

# ABOUT US

Founded by scientists with a real passion for the oceans, our team gathers talented and highly-skilled PhDs and Engineers. Convinced that several of our today challenges can be tackled by science and dedication, we have drawn a strong and ambitious R&D roadmap to invent the most advanced solutions. All the team is dedicated to produce solid and trusted solutions for sustainable and safe operations at sea.

Real Challenges. True Solutions.



## OCEANiCS

Cutting-edge Navigation & Control System



The most advanced solution for Wind Propelled Vessels



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# MODULES & FEATURES



## ECDIS .Type Approved System.

Developped closely with mariners and captains.  
Modern user-centric HMI, Full overlays (ais, radar)



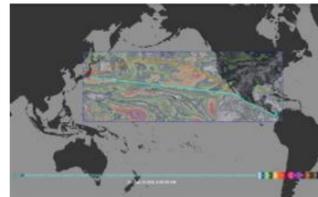
## DYNAMIC POSITIONING .Type Approved System.

State-of-the-art System.  
All control modes, full features  
(black-out prevention, fast learn, etc.)  
Fits all propulsion systems.



## AUTOPILOT .Type Approved System.

Exceptional Performances at All Speeds. Improve your comfort, efficiency and fuel consumption.  
Easy Heading & Track Control.



## WEATHER ROUTING

Plan your vessel route with the most advanced and powerful algorithms from offshore racing.  
Enhance your wind propulsion benefits.



## PERFS MONITORING

Continuously monitor and maximize your asset performances

Data Science

System Engineering

Hydrodynamics

Control Engineering



« Real challenges.  
True solutions. »



# ADVANTAGES & BENEFITS

High accuracy and high reactivity. Improve significantly your productivity.



Perfect solution for Wind Assisted Vessels. Available for All Systems (rotor, sails, wings, kite,...)

Fuel Consumption reduction thanks to advanced nonlinear optimization algorithms (up to 30% in DP modes\*)



High Quality Marine Grade Hardware

Ice Mode Navigations



Cutting-edge multi-objective Weather Routing Algorithms (up to 10%\*)

## Typical Applications

Offshore Vessels, Cable Layers, Wind-Assisted cargo ships, Sailing Ships, CTVs, Buoytenders, etc.\*



Developped since the creation of the company with the vision and ambition to answer strong operational and environmental challenges, OCEANiCS is a modern, full features and modular navigation system.

Powered by artificial intelligence, nonlinear control, nonlinear estimation, nonlinear optimization, the core of OCEANiCS provides unmatched performances helping operators and shipowners to reach another step of safety and efficiency.

Based on modern and state-of-the-art software development and methodologies, OCEANiCS is fully tailorable to your needs.

\*Full references and more available upon request