

seasats X3

Launch in minutes - perform for months



Case Study:

Predicting HABs with automated water sampling

In Q1 of 2021, a Seasats USV conducted seven water sampling missions off the coast of San Diego, CA. Scientists at the Scripps Institution's Bowman Lab conducted eDNA analyses on these samples to identify harmful algal blooms before they reached land. These automated missions replaced time-consuming operations that required hours on a manned ship for each sample.

Applications:

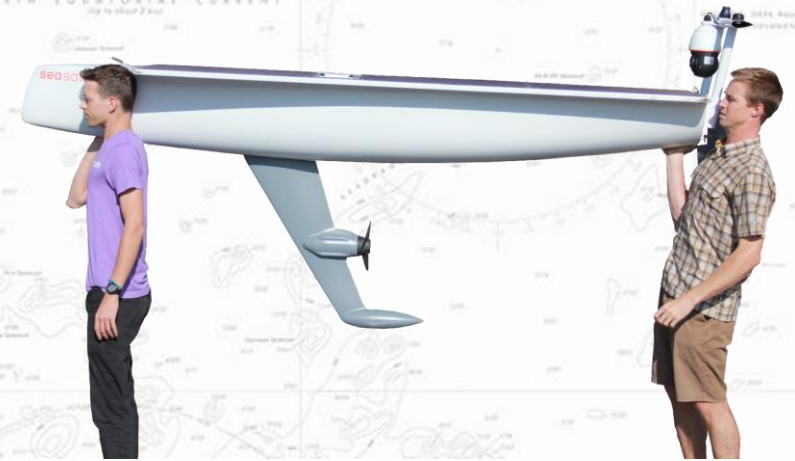
- Bathymetric surveys
- Water sampling
- Underwater vehicle & sensor comms
- Climate profiling

Features:

- 2-person portable
- 180-day endurance
- Swappable payloads
- 2-day training

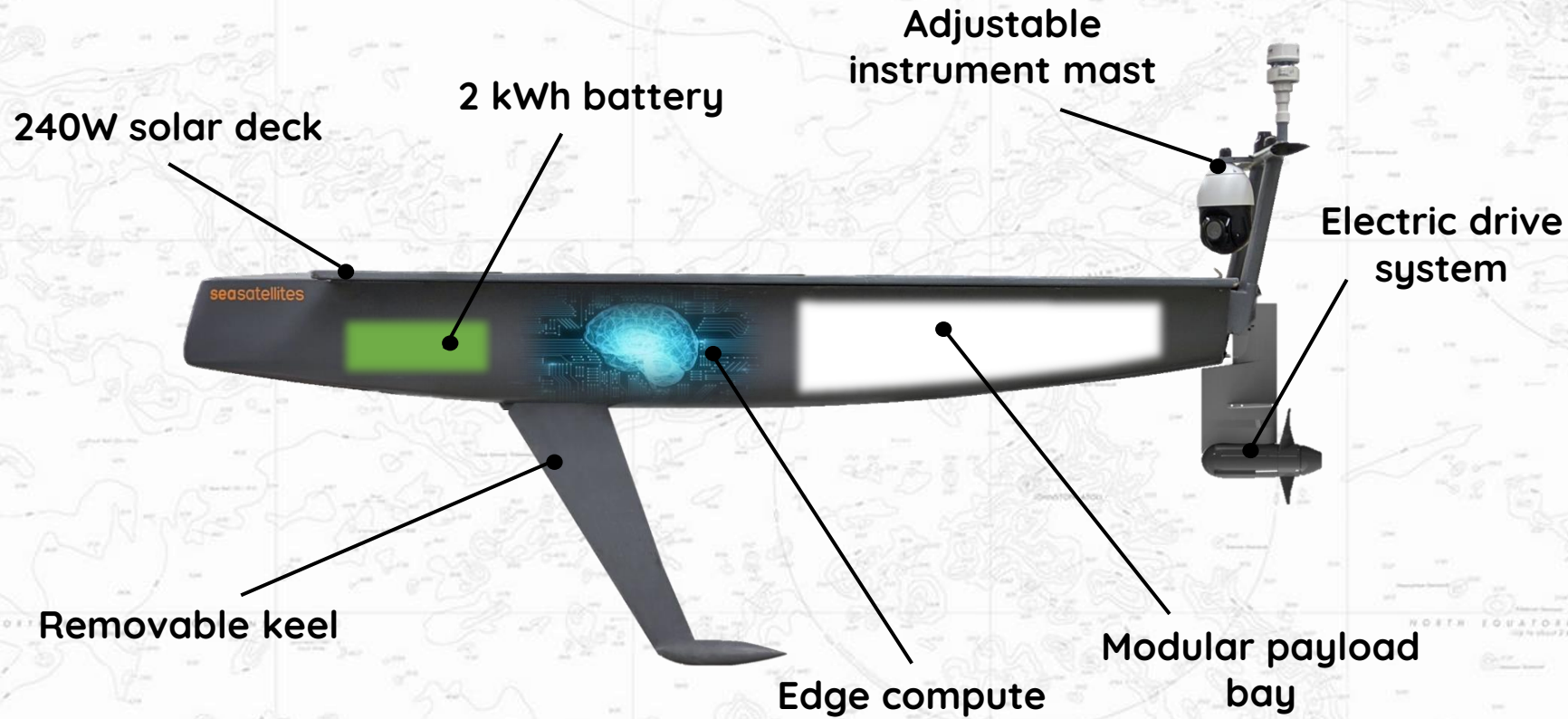
Benefits:

- No human risk
- 24/7 operations
- Reduced need for external contractors



seasats X3

Launch in minutes - perform for months



Specifications	
Length	3.0 m
Beam	0.75 m
Weight	58 kg
Top Speed	4 knots
Endurance	6 months
Payload	40 L/20 kg
Payload Power	12/24V

Supporters

