

Handläggare *Handled by*

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Saab continues the joint Research and Development Program for future Multi-role AESA systems

Saab Microwave Systems AB, Selex Sistemi Integrati S.p.A and Elettronica S.p.A. have been awarded the second phase of a three phase Research and Development Program supporting the development of the next generation of microwave multi-function, multi-role systems called M-AESA (Multi-role Active Electronically Scanned Antenna).

On behalf of the armed forces of Italy and Sweden, FMV, Swedish Defence Materiel Administration, has signed contracts with the three companies Selex Sistemi Integrati S.p.A., Elettronica S.p.A. and Saab Microwave Systems AB relating to the second phase of the three phase long-term strategic research and development cooperation regarding radar and electronic warfare (EW). The program will be fully financed by the two countries. The participating companies, Saab Microwave Systems, Selex SI and Elettronica will together exploit the potential of AESA technologies in future defense electronic systems.

“This development cooperation with Italy’s two leading industries in the provisioning of integrated defence systems, will greatly enhance our joint possibilities to achieve the product vision of a true multi-role electronics package capable of active and passive sensing, jamming and special communications “ says Erik Löwenadler, President, Saab Microwave Systems AB.

The program will support this vision but also contribute in shorter term to the development of multifunction radar and EW systems.

The second phase comprises system architecture definitions and technology studies and development, as well as defining and planning of the following phase relevant to the prototype development and testing.

The introduction of M-AESA technology, comprising digital beam forming, will enable great increase in future microwave systems performance. The M-AESA benefits include the ability to detect, track and identify small targets in complex environment, to detect, track, identify and jam emitter and communication threats, thus providing the possibility to design flexible multipurpose electronics in advanced platforms. The multipurpose electronics include functions from radar, electronic warfare, as well as communications.

Saab is one of the world’s leading high-technology companies, with its main operations focusing on defence, aviation and space. The group covers a broad spectrum of competence and capabilities in systems integration.

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About Saab and Saab Microwave Systems AB

Saab is one of the world's leading high-technology companies, with its main operations in defence, aviation, space and civil security. Saab covers a broad spectrum of competencies and capabilities in systems integration.

Saab develops manufactures and delivers advanced products and services for the defence market, as well as for commercial markets where its expertise creates business opportunities.

Saab Microwave Systems AB is a leading supplier of Radar Systems. Saab Microwave Systems develops solutions providing customers with information superiority. This encompasses airborne, ground-based and naval radar systems. In the company's niche, Saab Microwave Systems is a world-leading centre of competence for microwave and antenna technology with more than 50 years experience of radar development and 3,000 radars delivered worldwide