

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00006HU
Revision no.:
1

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 **Portable survival craft two-way VHF radiotelephone apparatus**

with type designation(s)

NTW-1000

issued to

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

is found to comply with the Implementing Regulation **(EU) 2025/1533** for

Item no. **MED/5.17 (Row 3 of 3)**

according to the following requirements:

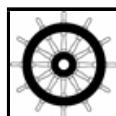
SOLAS 74 Reg. III/6, IMO Res. A.694(17), IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.149(77), IMO Res. MSC.515(105), ITU-R M.489-2 (10/95), SOLAS 74 Reg. IV/14, SOLAS 74 Reg. X/3, IMO Res. MSC.36(63)-(1994 HSC Code) 14, IMO Res. MSC.97(73)-(2000 HSC Code) 14

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

Date of issue: **2025-11-12**

Expiry date: **2030-11-11**

DNV local unit:
Shanghai



for **DNV SE**

Approval Engineer:
Jörg Rebel

Notified Body
no.: **0098**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 NTW-1000 is designed to meet the GMDSS requirements related to the performance standards for the survival craft two-way VHF radio telephone apparatus and may be also used for communication with optional rechargeable batteries.

Mandatory equipment:	Type	
Portable two-way radio telephone	NTW-1000	with software version: V1.xx
Emergency battery	NBT200	
Optional equipment:		
Rechargeable battery	NBT200C	
Charger with AC/DC adaptor	NBT200CU	

Application/Limitation

None

Type Examination documentation

Tests carried out

- Environmental and EMC testing: IEC 60945 (2002) incl. Corrigendum 1 (2008)
- Performance testing: IEC 61097-12 (1996) incl. Amendment 1 (2017) and Amendment 2 (2023)

Marking of product

According to IEC 60945, Sect.4.9:

The product to be marked with following information, where practicable:

- Identification of the manufacturer,
- Equipment type number or model identification under which it was type tested,
- Serial number of the unit,
- Compass safe distance,
- Brief operating instructions,
- Expiry date for the primary batteries,
- Original equipment manufacturer.

Alternatively, the marking may be presented on a display at equipment start-up, and in case of fixed equipment compass safe distance may be given in the equipment manual.