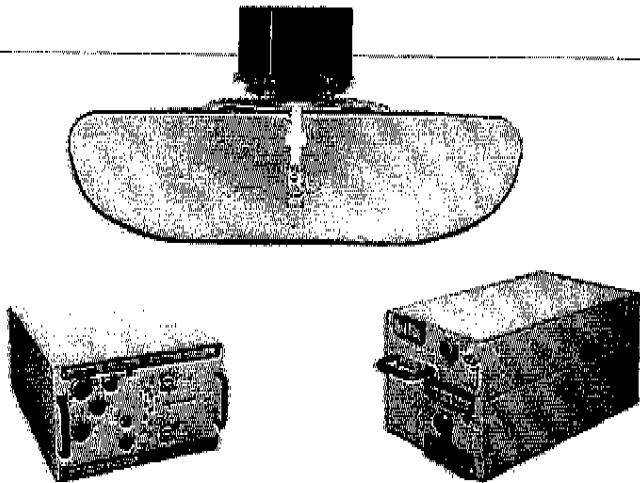


# Raytheon

## SeaVue™ Maritime and Overland Surveillance Radar



SeaVue is a high-performance maritime and overland radar system that provides cost-effective surveillance for fixed-wing, helicopter, ship and land-based applications. Over 100 SeaVue radars are operational worldwide.

### Benefits

- Multi-mission support
- Maritime and littoral surveillance and tracking
- Overland surveillance and mapping
- Search and rescue
- Navigation
- Weather detection/avoidance
- Harbor surveillance
- Economic zone surveillance
- Ship imaging and classification
- Overland mapping and imaging
- Activity detection and localization
- Environmental monitoring
- Oil spill detection
- Ice floe mapping

### Standard Radar Modes

Search 1 – Small target detection in high sea states

Search 2 – Extended plus enhanced long-range detection

Weather – Color display of weather for detection and avoidance

Inverse Synthetic Aperture Radar (ISAR) – Ship imaging and range profiling

Synthetic Aperture Radar (SAR) – Strip and spot SAR imaging

Doppler Beam Sharpening (DBS) – Wide-area high-resolution PPI

Wide Area Surveillance – Moving Target Indicator (WAS MTI) – Simultaneous DBS MTI, and MTI over digital map

Maritime MTI (MMTI)

### Optional Radar Modes

Search and Rescue Transponder (SART)

Display of SART emergency beacon

Air-to-Air (Air target detection)

### SeaVue Radar Background

SeaVue is the culmination of over 40 years of design and development experience in the field of maritime, littoral, and overland surveillance and has unmatched small target detection performance, especially in high-sea states. Raytheon has delivered more than 1,900 maritime radars for a variety of platforms worldwide. As processing techniques and hardware advance, Raytheon continually spirals new capability into radars such as the SeaVue.

### Worldwide Operation

SeaVue is the preferred radar solution when performance and reliability are essential.

Current countries operating SeaVue include: United States (U.S. Navy, U.S. Customs and Border Protection), Japan, Mexico, Italy, Australia, United Kingdom, Thailand and Norway.

### Multi-Mission Surveillance

Raytheon's SeaVue radar can deliver situational awareness for many mission applications. Whether monitoring shipping lanes, enforcing fishing and mineral rights, or guarding against piracy and criminal activity, such as narcotics smuggling, SeaVue delivers accurate, actionable information to enhance defense and security resource response and ensure mission success.