

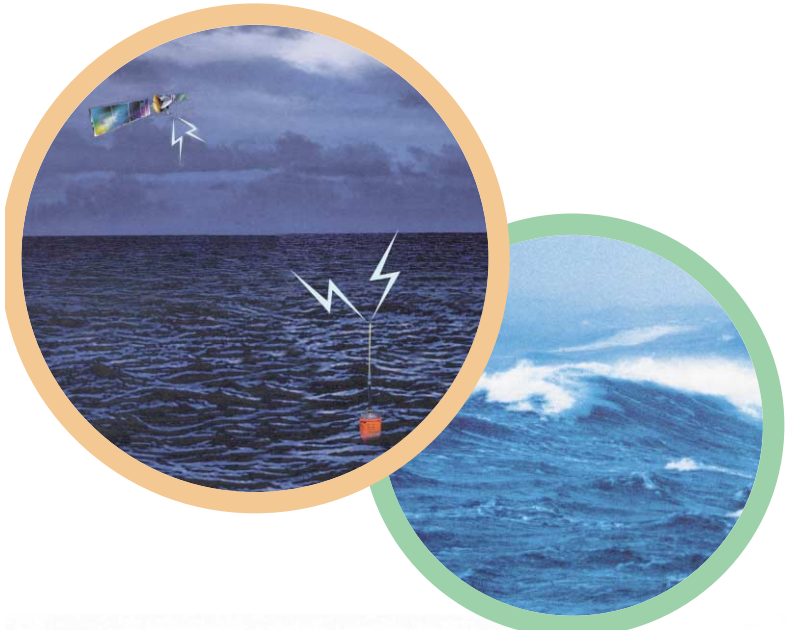
406/121.5MHz

GPS EPIRB



Advanced GPS EPIRB !!!

- Fully GMDSS compliant
- Global alert via COSPAS-SARSAT satellites
- Exact location faster than standard
- Next generation in marine safety electronics
- Internal GPS allows position updates



SEP-500

406/121.5MHz

GPS EPIRB

SEP-500

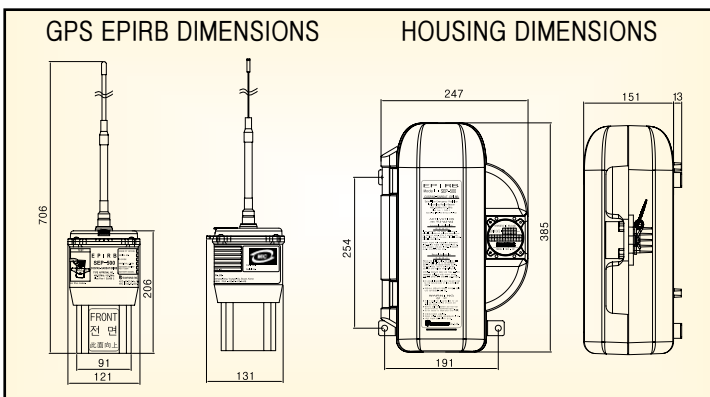
The SEP-500 EPIRB complies with CCIR, RTCM, COSPAS-SARSAT and GMDSS performance standards of IMO with transmitting frequencies of 406MHz/121.5MHz.

The SEP-500 receives GPS information and it transmits more accurate distress position than the EPIRB without GPS. This makes RCC(Rescue Coordination Center) perform prompt search & rescue operation.

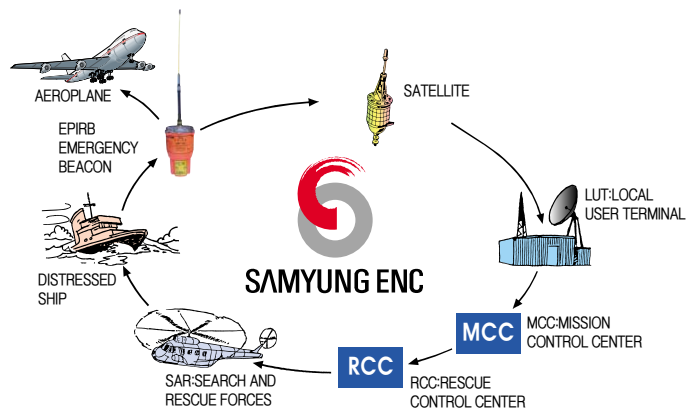
SPECIFICATION

Contents		Model	SEP-500(GPS EPIRB)	SEP-406(EPIRB)
General	Material housing		ABS Plastic	
	Strobe light Rate		21times per minute (0.75 candela min.)	20times per minute (0.75 candela min.)
	Temperature Operating		-20℃ to +55℃ Class 2	
	Temperature Storage		-30℃ to +70℃	
	Battery		Lithium, 5 year service life	Lithium, 4 year service life
	Antenna		Omnidirectional whip antenna	
	Operating life		More than 48 hours at -20℃/80 hours at +20℃	
	Weight		1.5kg	1.7kg
406MHz Satellite Transmitter	Frequency		406.037MHz ±2ppm	406.025MHz ±2ppm
	Output Power		5W ±2dB	
	Radio type		G1B	
	Modulation		Phase modulation / 1.1 ±0.1rad	
	Data encoding		Bi phase L	
	Bitrate		400 b/s	
121.5MHz Homing Transmitter	Frequency		121.5MHz ±10 ppm	
	Output Power		≥75mW	
	Modulation		Amplitude modulation / 300Hz to 1600Hz	
	Radio type		A3X	
GPS Receiver	Center Frequency		1575.42MHz ±1.023MHz	N/A
	Antenna		Ceramic dielectric patch	
	Characteristics		16 channel ANTARIS 4 positioning engine	

DIMENSIONS



COSPAS/SARSAT BASIC CONCEPT



* Specification is subject to change without pre-notice



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ISO 9001:2000 / KS A 9001:2001
 Certificate No. : RQM0645

