

AUTONOMOUS SURFACE VEHICLES

By Sea Satellites Inc.

Sea Satellites are autonomous boats designed to execute missions while carrying payloads. From the shallow water operability to best-in-class speed, lead time, and cost, solar powered Sea Satellites enable unprecedented accessibility to the benefits offered by autonomous surface vehicles.

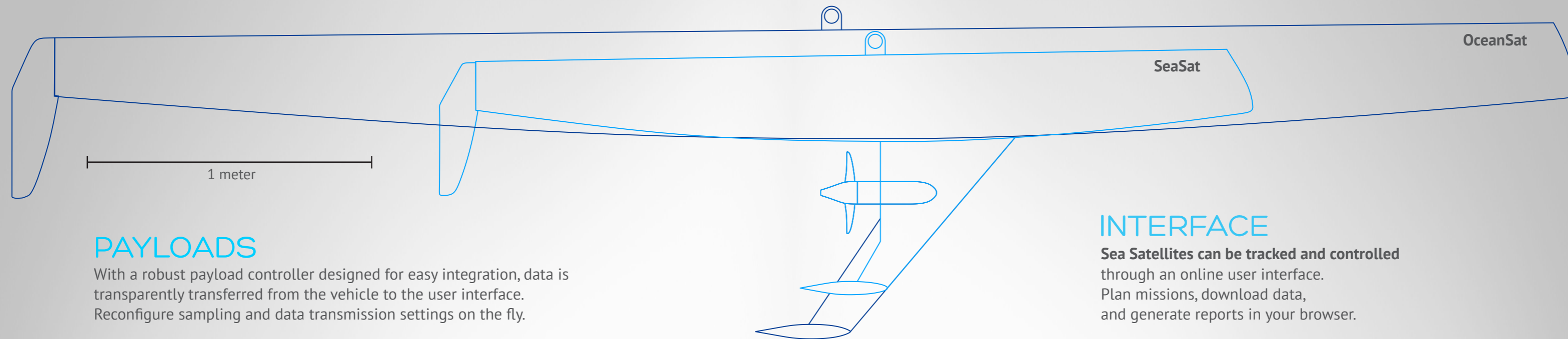
Two boat sizes to suit different needs:

SeaSat

A 3 meter vehicle capable of indefinite travel at 3 knots. Suitable for most missions involving multiple payloads.

OceanSat

A 5.5 meter vehicle capable of indefinite travel at 4 knots. Designed for larger payloads



PAYLOADS

With a robust payload controller designed for easy integration, data is transparently transferred from the vehicle to the user interface. Reconfigure sampling and data transmission settings on the fly.

INTERFACE

Sea Satellites can be tracked and controlled through an online user interface. Plan missions, download data, and generate reports in your browser.

Example payload configurations

Communications	Research	ISR
Acoustic modem	ADCP	IR PTZ camera
Multi-domain C2	Water quality	Hydrophones
RF repeater	Towed body	Multibeam sonar
Fish tracking interrogator	Wind speed & direction	Payload release

Competitive advantages

2 person launch from dock / ramp / ship
Operates in water 1m deep
Indefinite travel at 3-4 knots
Expandable battery enables long bursts of speed

KEY SPECIFICATIONS

	SeaSat	OceanSat
Average speed	3 knots	4 knots
Top speed	6 knots	8 knots
Payload capacity	15 kg	70 kg
Payload power	up to 200W	up to 500W
Battery capacity	2kWh Li-ion*	6kWh Li-ion*
Stored range	90nm at 3 knots*	250nm at 4 knots*
Persistence at sea	6 months	6 months
Vehicle weight	58 kg	115 kg
Dimensions	2.9m x 0.6m x 1m	5.5m x 0.7m x 1.2m

*configuration options are available. Solar and ocean conditions impact range and speed.

