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› ACR GlobalFix V6 EPIRB with RapidDitch Express Bag (Model 2343.1) Instruction Manual

ACR 2343.1

ACR GlobalFix V6 EPIRB with RapidDitch Express Bag (Model 2343.1) Instruction Manual

This manual provides essential information for the setup, operation, and maintenance of your ACR GlobalFix V6 EPIRB and RapidDitch Express Bag. Ensure marine safety with reliable emergency signaling and quick deployment in critical situations.

1. INTRODUCTION

The ACR GlobalFix V6 EPIRB (Emergency Position Indicating Radio Beacon) is a crucial safety device designed for reliable emergency signaling in critical marine situations. This package includes the RapidDitch Express Bag, providing essential survival gear for quick and safe evacuation. The GlobalFix V6 features advanced technologies such as Return Link Service (RLS), Near Field Communication (NFC) for mobile app connectivity, and multi-constellation GNSS for enhanced accuracy and faster location acquisition.



Figure 1: ACR GlobalFix V6 EPIRB with RapidDitch Express Bag.

2. KEY FEATURES

- **GlobalFix V6 EPIRB (Cat. 2):** Offers reliable emergency signaling without a subscription, ensuring quick rescue in critical marine situations. Safe, simple, and effective.
- **Return Link Service (RLS):** Provides SOS confirmation, ensuring distress signals are received. This offers reassurance and accuracy through GNSS/GPS tracking for swift rescue.
- **NFC Antenna Integration & Mobile App:** Offers seamless connectivity, enabling fast data transfer, enhanced user experience, and convenient interaction with smart devices for diagnostics.
- **Multi-Constellation GNSS:** Utilizes both Galileo GNSS and GPS Satellite Network for faster location acquisition and improved accuracy.

- **RapidDitch Express Abandon Ship Bag:** Provides essential survival gear for emergencies, ensuring quick and safe evacuation with easy-to-access, compact, and durable equipment. Designed to keep essentials afloat and easily accessible.

Video Overview: GlobalFix V6 EPIRB

Video 1: An overview of the ACR GlobalFix V6 EPIRB, highlighting its primary functions and benefits.

3. WHAT'S IN THE BOX

Your ACR GlobalFix V6 EPIRB with RapidDitch Express Bag package includes the following items:

- ACR GlobalFix V6 EPIRB
- RapidDitch Express Bag

Unboxing Video: GlobalFix V5 (Similar to V6)

Video 2: This video demonstrates the unboxing process for the GlobalFix V5, which has similar components and packaging to the V6 model.

4. SETUP

4.1 EPIRB Registration

Before use, it is mandatory to register your EPIRB with the appropriate national authority (e.g., NOAA in the USA). This ensures that rescue services have your contact information and emergency details when your beacon is activated. Complete the provided EPIRB Registration Form and submit it as instructed.

4.2 Mounting the EPIRB

The GlobalFix V6 EPIRB comes with a Category 2 manual release bracket. Use the provided mounting screws and template to securely install the bracket in an easily accessible location on your vessel, ensuring the EPIRB can be quickly deployed in an emergency.





Figure 2: The ACR GlobalFix V6 EPIRB securely placed in its manual release bracket, ready for deployment.

4.3 Mobile App Connection (NFC)

The GlobalFix V6 features NFC technology for easy connection to a mobile app. This allows you to check beacon status, battery life, and perform self-tests directly from your smartphone.

1. Download the official ACR mobile app from your device's app store.
2. Enable NFC on your smartphone.

3. Tap your smartphone against the NFC antenna area on the EPIRB to establish a connection.
4. Follow the app's instructions to view diagnostics and perform tests.



Figure 3: A user interacting with the ACR mobile app on a smartphone, connected to the GlobalFix V6 EPIRB via NFC for diagnostics.

5. OPERATING INSTRUCTIONS

5.1 Activating the EPIRB in an Emergency

In a life-threatening emergency, activate the EPIRB immediately. Follow these general steps:

1. Remove the EPIRB from its bracket.
2. Extend the antenna fully.
3. Follow the activation instructions printed on the beacon itself. This typically involves breaking a tab and pressing an activation button.
4. Ensure the EPIRB has a clear view of the sky for optimal satellite signal transmission.
5. If possible, keep the EPIRB afloat and upright.



Figure 4: The ACR GlobalFix V6 EPIRB positioned on a boat, ready to transmit a distress signal with its antenna extended.

5.2 Using the RapidDitch Express Bag

The RapidDitch Express Bag is designed to keep essential survival items organized and accessible during an emergency evacuation.

- Store all critical boating safety gear inside the buoyant bag.
- Keep the bag in an easily accessible location on your vessel.
- In an emergency, grab the bag and take it with you during evacuation. Its buoyant design will help keep your gear afloat.



Figure 5: The ACR RapidDitch Express Bag, designed to hold essential survival gear and remain buoyant in water.

6. MAINTENANCE

6.1 Battery Life

The GlobalFix V6 EPIRB is powered by 3 Lithium Metal batteries (included). The battery has a 5-year warranty. Regularly check the battery status via the mobile app or the beacon's self-test function.

6.2 Self-Test Procedure

Perform regular self-tests to ensure your EPIRB is functioning correctly. The mobile app provides detailed diagnostics after a self-test.

1. Ensure the EPIRB has a clear view of the sky.
2. Follow the self-test instructions on the device or via the mobile app.
3. A successful test will typically show a green LED and a "PASS" message on the display (if applicable) or in the app.

Video: ACR ResQlink Self-Test Guide (Similar Procedure)

Video 3: This video demonstrates the self-test procedure for ACR ResQlink beacons, which follows a similar process to the GlobalFix V6.

7. TROUBLESHOOTING

If your EPIRB fails a self-test or shows an error, consult the mobile app for specific diagnostic information. Ensure the device has a clear view of the sky during tests. If issues persist, contact ACR customer support.

8. SPECIFICATIONS

Feature	Detail
Model Name	RLB-43
Item Model Number	2343.1
Item Weight	6 pounds
Product Dimensions	18 x 12.5 x 9 inches
Batteries	3 Lithium Metal batteries (included)
Warranty	5 Years
Special Feature	Waterproof
Connectivity Technology	Near Field Communication
Map Type	Nautical
Mounting Type	Panel Mount
Date First Available	September 15, 2020

9. WARRANTY

The ACR GlobalFix V6 EPIRB comes with a 5-year warranty. For detailed warranty information and claims, please refer to the documentation included with your product or visit the official ACR website.

10. SUPPORT

For technical support, service, or any inquiries regarding your ACR GlobalFix V6 EPIRB, please contact ACR Electronics, Inc. directly:

ACR Electronics, Inc.

5757 Ravenswood Road, Ft. Lauderdale, FL 33312 USA

Website: www.acrelectronics.com

For commercial vessels, please note that specific regulations and registration requirements may apply. Refer to the Commercial Vessel Notice included with your product for more details.

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