

# AquaFix™ 406



## GPS Personal EPIRB

Product No.: 2797.2 GPS Interface only

Product No.: 2797.4 GPS Interface & Onboard GPS

Model No.: PLB-201/200

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 every day 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 Personal EPIRB. 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 2797.4 only), the AquaFix™ will acquire your GPS position and transmit it along with your personalized identifier code through the 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.



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**COBHAM**  
Avionics & Surveillance

ACR Electronics, Inc. is registered by UL to ISO 9001: 2000



**GPS Personal EPIRB**

### *Did you know...*

406 MHz technology has been around since 1982 and is credited with saving over 20,500 lives worldwide.

In 2005, 1,666 people in 435 incidents are alive thanks to the SARSAT system.

### *Registration...*

It is mandatory that you register your P-EPIRB (its fast, easy & free).

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

[www.beaconregistration.noaa.gov/](http://www.beaconregistration.noaa.gov/)

### *Responsible use guide...*

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 and the loss of life, limb, eyesight or valuable property will occur without assistance.

U.S. Patent No. 6,501,340

### Product Details

- ▶ Transmits on 406 MHz via the COSPAS-SARSAT satellite system with your registered unique, digitally coded distress signal and 121.5 MHz (SAR local homing frequency).
- ▶ Onboard GPS (P/N 2797.4 only) 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 P-EPIRB; 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.
- ▶ Smallest and most functional P-EPIRB available so it can be 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 P-EPIRB; 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 2797.4 only).
- ▶ 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.

<b>Size:</b>	1.74 x 5.71 x 3.03 in (4.4 x 14.5 x 7.7cm)
<b>Weight:</b>	12 oz. (343 g) w/o holster; 13.3 oz. (378 g) with holster
<b>Waterproof:</b>	5m (16ft) @ 1 hour, 10m (33ft) @ 10 min., factory tested @ 21°C (70°F). Exceeds RTCM waterproof requirements
<b>Operational Life:</b>	In excess of 24 hours @ -20°C (-4°F), longer in higher ambient temperatures
<b>Typical Performance:</b>	36 hours @ -20°C (-4°F), 20 hours @ -40°C (-40F)
<b>Batteries Type:</b>	Two lithium battery packs (2,500 mAmp Hours @ -20°C, 5 year replacement life (11 year storage)
<b>Storage Temp:</b>	-40°C to +70°C (-58°F to +158°F)
<b>Radiated Power:</b>	5 watts ± 2dB (406MHz) / 50 mW ± 3dB(121.5 MHz)
<b>Material:</b>	Engineered resilient impact polymer
<b>Color:</b>	Chartreuse with blue holster
<b>Deployment:</b>	Manual
<b>Operation:</b>	Deploy antenna, press both test buttons simultaneously
<b>Accessories:</b>	PLB holster, GPS interface cable, bulk head mount
<b>Certification:</b>	FCC Approved (Model :PLB-200/201)
<b>Limited Warranty:</b>	5 years