



**BLUEWHALE<sup>TM</sup>**  
Autonomous Submarine System  
ELI-3325



# BLUEWHALE™

## Autonomous Submarine System

### ELI-3325

BLUEWHALE™ (ELI-3325) is an autonomous submarine system designed for high-endurance and stealthy intelligence gathering, anti-submarine warfare (ASW), mine countermeasures (MCM), and other critical missions operating in hard-to-access littoral waters, choke points and open seas. BlueWhale can detect and track targets, both above and below surface, and perform onboard sensor data processing. Actionable intelligence is relayed in real-time to the command and control over a dedicated broadband-secured satellite channel.

#### MISSIONS

BLUEWHALE™ can perform a multitude of missions:

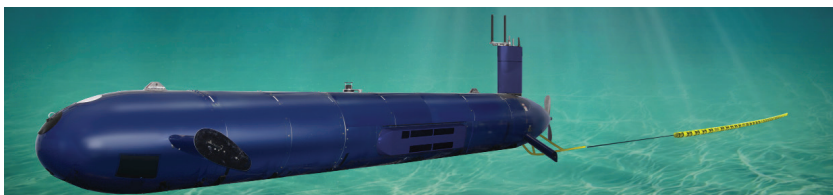
- Bi-static submarine detection with Towed Array Sonar (TAS)
- Acoustic passive intelligence gathering with flank and towed arrays sonars
- Covert mine detection and other Mine Counter Measures (MCM)
- Covert surface & subsurface Littoral ISR (Intelligence, Surveillance and Reconnaissance)
- Submarine forward scout
- Special Force support – Forward Scout & Mule

#### KEY FEATURES

- Deploys proven state-of-the art surface and sub-surface sensors
- Intelligent on-board controller for managing sensors, communications, missions, power resources and more
- Submarine like deployable and innovative mast which incorporates a patented container protecting the sensors and equipment when submerged
- Endurance: Electrical power from its high efficiency battery bank can sustain continuous operation 2-4 weeks depending on mission profile
- Easily transportable by land, air and sea in a 40-foot shipping container

#### TECHNICAL SPECIFICATIONS

Description	Parameter
Length / Diameter	10.9 / 1.12 meters
Weight	5.5 tons
Endurance	10 - 30 Days (Dependent on mission and battery configuration)
Speed	Operational: 2-3 knots / max. 7 knots (Submerged)
Payload Sensors and Communications Options	RADAR, EO/IR, SIGINT, sonars, magnetic sensors and SATCOM



ELTA's BLUEWHALE™ with ATLAS ASW-2500

