

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

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

**This is to certify:****That the Lifebuoys**

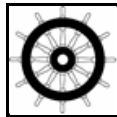
with type designation(s)  
**XT5555 and XT5555-1**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation **(EU) 2019/1397**,  
**item No. MED/1.1. SOLAS 74 as amended, Regulation III/4, III/7, 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 **2024-11-27**.

Issued at **Hamburg** on **2019-11-28**



for **DNV GL SE**

Approval Engineer:  
**Roland Priebe**

Notified Body  
No.: **0098**

**Gerhard Aulbert**  
**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 GL 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



## Product description

**XT5555 and XT5555-1** are lifebuoys with following data:

	<b>XT5555</b>	<b>XT5555-1</b>
Weight:	2.5 kg	4.3 kg
Diameter, inner / outer:	440 / 720 mm or 450 / 750 mm	440 / 720 mm or 450 / 750 mm
Colour:	Orange	Orange
Max. drop height:	100 m	100 m
Buoyancy material:	Polyurethane foam	Polyurethane foam
Cover material:	HDPE F600	HDPE F600

For further details refer to the documentation listed below under "Type Examination documentation".

## Application/Limitation

The lifebuoy XT5555-1 has sufficient mass to operate the quick-release arrangement provided for self-activated smoke signals and self-igniting lights. The XT5555 has not this mass.

The used retro-reflective material has to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81) and IMO Res. MSC.218(82).

Each lifebuoy shall be marked in block capitals of the Roman alphabet with the name and port of registry of the ship on which it is carried.

Production and installation testing shall be carried out according to IMO Res. MSC.81(70), Part 2, Ch.3.

## Type Examination documentation

Test report No. 2008054 dated 2009-01-13 from Wuhan Marine Lifesaving Equipment Quality Inspection Center, Wuhan, China and

Test report dated 2013-12-18 from GL Jiangyin.

This certificate is based on the previous MED-B 11463-14 HH issued on 2014-09-29.

## Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70) Part 1, as amended by IMO Res. MSC.200(80) and IMO Res. MSC.226(82).

## Marking of product

The product is to be marked acc. to the LSA code IMO Res. MSC.48(66) 1.2.2.9 with:

- name and address of manufacturer,
- type designation and
- the MED Mark of Conformity (see page 1).