

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00004TT
Revision No:
1

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 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)**

with type designation(s)
HMK 3.5

issued to
H. Henriksen AS
TØNSBERG, Norway

is found to comply with the requirements in the following Regulations/Standards:
Regulation (EU) 2023/1667,

item No. MED/1.26a. SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code, 2000 HSC Code 8, IMO MSC.1/Circ.1419 and IMO MSC.1/Circ.1630

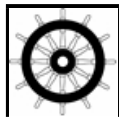
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-01-21**.

Issued at **Høvik** on **2024-01-22**

DNV local unit:
East & South Norway CMC

Approval Engineer:
Axel Janson



Notified Body
No.: **0575**



for **DNV AS**

Digitally Signed By:
Aldo Matteucci
Location: **DNV Høvik, Norway**
on behalf of

Mydlak-Röder, Christine
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2023 dated August 21st, 2023.



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Off-load release hook with safe working load (SWL) 3 500 kg

The hook may be used with optional swivel joint HSL 3.5.
The hook may be used with optional adapter plate HH004534.

The product will be delivered in the following versions:

- HMKST 3.5
- HMKR 3.5
- HMKRWH 3.5
- HMKRH 3.5
- HMKG 3.5
- HMKCR 3.5

Application/Limitation

- Material grades stated in drawings shall be delivered with 3.1 material certificates per ISO 10474, or equivalent.
- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standards or codes and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- Falls shall be of rotation-resistant and corrosion resistant steel wire rope.
- Support to hull structure is not included in this examination and shall be separately evaluated.

Type Examination documentation

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title</u>
HH000026	-11	HMKST 3.5
HH040001	B3	Hovedbolt Ø35
HH020001	A10	Sideplate
HH020002	A11	Sideplate
HH010005	B7	Krokemne
HH000115	-14	HMKR 3.5
HH040001	B3	Hovedbolt Ø35
HH020065	A3	Sideplate
HH020066	A6	Sideplate
HH010017	-2	Krokemne
HH000709	09	HMKRWH 3.5
HH040001	B3	Hovedbolt
HH020067	-6	Sideplate
HH020068	A5	Sideplate
HH010005	B7	Krokemne
HH000088	-14	HMKRH 3.5
HH040001	B3	Hovedbolt
HH020051	A4	Sideplate
HH020052	A7	Sideplate
HH010017	02	Krokemne
HH003050	-13	HMKG 3.5
HH023096	-7	Sideplate
HH023097	-11	Sideplate
HH010005	B7	Krokemne
HH040001	B3	Hovedbolt
HH004844	-4	HMKCR 3.5
HH040001	B3	Hovedbolt
HH020067	-6	Sideplate
HH020068	A5	Sideplate
HH010005	B7	Krokemne

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>
Initial testing	Report No. POR03160	1999-02-02	DNV Porsgrunn, Norway
Testing, after revised drawings	Verification Statement No: N141R965	2019-01-09	DNV Sandefjord, Norway

Marking of product

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

- Type designation
- Manufacturer name
- Serial number
- Safe Working Load, SWL



Job ID: **344.1-002222-10**
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END OF CERTIFICATE