



GMDSS

Compliant with GMDSS Requirement

SEP-406 EPIRB

EMERGENCY POSITION INDICATING RADIO BEACON

- fully compliant with GMDSS requirement
- compact and light size
- simple and safe for operating
- automatic float free housing under water pressure
- totally watertighting
- self-test function



SAMYUNG ENC Co.,Ltd.

406MHz EPIRB

MODEL : SEP-406

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

SEP-406 EPIRB is designed for watertighting and easy installation, equip a hydraulic release mechanism for releasing the housing automatically under water pressure.

SPECIFICATIONS

GENERAL

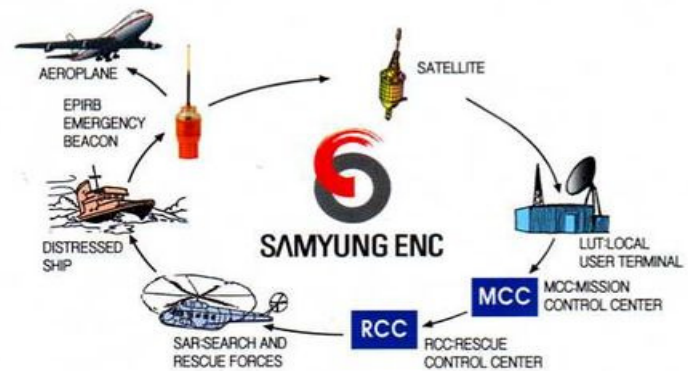
- Material housing : ABS Plastic
- Strobe light : 20times per minute (min. 0.75 candela)
- Temperature : Operating $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Battery : Lithium - 4 years service life
- Operating life : 48 hours at -20°C
80 hours at $+20^{\circ}\text{C}$
- Transmission time : $440\text{ms} \pm 1\%$
- Repetition : $50\text{s} \pm 5\%$
- Weight : 1.5kg

406MHz SATELLITE TRANSMITTER

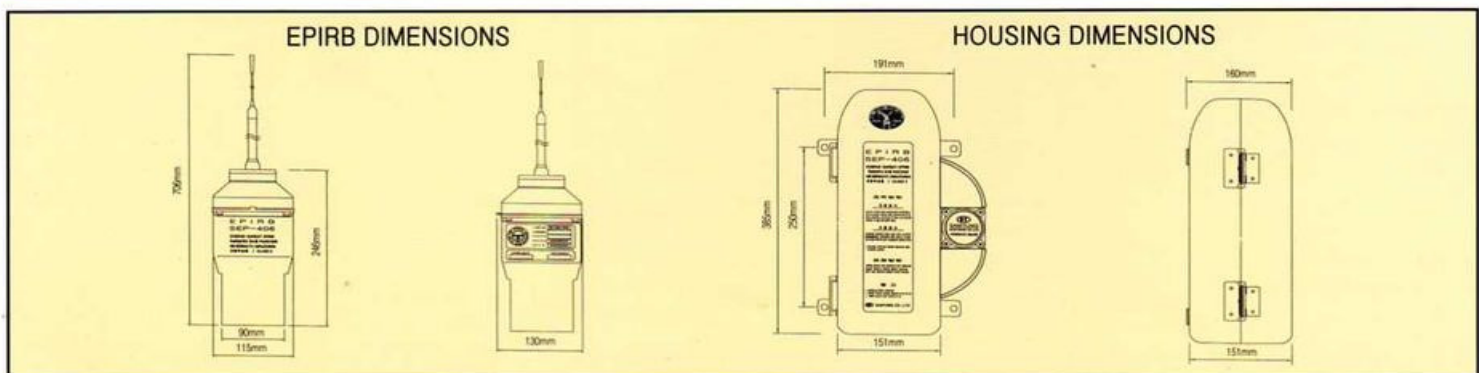
- Frequency : $406.025\text{MHz} \pm 2\text{ppm}$
- Output power : $5\text{W} \pm 2\text{dB}$
- Radio type : G1B
- Modulation : Phase modulation $1.1 \pm 0.1 \text{ rad}$

- Data encoding : Bi phase L
- Stability : Short term : $\leq 2 \times 10^{-9}$
Medium term : $\pm 1 \times 10^{-9}$
Residual noise : $\leq 3 \times 10^{-9}$
- Bitrate : 400b/s
- Antenna : Omnidirectional Whip Antenna

COSPAS/SARSAT BASIC CONCEPT



DIMENSIONS



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



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