



## FastFind 220™ Personal Locator Beacon

Your personal connection to the global 406 MHz satellite search and rescue system.

Explore the world with peace of mind. If you find yourself in a remote area without any other form of emergency distress communication, activating your FastFind 220 satellite PLB will summon emergency assistance.

Accelerated  
Location Detection  
with GPS & Galileo  
receivers





## FastFind 220 Personal Locator Beacon

FastFind 220 Personal Locator Beacon (PLB) uses advanced technology and was the world's first PLB to offer accelerated location detection with both GPS and Galileo GNSS receivers. Using the dedicated 406 MHz distress frequency, FastFind 220 sends its unique ID number and GNSS geographical location to the global network of Cospas Sarsat search and rescue satellites.

Packed into a simple, compact and lightweight unit, the FastFind 220 PLB will slip into the smallest pocket or backpack compartment. FastFind 220 can be carried as a last resort safeguard against any life-threatening incidents that may occur anywhere in the world. Whether alone or within a group, on holiday, at work, carrying out your sport or hobby, if you ever find yourself in a remote area, without any other form of communication, the FastFind range of PLBs come into their own.

Once activated, FastFind 220 transmits its unique identification signal and current geographical position via the 406 MHz international search and rescue satellite system operated by Cospas Sarsat. Within minutes, search and rescue professionals are alerted to your situation and receive regular position updates.

The Fast Find range is subscription free and does not rely on commercial call centres.



## FastFind 220 could save your life!

FastFind gives you:

- Mini size, MIGHTY emergency signal(s)
- Simple three stage activation, easy to use
- Comprehensive confidence Self-Test features
- Peace of mind to take your next step into adventure!

FastFind 220 has worldwide coverage and ensures that at your time of greatest need you can connect directly with search and rescue professionals.

## Features

- Floats with buoyancy pouch (included)
- GPS & Galileo GNSS Receivers
- No subscription fees
- Simple three-stage activation incorporating;
  - Safe-stow antenna
  - AAD (Accidental Activation Deterrent)
  - DADS (Discreet Antenna Deployment System)
- 6 year battery storage life\*
- Waterproof to 10m
- SOS Morse code LED flashlight

## Once activated, FastFind 220 transmits two distress signals simultaneously

For a minimum of 24 hours continuous operation

### 406 MHz

Professional global emergency service

### 121.5 MHz

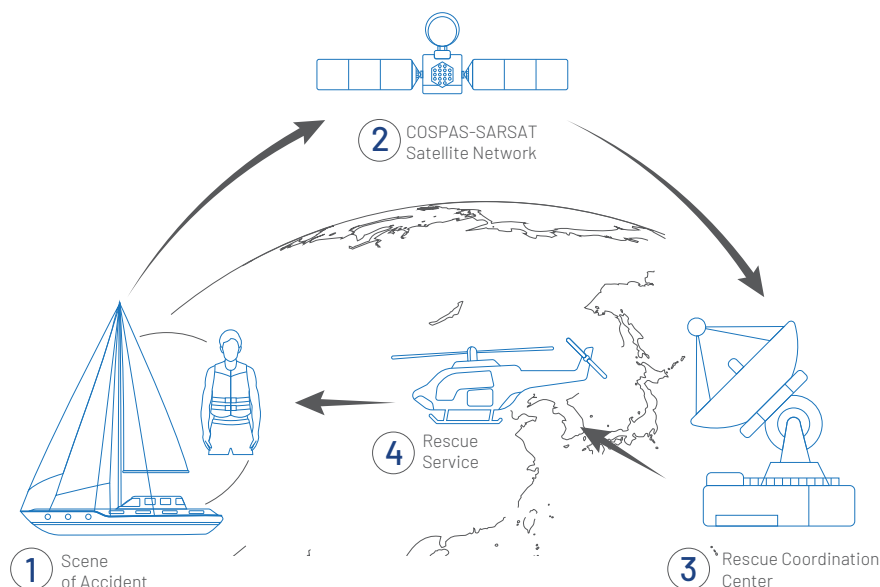
Homing signal to speed up local recovery

Also, while the PLB is activated, pressing the on button again will cause the indicator light to flash a Morse code SOS pattern to attract attention to further assist in speeding up your recovery during nighttime rescues.

\*From date of manufacture

## How PLBs work

When activated, FastFind 220 PLB transmits a unique serialized ID to the Cospas-Sarsat MEOSAR satellite system which can pinpoint your location anywhere on the earth's surface. This is typically within minutes, depending on satellite coverage at the time and a clear view of the sky. The Rescue Coordination Centre (RCC) then forwards the details of the emergency to the appropriate local Search and Rescue (SAR) services.



Waterproof and fully submersible to 10 meters, the FastFind 220 features an inbuilt GNSS (GPS and GALILEO) receiver that can pinpoint your location to within a few meters. The unit's secondary 121.5 MHz homing transmitter enables SAR teams to home in on your exact location once they are in the vicinity. The unit also features a flashing SOS light which can be used to attract attention.

The lithium power cell offers a minimum 24 hours continuous operation and a 6-year battery storage life\*.

Designed for both marine enthusiasts and global adventurers alike, each FastFind 220 PLB comes with a buoyancy aid and belt pouch

**Accessories** included with the FastFind 220 PLB are:

- A buoyancy aid (float pouch)
- A neck lanyard
- A universal belt pouch



### FastFind PLB models available

- **FastFind 220 PLB**, ships with buoyancy aid and universal belt pouch.
- **FastFind RLS PLB**, with Galileo Return Link Service (RLS) re-assurance signal, ships with buoyancy pouch and PPE mounting clips
- **FastFind Ranger PLB**, optimised for land users, ships with universal belt pouch.

\*From date of manufacture

## FastFind 220 PLB Specifications

<b>Standards</b>	Cospas-Sarsat T.001/T.007 class2, RTCM 11010.2, ETSI EN 302152-1,, AS/NZS 4280.2, NSS-PLB11
<b>Sealing depth</b>	Immersion to 10m (30ft) for 5 mins
<b>Operating temperature</b>	-20 to +55°C (-4 to +131°F)
<b>Storage temperature</b>	-30 to +70°C (-22 to +158°F)
<b>Altitude</b>	12,192m (40,000ft)
<b>Buoyancy</b>	Category 2, will not float (keep in buoyancy pouch provided)
<b>Battery type</b>	Lithium Manganese
<b>Transmit duration</b>	> 24 hours @ -20°C (-4°F)
<b>Battery life (storage)</b>	6 years from date of manufacture
<b>Battery replacement</b>	Service centre
<b>Battery Use</b>	Logged by microprocessor
<b>Frequency</b>	406.031 MHz (alert) / 121.5 MHz (homer)
<b>Power</b>	5W (alert) / 50mW (homer) nominal
<b>Unique ID Number</b>	Factory or dealer programmed
<b>GNSS Receiver</b>	GPS(L1)+GALILEO(E1), 72 channel, ceramic patch antenna
<b>Size (D x W x L)</b>	34 x 47 x 106mm (1.34 x 1.85 x 4.17in)
<b>Weight</b>	152g (5.36oz)
<b>Indicator Light</b>	High brightness LED signal light
<b>SOS flash light</b>	Morse code SOS flash pattern, 30 operations
<b>Activation</b>	Manual, three stage
<b>Self-test</b>	Tests transmitters, battery and light
<b>Warranty</b>	1 year (+ 4 years with online registration)
<b>Part Number</b>	91-001-220A-C FastFind 220

This PLB will not float unless held in the buoyancy pouch provided. A PLB is not an ELT or an EPIRB and does not meet the regulatory requirements for an ELT or an EPIRB.