



# C-SERIES

## Naval Systems



## Terma A/S

– Leading defense and security contractor in Denmark, providing advanced electronic systems and solutions for a wide range of applications.

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Terma offers a complete Naval Situational Awareness and Combat Management System (CMS) for the OPV market. The radar sensor systems for air and surface surveillance combined with the C-Flex CMS solution has proven a market leading solution for OPVs around the world enabling users to efficiently solve the tasks such

as fighting drug trafficking, smuggling, illegal immigration, piracy, illicit fishing, terrorism, and asymmetric threats.

Terma has developed naval C4I systems for three generations. The system integrates, operates, and controls the entire weapon and sensor inventory on naval vessels. C-Flex is unique in its

ability to scale between large and small systems without costly software changes. With this design, Terma has created extremely competitive solutions for all types of vessels such as Frigates, Ocean Patrol Vessels (OPV) and small Patrol Vessels down to Rigid Hull Inflatable Boat (RHIB) mounted versions.



## Terma Naval Surveillance Radar Systems

Enabling Situation Awareness in Harsh Weather Conditions.

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Intensive design and development of efficient signal processing, high-gain antennas, and advanced tracking techniques, enables Terma to offer radar sensor systems with a proven small target detection capability in harsh weather conditions.

Terma naval surveillance radars are ideal for detection of targets used by illegal activities (drug and weapons smuggling, illegal immigration, piracy, illicit fishing, asymmetric warfare threats, etc.). The same radar characteristics are mandatory in Search and Rescue Operations.

With the SCANTER 6000, Terma introduces Solid State, Software Defined Functionality, Pulse Compression X-band Radars for naval applications. The SCANTER 6000 series' coherent radar techniques in combination with the small target detection capabilities enable the vessel to control a helicopter in its operations within short range, also when hovering.

Our main products, for new or upgrade programs for Navies and Coast Guard are:

- **SCANTER 6000 2D** Solid State, Fully Coherent, Frequency Diversity and Time

Diversity X-band Radar for Naval Surface Surveillance, Monitoring Low Airspace, Search and Rescue, Navigation, Self-protection and Helicopter Control

- **SCANTER 4100 2D Surface & Air Surveillance Radar** (as main radar in OPV's and Auxiliary Ships with Helicopter Deck, or as a back-up for the 3D-radar on a Corvette or Frigate, as well as for Helicopter Guidance functions)
- **SCANTER 2001 2D Surface Surveillance Radar** (as surface surveillance radar on all kind of ships)
- The extensive **SCANTER Antenna** program