ACR Electronics AISLink CB2 Class B AIS Transponder

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METSTRADE - ACR Electronics: ACR Electronics Introduces AISLink CB2 CLASS B Transponder for Increased Visibility

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ACR Electronics, Inc., leading manufacturer of life-saving distress beacons and survival equipment, has expanded its product portfolio with the launch of the AISLink CB2 Class B AIS Transponder.

Ideal for yachts, sail and powerboats, fishing and light commercial vessels, the new Class B device significantly enhances navigational safety for boat owners, increasing visibility and aiding collision-avoidance in areas of high traffic to ensure peace of mind at day or night and in all weather conditions.

The ACR Electronics AISLink CB2 uses an advanced internal multi-GPS receiver, 99 acquisition channels and 33 tracking channels to accurately indicate the boat's position at all times. Offering superior performance compared to standard Class B units, the transponder features a faster reporting rate, higher output power and the same AIS transmission priority as a Class A unit. The CB2 uses the SOTDMA (Self Organised Time Division Multiple Access) scheme, rather than CSTDMA (Carrier Sense TDMA), for no loss or delay of transmission, even in busy waterways. It sends AIS transmissions every five seconds instead of the CSTDMA two transmissions per minute, with 5W output power, compared to the standard 2W, allowing the transmissions to reach further.

Mikele D'Arcangelo, Vice President of Global Marketing and Product Management, ACR Electronics, said: "AIS technology offers tremendous safety benefits for boat owners that can be life-saving in the event of avoiding a collision or retrieving a man overboard who is equipped with personal AIS, such as our AISLink MOB. We are therefore very pleased to expand our product range in this area with the new AISLink CB2 transponder, offering boat owners a high performance, but affordable, product for simplifying navigation and allowing them to see and be seen at all times.

"With a CB2 AIS transponder installed, boat owners can locate and identify previously unknown radar and visual targets and easily communicate with other AIS equipped vessels nearby, improving situational awareness and maritime domain awareness."

The AISLink CB2 automatically ascertains vessel information such as position, speed, course and heading. Other vessel information such as identity, call sign, type and dimensions, and MMSI can be uploaded via WiFi. The CB2 also receives and interprets AIS messages from other AIS-equipped vessels within range, which can then be relayed to other navigation devices such as chart plotters, laptops or mobiles using the device's NMEA 0183, NMEA 2000, USB or Wi-Fi outputs. A multi-colour LED indicator light on the CB2 signals the on-going operational status of the unit.

Easy to use with accessible connections, the CB2 features a sleek, yet rugged, waterproof design that is high on performance and low on energy consumption. It is quick and simple to install and is supplied complete with an external mount GPS antenna, ready to upload vessel information using a mobile phone, tablet or PC.

For more information on ACR Electronics beacons and other safety equipment, go to www.acrartex.com.

This device has not been authorized as required by the rules of the FCC. This device is not, and may not be offered for sale or lease, or sold or leased, until authorization is obtained.

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About ACR Electronics, Inc.

ACR Electronics, Inc., designs and manufactures a complete line of safety and survival products for the brands ACR, ARTEX, Skytrac, Flight Data Systems, Ocean Signal, United Moulders (UML), Latitude Technologies and NAL Research. Available products include Emergency Position-Indicating Radio Beacons (EPIRBs), Personal Locator Beacons (PLBs), ARTEX Emergency Locator Transmitters (ELTs), Flight Data Monitoring, GADSS, Search and Rescue Transponders (SARTs), Strobe Lights, Life Jacket Lights and Inflators, Boat Search Lights, and other associated safety accessories. ACR's facility Quality Management System (QMS) is certified by TUV USA and is certified in accordance with AS9100C / ISO 9001:2008 standards. Recognized as a world leader in safety and survival technologies for over 60 years, ACR has provided life-saving equipment to the marine, outdoor, aviation industries as well as to various government agencies worldwide. For more information go to www.ACRARTEX.com