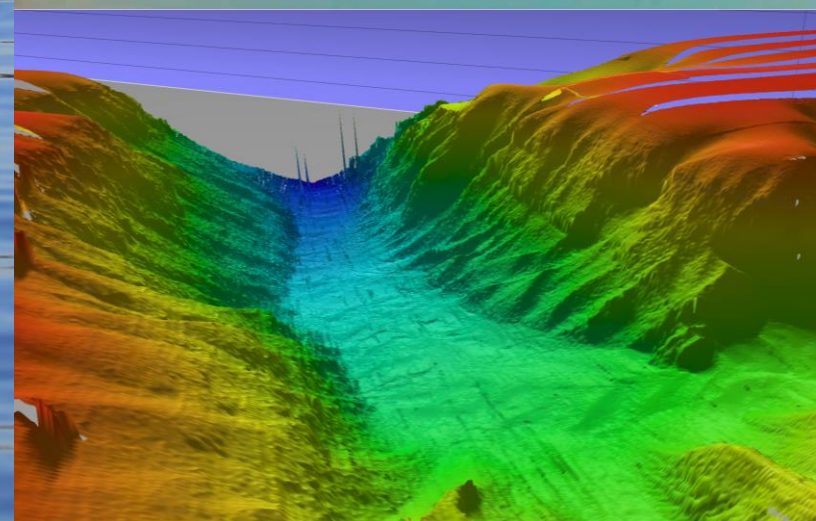


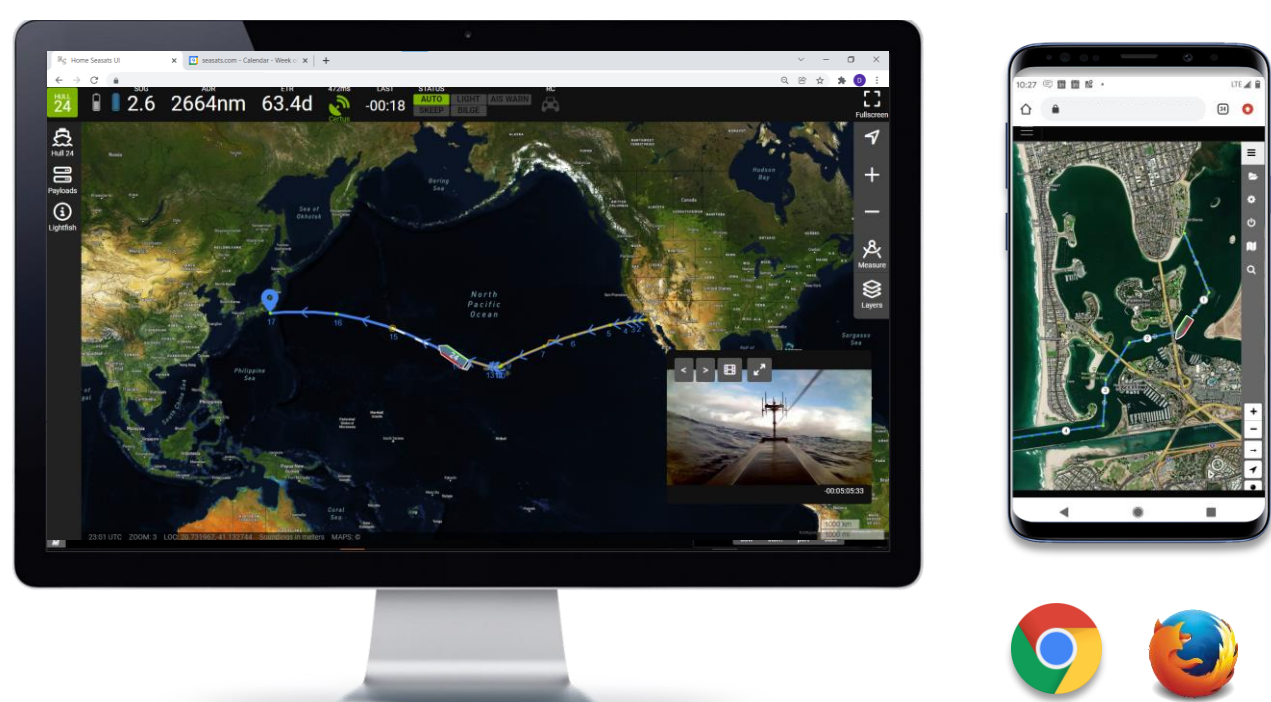
SEASATS // LIGHTFISH ASVs



The Lightfish is the first vehicle in Seasats' family of persistent maritime systems. Man-portable and modular, it is a low-logistics workhorse for streamlined maritime operations.

Lightfish can be launched and recovered in minutes, acting alone or in constellations to conduct bathymetric surveys, collect metocean data, secure harbors and sensitive areas, and more. Onboard solar panels and satellite communications enable multi-month deployments in full-ocean conditions while an electric drive system provides reliable, predictable propulsion.

INTUITIVE & FLEXIBLE USER INTERFACE



SELECTED CAPABILITIES

- Hydrographic surveys
 - Subsea inspection, search, localization, and object identification
 - Fisheries monitoring
 - Environmental monitoring (water and air)
 - Surface and underwater security
 - Gateway for subsea communications and positioning, navigation, and timing (PNT)
 - Electronic warfare (passive and active)
 - Subsea and seabed warfare (SSW)
- + more*



LIGHTFISH SPECIFICATIONS	
Weight	270-354 lb (122-160 kg), configuration dependent
Endurance	6 months
Range	6,000+ NM
Speed	2.0 kt (cruise) 4.5 kt (max)
Motor	Torqeedo T1103
Sea States	Operate to Sea State 6+
Communications	Cell, Iridium, Starlink*, MANET radio*, Link 16*
Common Operating Picture Compatibility	ATAK compatible; integrated with Minotaur, Lattice, PICARD, & more.
Controls	(1) Drag & drop waypoint following, (2) manual heading + throttle, (3) RC joystick control
Shipping & Handling	Transport using a pickup truck & 1-2 people. Ship ground/air/sea freight in crate.
User Interface	Seasats' UI is browser-based and laptop/tablet/phone compatible; simple go-here commands, payload configurability, and advanced mission planning options.
Cameras	5x above-water DWE exploreHD cameras; panning FLIR thermal*; underwater DWE exploreHD*
Batteries	2x 2.0 kWh; lithium-ion
Solar Panels	415 W nominal power output
Onboard Generator	100W output; 11 kWh or 28 kWh* capacity
Safety Features	AIS broadcast, receive, and automated avoid; LiDAR object detection and avoidance; navigation light; independent backup tracker

PAYLOAD SPECIFICATIONS	
Payload Ports	Up to four (4) simultaneously available
Max Payload Weight	60 lb (27 kg) in standard configuration
Internal Payload Bay	4,700 in³ (77 L) volume; 19.6 in (50 cm) length. Additional external mounting areas
Payload Power	Each port configurable for 5-28 V; 200W peak power
Payload Communications	Ethernet, RS232, RS485
Mod Payload Compliance	Drop-in upgrade*

*Optional add-ons. Seasats' base vehicle price includes five cameras for situational awareness, cell and Iridium communications, a generator and spare fuel jug, and other essential components. Starlink, additional cameras, spare parts, and other payload integrations can be added on to an order.

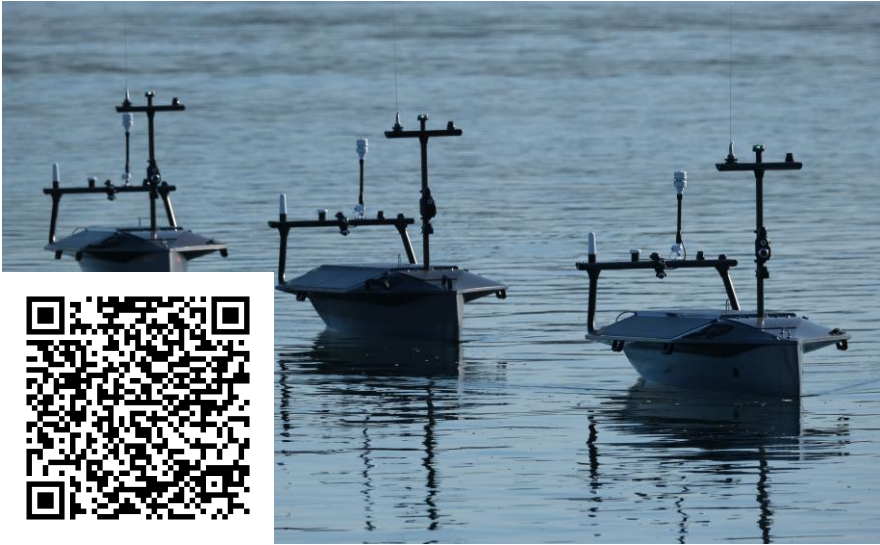
REFERENCE MISSIONS




Trans-Pacific 2,500+ mile voyage




Pacific Northwest water sampling




Middle East multi-boat operations

