

See more with HF-AIS from SRT

High Fidelity AIS is yet another unique core technology innovation from SRT Marine Technology which delivers optimal operational AIS performance and enhances the mariners AIS experience.

AIS transceivers constantly receive and then process hundreds, perhaps thousands of transmissions from other transceivers in real time. Successful processing of AIS transmissions and therefore display of targets and data is often taken for granted by the end user. But, if a transmission is not successfully received and processed, that data is not displayed. The user may think they are seeing everything but that may not be the case.

The ultimate determining factor of how well any AIS transceiver works in the field is determined by the core technology – its ability to receive, transmit and process thousands of messages in real time simultaneously. HF-AIS is a turbo-decoder technology more commonly found in high-end communication devices such as 4G mobile phones where very high data rates are required. It ensures reliable decoding and processing of all AIS messages in real time – which in turn ensures that the end user sees everything. When combined with SRT's superior radio reception sensitivity, the difference for the user can be dramatic.

SRT Marine Technology have been developing AIS core technology since the 1990's across all commercial and leisure applications and have maintained their position as the global leaders for the last 15 years through relentless R&D and innovation. HF-AIS is another example of how users with products using SRT technology will enjoy superior functionality and reliability.



SRT launches SOTDMA Class B range Artemis

SRT is pleased to announce the availability of the world's first certified SOTDMA AIS Class B with 5W transmit power. Artemis is a compact and robust (IP67 water proof & shock and vibration resistant) fully integrated AIS transceiver.

Its state of the art SOTDMA Class B engine offers ultra power efficient operation, 5W transmit power and HF-AIS performance.

The colour screen offers high performance detailed chart display with a full range of useful functionality. And with massive internal processing capability and WiFi connectivity users will enjoy a regular update program.

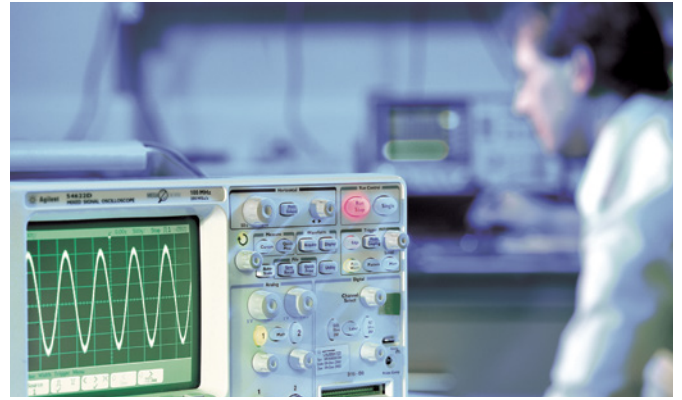
Premium AIS Class A launched

SRT is pleased to announce the launch of an advanced, premium, next generation Class A which will sit alongside and complement our proven commercial Poseidon Class A. Fully integrated with a hi-resolution colour display, shock, vibration and IP67 certified waterproof Apollo is designed for long term sustained operation in even the harshest commercial or military environment. Based around a completely new core technology hardware design, Apollo, takes AIS Class A to a completely new level. Internationally certified to the very latest regulations, Apollo is also designed to be future proof as the AIS standards continue to evolve.



SRT advanced technology R&D

Since the 1990's SRT has been the global leader in the development of AIS technologies. Our customers and their customers expect to have the very best AIS offer available to them at any given time for any application, along with technology which will support the product and application that the market is expecting as the role of AIS across the maritime commercial and leisure markets grow. Today, our advanced core technology development projects are deploying the very latest SDR and ASIC technology which will deliver significant, game changing, step changes in our offer to our customers and in turn what they can offer the market.



SRT leads the development of AIS Aids to navigation (AtoN)

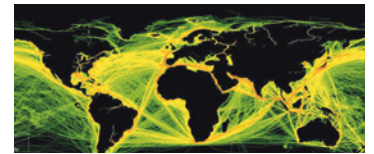
AIS AtoN are special transceivers designed to operate on buoys and other infrastructure. They transmit an increasing amount of useful data such as real time weather, sea state, buoy status, SAR relay

and much more. SRT has pioneered the development of ultra low power, high functioning and integrated AIS AtoN technology and derivative products. SRT offers a complete range of transceivers suitable for any AtoN installation and sensor integration, coupled with advanced display systems able to decode and display the increasing amounts of valuable data becoming available to authorities and mariners.



Satellite detection enhancing technology

ABSEA is a unique, patent protected technology developed by SRT and exactEarth which enables AIS Class B and Identifier transceivers to be reliably tracked from space. Available exclusively on SRT based AIS transceivers.



RECENT EVENTS

- Middle East** SRT signs multi-million dollar contract to supply national MDM system into Middle East.
- Africa** St Helena deploys SRT AIS systems to track fishing boats.
- Europe** SRT embarks on new next generation AIS core technology development.
- Asia** GeoVS used by Malaysia's fastest growing commercial port for VTS.
- Global** ABSEA technology enables once per hour global tracking of Class B and Identifier AIS transceivers by satellite.
- Middle East** SRT AtoN transceivers deployed in huge Middle East program.



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