



**OPENOCEAN**  
ROBOTICS

We provide complete mission services, operating our USVs, collecting the ocean data that you need, and delivering it when you need it. Our team will help you plan the mission and execute it from start to finish.



Our versatile uncrewed surface vehicles (USVs) autonomously conduct a range of services and sustainable solutions for offshore energy industries including

**MARINE MAMMAL MONITORING**  
**HYDROGRAPHIC SURVEYING**  
**METOCEAN DATA COLLECTION**  
**ASSET SECURITY**

## LET US COLLECT YOUR DATA



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## SUSTAINABLE LIFECYCLE MONITORING SOLUTIONS FOR OFFSHORE WIND



# SUSTAINABLE, AFFORDABLE & SAFE

With patented self-righting technology and renewable solar power, our Data Xplorer™ vessels can operate continuously for up to three months at a time, eliminating the need for and risk of expensive crewed research vessels.

[OPENOCEANROBOTICS.COM](https://openoceanrobotics.com)

# THE OOR ADVANTAGE



Data Xplorer™'s precise speed control, quiet profile, and ability to maintain a track at low speeds make it ideal for quality data collection and compatibility with a broader range of sensors. It is capable of shallow water to deep ocean deployment, and is unique in its ability to voyage extremely shallow waters while being able to self-right.

# REAL-TIME OCEAN DATA SOLUTIONS

Our USVs are easy to deploy, reposition, and offer persistent monitoring. Modular sensor platforms allow a range of sensor integrations, enabling a fleet of USVs to fulfill the broad range of monitoring needs required during the offshore wind farm lifecycle. Redundant communication systems ensure continuous realtime data from any location, providing critical information and actionable insights.

# OFFERING SERVICES IN:



## MARINE MAMMAL MONITORING

Our extremely quiet USV can detect, identify, and locate marine mammals using cameras and passive acoustics.



## HYDROGRAPHIC SURVEYING

Our USV is designed to carry a multibeam sonar and has the processing and precise positioning needed for high quality hydrographic mapping.



## ENVIRONMENTAL MONITORING

With atmospheric and oceanographic sensors, we can monitor everything from wind speeds to weather currents to oil spills. Our USV can patrol in shallow waters or offshore and endure the extreme sea states encountered in stormy or high wind environments.



## ASSET SECURITY

With thermal and 360-degree optical cameras, and an AIS detector, our USV provides continuous 24/7 monitoring. Constant real-time alerts along with multiple operational modes including loiter, patrol, or track offers a reliable and adaptable way to monitor offshore assets.