ACR THE SCIENCE OF SURVIVAL

AIS EPIRB WITH RETURN LINK SERVICE

GLOBALFIX™ V5

The new ACR GlobalFix V5 EPIRB is an innovative EPIRB with a unique feature set. The addition of an AIS alert provides the easiest and quickest path to rescue while the included Return Link Service (RLS) functionality provides a welcome sense of security by providing direct to beacon confirmation that your distress message has been received. Adding Near Field Communication (NFC) to the mix allows for smartphone connectivity and access to data and product interaction that has never before been available. This advanced feature set makes the GlobalFix V5 perfect for mariners whether coastal cruising, working offshore or crossing oceans.

Mobile App Connectivity

Dual 406 MHz and 121.5 MHz Signal Transmission

AIS Locating Signal

Return Link Service

Compatible with GPS, Galileo & Glonass

GMDSS/ SOLAS Approved

Compliant with the mandatory International Maritime Organization (IMO) regulation (as of July 2022) and Safety of Life at Sea (SOLAS) regulation.

www.ACRARTEX.com

GlobalFix V5

EMERGENCY POSITION INDICATING RADIO BEACON WITH AIS AND RETURN LINK SERVICE

Introducing the most advanced EPIRB (Emergency Positioning Radio Beacon) available.

The new ACR GlobalFix V5 EPIRB combines 406 MHz satellite connectivity with Automatic Identification System (AIS) functionality. This means that when the EPIRB is activated not only does it transmit your emergency signal to the global Cospas Sarsat satellite rescue system, but it broadcasts an AIS safety message on VHF frequencies that can be seen immediately by any AIS equipped vessel nearby.

Other great features include Return Link Service (RLS) technology that provides visual confirmation to the user that their distress message has been received, a 121.5 MHz homing signal, and visible and infrared strobe lights for easy target identification at night or in poor visibility. Another new feature is Near Field Communication (NFC) which allows users to monitor their EPIRB using a smartphone App.

ACR is the global leader in marine safety and rescue technology and the new GlobalFix V5 EPIRB with AIS combines the durability and reliability they are known for with advanced technology designed to speed rescue response time.

Smartphone Connectivity utilizing Near Field Communication (NFC)

NFC (Near Field Communication) technology allows users to access EPIRB diagnostics using their smartphones. When a smartphone is placed adjacent to the GlobalFix V5 EPIRB the ACR Product App automatically opens providing access to EPIRB data. Beacon status information in the app includes current battery life, number of self-tests completed, number of GNSS tests completed, and the amount of time the EPIRB has been activated. Detailed information on each self-test and GNSS test performed by the device is also available.

GNSS tests show a map view pinpointing where the previous test was performed, the date and time of the test, how long it took the EPIRB to get a fix on the GNSS coordinates, the number of satellites used to obtain that fix, and the accuracy of the fix. Easy App connectivity with NFC allows users to easily check the status of all EPIRB functions to ensure it is working properly.

GLOBALFIX V5

Faster Rescues through the Pairing of Global and Local Rescue

The ACR GlobalFix V5 EPIRB accurately derives its position anywhere in the world using GNSS (GPS, Galileo, Glonass) positioning networks. Upon activation 406 MHz distress transmissions relay the GPS EPIRB (GPIRB) position, accurate to within 100 meters, to the worldwide Cospas Sarsat search and rescue satellite network. EPIRB identifiers and position information is relayed to ground stations through the satellite system initiating rescue operations.

With advanced AIS technology now incorporated into the EPIRB, once activated an AIS signal is transmitted so that nearby vessels outfitted with an AIS transponder are instantly notified of the EPIRB location. AIS equipped vessels within VHF range of the EPIRB will see a safety message on their screens including MMSI vessel identification. Vessels in the area where the EPIRB has been activated can then start rescue and recovery operations immediately without having to wait for emergency response from the applicable SAR authority. AIS also allows local responders to easily pinpoint the EPIRB's location which is presented as an AIS target on their onboard display.

Nearby vessels with onboard AIS can navigate directly to the EPIRB by selecting the AIS target. This incredible technological advancement will speed recovery times which is sure to save lives.

HOW DOES IT WORK?

Signal Confirmation Notification via Return Link Service (RLS)

Return Link Service tells whoever triggers the EPIRB that the distress message has been delivered. An RLS signal sent back through the Galileo satellite network confirms that the distress message along with the precise beacon location and identifiers have been detected. An easy to see flashing blue light indicates the EPIRB's successful reception of the Return Link message from the Galileo satellite network. The comfort of knowing rescuers are aware that an EPIRB has been activated and that they have its location helps reduce the stress associated with mayday situations.

ACR specializes in electronic rescue devices and other life-saving products designed for both professional and recreational mariners. With the addition of AIS, the innovative new ACR GlobalFix V5 EPIRB provides the easiest and quickest path to rescue. Return Link Service provides a welcomed sense of security knowing that your distress message has been received and Near Field Communication provides access to data and product functionality that has never before been available to any EPIRB customer. The new and advanced feature set of the GlobalFix V5 EPIRB makes it perfect for mariners whether coastal cruising, working offshore or crossing oceans.

GlobalFix V5

AIS EPIRB WITH RETURN LINK SERVICE

SPECIFICATIONS

Product Number: 2851 (Cat I) & 2852 (Cat II)
Model Number: RLB-44

Battery
Non-rechargeable Lithium Batteries

Class
Class 2 Operation (@ -4°F / -20°C)

Temperature Range
Storage: -30°C to +70°C (-22°F to +158°F)
Operating: -20°C to +55°C (-4°F to +131°F)

Activation
Manual or Automatic when released into the water

Buoyant
Yes

Waterproof
Yes

Weight
1.78 lbs (810 g)

Dimensions (Extended)
18.5″ (L) x 4.29″ (W) x 4.33″ (D)
470 mm (L) x 109 mm (W) x 110 mm (D)

Battery Replacement
10 Years

Operational Life
48+ hours

Approvals
Cospas-Sarsat, FCC, MED, RED (See www.ACRelectronics.com for full list of approvals)

Warranty
5 years

* Where approved for use

** Patented

KEY FEATURES

- AIS Locating Signal
- 406MHz Cospas-Sarsat
- Multi GNSS compatible
- 121.5MHz Homer (with position**)
- Return Link Service*
- Waterproof with built-in buoyancy
- Visible and IR Strobe Array
- 48 Hours of Operation

THE SCIENCE ACR OF SURVIVAL

MADE IN THE USA

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