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## SSAS - SHIP SECURITY ALERT SYSTEM

In response to SOLAS Resolution X1-2/6, certain types of ocean-going vessels are required to have onboard a Ship Security Alert System to help safeguard against piracy and terrorism attacks. These systems are silent alarms, hooked into global satellite systems to allow for communications anywhere around the globe and everywhere at sea.

But with so many different satellite systems and services, security equipment possibilities, making choices about how to comply with these SOLAS regulations can be daunting. That's where Rice Electronics can assist you.

Please call us to find out more about our full line of custom Ship Security Alert System technologies and our Fully-Integrated Turnkey Ship Security Alert Systems to see how Rice Electronics can best design and create the system that will serve your needs. Visit our website at www.riceelectronics.com, or email us for more information and a price quote at sales@radar-radio.com.

## SHIPLOC SATELLITE-BASED SHIP SECURITY ALERT SYSTEM

ShipLoc is the unique and official ship security alert system endorsed by the International Maritime Bureau. ShipLoc continuously monitors in near-real time the exact location of vessels anywhere in the world. ShipLoc is inexpensive because the operating infrastructure is already in place - through thousands of transmitters already being monitored. ShipLoc features 365/7/24 alarm monitoring at 2 different locations. Shipoc allows you to monitor the exact location of your vessels anywhere in the world at any time. It combines a satellite tracking system with a law enforcement agency alert capability. The ShipLoc system includes a GPS positioning system and independent and proprietary geo-positioning system, providing GPS fix verification; A small and anonymous tamper-proof satellite transmitter with backup batteries; Two alert buttons to activate alert on-board; dedicated software for fleet and voyage management; IMB connections with law enforcement agencies; and a dedicated website to view ship positions and receive alarms on emails and SMS. With a history of rescuing ships already in place, ShipLoc remains the only system tied-in and set-up with Law Enforcement agencies around the world.



## **GMDSS-C OPTIONS**

Inmarsat-C provides a high quality two-way telex and data link between ships and other parties at sea or on land. Functions and services of Inmarsat-C systems are: EGC (Safety NET/FleetNET), distress message handling, twoway digital store-and-forward messaging including polling, data reporting, and E-mail. Distress alerts are initiated by a remote distress alert unit. Distress messages including own ship's position are easily edited via Ethernet when supplied with dedicated software. Optional GPS modules are available for position reporting without operator's intervention. GMDSS compliance can be achieved by adding a printer and a AC/DC power supply unit.

Tracking vehicles or vessels is generally considered to be one of the high-potential growth areas for mobile satellite systems. Inmarsat-C: The compact and lightweight TT-3022C Capsat® Inmarsat-C Land Mobile Transceiver can be installed in any type of vehicle, providing near to real-time tracking by means of an integrated GPS receiver and easy messaging between vehicles and the base. It is also available in a marine version for vessels: TT-3022D Inmarsat-C/GPS Fishery Capsat®. Today, many fleet owners are using these solutions to track, control, and optimize their fleets. The Capsat® enables the driver to send and receive information continuously, wherever he may be. The fleet manager can send information directly to a particular vehicle or vessel at any time. The TT-3026L/M easyTrack is the world's first Inmarsat mini-C system, comprising transceiver, antenna, and 12-channel GPS receiver in one single unit. The extremely compact, power conserving, and easy installed mobile unit ensures fast and reliable communication from mobile to land, land to mobile, as well as between mobiles.