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Saab announces new Sea Giraffe AMB D radar

Saab introduces Sea Giraffe Agile Multi Beam D (AMB D), the latest evolution of its Giraffe AMB radar family, providing naval forces with enhanced 3D surveillance and tracking of air and surface targets in increasingly complex maritime environments.

Sea Giraffe AMB D can detect, track and classify aircraft, drones, missiles and crewed or uncrewed surface vessels, with a range of up to 250 km for air targets and 50 km for surface targets. It provides early warning and accurate target information to support decision-making in distributed, multi-domain operations, where reliable sensors are the foundation of operational advantage.

Designed for demanding maritime environments, the radar combines advanced Electronic Counter-Countermeasures (ECCM) capabilities against jamming attempts, with a modular architecture that enables integration with other naval systems. Its software-defined architecture also enables continuous upgrades as operational requirements evolve.

“Sea Giraffe AMB D takes a proven naval radar capability to the next level, combining increased performance with a low footprint and an architecture built for continuous development. It is designed to meet the demands of today’s naval forces while giving customers the flexibility to evolve with future threats,” says Carl-Johan Bergholm, head of Saab’s business area Surveillance.

Building on more than 70 years of radar innovation and over two decades of ongoing operational success with Sea Giraffe AMB radars, the new Sea Giraffe AMB D leverages Active Electronically Scanned Array radar hardware with a new software architecture and modern processing capabilities to provide enhanced air surveillance performance.

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Saab is a leading defence and security company with an enduring purpose, to help nations keep their people and society safe. Empowered by its 31,000 talented people, Saab constantly pushes the boundaries of technology to create a safer and more sustainable world. Saab designs, manufactures and maintains advanced systems in aeronautics, weapons, command and control, sensors and underwater systems. Saab is headquartered in Sweden. It has major operations all over the world and is part of the domestic defence capability of several nations.

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