



**Homeland
Security**

Science and Technology

Highlight

U.S. Department of Homeland Security



System Assessment and Validation for Emergency Responders

The U.S. Department of Homeland Security (DHS) established the System Assessment and Validation for Emergency Responders (SAVER) Program to assist emergency responders making procurement decisions.

Located within the Science and Technology Directorate (S&T) of DHS, the SAVER Program conducts objective assessments and validations on commercial equipment and systems, and provides those results along with other relevant equipment information to the emergency response community in an operationally useful form. SAVER provides information on equipment that falls within the categories listed in the DHS Authorized Equipment List (AEL). The SAVER Program mission includes:

- Conducting impartial, practitioner-relevant, operationally oriented assessments and validations of emergency responder equipment;
- Providing information that enables decision makers and responders to better select, procure, use, and maintain emergency responder equipment.

Information provided by the SAVER Program will be shared nationally with the responder community, providing a life- and cost-saving asset to DHS, as well as to federal, state, and local responders.

The SAVER Program is supported by a network of technical agents who perform assessment and validation activities. Further, SAVER focuses primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?"

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Visit SAVER on the RKB Web site:

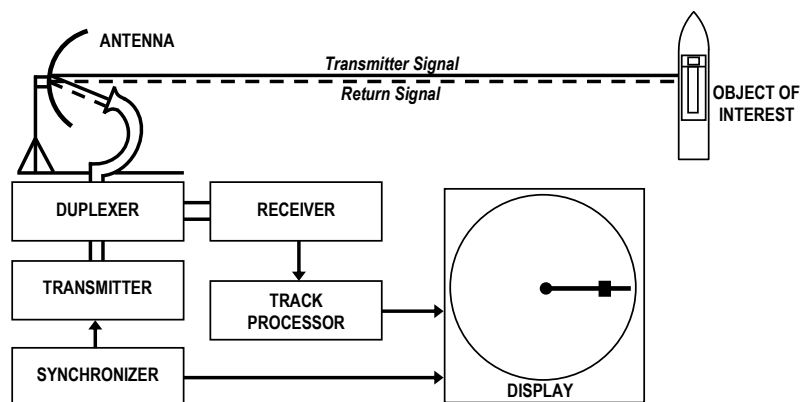
<https://www.rkb.us/saver>

Small Boat Intrusion Detection Systems with Radar

Small boat intrusion detection systems with radar capabilities can be used to detect, identify, and classify targets of interest in the maritime environment, helping to protect port facilities from waterborne intruders. Utilizing specialized radar systems coupled with processors specifically designed for tracking, these systems are able to detect and track potential waterborne threats and signal an alarm when warranted, enabling port security personnel to respond quickly to deter potential threats.

To assist emergency responders in selecting the right intrusion detection system for their jurisdiction, the Space and Naval Warfare Systems Center (SPAWARSYSCEN) Atlantic prepared a TechNote for the SAVER Program. SPAWARSYSCEN Atlantic also prepared the TechNote, *Small Boat Intrusion Detection Systems with Radar*, which provides a technology overview and operational applications.

This report will be located in the SAVER section of the RKB Web site (<https://www.rkb.us/SAVER>) when it becomes available. Information on other technologies being evaluated by the SAVER Program can also be found on the Web site.



Small Boat Intrusion Detection System Block Diagram