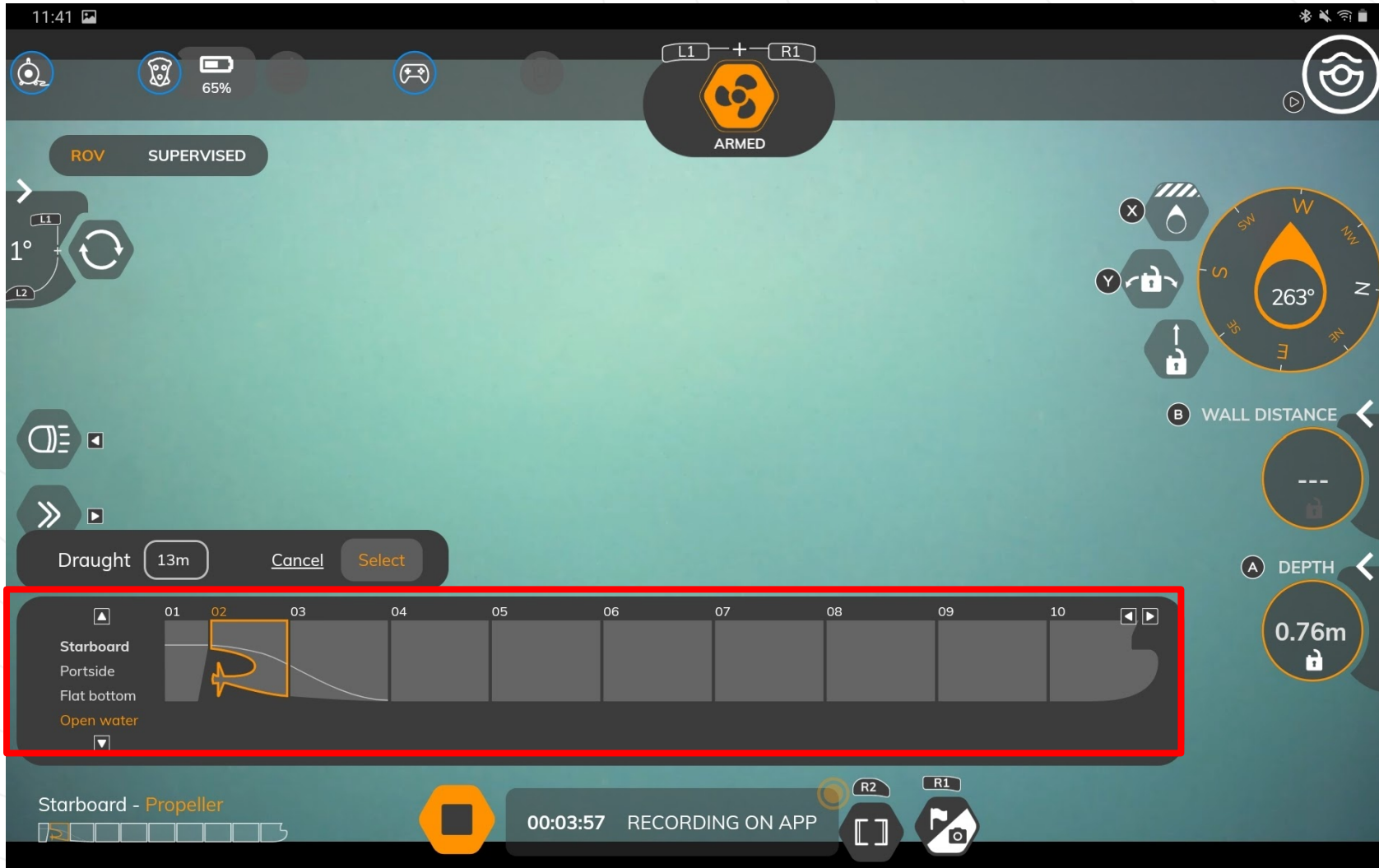
Full control on command shortcuts

SEASAM
CONTROL™



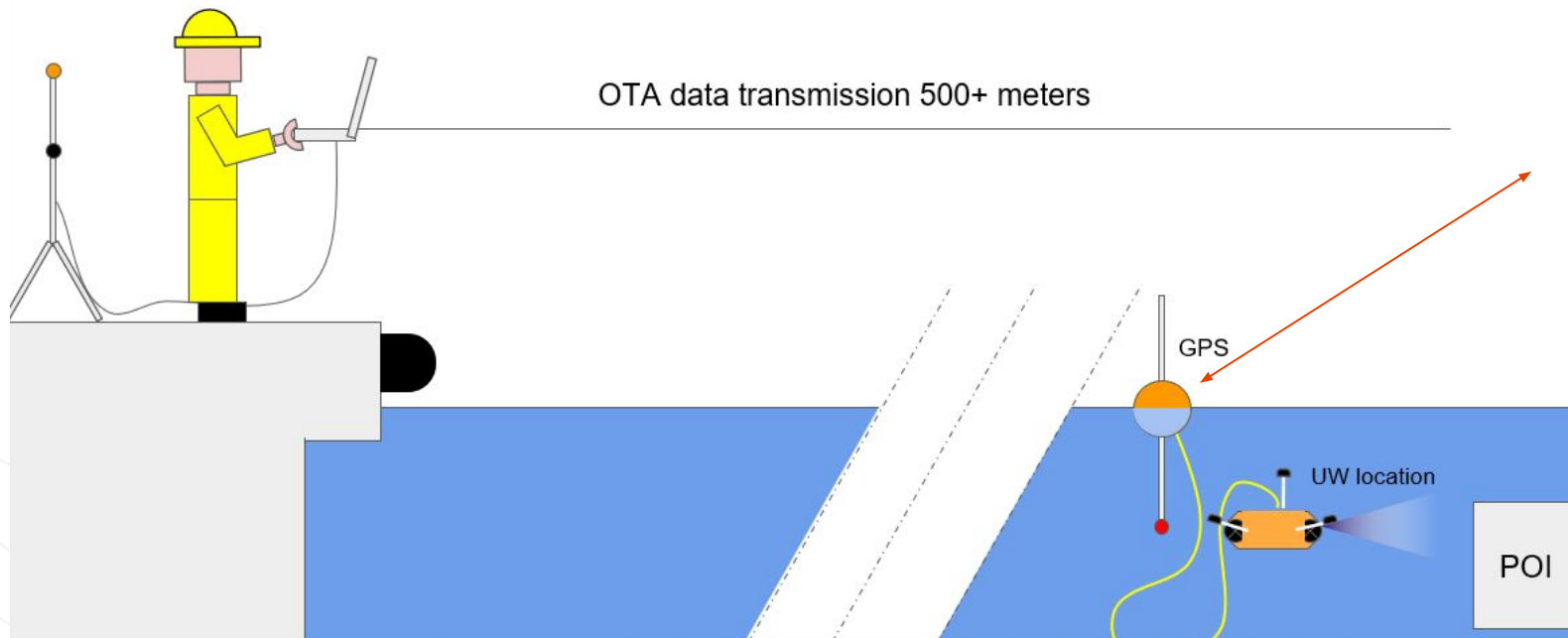


Specific module for ship hull inspection



- Allows to select the zone of ship being inspected for better classification

Remote piloting/supervision & Underwater geolocation



Seasam Navigator has 2 functions:

- A surface « relay » buoy for over-the-air piloting of Seasam drone (less tether in water) and real time transmission of data
- Underwater geolocation of Seasam drone and itself
- Optional USBL and GPS for precise location

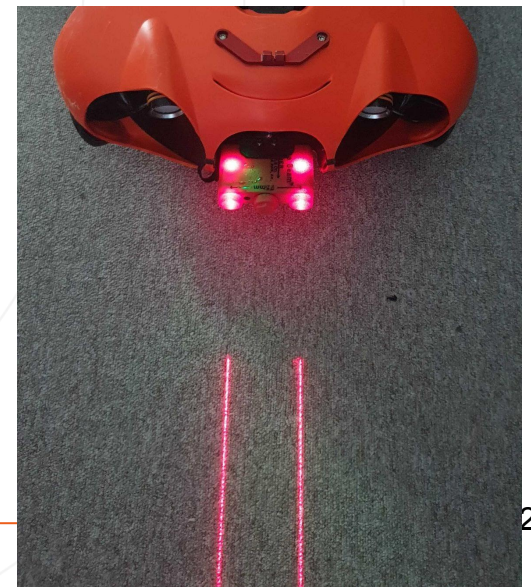
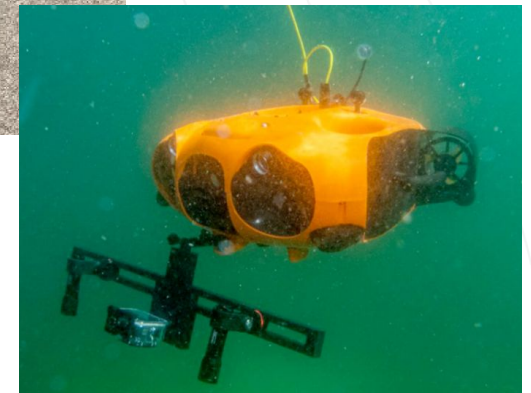
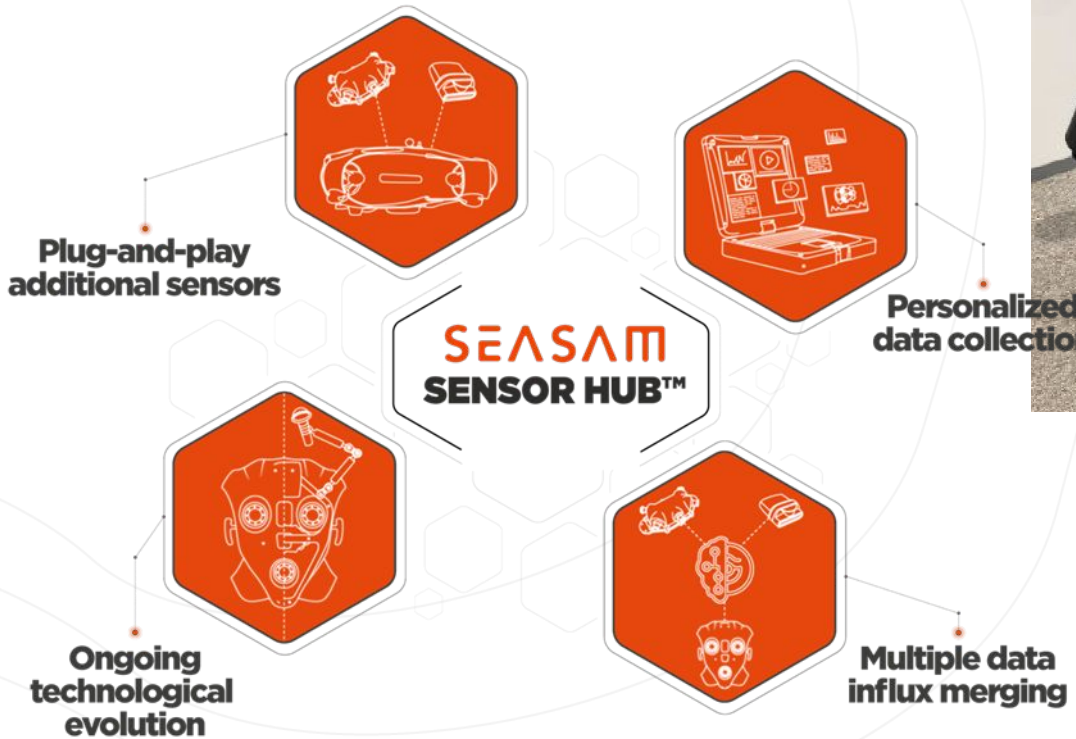
Since Seasam drone can also follow a diver autonomously, using the Navigator allows to track a diver's position in real time, whilst supervising with a visual feedback at the surface from a distance

Specific configurations for your objective

- Mission-specific, project based custom development
- 2 kgs payload, Seasam Sensor Hub interface for simplified integration of payload
- Built-in AI ability for real time data processing



Modular configuration





Notilo Plus Design Office

- Feasibility studies
- Iterative designs
- Product/Service mock-ups
- Hardware integration
- Software development
- Artificial Intelligence

Integrated data flow



Data & report processing



The screenshot displays the Notilo Cloud web application interface. On the left is a dark sidebar with navigation options: Home, Fleet (with a dropdown menu showing 'Alexandra'), Overview, Inspections (highlighted in orange), Maintenance, All Inspections, and Calendar. Below these are DATA sections (Inbox, Trash) and SETTING sections (Manage Drones, Manage Vessels, Notilo Cloud). The main content area is titled 'Dive 1' and includes a video player showing a diver's perspective. To the right of the video is a table of annotations. Below the video is a depth profile graph. The top navigation bar shows user information (Ludovic Dupont), vessel (CMA-CGM), location (Marseille), and a 'SAVE' button.

Annotation	Sequence	Maps	Voice Recording
Type	Subject	Property	
2:25	Fouling	niv.3	painting
4:24	Fouling	niv.2	painting
6:24	Clean	.	painting
6:35	Maybe Fouling Or Mechanical Damage		
7:12	Drawing	niv.2	painting

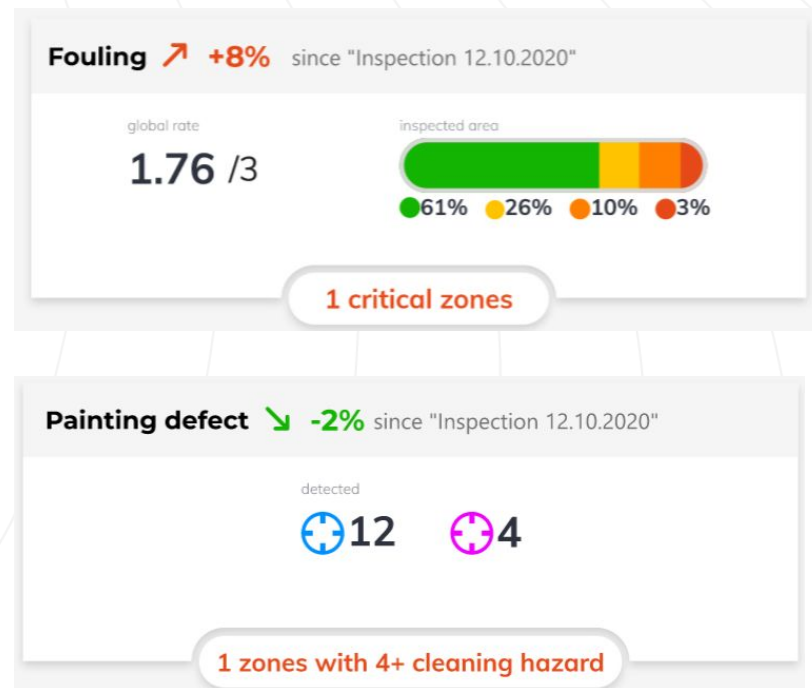
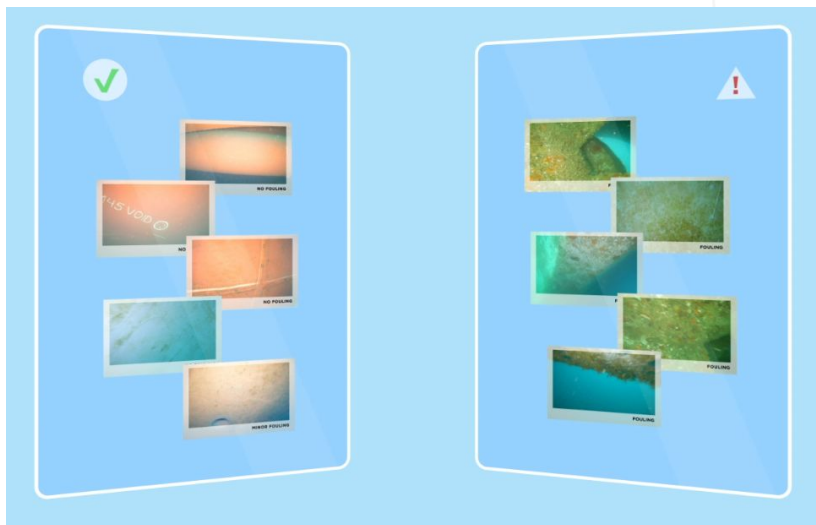


AI-driven classification



notilo cloud

Fouling / Coating classifier



The algorithm developed by Notilo Plus has an efficiency of >90% to characterize the types and amount of fouling, corrosion, painting defects, ...

With Notilo Cloud, clients can track their hulls' evolution over time.

Subsea observations - precisely located

notilo cloud

Camille Farineau
camille@bubble.camera

+ New

CURRENT PROJECT

CMA CGM Beta testing Algeiras

PROJECT

- Dashboard
- Logs
- Medias
- Missions
- Calendar

DATA

- Inbox
- Trash

ASSETS

- Vessel

DATASET

- Dataset


FLEET

- Manage drones

Seaspan Chiwan

Report Media Dive Equipment reservations

Sea Chest

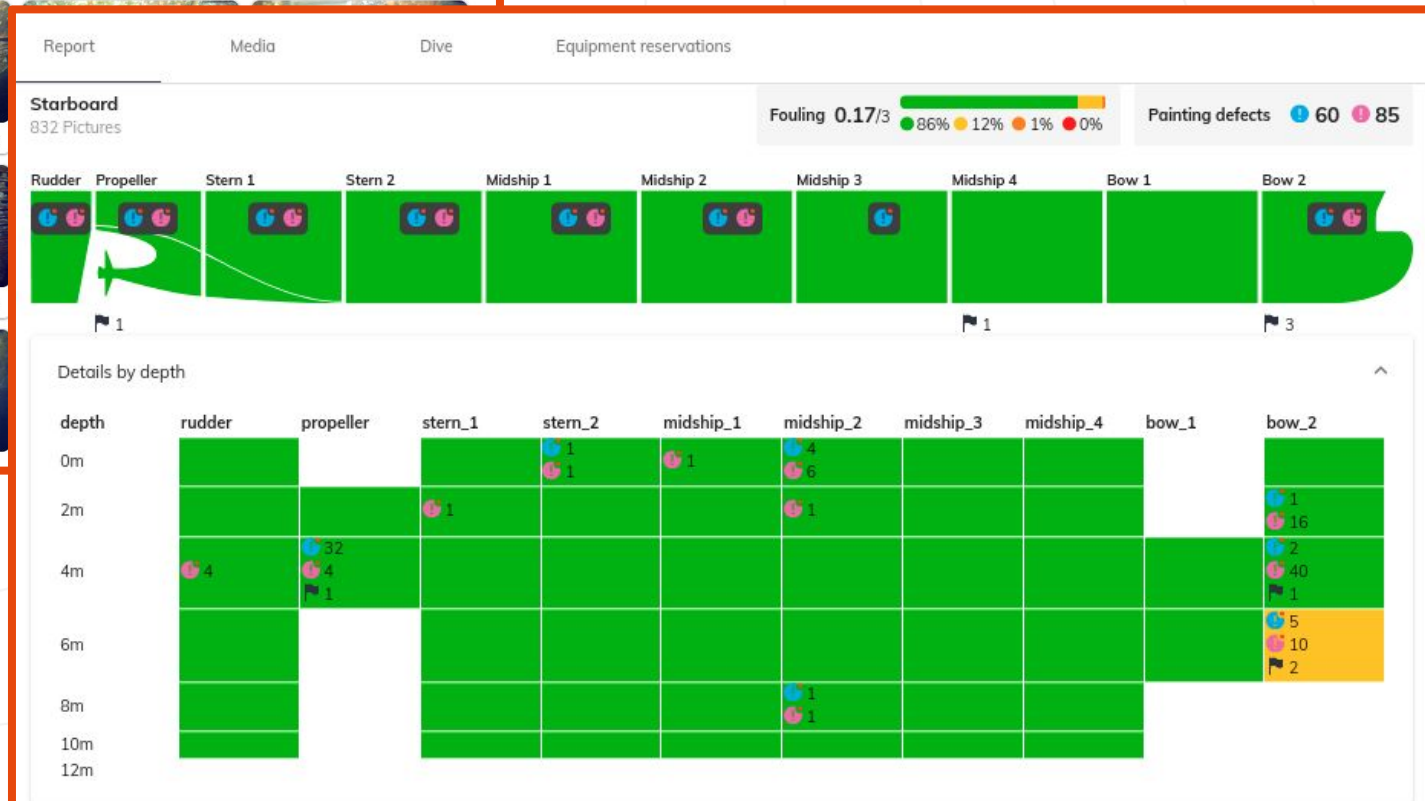


DIVE_2-Extr-9:15:8

DIVE_2-Extr-9:15:10

DIVE_2-Extr-9:15:16

DIVE_2-Extr-9:15:20



SEASAM

by  notilo plus

Australian and New Zealand Distributors



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