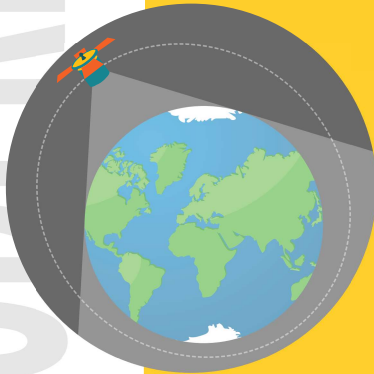


RELIABLE, MODERN AND SIMPLE

World's First Automatic Float Free EPIRB without HRU



Meet the world's first and only EPIRB with float-free activation, achieved without an external Hydrostatic Release Unit (HRU). Eliminate the need for an HRU, which requires frequent replacement and renewal. Fulfill your EPIRB supply needs quickly, without requiring additional accessories.



The technology we have developed enables distress calls worldwide, including in polar regions. Our Emergency Beacon device, designed in compliance with the latest maritime and environmental standards, promises to operate properly and save human lives, even in an electronic warfare environment.

Thanks to our patented solution, you will finally get rid of the external Hydrostatic Release Unit, which is frequently replaced during port inspections and repairs. You will be able to prevent potential delays and financial losses. The Pharos EPIRB w/AIS PH7001 features an integrated subsystem—based on an entirely electronic solution—that enables float-free activation. Furthermore, our product also possesses the following technical advantages:



- EPIRB programming via a mobile application using NFC (Completely free and adapter-less)
- A design that prevents unauthorized battery replacement
- A smart system capable of detecting Jamming and GPS Spoofing

Will your ship pass the mandatory in-port Radio Survey inspection on time?

To ensure you can successfully pass the initial and annual renewal surveys mandated by the International Maritime Organization (IMO) for maritime vessels without delay, we stand by you with our EPIRB product, which is designed according to the most current standard (Type Approval MED/5.6 Module B + D).

With our EPIRB, you will, for the first time, no longer need the Hydrostatic Release Unit (HRU)—an additional accessory that frequently causes problems during inspections. Our EPIRB achieves float-free activation through its patented subsystem, which is based on an entirely electronic solution.



Smart EPIRB technology capable of detecting Jamming and GPS Spoofing

In maritime areas with heavy military operations, Jamming and GPS Spoofing are among the most common warfare techniques today. An EPIRB providing false location data hinders search and rescue efforts. Our EPIRB, with its CVVsmart GNSS Receiver system feature, is capable of detecting Jamming and Spoofing attacks. Our EPIRB, which strives to provide resiliently accurate location data, guarantees that it will not provide false location data in the distress signal it transmits.

Would you like to program your EPIRB for free, anytime and anywhere, right from your mobile phone?

Unlike other products on the market, you don't need to waste time and money on EPIRB programming—a service that can often only be done by the manufacturer or requires a costly adapter. Our EPIRB can be programmed easily and for free using our licensed, NFC-based mobile application, which we have designed for Android and iOS smartphones.

Smart EPIRB that prevents unauthorized battery replacement

Battery replacements not performed by authorized dealers or manufacturer-approved services can cause EPIRBs to fail to operate as expected. Our EPIRB, with its smart design solution integrated with the mobile application, can detect unauthorized battery replacement and lock itself. Our EPIRB—which strives to prevent even the slightest human error with its smart design and is capable of operating reliably for many years—is at your service.

Frequency Channels	406,076MHz - Satellite Distress Signal 121.5 MHz - Homing Signal 161.975 MHz and 162,025 MHz -AIS
Transmission Power	5 W (38 dBm EIRP) – Distress Signal 50 mW (17 dBm EIRP) – Homing Signal 1 W (30 dBm EIRP) – AIS
Transmission Duration	48 hours
Gps Receiver?	Yes, multi-constellation receiver with anti-jamming and GPS spoofing detection features
AIS Feature?	Yes
Battery	LiFeS ₂ battery configuration
Battery Lifecycle	10 - years
Temperature	Operation: -20 to 55 °C Storage: -55 to 85 °C Class-II Emergency Beacon
Weight	800g
Dimensions	17.7x10.8x10.8 cm
Float Free?	Yes, Category – I EPIRB with hydrostatic release coverage