



DEFENSE
MARITIME DOMAIN AWARENESS
ENVIRONMENTAL ASSESSMENT
OIL & GAS

Reimagine Ocean Monitoring and Operations. Unmanned Robots Powered by Nature.

The Wave Glider revolutionizes how we explore and understand the world's oceans by gathering data in ways or locations previously too costly or challenging to operate. Powered by wave and solar energy, the Wave Glider is an autonomous, unmanned surface vehicle (USV) that operates individually or in fleets delivering real-time data for up to a year with no fuel.

Key Platform Benefits



24x7 Long-Duration Operations
Station keeping or mobile data collection for up to 12 months with no fuel, emission, or crew



Open & Extensible Platform
Add new sensors and software capabilities. Integrate and operate with other systems



Proven At Sea
Over 1 million nautical miles traveled to date with operations through doldrums and hurricanes/typhoons



Precise and Intelligent Navigation
Navigate or re-task based on mission goals or constraints