

EPIRBs, PLBs, SART**Satellite2 406™**

Product no. 2774

Category I (Automatically deployable) 406 MHz EPIRB model no. RLB-32 CAT I

Application: commercial ships (to comply with GMDSS), serious boaters

- Fully enclosed polyethylene container bracket withstands extremely abusive environments
- Hydrostatic release automatically deploys EPIRB if vessel sinks at approximately 4 m, 2 year replacement life
- One button for testing and activation
- Built-in water sensor
- To be programmed with ships number (MMSI, Radio Call sign, serial no.)
- 5-year replacement life lithium battery

- Size : 44.5 x 15.4 x 14.0 cm
- Weight : 2 kg
- Approvals : GMDSS, SOLAS, European MED, USCG

EPIRBs, PLBs, SART**Satellite2 406™**

Product no. 2775

Category II (Manually deployable) 406 MHz EPIRB Model no. RLB-32 Cat II

Application: non-commercial ships

- World's smallest 406 MHz EPIRB approvable worldwide
- Built-in strobe for enhanced location in poor visibility conditions
- Single, three-position switch for easy test and operation
- Transmits on 406 MHz with your registered, digitally-coded distress signal (MMSI, Radio Call sign, serial no), and 121.5 MHz
- Can be manually activated
- Built-in watersensor
- Exclusive, polycarbonate blend designed for maximum resistance to UV, chemicals, extreme temperatures and shock
- Field programmable – built-in vessel code can be reprogrammed by any ACR Authorized Service Center worldwide
- Size : 11.5 x 13.0 x 21.0 cm
- Antenna : 18.8 cm
- Weight : 1 kg
- Approvals : SOLAS, European MED, USCG
- Delivered with LowPro2 bracket (Product no. 9430)

EPIRBs, PLBs, SART**RapidFix™ 406**

Product no. 2776

Category I (Automatically deployable) 406 MHz EPIRB with GPS Interface Model no. RLB-33 CAT I

Application: commercial ships (GMDSS) and serious boaters

- Fully enclosed polyethylene bracket
- Hydrostatic release automatically deploys EPIRB if vessel sinks
- GPS Interface – optical data interface via Infrared diode (NMEA 0183); transmits your exact GPS LAT/LONG coordinates through GEOSAR satellite system allowing SAR to respond at once
- GPS coordinates confirmed by flashing LEDs
- Water activation – unit transmits when out of bracket and in contact with water
- 5-year replacement life lithium battery
- Size : 44.5 x 15.8 x 14.0 cm
- Weight : 2 kg
- Approvals : GMDSS, SOLAS, European MED, USCG

EPIRBs, PLBs, SART**RapidFix™ 406**

Product no. 2777

Category II (manually deployable) 406 MHz EPIRB with GPS Interface
Model no. RLB-33 CAT II

Application: non-commercial ships

- GPS Interface – optical data interface via Infrared diode (NMEA 0183); transmits your exact GPS LAT/LONG coordinates through GEOSAR satellite system allowing SAR to respond at once
- World's smallest 406 MHz EPIRB approvable worldwide
- Single, three-position switch for easy test and operation
- GPS coordinates confirmed by flashing LEDs
- Transmits on 406 MHz with your registered, digitally-coded distress signal (MMSI, Radio Call sign, serial no), and 121,5 MHz
- Can be manually activated
- Exclusive, polycarbonate blend designed for maximum resistance to UV, chemicals, extreme temperatures and shock
- Water activation – unit transmits when out of bracket and in contact with water
- Size : 11.5 x 13.0 x 21.0 cm
- Antenna : 18.8 cm
- Weight : 1 kg
- Approvals : SOLAS, European MED, USCG
- Delivered with LowPro2 bracket (Product no. 9430)

EPIRBs, PLBs, SART**GlobalFix™ 406**

Productno. 2742

Category I (automatic deployable) 406 MHz EPIRB with integral GPS
Model no. RLB-35 CAT I

Application: commercial ships (to comply with GMDSS), serious boaters

- Upon activation it transmits the 406 MHz signal as any 406 EPIRB does and will continue to do so as long as the EPIRB is on. The internal GPS begins to acquire coordinates. As soon as it gets a fix, which can take up to 15 or 20 minutes, the LAT/LONG coordinates are incorporated in the 406 MHz signal. The LAT/LONG coordinates are updated every 20 minutes.
- Single, three-position switch for easy test and operation
- Transmits on 406 MHz with your registered, digitally-coded distress signal (MMSI, Radio Call sign, serial no), and 121,5 MHz
- Can be manually activated
- Fully enclosed, high density, UV stabilized polyethylene bracket, with hydrostatic release
- Water activation – unit transmits when out of bracket and in contact with water
- 5-year replacement life lithium battery
- Size : 44.5 x 15.8 x 14.0 cm
- Antenna : 18.8 cm
- Weight : 2 kg
- Approvals : GMDSS, SOLAS, European MED, USCG

EPIRBs, PLBs, SART**GlobalFix™ 406**

Product no. 2744

Category II (manual deployable) 406 MHz EPIRB with integral GPS
Model no. RLB-35 CAT II

Application: non-commercial ships

- Upon activation it transmits the 406 MHz signal as any 406 EPIRB does and will continue to do so as long as the EPIRB is on. The internal GPS begins to acquire coordinates. As soon as it gets a fix, which can take up to 15 or 20 minutes, the LAT/LONG coordinates are incorporated in the 406 MHz signal. The LAT/LONG coordinates are updated every 20 minutes.
- Single, three-position switch for easy test and operation
- Transmits on 406 MHz with your registered, digitally-coded distress signal (MMSI, Radio Call sign, serial no), and 121,5 MHz
- Can be manually activated
- Water activation – unit transmits when out of bracket and in contact with water
- Size : 22.5 x 12 x 9 cm
- Antenna : 18.8 cm
- Weight : 1 kg
- Approvals : GMDSS, SOLAS, European MED, USCG
- Delivered with LowPro2 bracket (Product no. 9430)

EPIRBs, PLBs, SART

GlobalFix™ iPro, Cat I
406 MHz GPS EPIRB with Digital Display and Dual GPS Technology

Product no. 2846

The all new GlobalFix™ iPRO Emergency Position Indicating Radio Beacon (EPIRB) is the next generation in marine safety electronics. The GlobalFix™ PRO is a breakthrough product that boasts a digital display and dual GPS technology.

GlobalFix™ iPRO sports a digital display that allows you to see all of the beacon's operational activities. The screen displays GPS LAT/LON, operating instructions, usage tips, transmission bursts as well as battery power.

The GlobalFix™ iPRO is also the first EPIRB that offers Dual GPS Technology. Interface your iPRO to your onboard GPS to ensure that your LAT/LON is stored inside so the coordinates are transmitted in the first data burst. iPRO's internal GPS is optimized for cold starts and is tested and refined at ACR's GPS Simulation Center so that it will pin-point your exact location faster than standard GPS enabled EPIRBs.

- GlobalFix™ iPRO offers the very latest in marine electronic life saving technology:
- Highly visible LED strobe - Energy efficient
- High efficiency electronics - Performance you can count on
- Non-hazardous batteries - No shipping hassles
- Professional grade design - Engineered, tested and built for years of abusive marine use
- Ergonomic, compact design; Smallest feature rich EPIRB available

EPIRBs, PLBs, SART

GlobalFix™ iPro, Cat II
406 MHz GPS EPIRB with Digital Display and Dual GPS Technology

Product no. 2848

The all new GlobalFix™ iPRO Emergency Position Indicating Radio Beacon (EPIRB) is the next generation in marine safety electronics. The GlobalFix™ PRO is a breakthrough product that boasts a digital display and dual GPS technology.

GlobalFix™ iPRO sports a digital display that allows you to see all of the beacon's operational activities. The screen displays GPS LAT/LON, operating instructions, usage tips, transmission bursts as well as battery power.

The GlobalFix™ iPRO is also the first EPIRB that offers Dual GPS Technology. Interface your iPRO to your onboard GPS to ensure that your LAT/LON is stored inside so the coordinates are transmitted in the first data burst. iPRO's internal GPS is optimized for cold starts and is tested and refined at ACR's GPS Simulation Center so that it will pin-point your exact location faster than standard GPS enabled EPIRBs.

- GlobalFix™ iPRO offers the very latest in marine electronic life saving technology:
- Highly visible LED strobe - Energy efficient
- High efficiency electronics - Performance you can count on
- Non-hazardous batteries - No shipping hassles
- Professional grade design - Engineered, tested and built for years of abusive marine use
- Ergonomic, compact design; Smallest feature rich EPIRB available

EPIRBs, PLBs, SART**AquaFix™ 406**

Product No. 2797.4 AquaFix 406 GPS I/O P-EPIRB (Interface and onboard GPS)

Product No. 2797.2 AquaFix 406 GPS I P-EPIRB (GPS Interface only)

406 MHz GPS Personal EPIRB

Application: Marine use (yacht racers, crew, solo cruisers)

- Transmits on 406 MHz via the COSPAS-SARSAT satellite system with the registered unique, digitally coded distress signal and 121.5 MHz
- Onboard GPS acquires LAT/LON when the unit is activated, the LAT/LON are transmitted as soon as required providing the rescue agencies the exact position (within 100 meters and within 3 minutes of satellite reception)
- GPS interface (NMEA0183) downloads GPS coordinates from onboard GPS prior to activation; once activated the LAT/LON transmit on the first burst
- Smallest and most functional P-EPIRB available: 4.4 x 14.5 x 7.7 cm, 378 g with holster
- Two lithium batteries, 5 year replacement life
- Radiated power 5 Watts (406.028 MHz), 50 mW (121.5 MHz)
- Operational life +24 hours @ -20° C

EPIRBs, PLBs, SART

**ResQFix™ 406 PLB**

Product no. 2897

- Smallest (3.71 x 14.75 x 5.8 cm), lightest (285 g), most function-rich PLB alerts Search and Rescue to your precise location in an emergency.
- Transmits on 406 MHz (COSPAS-SARSAT) with your registered, unique, digitally-coded distress signal, and 121.5 MHz (SAR homing frequency).
- Exclusive built-in GPS technology is finely tuned for optimum performance.
- 100 meter position accuracy when GPS coordinates are present.
- Easy to activate by novice user, simply deploy antenna to reveal "ON/OFF" activation button, hold for 1 second.
- PLB has circuitry, battery power/voltage and GPS acquisition test features built in.
- Exceeds required 24 hour operating life at -20°C (-4°F), typical operating life: 40 hours @ -20°C (-4°F), 8 hours @ -40°C (-40°F).
- Attachment clip mounts to back of PLB to easily clip onto backpacks, belt, webbing, etc.
- Bungee lanyard allows for PLB to be easily secured preventing loss, comfortable to wear around neck.
- Exceeds RTCM waterproof requirements for Category 2 (non- buoyant) PLBs, tested to 5 meters.
- High impact plastic case designed to withstand exposure to UV rays, oil, sea water and raft packing.
- 5-year limited warranty.
- 5-year replacement life lithium battery.

Operation:	Deploy antenna, Press "ON/OFF" button for 1 second
Waterproof:	10 m
Certification:	COSPAS-SARSAT, FCC
Modulation:	AM
Radiated Power:	5 watts +2dB (406 MHz) 50 mW +3dB (121.5)
Operating Life:	+24 hours @ -20°C
Typical Operating Life:	40 hours @ -20°C, 8 hours @ -40°C

EPIRBs, PLBs, SART

**MicroFix™ 406 PLB**

Product no. 2898

- Smallest (3.71 x 14.75 x 5.8 cm), lightest (285 g), most function-rich PLB alerts Search and Rescue to your precise location in an emergency.
- Transmits on 406 MHz (COSPAS-SARSAT) with your registered, unique, digitally-coded distress signal, and 121.5 MHz (SAR homing frequency).
- Exclusive built-in GPS technology is finely tuned for optimum performance.
- 100 meter position accuracy when GPS coordinates are present.
- Easy to activate by novice user, simply deploy antenna to reveal “ON/OFF” activation button, hold for 1 second.
- PLB has circuitry, battery power/voltage and GPS acquisition test features built in.
- Exceeds required 24 hour operating life at -20°C (-4°F), typical operating life: 40 hours @ -20°C (-4°F), 8 hours @ -40°C (-40°F).
- Attachment clip mounts to back of PLB to easily clip onto backpacks, belt, webbing, etc.
- Bungee lanyard allows for PLB to be easily secured preventing loss, comfortable to wear around neck.
- Exceeds RTCM waterproof requirements for Category 2 (non- buoyant) PLBs, tested to 5 meters.
- High impact plastic case designed to withstand exposure to UV rays, oil, sea water and raft packing.
- 5-year limited warranty.
- 5-year replacement life lithium battery.

Operation:	Deploy antenna, Press “ON/OFF” button for 1 second
Waterproof:	10 m
Certification:	COSPAS-SARSAT, FCC
Modulation:	AM
Radiated Power:	5 watts +2dB (406 MHz) 50 mW +3dB (121.5)
Operating Life:	+24 hours @ -20°C
Typical Operating Life:	40 hours @ -20°C 8 hours @ -40°C

EPIRBs, PLBs, SART**Mini B300™ ILS**

Product no. 2766 Miniature floating personal EPIRB with In-Line Speaker

Product no. 2767 Mini B300™ ILS H2ON Water activated version

Application: for man-overboard situations in combination with direction finder (e.g. ACR Vecta2™ Direction Finder, see next page)

- In-Line speaker emits audible warble to confirm activation and transmission of distress signal or to notify accidental activation
- Audio indication allows effective self-test
- User-replaceable common lithium battery (Duracell DL223A or equivalent) has 5 year replacement life
- Transmits on 121.5 MHz, not satellite detectable
- Stainless steel antenna folds for compact storage; extends for peak effective radiating power
- Operating life – 24 hours@ -20°C
- Dimensions: 12.7 x 7.4 x 4.1 cm
- Weight: 215 grams
- Approvals: Meets ETS 300 152 requirements; CE



Vecta3™ Direction Finder

Product no. 2869 (Vecta 3 direction finder)

Product no. 2871 (Complete kit with omni-directional antenna)

Crew-Overboard System with MiniB300 ILS

- The new Vecta™3 LCD Direction Finder locates distress beacons that have been activated due to an emergency, provided they emit a 121.5 MHz homing signal.
- Having a -117dbm sensitive receiver, the Vecta™3 provides unprecedented sensitivity. This enables the system to detect weak signals at a maximum range.
- Incorporating a 1.5" LCD screen for viewing and operating the system, the LCD user-interface is colorful and easy to learn. In addition, the Vecta™3 LCD is a transreflective display, which enables daylight viewing. During night use, the LCD screen provides backlighting for easy viewing.
- The operating system utilizes a menu to navigate throughout the various modes, making setup of the Vecta™3 more intuitive .
- Vecta™3 has four training frequencies, so no matter where you are in the world, you may choose a training channel that is appropriate for your region.
- Like all products from ACR, the Vecta™3 is rugged, having a body of stainless steel with collapsible PCB antennas.

EPIRBs, PLBs, SART**Pathfinder3 SART**

Product no. 2714

Survival Craft Radar Transponder for Search and Rescue Operations

Application: commercial ships to comply with GMDSS

- Unit transmits on 9.2 – 9.5 GHz (X-band)
- Vessel mounting bracket and collapsible pole
- Test mode allows testing of the transponder with visual and audible feedback
- Lithium battery, 5 year replacement life
- Operational life 96 hours in stand-by mode, more than 8 hours in operational mode
- Approvals: GMDSS, SOLAS, European MED, USCG

EPIRBs, PLBs, SART**LowPro2 bracket**

Product no. 9430

for ACR Cat II EPIRBs
product no. 2744, 2775 and 2777

**SeaShelter2 bracket**

Product no. 9435 / 9455

for ACR Cat I EPIRBs
product no. 9435 fits 2754, 2756, 2742
product no. 9455 fits 2774, 2776

- Magnetic deactivator is built-in to prevent false activation from inadvertent contact with water
- Material: UV stabilized polyethylene

EPIRBs, PLBs, SART**EPIRB Battery kits**

IMO MSC/Circ. 1040 requires Shore Based Maintenance of 406 MHz EPIRBs. This is required when the battery needs to be replaced. For ACR EPIRBs this is every 5 years.

Shore Based Maintenance requires maintenance, battery replacement and full testing of the EPIRB at an authorized service center.



- 1096 Battery (LiSO₂) for Satellite2 406 and RapidFix
- 1098 Battery (LiSO₂) for Satellite 406 and GlobalFix
- 1099.1 Battery ((LiSO₂) for AquaFix PLB-200/201
- 1100 Battery (LiSO₂) for ResQfix, MicroFix PLB-300

We operate an authorized programming and servicing facility for all EPIRBs and SARTs manufactured by ACR Electronics, Inc.