



SPECIFICATION SHEET

Unmanned Maritime Dominance

TOMS-19



Attritable. Modular.
Mission-Ready.

OPERATOR OVERVIEW

TOMS-19 is a low-signature unmanned surface vessel engineered for contested littoral environments where persistence, deception, and rapid re-tasking are critical. Designed for swift deployment and scalable operations, it delivers a flexible, attritable capability for high-risk maritime missions.

Built for operators.
Not PowerPoint.

CAPABILITIES

- Persistent Intelligence, Surveillance, and Reconnaissance (ISR) in denied waters
- Communications relay / mesh network extender
- Decoy and signature replication platform
- Remote resupply to austere shorelines
- Distributed sensing across multiple assets
- Manned/unmanned teaming for live-fire exercises
- Autonomous buoy deployment and data relay

DESIGN ADVANTAGES

- Features a Petestep® hull design that is tailored for low observability and improved endurance by reducing vertical slamming, noise, and energy consumption in elevated seas.
- Payload-agnostic design enabling rapid mission kit swaps
- Cost-effective and scalable attritable platform

PLATFORM SNAPSHOT

Specification	Detail
Length	19 ft / 5.8 m
Beam	7 ft 3 in / 2.2 m
Payload Capacity	1,000 lbs / 454 kg
Displacement (Loaded)	5,240 lbs / 2,377 kg
Construction	Advanced composite

PERFORMANCE

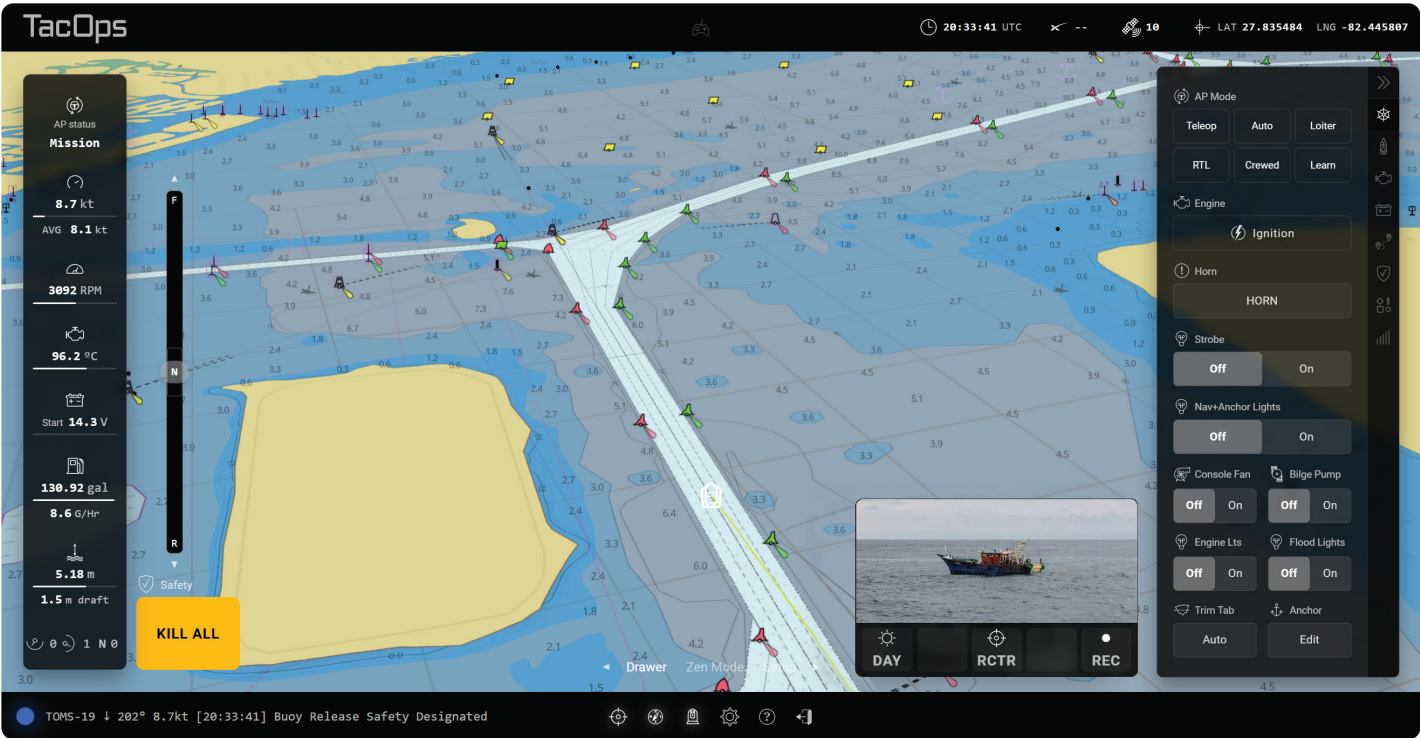
Parameter	Value
Cruise Speed	38 knots
Top Speed	45 knots
Range	700 nautical miles (mission dependent)
Endurance	Multi-day
Operational Sea State	Sea State 4+

MODULAR PAYLOAD OPTIONS

- EO/IR, Radar, RF, and Acoustic sensing packages
- Mesh, LTE, and SATCOM relay modules
- Counter-UAS detection systems
- Electronic Warfare (EW) and Signals collection
- Environmental / Oceanographic sensors

CONTROL SYSTEMS

- Remote, supervised, or fully autonomous vessel operation
 - Mesh-enabled command and control architecture
 - Integrated offline mapping for GPS-denied navigation
 - Real-time vessel telemetry, health monitoring, and system diagnostics
- Multi-sensor data integration for enhanced situational awareness
 - Incorporates SeaScan™ control algorithm that continuously monitors vessel motion, wave interaction, and load condition to dynamically adjust speed and heading in real time.
- This enables TOMS-19 to maintain mission effectiveness while reducing slamming loads, protecting onboard systems, and extending operational envelopes in degraded sea states.



DELIVERY MODEL

UxS-as-a-Service (UxSaaS). TacOps provides the platform, operators, and sustainment. Customers receive on-demand capability without ownership or maintenance burden.



+1 727 677 7745
info@tacopsmaritime.com
Tampa, Florida

www.tacopsmaritime.com



Attritable. Modular. Mission-Ready.