# EPIRB2

EPIRB with AIS and Return Link Service

## Specification

Part Number: 702S-04217 / 702S-04447
Model Number: EPIRB2

**Activation**
Manual or Automatic when released into the water

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

**Buoyant**
Yes

**Size**
16.1" (H) x 3.5" (W) x 3.9" (D)
41.0 cm (H) x 9.0 cm (W) x 10.1 cm (D)

**Weight**
0.93 lbs (422 g)

**Operational Life**
>48 hours @ -20°C (-4°F)

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

**Waterproof**
Yes

**Battery**
Non-rechargeable Lithium Batteries

**Battery Replacement**
10 Years

**Warranty**
5 Years

**Approvals (Pending)**
Cospas-Sarsat, FCC, Canada, MED, AMSA

## Key Features

- Return Link Service Compatible
- GPS, Galileo, and Glonass
- MEOSAR Compatible
- Visible and IR Strobe
- Rugged and Waterproof
- 48 Hours of Operation
- 10 Year Battery Life

- Mobile App Connectivity
- Galileo Return Link Service Capable
- 406 MHz & 121.5 MHz Signals
- GMDSS/ SOLAS Approved

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


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# EPIRB2

EPIRB with Return Link Service

## Your worldwide link to emergency services

With the introduction of Return Link Service (RLS) technology and Near Field Communication (NFC) capabilities, the EPIRB2 provides significant advantages over its predecessors. RLS comforts those who activate the beacon by confirming that their distress message has been received and the inclusion of NFC capability allows use of a smartphone app to monitor the EPIRB's battery and other functions ensuring it is working properly.

The innovative new features of the EPIRB2 make it an excellent choice for a wide variety of marine applications specific to both recreational and commercial vessels.


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# EPIRB2

## Emergency Position Indicating Radio Beacon with RLS

### Your worldwide link to emergency services

In developing the EPIRB2, Ocean Signal has drawn on its substantial experience in designing and producing high quality, feature packed EPIRBs utilizing a conveniently compact form factor. Employing multiple levels of integrated signaling technology including 406 MHz, GNSS (GPS, Galileo, Glonass) positioning, and a 121.5 MHz homing signal, the EPIRB2 effortlessly guides search and rescue forces to your location. The addition of Return Link Service (RLS) technology and Near Field Communication capability round out the impressive feature set of the EPIRB2.


### Convenient Return Link Service (RLS)

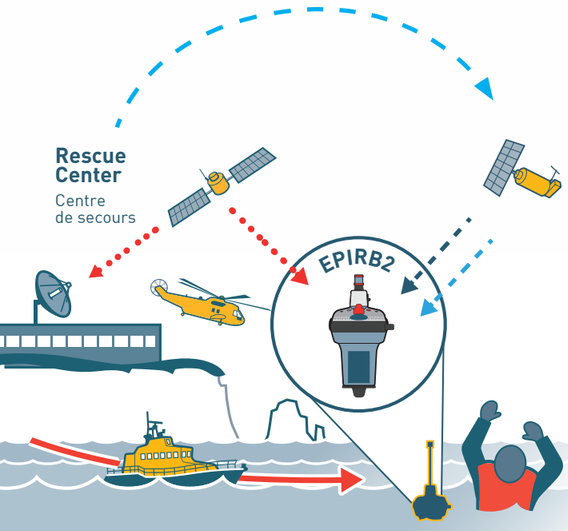
**Tells users that their distress call has been received.**

The inherent stress associated with a maritime emergency situation is a challenging symptom that all boaters unfortunately have to deal with should they find themselves in a distress scenario. Fortunately, the inclusion of the RLS feature in the EPIRB2 provides a means of minimizing the stress in such situations. RLS provides a direct-to-beacon confirmation letting the user know that their distress message has been received and their location detected. The indication of RLS functionality is represented by a distinctive blue light, making it simple for users to ascertain exactly when the RLS confirmation is received.

Ocean Signal prides itself in continuing to offer new and exciting features such as RLS and NFC as it maintains its goal of offering the highest quality innovative safety products. Regardless of the reason for your next voyage, or your chosen destination, guarantee your safety with carriage of the EPIRB2.

### Global Coverage via the Cospas-Sarsat Satellite Network

**Connecting you with a world-wide rescue network**




Harnessing the global reach of the Cospas-Sarsat Satellite Network, the EPIRB2 can be activated anywhere, at any time, and will transmit your 406 MHz distress message. The distress transmission includes beacon coordinates that are derived from the EPIRB's integrated GNSS receiver and are accurate to within 100 meters.

RLS provides reassurance for users by sending a return signal through the Galileo satellite network directly back to the beacon to confirm that the distress message has been received and the beacon location has been detected. User confirmation is distinctly indicated by a flashing blue light.

## EPIRB2: How does it work?

EPIRB3: Comment ça marche?

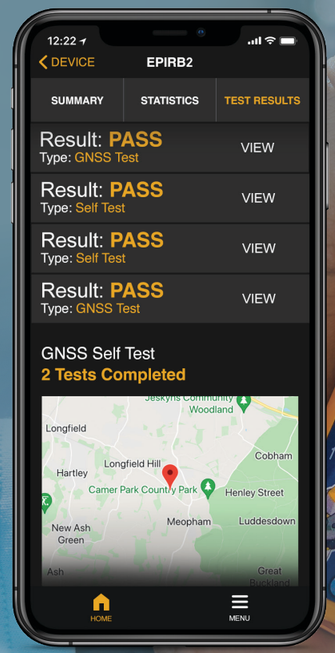
- **406 MHz Signal** / Signal 406 MHz
- **GNSS Signal** / Signal GNSS
- **Galileo RLS Signal** / Signal RLS

### Smartphone Connectivity utilizing Near Field Communication

**Provides EPIRB diagnostics using a smartphone.**

The integration of NFC technology provides users with the ability to conveniently access beacon data from their mobile phone. The simple act of placing a phone near the beacon automatically opens the Ocean Signal Product App and provides access to a wealth of usage data including current battery life, the number of self-tests completed, number of GNSS tests completed, and if applicable, the amount of time that the beacon has been activated.

Detailed information on each self-test and GNSS test performed by the beacon is also available. Information that is accessible for each successful GNSS test includes access to a map showing exactly where the test was performed, the date and time of the test, the time it took the beacon to get a GNSS coordinate fix, the number of satellites the beacon used to obtain that fix, and the accuracy of the location.





### Manual Mounting Bracket

The EPIRB2 comes complete with a Category two manual release mounting bracket. This bracket securely stores the EPIRB3 for the duration of your trip regardless of the conditions experienced throughout. It also provides a quick release so the EPIRB can swiftly and easily be removed when needed.

Ocean Signal uses advanced technology and quality manufacturing processes to develop and produce quality electronic rescue devices and other life-saving products. The new EPIRB2 with its contoured profile is equally suited for both sail and powerboats. Both recreational and commercial users can be assured that the features in this new EPIRB provide the highest chance of an efficient and successful rescue no matter where they go. A host of high-tech features in the EPIRB2 combine with a unique design that allow it to be used effectively on all types of vessels whether working or playing near shore, offshore, or crossing the globe.