

Saildrone Fleet Surpasses 1,000,000 Nautical Miles and 32,000 Days at Sea



[Release from Saildrone](#)

The milestone underscores the reliability of the vehicle, and confirms Saildrone's position as the only proven long-range, long-endurance uncrewed platform.

(October 17, 2023 – ALAMEDA, California) – Saildrone is excited to announce another major milestone: Its fleet of uncrewed surface vehicles (USVs) has surpassed an incredible cumulative distance of 1,000,000 nautical miles during more than 32,000 days at sea, deployed on missions around the globe.

Equivalent to circumnavigating the Earth 48 times and almost

89 years at sea for a single vehicle, this achievement demonstrates the scale of Saildrone's operations and the tireless efforts of its team to push the boundaries and capabilities of uncrewed systems.

The record was achieved exactly 10 years after the company's first major milestone, when the very first Saildrone USV sailed from San Francisco to Hawaii in October 2013. The 2,200-nautical mile journey took just 34 days.

Over the past decade, Saildrone has gone from strength to strength, pushing boundaries in the harshest environments on the planet, from the ice edge in the Arctic to the mountainous seas of the Southern Ocean, and even through a Category 4 hurricane. The Saildrone fleet now numbers 136 vehicles and consists of three different size variants.

"Evolving the Saildrone design, capabilities, and team has been an incredible journey," said Saildrone founder and CEO Richard Jenkins. "This million-nautical-mile milestone is a huge achievement in a relatively short time frame. It underscores the reliability we have achieved and confirms our unique position as the only proven long-range, long-dwell USV."

Powered primarily by renewable wind and solar energy, Saildrone USVs are equipped with state-of-the-science sensors that measure ocean environment parameters. From its origins in science and fisheries, Saildrone has expanded its capabilities to include ocean mapping, maritime security, and defense applications.

Saildrone's fleet is growing rapidly: the company is building one mid-size 10-meter (33-foot) Voyager per week and one large-size 20-meter (65-foot) Surveyor per month.

□Saildrone provides comprehensive data solutions for science, commercial, and defense applications, enabling real-time access to critical data from any ocean on Earth. Proprietary

software applications and machine learning technology transform that data into actionable insights and intelligence for maritime security, ocean mapping, and research. Saildrone's fleet of uncrewed surface vehicles (USVs), powered by renewable wind and solar power, are designed to scale ocean data collection with a minimum carbon footprint. Saildrone vehicles operate 24/7/365, without the need for a crewed support vessel, and have sailed more than 1,000,000 nautical miles from the Arctic to the Antarctic and spent over 32,000 days at sea in the harshest ocean conditions on the planet.