NEB-2000

AIS EPIRB (COSPAS-SARSAT)

NSR's new generation of AIS EPIRB:

- Meet the latest IMO regulation IMO MSC.471 (101)
- Built in GNSS receiver and AIS transmitter
- Creative design for easy operation
- Special lanyard for hand-free carry
- Automatic power cut when test completed
- Multiple protection to avoid false alert
- Lower power consumption for longer working hours



- Designed to use for alert search and rescue service at sea. Confirming to IMO and IEC rules.
- Location accuracy within 10m, thanks to built-in GNSS receiver used.
- Automatic release device activated underwater 4 meters.
- Self-protective device used to avoid possible false alerts.
- Self-test function applicable.
- New night-vision infrared LEDs.
- Easily coding/reading user data with infrared communication technology.
- 406MHz transmission together with 121MHz.homing & AIS transmitter.

According to IMO MSC.471 (101), all EPIRBs newly installed onboard since July 1st 2022 should include AIS functions.



SPECIFICATIONS		
General	Model	NEB-2000
	Case Material	Special ABS+PC
	Color	High Visibility Orange
	IP Grade	IP67
	Buoyant	Yes
	Deployment	Automatic hydrostatic release, or Manual switch control
	Accessories	Hydrostatic Release Unit Buoyant lanyard Lanyard for hand-free carry
Size	Beacon	116 (W)×692 (H)×116 (D) mm
	Container	220 (W)×415 (H)×144 (D) mm
Weight	Beacon	1.45 kg
	Container	1.6 kg
406 MHz	Frequency	406.031 MHz
Transmitter	Output Power	5 W
AIS Transmitter	Frequency	AIS1 (161.975 MHz) AIS2 (162.025 MHz)
	Output Power	1 W EIRP
121.5 MHz	Frequency	121.5 MHz
Homer	Output Power	50 mW
GNSS Receiver	Туре	Built-in GNSS antenna
	System Supported	GPS, BDS, Glonass, Galileo
	Satellites Tracked	72
Battery	Туре	NBT400
	Total Voltage Rating	14.4 V (4ea $ imes$ 3.6 V each)
	Storage Time	Up to 8 years (see Note)
	Operating Life	≥48 hrs (-20°C)
Environment	Operating Temperature	-20°C \sim +55°C
	Storage Temperature	-30°C \sim +70°C

Note: It's from the date of manufacture. 5-year health check is recommended. The replacement should be done according to requirements of local authorities, if any.



EQUIPMENT LIST

STANDARD 1 pc Container (including HRU) 1 pc Accessories 1 set

SIZE DIMENSION





