

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:  
**MEDB0000B80**  
Revision no.:  
**0**

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

## This is to certify:

that the **406 MHz EPIRB (COSPAS-SARSAT)**

with type designation(s)  
**NEB-3000**

issued to

**New Sunrise Co., Ltd.**  
**Suzhou, China**

is found to comply with the Implementing Regulation (EU) 2025/1533 for  
Item no. **MED/5.6** (Row **2 of 2**)  
according to the following requirements:

**SOLAS 74 Reg. IV/7, IMO Res. A.662(16), IMO Res. A.694(17), IMO Res. MSC.471(101), IMO MSC/Circ.862, IMO COMSAR/Circ.32/Rev.2, ITU-R M.633-5 (11/23), ITU-R M.690-3 (03/15), SOLAS 74 Reg. IV/14, SOLAS 74 Reg. X/3, IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97(73)-(2000 HSC Code) 14**

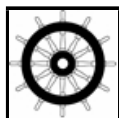
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-12-16**

Expiry date: **2030-12-15**

DNV local unit:  
**Shanghai**

Approval Engineer:  
**Steinar Kristensen**



Notified Body  
no.: **0098**

for **DNV SE**

**Christine Mydlak-Röder**  
**Head of Notified Body**

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.  
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.  
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

## Product description

The NEB-3000 EPIRB is to be installed in a manual release holder or in a container housing with a hydrostatic release unit activated underwater within a depth of 4 meters, providing the following features:

- Class II 406 MHz EPIRB (COSPAS-SARSAT)
- Internal AIS transmitter
- Internal GNSS receiver \*)
- 121.5 MHz auxiliary radio locating device
- Strobe lights
- Night vision infrared LEDs
- Manual and automatic beacon activation via sea water sensor
- Self-test mode

Hardware: NEB-3000, ver. 5.0

Firmware: NEB-3001, ver. 1.0x

\*) Tests for internal navigation receiver in IEC 61097-2 Annex B carried out according to IEC 61108-1 for GPS.

## Application/Limitation

- The NEB-3000 is to be installed, maintained and operated in accordance with the manufacturer's documentation.
- The NEB-3000 has been approved by COSPAS-SARSAT, TAC 1414 dated 2025-05-19, according to the below specifications/ standards:
  - o Specification for COSPAS-SARSAT 406 MHz Distress Beacons C/S T.001 Issue 4 – Rev. 10 (Nov 2022)
  - o COSPAS-SARSAT 406 MHz Beacon Type Approval Standard C/S T.007 Issue 5 – Rev. 9 (Nov 2022)

## Type Examination documentation

### Tests carried out

- |                          |                                      |
|--------------------------|--------------------------------------|
| • Environmental testing: | IEC 60945 (2002) incl. Corr.1 (2008) |
| • Performance testing:   | IEC 61097-2 (2021)                   |

## Marking of product

The name and contact address of the manufacturer and type designation of the product is to be affixed to the equipment in a clearly visible location. In addition, the equipment shall be marked with serial number, safe distance to magnetic compass, power consumption and/or supply voltage.

The following requirements apply in addition to the marking of the EPIRB:

- IEC 61097-2, Sect. 4.12:
  - o Equipment labelling:
    - brief operating instructions, to enable manual activation, deactivation and self-test
    - a warning to the effect that the EPIRB shall not be operated except in an emergency
    - class, type of battery and expiry date for the primary battery used
    - the name of the ship and beacon identification data
    - the location of the GNSS antenna and to provide this with a clear view of the sky during operation
  - o Float-free arrangement labelling
    - the operating instructions for manual release in pictorial form
    - the category
    - the stowage and operating temperature ranges of the float-free arrangement
    - the maintenance and/or replacement date for the release mechanism, if applicable
  - o Battery labelling
    - indelibly and legibly marking with the battery type, voltage, expiration date (month and year) and as appropriate, precautions associated with handling and disposal



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- a label shall be applied to either the interior of the EPIRB in a conspicuous place or on the battery pack itself warning that unauthorized battery replacement may lead to failure.