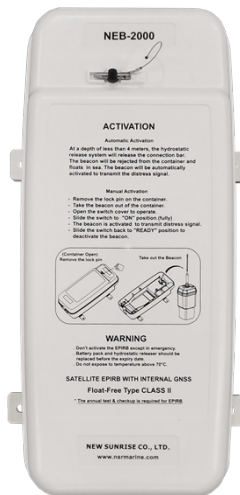


NSR's new generation of AIS EPIRB:

- 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 is completed
- Multiple protection to avoid false alert
- Lower power consumption for longer working hours
- Type approval with DNV (MED) and CCS



- Designed to be used for alert search and rescue service at sea. Conforming to IMO and IEC rules.
- Location accuracy within 10m, thanks to the built-in GNSS receiver used.
- Automatic release device activated underwater 4 meters.
- Self-protective device is 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   |
|                          | Watertight            | At a depth of 10m for at least 5 min                                       |
|                          | Buoyant               | Yes  |
|                          | Deployment            | Automatic hydrostatic release, or Manual switch control                    |
|                          | Accessories           | Hydrostatic Release Unit<br>Buoyant lanyard<br>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±1kHz   |
|                          | Output Power          | 5 W  |
| AIS Transmitter          | Frequency             | AIS1 (161.975 MHz)<br>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   |
| Battery                  | Part No.              | 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℃)   |
| Hydrostatic Release Unit | Part No.              | NHR-100  |
|                          | Storage Life          | Up to 3 years (max 2 years onboard)  |
| Strobe light             | Type                  | LED  |
|                          | Color                 | White  |
|                          | Flash Rate            | 20/min   |
|                          |                       |  |
| Environment              | Operating Temperature | -20℃ ~ +55℃  |
|                          | Storage Temperature   | -40℃ ~ +70℃  |

Note: It's from the date of manufacture. 9 years 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 the requirements of local authorities, if any.

## EQUIPMENT LIST

### ● STANDARD

|                             |          |       |
|-----------------------------|----------|-------|
| - EPIRB                     | NEB-2000 | 1 pc  |
| - Container (including HRU) |          | 1 pc  |
| - Accessories               |          | 1 set |

## SIZE DIMENSION

