C-GUARD MK II

MODERN THREATS CALL FOR LAYERED DEFENSE

TERMA
ALLIES IN INNOVATION

Introducing C-Guard MK II

The Future of Layered Naval Defense

Protecting Your Fleet – Today and Tomorrow

Naval Vessels Ready for Modern Naval Warfare

Naval threats are evolving rapidly – drone swarms, hypersonic missiles, and advanced torpedoes now dominate the battlefield. Traditional hardkill defenses have difficulties keeping up with the speed and volume of these attacks.

In this new thread scenario, naval vessels require more than just firepower. They need C-Guard MK II, a new, updated state-of-the-art naval decoy system from Terma that redefines naval defense, is built on C-Guard's proven capabilities, and adds a trainable Ancilia* launcher, powered by C-Guard MK II, to the existing launcher family.

New Threat Complexity Calls for Layered Defense

Missiles and guns can't counter the complexity of threats alone. Drone swarms can overwhelm defenses, and hypersonic missiles leave no time for traditional responses. And with the threat complexity ever increasing, relying on hardkill systems alone exposes your fleet to unnecessary risk and leaves them burning expensive munition at a distressing pace.

C-Guard MK II strengthens the layered naval defense, neutralizing incoming threats without burning expensive missiles or ammunition. It extends your fleet's survival time, giving them the flexibility to deploy offensive countermeasures when they're most needed.

C-Guard MK II: A Software and Systems Evolution

The new C-Guard MK II is not just an update to hardware – it's a comprehensive upgrade in software, systems integration, and tactical efficiency. At its core, C-Guard MK II represents an evolution in naval defense, providing advanced countermeasure deployment capabilities through software-driven precision.

With C-Guard MK II, naval fleets gain an intelligent system capable of analyzing and responding to threats in real time. The software upgrade enables faster response times, better integration with vessel Combat Management System (CMS), and an optimized deployment of decoys – from both fixed launchers and the new trainable Ancilia launcher from SEA.

The key advancement lies in the system's new AI-developed algorithms, enhanced decoy management, and the flexibility in decoy launchers, which maximize vessel defense in even the most complex combat scenarios.

** Ancilia Countermeasure System is produced by SEA, a COHORT PLC company.*

Trainable Launcher and Advanced Decoy Deployment

C-Guard MK II introduces a wide range of decoy capabilities, making it one of the most flexible defense systems available.

Whether your vessels need chaff, flares, corner reflectors, or off-board active decoys (jammers), C-Guard MK II can handle it all. Its round-agnostic design means that fleets can use decoys from all major manufacturers, giving you unmatched adaptability to any ConOps.

A joint SEA and Terma approach combining Ancilia trainable launchers with C-Guard MK II threat evaluation, engagement algorithms, open countermeasure integration and fleet-wide scalability. C-Guard MK II provides the intelligence and integration. Ancilia unlocks the trajectory. Open 130 mm countermeasures preserve freedom of effect. Together they give the fleet a soft-kill architecture that can evolve instead of becoming obsolete.

The system's ability to launch multiple decoy types ensures optimal protection against radar, infrared, and electro-optical threats. This enhanced flexibility enables vessels to tailor their decoy deployment to specific threat environments, making sure they can outlast and outmaneuver attacks while preserving hardkill for when it is most needed.

AI-Developed Precision Gives C-Guard MK II the Advantage

The true strength of C-Guard MK II lies in its software architecture. New AI-developed algorithms from Terma provide the system with the intelligence to evaluate threats and recommend optimal decoy deployments when at sea.

These algorithms have been rigorously tested in a simulated environment, using Machine Learning to refine and train them to match the evolving threats at sea. As a result, C-Guard MK II ensures your fleet remains prepared for new and emerging dangers – from unmanned aerial vehicles (UAVs) to high-speed, sea-skimming missiles.

With the automatic round identification system, C-Guard MK II further enhances efficiency by automatically recognizing the decoy type in each launcher tube and drastically reducing reload times. Naval crew can simply load any decoy round into any tube, without having to manually configure the system, keeping the vessel combat-ready in no time.

Protect More, Spend Less

C-Guard MK II not only protects vessels – it protects budgets too. While tight naval budgets are truly an unpleasant topic, modern naval defense requires cost-effective solutions.

C-Guard MK II is designed to minimize maintenance, with few moving parts and low upkeep requirements. The system's high availability ensures that your vessels stay operational without extended downtime, reducing overall lifecycle costs.

The system is scalable to fit a variety of vessels, from corvettes and frigates to destroyers. This flexibility makes it the ideal solution for navies of all sizes, allowing nations to protect their fleet without stretching the resources.

Outmaneuver Tomorrow's Threats

Modern naval combat isn't about who has the most firepower – it's about who can adapt fastest. Brute-force solutions may impress, but in tomorrow's – and indeed today's – warfare, they won't suffice alone.

C-Guard MK II empower fleets to outthink, outmaneuver, and outlast adversaries by using intelligent, AI developed defense strategies.

From hypersonic missiles to intelligent torpedoes, C-Guard MK II ensures your vessels are always one step ahead. Leveraging on data and the advanced algorithms C-Guard is known for, the system can be modified to any ConOps and evolve to match any threat scenario so we can deliver superior protection of your fleet – against any attack.

Don't Leave Your Fleet Exposed

When you send your vessels into harm's way, you need to know they're defended by the most advanced systems available.

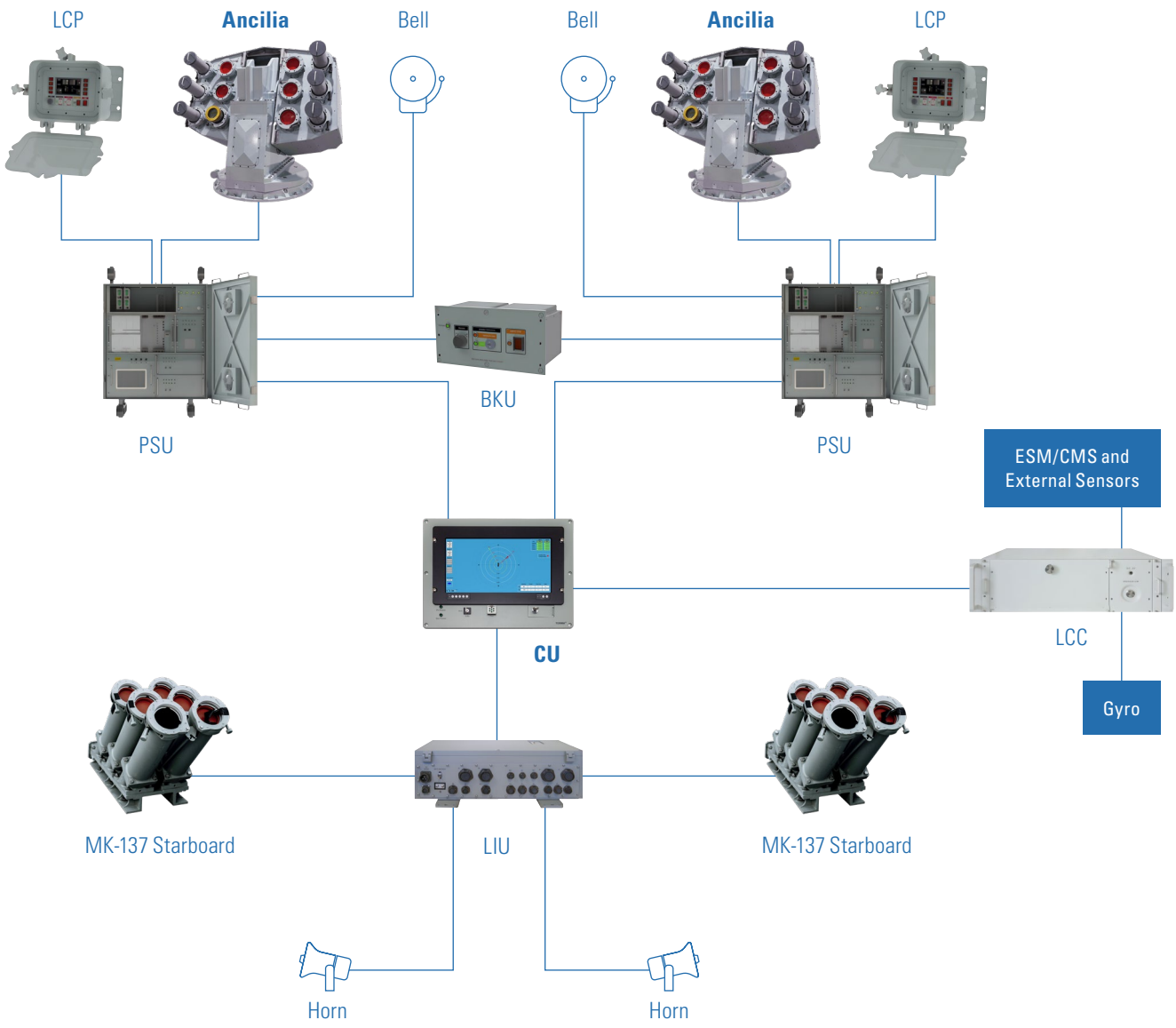
C-Guard MK II provides that defense. It protects your ships, conserves your missile supplies by adding an extra layer of defense, and gives your crew the confidence they need to face any threat.

Contact us today to learn more about how C-Guard MK II can seamlessly integrate into your fleet and provide the protection your vessels need in today's threat environment.

Key Benefits of C-Guard MK II:

- **Comprehensive Software Upgrade:** Advanced AI-developed algorithms for faster, smarter defense.
- **New Trainable Launcher:** Dynamic aiming for rapid and precise decoy deployment in real-time combat.
- **Round-Agnostic System:** Compatible with various decoy types, including chaff, flares, and off-board active decoys in NATO 130 mm standards.
- **Rapid Reload:** Round Identification System (RIS) enables ultrafast reloading in a matter of minutes.
- **Seamless CMS Integration:** Easy integration with existing Combat Management Systems.
- **Low Total Cost of Ownership:** Minimal maintenance, ensuring high operational availability.
- **Scalable for All Vessels:** Adaptable for vessels ranging from corvettes to large destroyers.
- **Combat-Proven:** Trusted by over 150 naval vessels worldwide.

C-Guard MK II system overview



Operating in the aerospace, defense, and security sector, Terma supports customers and partners all over the world. Our dedicated and talented global workforce develops and manufactures 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.

© Terma A/S - 10/2026 Photo credits: Royal Danish Navy and Danish Defence

www.terma.com

TERMA
ALLIES IN INNOVATION