



# TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MERB00007UV**  
Revision No:  
**0**

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

## This is to certify:

**That the Position indicating lights for life-saving appliances: (c) for lifejackets**

with type designation(s)  
**YBA1**

Issued to

is found to comply with the requirements in the following Regulations/Standards:

Regulation **MSN 1874 Amendment 7**,  
item No. **UK/1.2c. SOLAS 74 as amended, Regulation III/4, III/7, III/22, III/26, III/32, III/34 & X/3, LSA Code, 2000 HSC Code 8**

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

This Certificate is valid until **2027-03-02**.

Issued at **London** on **2023-08-23**

DNV local unit:  
**Shanghai**



for **DNV UK Ltd.**

Approval Engineer:  
**Marcin Tobiasz**

Approved Body No.: **0097**

**Christine Mydlak-Roeder**  
**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 2016, 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 300,000 USD.



## Product description

Position-indicating lights for lifejackets type YBA1 water activated.

## Application/Limitation

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

For compliance with SOLAS Regulation III/35 and III/36, fully detailed operations and maintenance manuals shall be supplied with each light.

## Type Examination documentation

General Description – Datasheet document no. YBDS21103 dated 2021.10.20  
Electrical drawing – CIRCUIT DIAGRAM drawing no. YBDR2115 dated 2021.10.20  
Assembly drawing and component list drawing no. YBDR2110003 dated 2021.10.20.  
User manual for Lifejacket light, doc. No. YBMV20 dated 2020.01.02  
Wuhan Testing Center L5309 / Test Report :  
No-2019024 Lifejacket lights YBA1 dated 2019.05.27~2019.07.22

## Tests carried out

The products have been tested in accordance with IMO Res.MSC.81(70), IEC60945, ISO24408.

## Marking of product

To be marked with information requested by the LSA Code Paragraph 1.2.2.9 and 1.2.3 / ISO24408 item 4.3.1

- Manufacturer name
- Type identification
- Lot number
- Date of expiry
- Identification and relevant approval mark of approving administration(s), and any operational restrictions
- Clear operating instructions in word or diagram form
- Information on proper battery disposal by the words: DO NOT INCINERATE, RECHARGE OR TAMPER