Effective defense against modern seekers

The C-GEM is highly effective against current and new generation anti-ship missiles (ASMs). Modern tracking radar seeker missiles exploit the principle of mono-pulse and lock-on receive only (LORO) techniques to track marine platforms. Many of these radars incorporate chaff identification and discrimination capabilities. C-GEM generates robust, essential techniques necessary to defeat these advanced threats, both semi-active radar systems and autonomous threat seekers—and it’s cost-effective to use.

Protection against multiple threats

C-GEM is capable of jamming and deceiving threats in different directions, independent of ship maneuvers by using a unique array technique with a sophisticated technique generator. Employing simultaneous coincidence jamming and effective transmitting power, C-GEM sets new standards in naval ECM.

The C-GEM system consists of solid-state multi-beam array transmitters (MBAT), capable of coincidence jamming in the direction of the received threat, covering 360° in azimuth, enabling an immediate, powerful response, making C-GEM the system of choice for ship protection.

Benefits

- Cost effective solution
- Solid-state active array – electronic beam steering
- Extended spatial coverage
- Fast response time
- Installation for all types of launchers: fixed, trainable and stabilized
- High reliability fire and forget

Defend your ship against missile threats
Features
- Wideband coverage
- Programmed before launch to counter detected threats
- Useable in all standard 110 mm to 150 mm decoy launching systems

Technical Specifications

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