AN/BLQ-10(V)
Submarine Electronic Warfare System

Real-time situational awareness for the electromagnetically dense littorals.

No system provides assured access like a U.S. Navy Submarine. The AN/BLQ-10(V) electronic support system is helping to meet the challenges of today’s and tomorrow’s Navy with a proven, low risk and affordable, electronic warfare system, providing critical analysis in an uncertain and dynamic environment.

AN/BLQ-10(V) Features

**Automatic Detection, Acquisition, Identification, and Localization**
Submarines require organic, tactical ESM and reconnaissance capability to ensure operational effectiveness. The AN/BLQ-10(V) rapidly receives, analyzes, and reports critical signals of immediate importance to the submarine commanding officer. Key to the AN/BLQ-10(V) tactical utility is a robust interface with the non-propulsion electronic systems tactical network.

**Full Spectrum Radar Processing**
The AN/BLQ-10(V) system processes hostile, neutral, and friendly emissions.

**Automatic Threat Warning and Situation Assessment**
As a mission enabler, the system offers submarine commanders a full range of tools to aid rapid reaction to dynamic situations.

**Extensive COTS and NDI Hardware and Software**
Lockheed Martin has successfully defined and integrated extensive COTS and NDI hardware and software, adapted to meet the Navy’s affordability goals, while satisfying the fleet’s operational requirements.

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<th>BE THE FIRST TO KNOW IN THE LITTORAL BATTLESPACE WITH THE LOCKHEED MARTIN ADVANCED SUBMARINE TACTICAL ELECTRONIC WARFARE SUPPORT MEASURES COMBAT SYSTEM</th>
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**System Engineering and Integration — Second to None**
The Lockheed Martin approach is top down, balancing requirements with development and life cycle costs. We have successfully defined and integrated AN/BLQ-10(V) during concurrent development of other submarine subsystems including Imaging Masts, Integrated ESM Mast, Multifunction Modular Mast, Exterior Communications, Sonar, and other ship systems.

**Flexible Open Architecture for Future Growth**
A secure, modular, open architecture design ensures that the AN/BLQ-10(V) Electronic Warfare System remains viable in an increasingly crowded maritime electromagnetic environment.

AN/BLQ-10(V) Operator Displays and Reports

**Mission Tasking**
- Threat Warning/Mission Tasking Display
- 2nd Tier Tasking Display

**Quick Search Primary Threat Warning**
- Signal Alerts and Summary Display
- Early Warning Panel

**Quick Search Secondary Threat Warning**
- Geographic Display
- Identification Confidence Display

**Precision and Communications**

**Direction Finding**
- Signal Alerts and Summary Displays
- Geographic Display
- DF Plots Display

**Reports Display**
- Signal Alerts and Summary Display

**Analysis/Situational Assessment**
- Signal Exploitation
- Receiver Control
- Contact Manager
- Geographic Situation
- Non-Interest Signals

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