

A WORLD CLASS LINE-UP

Saab's portfolio of high-performance naval radars covers any needs from short range air and surface defence to long range air surveillance. Regardless of vessel size, the operational demands will set the framework when choosing a radar system. Saab naval radars are dimensioned to meet all operational requirements from small to large naval vessels.

SEA GIRAFFE 1X

– The most compact and affordable solution

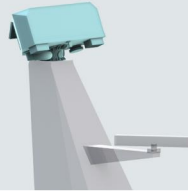
The SEA GIRAFFE 1X is optimised for naval and maritime security operations – without compromising the need for capable protection against sophisticated threats. It is the ideal choice for platforms with limited space that still have high demands on performance, including 3D functionality. The low footprint makes the SEA GIRAFFE 1X especially suitable for Patrol Craft, FAC or even combat boats and unmanned vessels.



SEA GIRAFFE AMB

– An optimal all-round solution

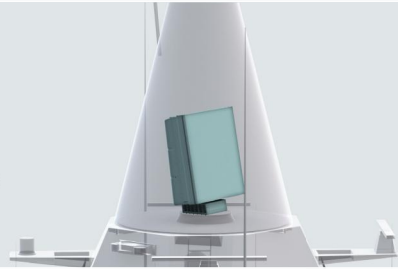
The SEA GIRAFFE AMB is a medium range, multi-role surveillance radar optimized for detecting small air and surface targets with high update rate in all kinds of environments, including the littorals. It will assist the commander in all kind of naval warfare and give the operators maximum time to react to incoming threats. The SEA GIRAFFE AMB is optimized for, and is in service on, vessels such as the Swedish Visby Class corvette and the US Littoral Combat Ship Independence class.



SEA GIRAFFE 4A

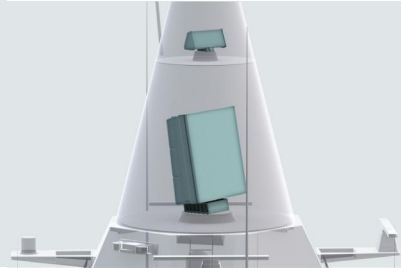
– Maximum range and volume search performance

The SEA GIRAFFE 4A combines long range air surveillance with full horizon coverage on surface targets. The flexibility in the SEA GIRAFFE 4A waveforms also provides the track accuracy and update rate required for an advanced medium to long range Air Defence Solution. The radar is technically designed for easy upgrading to meet future threats and mission objectives. The high degree of performance in a small footprint radar makes the SEA GIRAFFE 4A suitable for frigates as well as large corvettes.



NEVER COMPROMISE

Combinations of SEA GIRAFFE radars on capital ships are a cost-effective solution that guarantees sensor redundancy and extensive jamming resistance. By combining different frequency bands there will be no trade-off and performance is always optimized for any specific threat in any situation.



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SEA GIRAFFE MULTI-ROLE SURVEILLANCE RADAR

SECURING YOUR SUPERIORITY

The exceptional range and operational flexibility of the SEA GIRAFFE family of radars is no coincidence. Born and raised in a country with one of the world's most challenging maritime environments, with seasonal challenges from snow, ice and wind, and developed in close cooperation with the Royal Swedish Navy, our radar systems are designed to match the requirements of an extreme littoral environment. Empowered with multi-role capabilities and simultaneous air and surface surveillance, you can rely on the SEA GIRAFFE radars and Saab's **thinking edge** to provide the awareness required to protect your ship and secure your superiority.

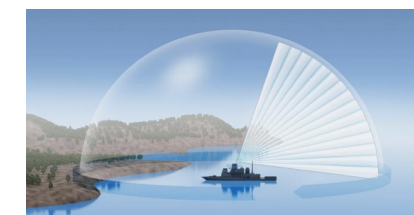


NEW EVOLUTIONARY TECHNOLOGY

Saab has been active in defence and industry for more than 75 years. In radar technology we are at the very forefront and our expertise represents more than six decades of innovative radar developments for land, sea and airborne applications. The SEA GIRAFFE family of radars is part of Saab's new generation of multi-role surveillance radars where the latest high-end technology is perfectly blended with extensive experience from worldwide operations – on land, in the air and at sea.

COMPACT DESIGN FOR MINIMUM FOOTPRINT

If you are first to know, you can also be the first to act. Customers worldwide rely on Saab to satisfy this need for fast and accurate information. The low weight and small dimensions found on any SEA GIRAFFE simplify installation on your platform with nothing but best performance in mind. Extended range and volume coverage, update rate and state of the art, well-proven, clutter suppression maximize the time available to act in a situation where every second counts.



AT YOUR SIDE ALL THE WAY

Saab Integrated Logistics Support (ILS) is an important part of the system delivery and will form the basis for future maintenance. Our ILS experts have solid experience in tailoring ILS deliveries together with customers worldwide. The superior, unsurpassed system availability (with high Mean Time Between Failure and advanced Built In Test) provided by the SEA GIRAFFE radars will greatly reduce the required investment in onboard and depot spares. Minimal operator training and maintenance requirements will significantly contribute to minimizing the total cost of ownership.

CHARACTERISTICS

- Air and Surface Surveillance
- Small Target Detection
- High Update Rate
- Tracking Accuracy
- Compact design
- High level of automation
- Software-upgradeable