



**UNDERWATER  
ROBOTIC SOLUTIONS  
IN OFFSHORE ENVIRONMENTS**

[deep-sky-drone.com](http://deep-sky-drone.com)

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## OUR ACTIVITY

Deep Sky Drone accompanies you in the implementation of innovative and efficient underwater robotic solutions. The company is positioned as an expert in its field and knows perfectly all the actors and solutions of the market.



Consulting

Our goal is to provide our clients with an external and specialized perspective. Our experts bring you the benefit of their diversified experience and technical skills. This consulting service will allow you to progressively evolve towards new methodologies by optimizing your development strategy.



Inspection

Mini-ROVs are now advanced enough to perform underwater work in the industrial sector. They are designed to withstand harsh underwater conditions and perform complex missions. They offer users stability, power, speed and control in a compact, lightweight package.

They trust us:



شركة

نفط الشمال  
North Oil  
Company

(Consulting ROV solutions)





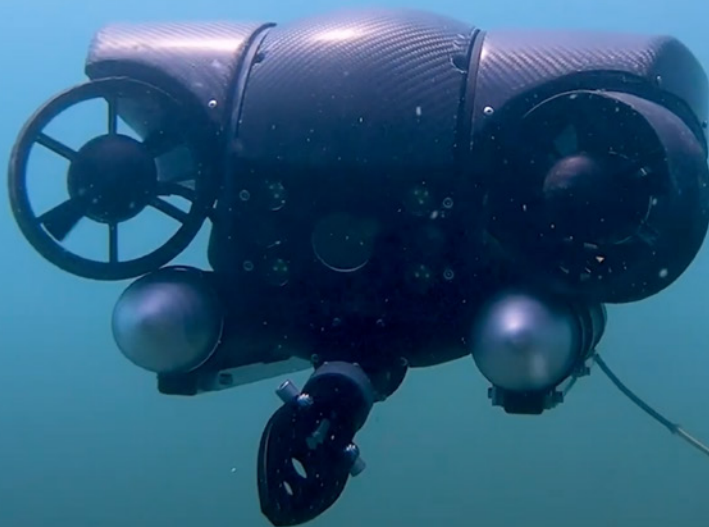


## OFFSHORE SUBSEA SOLUTIONS

The mini-ROV solution simplifies interventions and saves considerable time, reducing costs and risks. In all difficult environments or on large surfaces, these machines can collect a multitude of information using dedicated sensors in order to collect precise data according to the needs of a mission.

### OUR ADVANTAGES

- + Cost reduction
- + Reduction intervention time
- + Reduction of human risks
- + Reduction of environmental risks

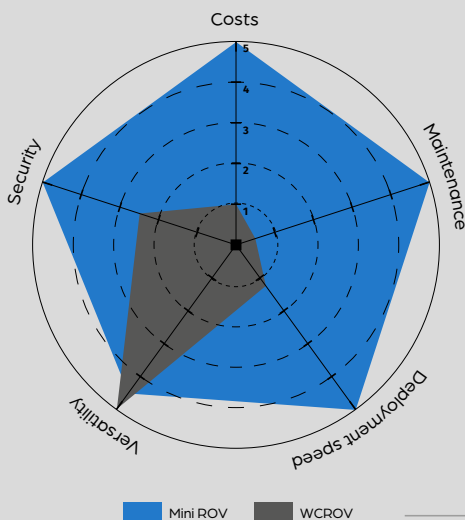




## SUBMARINE INSPECTIONS

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EXEMPLES D'UTILISATIONS OFFSHORE	Mini-ROV	WCROV
Sea chest inspection	✓	✓
UWILD	✓	✓
Mooring inspection	✓	✓
Offshore inspection	✓	✓
Rig integrity	✓	✓
Ballast tank inspection	✓	✓
Thickness measurement	✓	✓
Seabed inspection	✓	✓
Pipeline/cable inspection	✓	✓
Decommissioning	✓	✓
Jack-up rig inspection	✓	✓
Drilling operation monitoring	✓	✓
Oil leak inspection	✓	✓
Grabbing, sampling & cutting	✓	✓
Lifting up to 80 kg	✓	✓
Drilling survey	⊖	✓
Mission beyond 300 m	⊖	✓

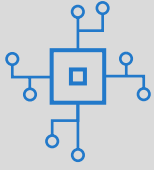


Mini ROV Score  
**96 pts /100**

WCROV Score  
**42 pts /100**

(Comparative for missions without drilling not exceeding 300 meters in depth)





## TECHNOLOGIES USED

### DT REVOLUTION



305 M  
Maximum Depth

Unlimited Dive Time

Video Camera  
4K UHD

### A WCROV IN POCKET FORMAT

The ability to perform unlimited dives coupled with on-board instrumentation makes these machines very versatile, allowing them to perform the vast majority of work tasks while reducing material and human costs with a reactivity of deployment previously impossible with WCROVs.

Caméra Tilt

Integration of multiple Sensors and Probes

Great Maneuverability and Stability

5-Function Robotic Arm

USBL & DVL Positionnement

Performance against current	✓	Positioning USBL et DVL	✓
Easy to deploy & operate	✓	Sonar	✓
Easy to maintain & repair	✓	Versatility	✓
Robustness	✓	Security & Environment	✓

## OUR VALUES



### Health & Safety

We manage health and safety in accordance with applicable standards. We must maintain good health and safety standards wherever we operate and work to minimize the risks and effects of accidents.



### Quality

The main objective of our quality policy is the satisfaction of our customers. Their satisfaction can be achieved mainly by improving delivery times, quality and costs. We guarantee our interventions in compliance with ISO standards.



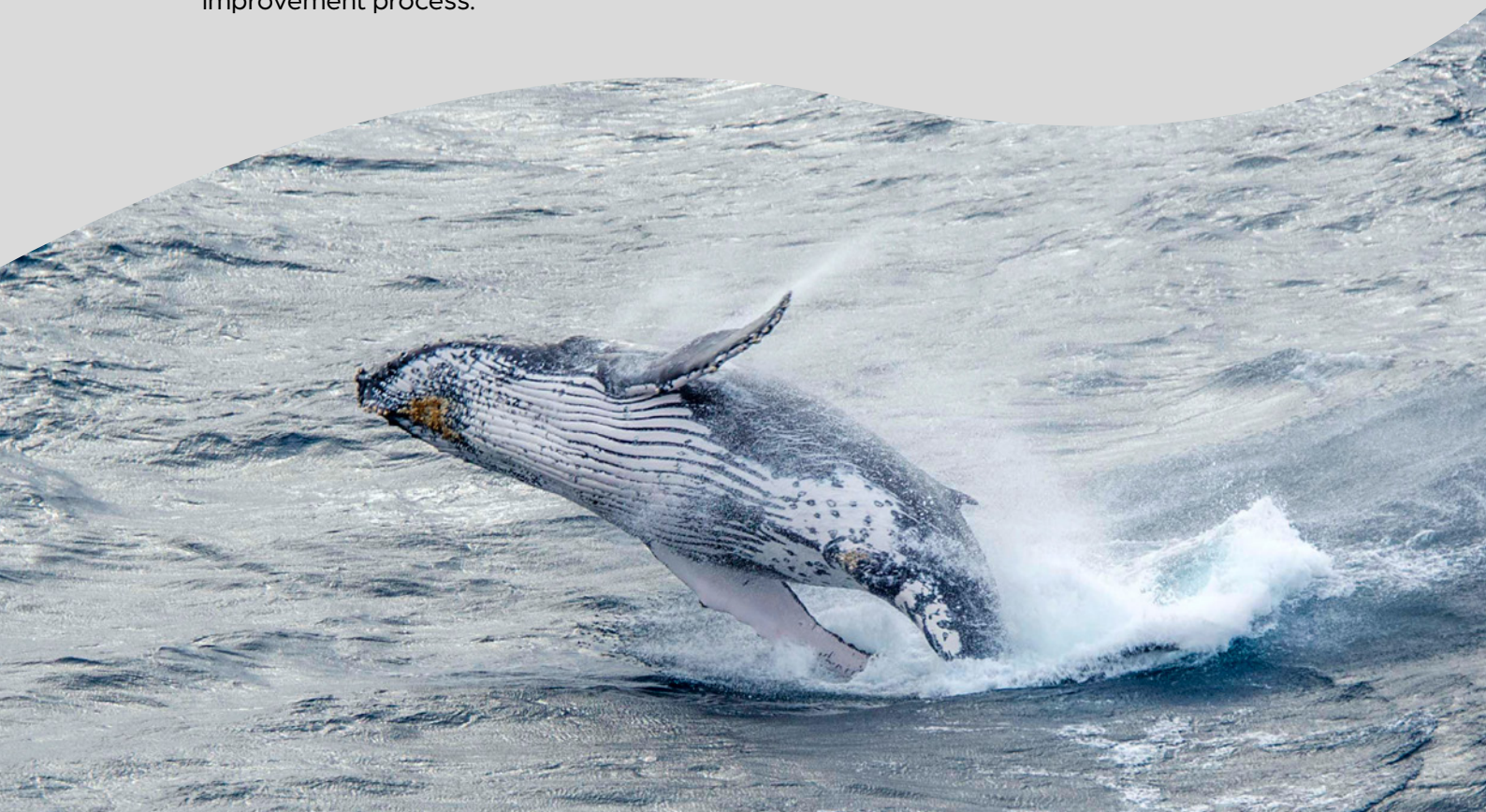
### Environment

#### Environmental Management

All production and development units implement and maintain a certified environmental management system in accordance with ISO 14001. We train and inform our employees about environmental, health and safety issues and involve them in a continuous improvement process.

#### Energy

Our solutions allow to reduce the energy impact on the interventions with a reduced and efficient energy consumption and logistics in order to safeguard the environment.







## PARTNERS



### > HYDROCONSULT

HYDROCONSULT is a worldwide recognized actor in Hydrographic & Geophysical activities and Consulting with 15 years' experience.

[www.hydroconsult.fr/en/](http://www.hydroconsult.fr/en/) ◀

### > IRWAZ EXPLORER

Irwaz Explorer is a young company from finistère specialized in underwater inspection by ROV.

[irwaz-explorer.com](http://irwaz-explorer.com) ◀

### > DEEP TREKKER

With over a decade of proven performance, Deep Trekker is one of the largest underwater robotics manufacturers in the world. Delivering cutting-edge vehicles for critical applications in government, defense, utilities, law enforcement, ocean science, and more, our robotics are built to help virtually any operator inspect and protect the world's assets.

[deeptrekker.com](http://deeptrekker.com) ◀

# FOUNDER PRESENTATION

## **MATTHIEU PATE**

Associate Director – Drone & ROV Supervisor

Absorbed by the passion of the maritime world and the sea from an early age, it is naturally that my experiences and know-how were oriented in this universe. Trained as an engineer, I took courses or training related to the maritime sectors at different periods of my life. After a career of 15 years offshore in the installation of submarine cables, I turned with my partners to new technologies and their industrial applications. Rich in oceanographic experience and subsea activities, I decided to found Deep Sky Drone in 2019. Coming from the CNAM Marine Sciences and the ENSM as an electronics officer, we are now direct interlocutors and advisers for worksites and services. We purpose solutions for survey inspections or technical studies using aerial and underwater drones.







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