EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000BBM
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 **Davit-launched lifeboats used as a rescue boat: - Partially enclosed- Totally enclosed**

with type designation(s)
LT8.5R

issued to
Hatecke GmbH
Drochtersen, **Germany**

is found to comply with the Implementing Regulation **(EU) 2025/1533** for
Item no. **MED/1.17c** (Row **2 of 2**)
according to the following requirements:
SOLAS 74 Reg. III/21, SOLAS 74 Reg. III/31, 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) IV, IMO Res. MSC.48(66)-(LSA Code) V, IMO Res. MSC.97(73)-(2000 HSC Code) 8, IMO Res. MSC.481(102), IMO MSC.1/Circ.1423, IMO MSC.1/Circ.1630/Rev.2, IMO MSC.1/Circ.1631, 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: **2025-10-27**

Expiry date: **2030-10-26**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Michael Oberländer

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

LT8.5R is a davit launched, partially enclosed lifeboat for max. 51 persons for use on passenger ships. It is provided with a self-righting device, and fulfills the functionality of a rigid rescue boat in accordance with LSA Code 5.1 (6 persons when used as a rescue boat).

Length over all: 9.10 m
Length hull: 8.50 m (acc. SOLAS III/3.12)
Breath over all: 3.10 m
Breath hull: 2.90 m
Depth: 1.10 m
Height: 2.80 m

Weight of boat, fully equipped: 5000 kg (max. 5750 kg incl. 750 kg reserve for optional outfitting)
Weight of boat, fully manned (with 51 pers. x 75 kg): max. 9575 kg (6245 kg as rescue boat with 6 pers. x 82.5 kg)

Release system: Hatecke, Duplex 6.0 (SWL = 5.8 t per hook) DNV MEDB0000199 Rev.3

Hull material: Glass fiber reinforced polyester (GRP)
Buoyant material: Polyurethane rigid foam system

Propulsion system: Twin inboard diesel engines
Engine manufacturer and type: 2 x Volvo D3-170 A (Z-Drive) 125 kW
Propeller: Volvo DP-IH4
Bollard pull: 16.0 kN (8.0 kN with one engine)

Application/Limitation

Maximum number of persons: 51 (lifeboat) / 6 (rescue boat)
Maximum launching weight with 51 persons of 75 kg/person (lifeboat): 9575 kg
The lifeboat is in compliance with LSA Code 4.5 “Partially enclosed lifeboats” and is not suitable for use on SOLAS cargo ships.
Lifeboat equipment and marking/instructions to be inspected after installation onboard the ship. Equipment shall comply with LSA Code and IMO Res.MSC.81(70).
The design assessment is based on International Life-Saving Appliances (LSA) Code, IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82), IMO Res. MSC.272(85), IMO Res. MSC.320(89), IMO Res.MSC.481(102) and IMO Res.MSC.554(108)
Production and installation testing shall be carried out according to IMO Res. MSC.81(70), part 2 as amended.

Type Examination documentation

Tests carried out

The product has been tested in accordance with Recommendation on Testing of Lifesaving Appliances, IMO Res. MSC.81(70) part 1, as amended by IMO Res. MSC.226(82), IMO Res. MSC.274(85), IMO Res. MSC.321(89), IMO Res. MSC.323(89), IMO MSC/Circ.1006 and IMO Res.MSC.481 (102) – Type II.

Marking of product

The product is to be indelibly marked with name and address of manufacture, type designation, dimensions and date of manufacture, according to LSA code item 4.4.1.2 and MED Mark of Conformity (see page 1).
Further it shall be marked with the max. number of persons, the name and port of registry of the mother ship and means of identifying according LSA Code (IMO Res. MSC.48(66)) 4.4.9.
List of lifeboat and rescue boat equipment to be posted in the boat.