

Challenger

Unmanned
Surface
Vehicle



Smart. Fast. Empowered.

Challenger's intelligence systems will enable mariners to work smarter and delegate routing efforts to advanced self-piloting technology. The Challenger comes standard with multi-modal situational awareness including threat-based object recognition and includes tracking, anti-collision capabilities and data connectivity. The Challenger has Four (4) Manned or Unmanned capabilities with high endurance and is compliant with NATO Standardization Agreements (STANAG) 4586, Joint Architecture for Unmanned Systems (JAUS) protocol.



ISR Packages



Surface &
Expeditionary
Warfare



Patrolling and
Security

Key Features

Swiftships 14m high speed, multi-mission "Challenger" is a mono-hull, diesel-powered, all-welded aluminum craft with twin water jets.

- Improved propulsion system for enhanced speed, range, stability and endurance.
- Optimized hull structure for reduced drag, improved stability and proven hull strength.
- Integrated electronics/control system for improved performance and situational awareness.
- Built-in diagnostics and redundancy for exceptional reliability.
- Provides maritime fleet force protection by identifying and engaging remote targets



Specifications

The hull consist of four (4) watertight bulkheads forming five (5) watertight compartments, which allow the Challenger to operate optimally in shallow water while its' deep V allow operations in high seas.

Machinery

Engine

Two (2) Volvo Marine Engines Model D13-700, 700 BHP each at 2300 RPM

Generator

One (1) Northern Lights 9 KW Generator Set

DC/battery electrical
24 Volt DC System

Armament

One (1) .50 cal. Remote Weapon System
Two (2) .50 cal. or 7.62mm Dillon Weapon Systems

Electronics

One (1) Satellite Internet Service and Phone
One (1) VHF Radio
One (1) Integrated Radar, GPS and Fathometer System
One (1) Magnetic & Flux Gate Compass
One (1) Speed Log, Autopilot and Wind Speed

Accommodations

One (1) Galley Sink
Two (2) Electrical Cook-Top
One (1) 5.0 cu. ft. Refrigerator
One (1) Collapsible Table
Two (2) Fixed Settees

Speed: 40+ Knots with a range of 400 NM

LOA: 46 Feet (14 Meters)

Beam: 14.5 Feet (4.4 Meters)

Draft: 2 Feet (0.6 Meters)

Fuel Capacity: 800 Gallons (3,028.3 Liters)

Potable Water: 80 Gallons (302.8 Liters)

Payload: 7.7 Tons [Modular/multi-payload flexibility]

Endurance: 40+ Hours

