



Press Release

15th June 2011

SRT Marine Technology announces the completion and launch of its advanced new software defined radio (SDR) architecture and the availability of a new range of miniature high performance modules and OEM products.



After a long period of sustained development effort, SRT has completed an entirely new core SDR architecture platform. This is a true SDR platform which deploys the very latest in radio communications technologies and incorporates a number of patent pending innovations. This platform enables a new generation of miniature AIS devices which offer dramatically improved performance and features and reduced size, cost and power consumption.

An example of the deployment of this new technology is SRT's newly released and recently FCC & EU certified and approved Cobalt AIS Class B module which commences volume shipping in July 2011 to customers worldwide.



This is the world's smallest Class B (smaller than a standard credit card), yet also the best performing and feature rich fully integrated AIS Class B engine. The device supports both the CSTDMA and pending SOTDMA IMO Class B standards and includes multiple integrated features such as SD and SIM card support and device multiplexing to name only a few.

The new modules also incorporate SRT's unique **Rmax**[™] technology which was developed as an integral part of the new architecture. This ensures maximum range and message decoding thus ensuring total AIS domain awareness without compromise in even the busiest areas.

Simon Tucker, SRT CEO said: "We have been at the forefront of AIS technology development for over ten years. Our existing solutions continue to offer best in class performance, reliability and functionality. As you would expect the development of our new SDR technology has not been easy. SRT probably has one of the world's leading radio communications engineering development teams and we have deployed all this talent in a concentrated and focused fashion for nearly 2 years to create these new technologies. End users will be able to enjoy the fruits of these innovations, as well as trust in our



well known reliability and performance, with any product using SRT core technology.”

These new technologies, modules and OEM product solutions will enable our customers to produce a range of revolutionary new products offering entirely new price points, size and functionality for the benefit of all AIS users.

Class B: Improved performance, smaller, lighter, lower power with a broader range of features, such as NMEA0183 & NMEA2000 and device multiplexing.



Dual Channel Receivers: Smaller, lighter with improved performance and dual USB power/data capability, NMEA0183 & NMEA2000.





Antenna Splitter: Patented technology enables a splitter with the world's best performance and fail safe VHF radio operation in the event of power loss.



SART: Using SRT's new miniature SART engine and newly developed VHF antenna technology, the SRT SART offers exceptional reliability and field performance with operational range significantly exceeding required specifications.



Man Over Board (MOB) System: Deploying the best of SRT's core AIS and antenna technology, the SRT MOB will offer professional standard reliable performance and incorporate complementary technologies to make this a truly useful and life saving device.



Class A: SRT's current Class A, launched in May 2010, will now offer a full encryption upgrade option for use by marine authorities, coast guards and navies within the world's smallest, rugged and best performing Class A.





The new Class A scheduled for launch in 2012, will include a colour screen, full charting capability and using the new SDR platform, an almost limitless range of frequency and channel configurations, all within a smaller, lower cost form factor.



Identifier: Responding to the needs of some markets, SRT has developed a revolutionary new product called the Identifier which enables any vessel to fit an AIS beacon for safety and security purposes. The Identifier is fully integrated AIS beacon with an integrated lithium ion battery and will operate for up to week between charges.





Aids to Navigation (AtoN): AtoN are an increasingly important element to any serious AIS system and are gradually being installed worldwide. They provide extended network coverage and important maritime domain information to mariners such as temperature, wind, tides, sea state etc. These devices are typically fitted to buoys. SRT's new AtoN, is, by a significant margin, the world's smallest and lowest power AtoN meeting the full IMO specification.



Simon Tucker, SRT's CEO said: "For over a decade, SRT has been the leaders in developing AIS technologies. We have been listening carefully to our customers and the market and over the last two years have made heavy R&D investments to create the core technologies which we feel are required for the next generation of future AIS products. These high performance and flexible new technologies, modules and OEM products will provide our selected customers with the ability to offer a wide range of their own customised products addressing all market segments. End user buyers of SRT based AIS products can expect to see a much wider selection of products which are smaller, more powerful, lower cost with considerably enhanced features."



Data sheets for all modules and products will be available in the Products section on our web site, www.srt-marine.com from Thursday 16th June 2011, and all modules and products will be show cased at the 2011 METS exhibition.

About SRT Marine Technology Ltd

SRT Marine Technology Limited is a wholly owned subsidiary of SRT PLC, a London stock market listed company (Ticker: SRT:LSE). SRT Marine Technology develops advanced radio communications technologies, modules and OEM products with a particular focus on maritime domain information and tracking technologies. 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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