Submarine Torpedo Countermeasure Systems

Effective Protection Against Modern Torpedoes
Detection, Classification and Localization
Torpedo Jamming and Decoy

www.kocsavunma.com.tr
Koç Information and Defence Technologies Inc. (KBS) is developing submarine effective torpedo countermeasure systems against the modern torpedo threats.

KBS is proud of having the responsibilities for Torpedo Countermeasure Systems while conducting all necessary development and integration activities within new submarine production and/or modernisation projects.

KBS is developing all critical elements/units of Torpedo Countermeasure Systems such as Detection, Classification, and Localization (DCL) software, Tactics and Reaction (T&R) software, Torpedo Engagement Modelling and Simulation (TEMS) software, Tactical Development Station, Launcher Interface Test Equipment and all Human Machine Interface (HMI) software.

**CORE COMPETENCIES**

- Development of DCL and T&R Software which can easily be integrated with Submarine Command and Control Systems
- Integration with all possible launcher systems
- Development of HMI Software which can be compatible with all possible Submarine Command and Control Systems
- Development of TEMS in order to determine the most effective countermeasure tactics against the threat torpedo including the jammers/decoys launching configuration
- Development of software tools which provides the capability to upload the countermeasure tactics and parameters into the system
- Development of countermeasure interface simulators which can be used during test and training activities

**SYSTEM SPECIFICATIONS**

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<th>Function</th>
<th>Description</th>
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<td>Can operate by being integrated with Submarine Command and Control Systems</td>
<td>Advanced and user-friendly operator interface</td>
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<td>Advanced and effective Torpedo Detection, Classification and Localization System</td>
<td>Torpedo detection and countermeasure planning simulation and modelling tools</td>
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<td>Decision Support, countermeasure and ship manoeuvre selection, tactical module</td>
<td>Test and Training modes</td>
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<td>Expendable acoustic jammer and decoys</td>
<td>Redundant and Secure System Architecture</td>
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<td>· Static acoustic countermeasure</td>
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<td>· Mobile acoustic countermeasure</td>
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**Contact Information**

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