

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00007XU

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 Lifeboats: (a) Davit-launched lifeboats: totally enclosed

with type designation(s)

Totally enclosed lifeboat with optional rescue boat function GSL7.6C / GSL7.6C-T

Issued to

Hatecke GmbH

Drochtersen, Niedersachsen, Germany

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

Regulation (EU) 2021/1158,

item No. MED/1.17a. SOLAS 74 as amended, Regulation III/4, III/21, III/31, III/34 & X/3, LSA Code, IMO MSC/Circ. 1006 & 1423, and 2000 HSC Code 8

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

This Certificate is valid until **2027-05-16**.

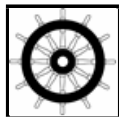
Issued at **Hamburg** on **2022-05-17**

DNV local station:

Hamburg – CMC North/East

Approval Engineer:

Michael Oberländer



Notified Body
No.: **0098**

for DNV SE

Christine Mydlak-Roeder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 300,000 USD.



Product description

The lifeboat GSL7.6C & GSL7.6C-T is a davit launched, totally enclosed lifeboat which is manufactured in versions for max. 62 persons. The lifeboat also fulfils the functionality of a rigid rescue boat in accordance with LSA-Code 5.1. Available in dry cargo version (C) or tanker version (C-T). The GSL7.6C-T is fitted with a self-contained air support system (LSA-Code 4.8) and a special fire protection (LSA-Code 4.9).

Dimensions (over all): L : 7.75 m B : 2.81 m D : 3.25 m

Max. number of persons: 56 or 62 persons (GSL7.6-C) 56 persons (GSL7.6C-T)
(6 persons when used as a rescue boat)

GSL7.6C

For use on cargo vessels:

Weight (fully equipped): 2944 kg
Weight (fully manned): 7564 kg (incl. 56 pers. x 82.5 kg)

For use on passenger vessels:

Weight (fully equipped): 2965 kg
Weight (fully manned): 7615 kg (incl. 62 pers. x 75 kg)

GSL7.6C-T

Weight (fully equipped): 3169 kg
Weight (fully manned): 7789 kg (incl. 56 pers. x 82.5 kg)

Release mechanism: Hatecke DUPLEX 6.0 (SWL 5.8 to/ per hook))
MEDB0000199 Rev.2

Material: For detailed info, see SPC-GSL76C-0-Material specification GRP-Rev.0.docx

Hull material: Glassfibre reinforced polyester (GRP)

Buoyant material: Polyurethane foam

Propulsion (single engine): (1) Bukh DV 24 RME (17.7 kW) or
(2) Bukh DV 29 RME (21.7 kW) or
(3) NANNI-N3.30 KC (21.3 kW, only for GSL7.6C)

Bollard pull: (1) 3.5 kN
(2) 4.6 kN
(3) 4.0 kN

Application/Limitation

- Lifeboat equipment and marking/instructions to be inspected after installation on board the ship. Equipment shall comply with LSA-Code and IMO Res.81(70).
- The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82), IMO Res. MSC.272(85) and IMO Res. MSC.320(89).
- Production and installation testing shall be carried out according to IMO Res. MSC.81(70), Part 2.

This EC Type Examination Certificate is based on previous MED-B 400.184, issued by BG-Verkehr on 2016-06-02.

Type Examination documentation

Basis for approval:

- Design documentation as listed in "LIS-GSL76C-0-Drawing list DNV-Rev.0.docx".
- Main drawings:

General Arrangement Plan I (Cargo & Passenger) GGS76C-001 Rev.1	2015-02-04
General Arrangement Plan (Tanker) GGS76C-T-001 Rev.1	2015-02-04
Seating Arrangement PGLC7614 Rev.1	2016-03-01
Operation System for Release Gear (DUPLEX 6.0) PGLC8423	2014-12-11
Forward Hoisting Hook (Duplex 6.0) PGLC8419 Rev.3	2016-04-29
Aft Hoisting Hook (Duplex 6.0) PGLC8418 Rev.3	2016-04-29
GRP-Plan I PGLC7601	2016-05-03
GRP-Plan II PGLC7602	2016-05-03
GRP-Plan III PGLC7603	2016-05-02
GRP-Plan IV PGLC7604	2016-05-02
Air Supply System ASS 3010 PGLC7616 Rev.1	2003-08-07
Sprinkler System PGLC7615 Rev.1	2003-08-14
Material Specification (GRP) SPC-GSL76C-0-Material Specification GRP	2021-11-30
Manual for Operation, Training & Maintenance MAN-GSL-C-0-Manual Rev.2	2019-09-11

- Prototype test reports:

Report. No.	Dated
PTC-GSL76C-2000-01	2000-03-01
PTC-GSL76M-T-2003-01	2003-11-25
PTC-GSL76C-2011-01	2011-02-04
PTC-PEL76M-2015-02	2015-11-24
PTC-GSL76C-2016-01	2016-03-09
PTC-GSL76C2018-01	2018-09-24
STR-2000-02 (Lateral Impact Acceleration Measurement)	2000-03-03
Flame resistance & fire retardant test acc. to IMO MSC/Circ.1006, SINTEF, Trondheim, Norway 102010.80/10.086 Rev.1	2010-11-08
Fire test report STB-1529-1987	1987-05-12

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) and IMO MSC/Circ.1006.

Marking of product

The product is to be indelibly marked with name and address of the manufacturer, type designation, dimensions, date of manufacture, boat model and serial number or other elements allowing their identification in accordance with LSA Code (IMO Res. MSC.48(66)) 4.4.1.2. 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 to LSA Code (IMO Res. MSC.48(66)) 4.4.9.