

AQUAFIX™ 406

GPS PERSONAL LOCATOR BEACON //

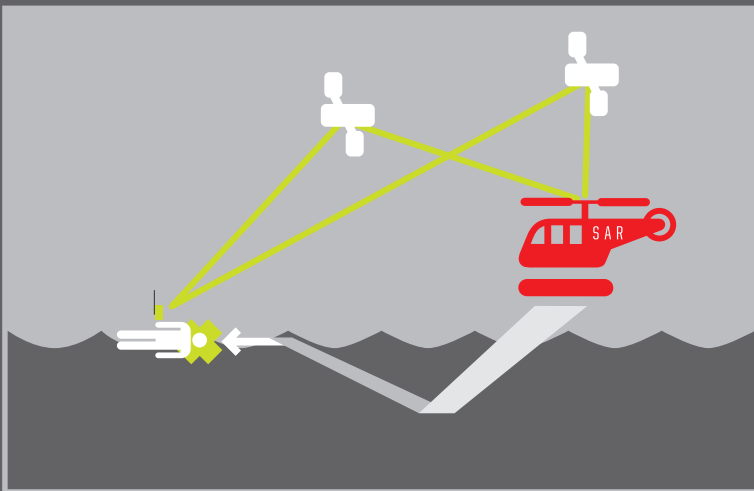
Accidents happen every day on the water, whether your boat goes down, man overboard, or a storm has left your boat incapacitated. On the water, an everyday accident instantly can become a life threatening situation if you are not prepared.

Why wait days being stranded in the hopes that someone will find you? Put the power in the palm of your hand with the AquaFix™ 406 GPS PLB. Now you can turn that life threatening situation into a successful rescue story.

It's as easy as pushing a button, and with an internal GPS receiver (P/N 2797.4NH) the AquaFix™ will acquire your GPS position and transmit it along with your personalized identifier code through the COSPAS-SARSAT satellites instantly alerting SAR forces that you need help, immediately!

The AquaFix™ works fast, if GPS data is present in the beacon's first burst, SAR forces can be notified and start planning your rescue in as little as three minutes.

Be Responsible, Be Prepared, Be Safe.



THE SCIENCE OF SURVIVAL

ACR
ELECTRONICS

COBHAM

AQUAFIX™ 406 GPS PERSONAL LOCATOR BEACON //

- // Transmits on 406 MHz via COSPAS-SARSAT satellite system with your registered unique, digitally coded distress signal and 121.5 MHz SAR local homing frequency
- // Onboard GPS (P/N 2797.4NH) acquires LAT/LON when the unit is activated, your LAT/LON is transmitted as soon as acquired providing rescue agencies with your exact position to within 100 meters (110 yards)
- // GPS interface (NMEA 0183) allows you to download your GPS coordinates from a hand-held GPS receiver into your PLB, when activated; your LAT/LON will accompany your 406 MHz signal on the first burst, dramatically saving valuable time for your distress message to reach local rescue centers
- // Easily carried in a pack or on a life jacket; small enough to wear on deck by yachting racers, crew, solo cruisers, or any marine enthusiast
- // Removable holster provides functionality, style and protection for your PLB; holster allows for multiple mounting options on backpacks, webbing, and life vests
- // Full functional self test of internal circuitry, battery power, 406 MHz transmission, and GPS acquisition (P/N 2797.4NH)
- // Flat, stainless steel antenna wraps compactly around the unit for easy stowage; is easily positioned when needed
- // Floats to avoid loss if dropped in water, exceeds RTCM waterproof requirements

Specifications

Part Number	2797.2NH GPS Interface 2797.4NH GPS Interface and Onboard GPS
Size	1.74 x 5.71 x 3.03 in (4.4 x 14.5 x 7.7 cm)
Weight	12 oz. (343 g) w/o holster; 13.3 oz. (378 g) with holster
Battery	Class 2 (non-hazmat) lithium battery packs 5 year replacement life (11 year storage)
Material	Engineered resilient impact polymer
Color	Hi-viz ACR-treuse™ with blue holster
Storage	-40° F to 158° F (-40° C to 70° C)
Deployment	Manual
Activation	Manual
Operation	Deploy antenna, press both test buttons simultaneously
Waterproof	16 ft. (5 m) @ 1 hour, 33 ft. (10 m) @ 10 min., factory tested @ 70° F (21° C). Exceeds RTCM waterproof requirements
Radiated Power	5 watts +/- 2dB (406 MHz)/50 mW +/- 3dB (121.5 MHz)
Operational Life	Exceeds required 24 hrs @ -4° F (-20° C)
Typical Performance	36 hrs @ -4° F (20° C), 20 hrs @ -40° F (-40° C)
Accessories	PLB holster, GPS interface cable, bulkhead mount
Certification	COSPAS-SARSAT, Europe, Canada, and FCC
Warranty	5 years
Patent	U.S. Patent No. 6,501,340
Lead Free	Yes



Did You Know...

406 MHz technology has been around since 1982 and is credited with saving over 24,500 lives worldwide

In 2007, of the 130 incidents in the US, 353 people are alive, thanks to the COSPAS-SARSAT system

Registration...

It is mandatory that you register your PLB. It's fast, easy and free www.beaconregistration.noaa.gov

When activated, the unique identification code in your PLB is linked to the registration database. This way authorities can retrieve valuable information about you and your trip

Responsible Use...

The AquaFix™ is a satellite signaling device of last resort, for use when all other means of self rescue have been exhausted, where the situation is grave and imminent loss of life, limb, eyesight, or valuable property will occur without assistance

