

USV

Unmanned Surface Vehicle (MARLIN)



Missions

- Anti Surface Warfare
- Anti Submarine Warfare
- Amphibious Operations
- Electronic Warfare
- Engage with SSM to Surface and Shore
- Engage asymmetric threats
- Cooperation with UAV for Targeting
- Interoperability

General Specifications

General Information

LOA	: 15 m
Beam	: 4 m
Draft	: 0.8 m
Payload Capacity	: > 4 tons
Displacement	: 21 tons

Performance

Speed	: +45/19 kts
Range	: 1.000 NM
Endurance	: 7 days
Sea State	: 5

Accommodation

Supervisor	: 1
Operator	: 1

Systems Configuration

Propulsion System

Propulsion

- 2 x Diesel Engine
- 2 x Water Jets or
- 2 x Azimuth-Driven

Navigation Systems

- Radar
- Magnetic Compass
- Gyro Compass
- GPS
- Echosounder
- EM Log

Combat Systems

Weapons:

- 20 x SSM (Monohull)
- 40 x SSM (Trimaran hull)
- 4 x Torpedoes
- Laser Gun / 12,7 mm Machine Gun
- R-ECM

Sensors:

- Radar & EO, R-ESM

Communication:

- Broadband Satellite Communication System
- Narrowband Satellite Communication System
- RF Communication, 4G / LTE Communication