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Elbit Systems Introduces Seagull: A New Multi-Mission Unmanned Surface Vehicle System for Maritime Warfare Missions

**Revolutionizing the Dynamics of Underwater Warfare with
Unmanned MCM and ASW Capabilities**

Drawing on world class know-how derived from generations of Unmanned Aircraft Systems (UAS) design, development and operation and its naval capabilities, Elbit Systems' newest offering in the unmanned platform field is Seagull - an organic, modular, highly autonomous, multi-mission Unmanned Surface Vehicle (USV) system.

Seagull is a 12-meter USV with replaceable mission modules, with two vessels capable of being operated and controlled in concert using a single Mission Control System (MCS), from manned ships or from the shore.

The system provides unmanned end-to-end mine hunting operation taking the man out of the mine field. It provides mission planning, and on-line operation in known and unknown areas, including area survey, search, detection, classification, identification, neutralization and verification. It is equipped to search the entire water volume and operate underwater vehicles to identify and neutralize mines.

Seagull changes the dynamics of anti-submarine operations by creating a threat to submarines using a cost-effective and available asset, replacing and augmenting manned assets with minimal threat from submarines. It empowers a surface vessel or naval base commander with off-board, available and rapidly deployable Anti-Submarine Warfare (ASW) capabilities to protect critical sea areas and high-value assets from submarine as well as sea mine threats.

Incorporating Elbit Systems' extensive experience in UAS, Seagull features a robust, highly-autonomous and safe sailing capability as well as modular mission payload suites, selected to match a variety of required missions including EW, surface force protection, hydrographical missions in addition to



the core MCM and ASW missions. The sailing suite includes a patented Autonomous Navigation System (ANS), with obstacle avoidance, which considers the international regulations for preventing collisions at sea. Network ready and long enduring, Seagull features inherent C4I capabilities for enhanced situation awareness and can remain at sea for over 96 hours. The Seagull multi-mission USV system offers navies a true force-multiplier in reducing risk, cost and manpower requirements in performing missions which have only been performed to date by costly manned assets.

About Elbit Systems

Elbit Systems Ltd. is an international high technology company engaged in a wide range of defense, homeland security and commercial programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems, advanced electro-optics, electro-optic space systems, EW suites, signal intelligence systems, data links and communications systems, radios and cyber-based systems. The Company also focuses on the upgrading of existing platforms, developing new technologies for defense, homeland security and commercial applications and providing a range of support services, including training and simulation systems.

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