Homeland Security
Science and Technology

Highlight

Underwater Swimmer Detection

Maritime organizations, such as the U.S. Navy, the U.S. Coast Guard, and port security agencies, have a long standing interest in the detection of underwater swimmers. Concerns over the vulnerability of maritime assets to terrorist attacks have resulted in a new generation of sonar systems capable of automated detection of an underwater swimmer. Underwater swimmer detection systems use high frequency sonar to detect and track underwater targets and sophisticated algorithms to determine if the target is a swimmer, or some other object.

In order to assist emergency response agencies in making purchasing decisions, the Space and Naval Warfare Systems Center (SPAWARSYSCEN), Charleston, developed the *Protecting Maritime Assets with Underwater Swimmer Detection Systems TechNote* for the SAVER Program to provide more detailed information on this technology. The *Underwater Swimmer Detection Systems Market Survey Report* provides information on commercially available equipment.

All documents are placed on the on the SAVER Web site (https://www.rkb.us/SAVER) as they become available. Information on other technologies being evaluated in the SAVER Program can also be found on the Web site.

Underwater Swimmer Detection System