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Saab announces plans to roll out fifth-generation Automatic Identification Systems

Defence and security company Saab - a leading supplier of maritime Automatic Identification Systems (AIS) - now introduces a breakthrough in AIS technology, with the unveiling of its fifth-generation R5 family of products.

“Our new R5 AIS products are the first to incorporate software-defined radio (SDR) transceivers together with newly developed high-speed analog-to-digital converters,” says Gunnar Mangs, Vice President Saab TransponderTech, and continues:

“The result is a dramatic improvement in receiver sensitivity, stability and signal processing.”

Saab plans to roll out the new R5 technology in a wide range of AIS products to meet different market requirements, including inland waterways, coastal fishing, deep-sea shipping, military and coastal surveillance. The products will be brought to market in phases during 2011 and 2012.

“The SDR technology in the R5 products provides unlimited flexibility in adding new radio channels with software upgrades in the future,” says Gunnar Mangs, and adds:

“In addition to VHF ship-to-ship and shore-to-ship AIS messages, the R5 will also be able to process DGPS beacon signals and future satellite AIS messages and e-navigation radio channels.”

About Saab TransponderTech

Saab TransponderTech AB (www.saabgroup.com/transpondertech), a company in the Saab Group, is recognized as one of the leading suppliers of products and systems related to maritime security, covering the whole range from small individual port solutions to national coastal surveillance networks. Saab was an





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early pioneer in maritime AIS technology, and has supplied more than 18,000 AIS ship transponders and 2,000 AIS base stations around the world.

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Saab serves the global market with world-leading products, services and solutions ranging from military defence to civil security. Saab has operations and employees on all continents and constantly develops, adopts and improves new technology to meet customers' changing needs.

