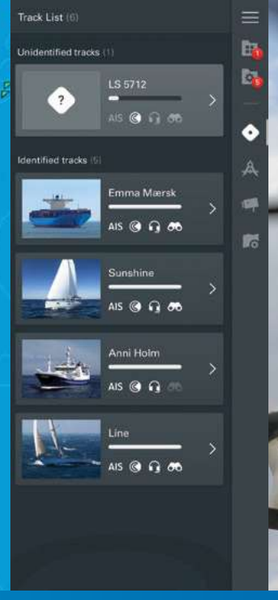
MARITIME MISSION SYSTEM

C-FLEX PATROL

TERMA
ALLIES IN INNOVATION



Maritime Mission System

Maritime authorities are tasked with a wide range of non-combat missions. Traditionally, naval forces have solved many of these missions. However, due to lower defense budgets and lack of availability, these missions will be solved by smaller and more agile units from coast guards, police, etc.

To deal with these maritime patrol missions, the maritime domain calls for a new breed of capabilities, designed and optimized for the challenges in an ever growing asymmetrical threat/task scenario.

Maritime Mission System

C-Flex Patrol is a modular Maritime Mission System that strengthens the operational capabilities of maritime forces by providing situational awareness and interoperability for non-combat vessels, thereby empowering the crew to effectively conduct and fulfil mission objectives.

Based on more than 30 years of experience in the naval command and control domain, Terma has developed a Maritime Mission System for platforms operating in the general maritime domain.

Task Automation

C-Flex automates tasks previously handled by specialists. C-Flex Patrol provides mission support by simplifying and automating tasks involved in specific maritime missions. This automatin minimizes the operator workload and reduces training requirements.

Intuitive User Interface

With C-Flex Patrol, we have carefully avoided an array of drop-down menus and windows that hide other vital information. C-Flex Patrol represents simplicity in the way that information is presented and simplicity in the way that the system is controlled. C-Flex Patrol is about effective decision support and effective workflow.

Operational Characteristics

Situational Awareness
C-Flex Patrol empowers maritime personnel by means of effective decision support.

The mission-oriented design ensures effective workflow support for your ongoing missions.

Depending on the mission type, sensor input and GeoMetOc data are merged and analyzed in real time, providing effective decision support.

Trivial tasks are automated, freeing up your resources and time to focus on the mission objectives.

Interoperability
C-Flex Patrol has the capability to operate in a networked environment, enabling network centric mission support.

The common operational picture compiled across units and platforms enables coordinated planning and decision making.

Product Characteristics

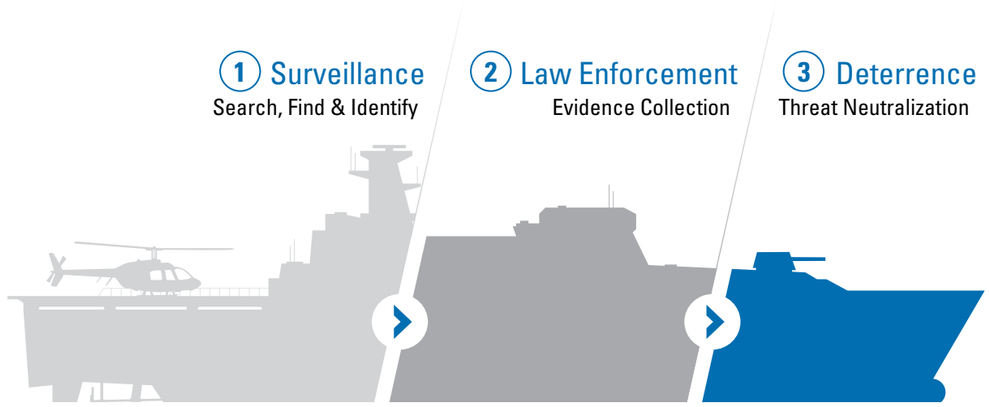
Low Lifetime Cost – Small Footprint
C-Flex Patrol is a standard out-of-the-box solution intended for the maritime patrol segment.

C-Flex Patrol will fit into any space available, and it easily integrates into bridge systems.

Flexible and Modular Upgrade Path
The C-Flex Patrol Maritime Mission System is flexible and modular. As your operational needs change, C-Flex Patrol can be incrementally upgraded with other mission profiles.

Standard Integration
C-Flex Patrol provides out-of-the-box support for:

- Terma SCANTER surveillance radars for complete tactical and situational overview
- Terma Electro Optical (EO) surveillance equipment, enhancing operational capabilities day and night
- Terma tactical data network for enhanced interoperability
- Terma C-Fire control system for effective self-protection and maritime control
- NMEA data sources.



Operating in the aerospace, defense, and security sector, Terma supports customers and partners all over the world. With more than 1,900 committed employees globally, we develop and manufacture mission-critical products and solutions that meet rigorous customer requirements.

At Terma, we believe in the premise that creating customer value is not just about strong engineering and manufacturing skills. It is also about being able to apply these skills in the context of our customers' specific needs. Only through close collaboration and dialog can we deliver a level of partnership and integration unmatched in the industry.

Our business activities, products, and systems include: command and control systems; radar systems; self-protection systems for ships and aircraft; space technology; and advanced aerostructures for the aircraft industry.

Terma has decades of hands-on know-how in supporting and maintaining mission-critical systems in some of the world's most hostile areas. Terma Support & Services offers through-life support of all our products to maximize operational availability, enhance platform lifetime, and ensure the best possible cost of ownership.

Headquartered in Aarhus, Denmark, Terma has subsidiaries and operations across Europe, in the Middle East, in Asia Pacific as well as a wholly-owned U.S. subsidiary, Terma Inc., with offices in Washington D.C., Georgia and Texas.

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