

AIS EPIRB (COSPAS-SARSAT)

NEB-2000

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
- Type approval with DNV (MED) and CCS



- Designed to use for alert search and rescue service at sea. Conforming 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.



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)×710 (H)×100 (D) mm
	Container	220 (W)×415 (H)×144 (D) mm
Weight	Beacon	1.45 kg
	Container	1.6 kg
406 MHz Transmitter	Frequency	406.031 MHz
	Output Power	5 W
AIS Transmitter	Frequency	AIS1 (161.975 MHz) AIS2 (162.025 MHz)
	Output Power	1 W
121.5 MHz Homer	Frequency	121.5 MHz
	Output Power	50 mW
GNSS Receiver	Type	Built-in GNSS antenna
	System Supported	GPS, BDS, Glonass, Galileo
	Satellites Tracked	72
Battery	Type	NBT400
	Total Voltage Rating	14.4 V (4ea×3.6 V each)
	Storage Life	Up to 9 years (see Note)
	Operating Life	≥48 hrs (-20°C)
Hydrostatic Release Unit	Type	NHR-100
	Storage Life	Up to 3 years (max 2 years onboard)
Environment	Operating Temperature	-20°C ~ +55°C
	Storage Temperature	-30°C ~ +70°C

Note: It's from the date of manufacture. 9-years is consist of 1 year of shelf time and 8 years of onboard time. 5-year health check is recommended.

The replacement should be done according to requirements of local authorities, if any.



EQUIPMENT LIST

● STANDARD

- EPIRB	1 pc
- Container (including HRU)	1 pc
- Accessories	1 set

SIZE DIMENSION

