

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 1<sup>st</sup> 2022 should include AIS functions.



## SPECIFICATIONS

<b>General</b>	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
<b>Size</b>	Beacon	116 (W)×692 (H)×116 (D) mm
	Container	220 (W)×415 (H)×144 (D) mm
<b>Weight</b>	Beacon	1.45 kg
	Container	1.6 kg
<b>406 MHz Transmitter</b>	Frequency	406.031 MHz
	Output Power	5 W
<b>AIS Transmitter</b>	Frequency	AIS1 (161.975 MHz) AIS2 (162.025 MHz)
	Output Power	1 W EIRP
<b>121.5 MHz Homer</b>	Frequency	121.5 MHz
	Output Power	50 mW
<b>GNSS Receiver</b>	Type	Built-in GNSS antenna
	System Supported	GPS, BDS, Glonass, Galileo
	Satellites Tracked	72
<b>Battery</b>	Type	NBT400
	Total Voltage Rating	14.4 V (4ea×3.6 V each)
	Storage Time	Up to 8 years (see Note)
	Operating Life	≥48 hrs (-20°C)
<b>Environment</b>	Operating Temperature	-20°C ~ +55°C
	Storage Temperature	-30°C ~ +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

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

## SIZE DIMENSION

