

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

This is to certify:

That the Release mechanism for (a) Lifeboats and rescue boats (launched by a fall or falls) / Release mechanism for (b) Liferafts (launched by a fall or falls)

with type designation(s)
HLH 1,5

Issued to
H. Henriksen AS
TØNSBERG, Norway

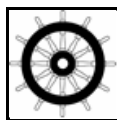
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397,**
item No. MED/1.26a. SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code, 2000 HSC Code 8 and IMO MSC.1/Circ.1419.
item No. MED/1.26b. SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

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

This Certificate is valid until **2025-08-27.**

Issued at **Høvik** on **2020-08-28**

DNV GL local station:
Norway Fleet in Service, East-South



for **DNV GL AS**

Approval Engineer:
Mats Asvald Innstø

Notified Body
No.: **0575**

Roald Vårheim
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 AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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

Davit launched Liferaft/Rescue boat Automatic release hook

- Safe Working Load, SWL = 1500 kg

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with maker's product certificates (3.1).
- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standard or code and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.

Type Examination documentation

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title(s)</u>
D009430	4	Engineering Note
HH000236	-2	HLH 1,5 WLL 1500kg sf 6
HH377940	-1	HLH 1,5 Housing
HH377942	--	Main Bolt HLH 1,5
HH377943	-1	Main Hook Element HLH 1,5
HH377955	-2	Sideplate HLH 1,5
HH377956	-2	Sideplate HLH 1,5
HH378141	--	Wheel HLH 1,5
M000615		User Manual

Tests carried out

Prototype tested in accordance with IMO Resolution MSC.81(70) Part 1.

<u>Description</u>	<u>Report</u>	<u>Date(s)</u>	<u>Witnessed by</u>
Prototype tests	MSC/Circ.980 HH000236 HLH 1,5: D009650	2020-05-14	DNV GL Sandefjord, Norway
Salt-spray and ice-tests MSC.81(70), Paragraph 8.2.3. and 8.2.16	Report No.: 2018-5415, Rev. 1 Document No.: 119EVY9W-3	2018-12-11	DNV GL Bergen, Norway



Job Id: **344.1-010657-1**
Certificate No: **MEDB00006RW**

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9 and the Directive:

- Type designation, manufacturer name and serial number
- Safe Working Load, SWL

END OF CERTIFICATE