

LEVENT

UNMANNED SURFACE VEHICLE

LEVENT is a high speed, multi-purpose Unmanned Surface Vehicle (USV) developed for performing various maritime applications remotely. The state-of-the-art system is modular and can be easily equipped with different payloads. LEVENT can be used in various missions such as mine counter-measures, reconnaissance surveillance target acquisition (RSTA), maritime security, patrol, target towing and logistics.

MINE COUNTER MEASURES (MCM)
SONAR, ROV

**INTELLIGENCE, SURVEILLANCE,
RECONNAISSANCE (ISR)**
EO/IR CAMERA

TARGET TOWING
30 NM SPEED





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The system is based on the widely used Rigid-Hull Inflatable Boat (RHIB)

platform, which provides high mobility, speed and endurance on demanding conditions. This also permits ASELSAN to retrofit regular RHIB boats. The boat can be safely operated in both manned and unmanned modes with speeds over 30 knots.

LEVENT is configured per mission from a variety of payloads available. The day/night advanced situational awareness is provided via the High Accuracy Stabilized Platform, Radar and Sonar sensors. LEVENT can also be

equipped with a remote weapon station to provide protection during critical operations.

The system is easily controlled through the network enabled Command & Control Station which also permits integration of the system to the ship's network and external C2I systems. Command and Control station provides real time video and onboard sensor feedback from the boat providing commands for the operation of the USV.

General Features

- Highly Maneuverable RHIB Boat Platform
- Manned/Unmanned Modes
- Tele-Operated Control/Autonomous Navigation
- Day/Night Operation Capability
- Mission Specific Payload Options
- Navigation RADAR and AIS
- Easily Configurable Modular Architecture

Application Areas

- Mine Counter-Measures
- Intelligence, Surveillance and Reconnaissance
- Port and Maritime Safety
- Asymmetric Warfare
- Coastal Patrol
- Search and Rescue
- Target Tow Ship
- Logistic Support

Platform Specifications

- 7.30m RHIB Platform
- Inboard Diesel Engine and Water Jet
- Weight : < 3000 kg
- Speed : > 30 knots
- Range : > 200 nautical miles

Payload Options

- High Precision Stabilized Platform
 - Day TV
 - Thermal Sight
 - Laser Range Finder
- Announcement & Warning System
- Sonar, Echo Sounder
- 7.62mm SARP Stabilized Weapon System
- Automatic Target Detection & Tracking Kit
- ROV

Communication System

- Digital, Wireless, Network Enabled
- High Speed Data/Video Communications
- Emergency Communication System

Command and Control Station

- Scalable (Fixed/Portable/Deck Mounted)
- Platform & Payload Control
- Live Video Monitoring and Recording
- Tactical Map Display
- Mission Planning

