

HIZIR-LFAS

ASELSAN LOW FREQUENCY TOWED
ACTIVE SONAR





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ASELSAN Low Frequency Towed Active Sonar

ASELSAN Long Range Low Frequency Towed Active Sonar (LFAS) enables surface ships to detect subsurface threats, particularly submarines.

System Capabilities

- Indigenous Active Sonar Algorithms
- Low Frequency Active Target Detection and Localization
- Long Range Detection
- Bi-static/Multi-Static Sonar Architecture
- Interoperability with HIZIR System (Aselsan Torpedo Countermeasure System) for maximum ASW capability

System Configuration

- Transducer Array with Low Frequency Active Transmission Capability
- Winch System to Deploy, Recover and Stow Transducer Array and Detection Array
- High Power Amplifiers
- Electronic Cabinet
- User Control Panel

Technical Capabilities

- Operating Speed : 5 knots – 15 knots
- Survival Speed : 30 kts
- Pulse Types : CW, FM, FM/CW
- Source Level : > 200dB re 1μPa
- Detection range : > 50kyds

