

# ACR RapidFix™ 406

406 MHz with GPS interface  
Emergency Position Indicating Radio Beacon



COBHAM

The Science of Survival



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RapidFix™ truly lives up to its name as the fastest self-locating beacon in the world, providing accurate emergency position data to Search and Rescue satellites within minutes instead of hours!

Optically interfaced with a vessel's GPS receiver, the RapidFix continuously updates and stores precise position data. When activated, "Instant-ON-GPS" technology immediately transmits coordinates to Cospas-Sarsat satellites along with a registered, digitally coded 406 MHz distress signal. A 121.5

MHz homing signal is activated and, with the RapidFix's incredible GPS position accuracy, the search area is reduced to several hundred yards instead of a general two-mile radius.

- // .05 nm (110 yds) GPS position accuracy
- // Flashing LED in optical interface confirms GPS data transmission
- // Full functional self-test including battery voltage and internal circuitry
- // Built-in strobe for enhanced location in poor

visibility

- // Single, three-position switch for easy test and operation

High Efficiency Electronics

Interfaces with External GPS via NMEA 0183

Audio/Visual Indicators of Active Transmission

Automatic Activation When out of Bracket and in Water

Marine Tough Design for Years of Useful Service

Made in the U.S.A.

Lead Free



SeaShelter™<sub>2</sub>  
Category I Bracket

LowPro™<sub>2</sub>  
Category II Bracket

Product Number	Category I: 2776 Category II: 2777.5
Model Number	RLB-33
Size (no antenna)	7.0 X 4.25 X 3.6" (17.8 X 10.8 X 9.2cm)
Weight	30.4 oz (862g)
Battery	Lithium batteries
Replacement	Five (5) years after beacon is placed into service, or after emergency use, whichever is first
Operational Life	48 Hours minimum @ -40°F (-40°C)
Typical Performance Life	70+ hrs. @ -4°F (-20°C); Longer in higher ambient temperature
Storage Temperature	-58°F to +158°F (-50°C to +70°C)
Material	High impact UV resistant polymer
Color	ACR-treuse™ (high visibility yellow)
Deployment	Category I-Hydrostatic release (auto) Category II-Manual release
Activation	Out of bracket and wet, or manually
Waterproof	33ft (10m) @ 10min, Exceeds RTCM requirements
Radiated Power	5 W +/-2dB (406.037 MHz) 50 mW +/-3dB (121.5 MHz)
Accessories	SeaShelter™ <sub>2</sub> (P/N 9455) LowPro™ <sub>2</sub> (P/N 9430) Cat I HydroFix™ HRU (P/N 9490)
Approvals	Cospas-Sarsat, FCC, MED, IC Acceptances: USCG Meets: GMDSS, RTCM, IEC, and IMO standards
Limited Warranty	5 years

It is mandatory that you register your EPIRB. It's fast, easy and free. In the U.S., go to [www.beaconregistration.noaa.gov](http://www.beaconregistration.noaa.gov). When activated, the unique identification code in your EPIRB is linked to the registration database. This way authorities can retrieve valuable information about you and your trip

The RapidFix™ 406 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

For further information please contact:

ACR Products  
Cobham Life Support  
5757 Ravenswood Rd.  
Fort Lauderdale, Florida 33312 U.S.A.  
Tel: 1-954-981-3333  
Fax: 1-954-983-5087  
[www.acrelectronics.com](http://www.acrelectronics.com)