

THE SCIENCE

ACR

OF SURVIVAL



# EPIRBs

MARINE DISTRESS BEACONS

ACR manufactures the most advanced Emergency Position-Indicating Radio Beacon (EPIRBs) in the industry. With 406 MHz technology, rescue is on its way.

ACR Electronics, Inc.  
P.O. Leander, Florida

# GlobalFix™ V4

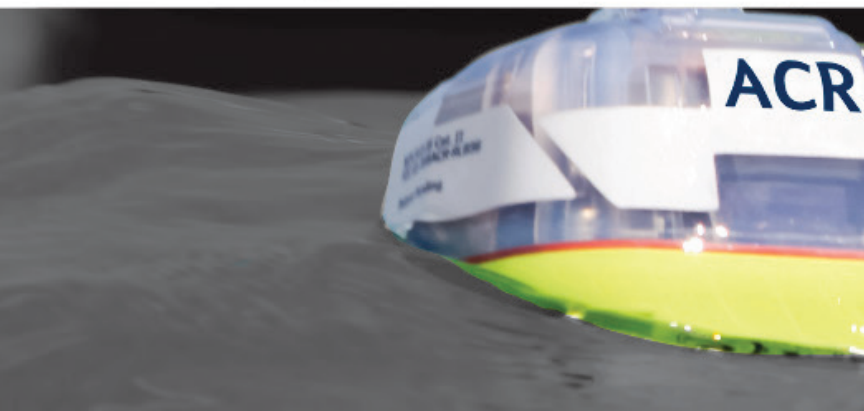
Drastically increase your chances of survival at sea with the multiple built-in redundancies of the GlobalFix™ V4 marine distress beacon. Upon activation, the GlobalFix™ V4's robust internal GPS accurately fixes your exact location, and your coordinates are broadcast via a powerful 406 MHz distress signal. A 121.5 MHz homing signal further guides searchers to your position. Additionally, the new user-replaceable battery has an impressive 10 year battery life which not only reduces overall ownership cost, but also makes replacement a breeze.



Category II Bracket



Category I Bracket



- 406 MHz/ 121.5 Homing
- 5 Watt Transmit Power



- 10 yr. User-Replaceable Battery
- 48 hr. Operational Life



Internal GPS



LED Strobe

# GlobalFix™ PRO

The next-generation GlobalFix PRO features a professional grade, 66-channel GPS receiver for faster location acquisition – typically 3 to 5 times faster than a conventional GPS from a cold start. Upon activation, the built-in GPS receiver transmits your position coordinates in a powerful 406 MHz signal along with your registered, digitally-coded distress signal and a 121.5 MHz SAR homing frequency. The 110-yd (100-m) GPS position accuracy is the optimum allowed by Cospas-Sarsat.

Category II Bracket



Category I Bracket



## COSPAS-SARSAT SYSTEM OVERVIEW



- 406 MHz/ 121.5 Homing
- 6.4 Watt Transmit Power



- 6 yr. Battery life
- 65+ hr. Operational Life



Internal GPS



LED Strobe

# GlobalFix™ iPRO

Simply put, the GlobalFix iPRO represents the absolute latest in EPIRB technology, including a first-of-its kind digital display screen and a unique dual GPS platform. The GlobalFix iPRO utilizes both a powerful internal GPS engine and an optical link to a shipboard GPS to ensure that accurate coordinates are acquired and quickly beamed to Search and Rescue satellites (typically within 2-15 minutes vs. up to an hour or more with a non-GPS system). High efficiency electronics and an ergonomic, compact design save a valuable commodity onboard – space!

Category II Bracket



Category I Bracket



## 3 Local User Terminal



## 4 Mission Control Center



## 6



## 5 Rescue Coordination Center



## << DIGITAL DISPLAY SCREEN >>



- 406 MHz/ 121.5 Homing
- 6.4 Watt Transmit Power



- 6 yr. Battery life
- 65+ hr. Operational Life



Dual GPS  
(Internal / Interface)



LED Strobe

# WHICH BRACKET IS BEST FOR YOU?

## CATEGORY I BRACKET (AUTOMATIC DEPLOYMENT)

A beacon in a Category I bracket automatically deploys and activates when a vessel sinks. The beacon floats free once the hydrostatic release is submerged at a depth of 1.5 to 4.0m (5 to 13ft.). The EPIRB can be manually activated while in its bracket or manually removed and activated.



## CATEGORY II BRACKET (MANUAL DEPLOYMENT)

A beacon in a Category II bracket is manually deployed. The EPIRB can be manually activated in or out of its bracket or will automatically activate when removed from its bracket and comes in contact with water.



## BRACKET FEATURE COMPARISON

EPIRBs have different categories which define which type of bracket the EPIRB uses.

	CAT. I	CAT. II
Bracket automatically deploys EPIRB when vessel sinks.	Yes	No
Contains a Hydrostatic Release Unit (HRU)	Yes	No
Built-in deactivation water sensor to prevent false alarms	Yes	Yes
Manual Activation of beacon while in bracket	Yes	Yes
Protects beacon from UV exposure	Yes	No

# SPECIFICATIONS

## GlobalFix™ V4

Product Number:

2830 Cat. I, Class 2

2831 Cat. II, Class 2

Model Number: RLB-41

Size: 8.13" x 4.28"

Weight: 27 oz (764 g)

Accessories:

SeaShelter™<sub>4</sub> Cat. I

Bracket (P/N 2832)

QuickDraw™ V4 Cat. II

Bracket (P/N 2833)

Cat. I HydroFix™ HRU

(P/N 9490.1)

## GlobalFix™ iPRO

Product Number:

2846.0 Cat. I, Class 2

2848.0 Cat. II, Class 2

Model Number: RLB-36

Size: 7.0 x 4.2 x 3.6"

Weight: 20.5 oz (581 g)

Accessories:

SeaShelter™<sub>3</sub> Cat. I

Bracket (P/N 9501)

LowPro™<sub>3</sub> Cat. II

Bracket (P/N 9502)

Cat I HydroFix™ HRU

(P/N 9490.1)

## GlobalFix™ PRO

Product Number:

2842 Cat. I, Class 2

2844 Cat. II, Class 2

Model Number: RLB-37

Size: 7.0 x 4.2 x 3.6"

Weight: 20.5 oz (581 g)

Accessories:

SeaShelter™<sub>3</sub> Cat. I

Bracket

(P/N 9501)

LowPro™<sub>3</sub> Cat. II

Bracket (P/N 9502)

Cat I HydroFix™ HRU

(P/N 9490.1)



ACR Electronics, Inc.  
5757 Ravenswood Road  
Fort Lauderdale, Florida 33312  
[www.ACRARTEX.com](http://www.ACRARTEX.com)

