



Press Release

SRT Marine Technology announces the launch of a revolutionary range of ultra low cost, high performance automatic identification system (AIS) engine modules and customisable OEM products for use by the marine electronics industry.

Since 1999 SRT Marine Technology has been providing enabling core technology solutions for manufacturers of AIS products. The new range of AIS modules and OEM product solutions will enable a new generation of small, high performance, low cost AIS products.

The new range of AIS solutions from SRT Marine Technology offer a unique combination of size, performance and cost not thought possible from such a complex technology as AIS coupled with inbuilt flexibility to allow rapid and risk free creation of a range of AIS products.

The modules and OEM products have been developed following an extended period of intensive development by SRT's in-house engineering team. The use of advanced software radio technology, which combines the use of the latest chips with advanced software, has enabled the number of components to be reduced, thereby significantly reducing both cost and size whilst also improving performance and reliability.

The modules offer a complete, fully integrated 'plug & play' solution for the whole range of AIS products: Class A, Class B and Dual Channel Receivers. They are also designed to be easily integrated into almost any device thereby instantly providing embedded AIS functionality: chart plotters, radar, VHF radio, GPS receivers, LRIT tracking devices in addition to Class A and Class B black box and ECDIS systems etc.

The range includes solutions for Class A, Class B, Dual Channel Receivers, VHF Antenna Splitters, Base Stations and Aids to Navigation. Each is available either as a module or a complete, fully approved and customisable OEM product solution. And, as with all SRT Marine Technology solutions, all

meet with the relevant IEC specifications and carry formal international approvals based on independent testing at notified EU based test houses.

Simon Tucker, Managing Director of SRT said, “We are suppliers to marine electronics and homeland security manufacturers and system integrators and our new range of solutions will enable our customers to significantly reduce cost and size whilst also offering increased performance and functionality. This is great news for our customers, their customers, the end user and therefore the AIS market as a whole.”

Class A:

The new SRT Class A will be available from the end of 2009 and is based upon SRT’s mature and long proven AIS platform. The latest generation has seen a dramatic cost and size reduction through the application of advance software radio development techniques, thereby ensuring a unique combination of exceptionally low cost and high performance.

The core of the SRT Class A solution is the Class A module which comprises two small PCB’s. This module in turn can be easily used to create a wide range of products from a standalone Class A to base stations and SOLAS approved integrated ECDIS systems.

The OEM product itself a single, is a fully integrated Class A which meets the full IEC deep sea and inland waterway specifications. The OEM product and modules are supplied with full approvals from notified EU test houses this ensuring total compliance with all IEC and IMO specifications and regulations.

Measuring only, 21cm x 10.5cm x 13.8cm, it is the smallest fully integrated Class A in the world, yet offers unmatched performance and a full range of features. Designed with the user in mind the unit includes a customisable integrated display system which includes both text and graphical ‘radar’ type displays and also multiple outputs for easy connection to other display systems such as chart plotters and PC’s.

These module and OEM solutions will enable a dramatic and significant reduction in end user prices of up to 50% from the end of 2009 for AIS Class A.



OEM AIS Class A



AIS Class A Engine Module

SRT expects that the availability of this new solution will enable retail prices of Class A to fall well below \$2,000.

Dual Channel Receiver:

The dual channel receiver uses a new revolutionary software radio architecture which was developed by SRT's in-house engineering team. The result is a miniature module measuring only 5cm x 5cm which is a full dual channel AIS receiver with exceptional sensitivity and field performance (range), normally associated with Class A type transponders.

Designed to be simple to use, the solutions support USB connectivity with standard NMEA output and therefore offers plug and play compatibility with virtually any chart plotter or PC.



OEM Dual Channel AIS Receiver



Dual Channel AIS Receiver Engine Module

SRT expects that the availability of this new solution will enable retail prices of dual channel AIS receivers to fall below \$200.

Class B

The SRT AIS Class B is a proven and fully approved solution which today is used in a wide variety of devices and applications across the world. This year sees the introduction of an updated OEM Class B product solution which offers customers a smaller form factor which is also rated and approved as waterproof (IP67). As with all SRT solutions the Class B is approved to IEC specifications by notified and internationally respected test houses such as BSH in Germany. Proven performance and reliability coupled with small size and low cost make this an exceptional product for use in a wide variety of applications.



OEM AIS Class B



AIS Class B Engine Module

Simon Tucker, said, “SRT Marine Technology has been developing AIS technologies for over a decade. We seek to enable our customers to develop new AIS products which offer end users greater selection, improved performance and more features whilst also reducing cost. This new range of AIS solutions will revolutionise the AIS products in the market in the coming years and enable existing suppliers to dramatically improve their offer to the market.”

About SRT Marine Technology Ltd

SRT Marine Technology develops advanced radio communications technologies, modules and OEM products with a particular focus on AIS and marine VHF radio. The company provides its solutions to partners who use them as enablers to create their own unique product offerings without the associated development time, risk and cost.

Further Information:

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