

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000C5S
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 **Fire-fighter's two-way radiotelephone apparatus**

with type designation(s)
NTW-3000E

issued to

New Sunrise Co., Ltd.
79 Chunlan Road Huangdai High-tech Park Suzhou 215143 Jiangsu China

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

Item no. **MED/5.20** (Row **2 of 2**)

according to the following requirements:

SOLAS 74/2014 Reg. II-2/10, IMO Res. A.694(17), IMO MSC.1Circ 1616, ITU-R M.489-2 (10/95), ITU-R M.1174-4 (10/2019), SOLAS 74 Reg. II-2/2, SOLAS 74 Reg. II-2/10

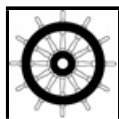
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-08-21**

Expiry date: **2031-08-20**

DNV local unit:
Shanghai

Approval Engineer:
Kai Möller



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 portable radio NTW-3000E meets the performance standards for the firefighter's two-way radio telephone apparatus and consists of following equipment:

Device:	Type:	Software version:	IP:
1. Portable two-way radio telephone	NTW-3000E	V1.XX	66
2. Emergency battery	NBT800 (DC 9V, 1500mAh)	N/A	N/A
3. Rechargeable battery	NBT800C (DC 7.4V 2600mAh)	N/A	N/A
4. Charger	NBT800CU	N/A	2X
5. AC/DC Adapter	NBT200CUA	N/A	2X

Application/Limitation

Compass Safe Distance for NTW-3000E acc. IEC 60945, 11.2:
Standard compass: 0.25m and Steering compass: 0.20m

Compass Safe Distances for NBT800CU acc. IEC 60945, 11.2:
Standard compass: 0.30m and Steering compass: 0.20m

Compass Safe Distances for NBT200CUA acc. IEC 60945, 11.2:
Standard compass: 0.40m and Steering compass: 0.30m

Type Examination documentation

Tests carried out

- Environmental and EMC testing: IEC 60945 (2002) incl. Corrigendum 1 (2008)
- Performance testing: ETSI EN 301 843-1 V2.2.1:2017-11,
ETSI EN 301 843-2 V2.2. 1:2017-11,
EN 60079-0:2018,
EN 60079-11:2012,
ETSI EN 301 178 V.2.2.2 :2017-04

Marking of product

According to IEC 60945 and ETSI EN 301 178 V2.2.2

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,
- „Not intended for distress and safety purposes" as exterior text

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.