

Seagull™ Multi-Mission USV System

A Naval Force Multiplier
Revolutionizing the Dynamics of Underwater Warfare with
Unmanned MCM and ASW Capabilities



Game Changing MCM and ASW Advantages

The Seagull Unmanned Surface Vessel (USV) systems' Mine Counter Measures (MCM) capability facilitates end-to-end mine hunting operations including detection, classification, localization, identification and neutralization of bottom, moored and drifting sea mines while taking the sailor out of the mine field.

The Anti Submarine Warfare (ASW) capability provides the navy with a significant tactical advantage by effectively deterring and threatening enemy submarines using an available asset with significantly lower risk.

Multi-Mission Capability

Featuring switchable, modular mission payload suites, Seagull can perform ASW and MCM, Electronic Warfare (EW), Maritime Security (MS), Hydrography and other missions using the same vessels, mission control system and data links.

Lower Risk, Costs and Manpower Requirements

Drawing on decades of Elbit Systems' unmanned systems experience and leadership, Seagull offers navies a true force multiplier delivering enhanced performance to naval operations, reducing risk to human life and dramatically cutting procurement and operating costs.



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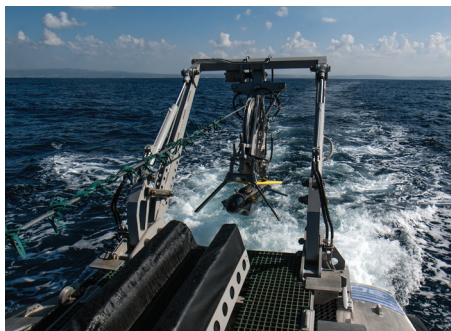
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Major Features

- Deployable with capability to operate from port or mother-ship
- High level of autonomy
- Line of sight and SATCOM data-links
- Modular payloads suite installation
- Unmanned/Manned modes of operation
- Two vessels controlled from same MCS (Mission Control System)
- Built – in C4I
- Optional growth to USV-UAV operation
- Available mission subsystems:
 - Navigation, Sailing & Safety Suite
 - EO/IR
 - Side Scan Sonar/Synthetic Aperture Sonar
 - Forward Looking Sonar/Multibeam Echo Sounder
 - Diver Detection Sonar
 - Remotely Operated Vehicle
 - Expendable Mine Disposal Vehicles
 - Dipping Sonar
 - Torpedo Launching System
 - EW (ESM/ECM)
 - Remote Control Weapon System (12.7 mm)
 - Non-Lethal Weapon System
 - Divers Neutralization System

Removable Floats and Bridge Dynamic Positioning

Material	Composite/Aluminum
LOA	12 M (Available in various configurations)
Propulsion	2x Propellers & 2x Thrusters
Engines	2 (Diesel)
Endurance	>4 Days
Beaufort Sea State	4/7 (Operational/survivable)



Towed Mine Detection Sonar



Long Range Dipping Sonar



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