



Rice Electronics provides the best products and services to the industrial marine transportation and shipping industries. Our ISO 9001:2008 Certification certifies us to sell, install, repair, rent, and integrate marine navigation and communication equipment that will fully comply with the U.S. government's latest regulations that require them in the wake of 9/11. Our quick response to the SOLAS/GMDSS and Security System requirements enables us to install and maintain AIS equipment on any ship. On November 25, 2002, President Bush signed the Maritime Transportation Security Act of 2002. This act requires the following vessels to be fitted with AIS when operating in the navigable waters of the United States:

1. Self-propelled commercial vessels more than 65 ft (19.8 m) in length
2. Vessels carrying more than an unspecified number of passengers for hire
3. Towing vessels more than 25 ft (7.6 m) in length and more than 600 horsepower
4. Other vessels as may be determined by the Coast Guard through regulation

The act applies to

1. Vessels built on or after 1 January 2003
2. All SOLAS passenger ships, and all tankers and towing vessels moving a tank vessel on or after 1 July 2003
3. All other affected vessels on or after 1 December 2004

We always have our finger on the pulse of the Industrial Marine industry, which is why we can save you even more money by offering additional discounts when purchasing an AIS with a GPS Gyro. Call Rice Electronics today to find out more about our full line of AIS technologies and how we can help your company to comply with the new US government and SOLAS regulations. Or email us for more information or a quote at sales@radar-radio.com.

WHY AIS

Safety is a key issue for all who work in maritime shipping industries. With an AIS shipboard broadcast transponder system on board, you can receive safety related navigational information being continuously broadcast on a common VHF radio channel from other ships and nav aids such as buoys and lighthouses. An AIS system provides you with a vessel's ID, position, speed and course over ground as well as static and voyage related information. Connected to a radar and electronic chart system, an AIS system provides a detailed overview of the shipping in your area.

SOLAS REGULATIONS

The International Conference on Maritime Security concluded on December 9 and 10, 2002 and adopted a number of revisions to the Safety of Life at Sea (SOLAS) Convention. Call us for more information on the status of the implementation date for your Automatic Identification System (AIS).

AIS FEATURES

- Ship name/Call sign/ MMSI/IMO number
- Date and time in UTC time of composition of message
- Position WGS84; Latitude/Longitude degrees & minutes
- Course over ground (COG) in degrees
- Speed over ground (SOG) in knots and 1/10 knots
- Destination/ETA
- Actual maximum draught in 1/10 of meters
- Ship/Cargo (Static and voyage related data)
- Length/Beams
- Number of persons on board
- SMS (Free)

RICE AIS SYSTEM INTEGRATION

Each Rice Electronics location boasts several FCC-licensed, GMDSS-endorsed, service technicians, with over 20 years experience providing service down to the component level on a wide spectrum of products covering a broad range of manufacturers. Of course, our expertise and certifications make us the best possible choice to conduct any and all of your required equipment systems inspections. Choose Rice Electronics to integrate and install your AIS System today.

