

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB0001NDA
Revision no.:
0

This Certificate is issued by DNV UK Limited, UKAS accredited certification body no. 6086, based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body (no. 0097) to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2025.

This is to certify:

that the **Position-indicating lights for life-saving appliances:- for lifebuoys**

with type designation(s)
based on MEDB0000AT3, YBB1 lifebuoy light

is found to comply with the Regulation (UK) **MSN 1874 Amendment 11** for
Item no. **UK/1.2b (Row 3 of 3)**
according to the following requirements:

**SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/32, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-
(1994 HSC Code) 8, IMO Res. MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) II, IMO
Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1628/Rev.3, SOLAS 74 Reg. III/4, SOLAS 74 Reg. X/3**

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

Date of issue: **2026-05-26**

Expiry date: **2031-05-25**

DNV local unit:
Shanghai

Approval Engineer:
Marcin Tobiasz

Approved Body No.: 0097

for **DNV UK Ltd.**



Digitally Signed By:

Christine Mydlak-Röder

Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved 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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2025, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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

"YBB1 lifebuoy light"

Flashing position Indicating lights activated by water sensor on bottom of product.

Battery type: lithium battery, YB123A

Voltage: 3 V

Dimension: Ø83 mm x 240 mm

Flash Frequency: 50-70 times/minute

Application/Limitation

Approved as a position indicating light for a lifebuoy.

Each lifebuoy is not to be stowed at a height above the waterline exceeding 80 m.

Instruction for maintenance and operation manual to be provided with each delivery.

Lights powered by batteries shall be marked with means of determining their age or the date by which they are to be replaced.

Type Examination documentation

Document No.	Rev.	Title
2025012		Test report dated 18 April 2025 from Wuhan Testing Center of Marine Life-saving Appliances, Wuhan, China
YBDR1806B		YBB1 Assembly Drawing and Components List
YBDS19B		YBB1 Datasheet
YBDR1803B		YBB1 Electrical Drawing
YBTPS1802B		YBB1 Marking 2025
YBMN19B		YBB1 User Manual
2017146		Test report dated 17 November 2017 from Wuhan Testing Center of Marine Life-saving Appliances, Wuhan, China

Tests carried out

Tested in accordance with the requirements of:

- IMO Res. MSC.81(70) as amended by IMO Res. MSC.200(80), IMO Res. MSC.226(82) & IMO Res. MSC.323(89),
- EN 60945:2002 incl. IEC 60945 Corr. 1:2008,
- ISO 24408:2005.

Marking of product

The product is to be marked with manufacturers name, type designation, serial or lot number, date of expire and Mark of Conformity (see first page). The marking shall comply with the LSA Code Ch. 1.2.2.9 and 1.2.3. and ISO 24408:2005 Ch. 4.3.