

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00008KF

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)
KCL 10 ton Noa LRRS Hook

Issued to
Kolberg Caspary Lautom AS
Skoppum, 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

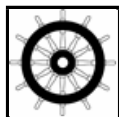
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2028-11-26**.

Issued at **Høvik** on **2023-12-19**

DNV local unit:
East & South Norway CMC

Approval Engineer:
Axel Janson



Notified Body
No.: **0575**

for **DNV AS**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Lifeboat / rescue boat release mechanism with the following specifications:

- Safe Working Load (SWL) = 10.0 tons
- Hang-off arrangement (SWL) = 12.5 tons

Type/Name of Hydrostatic sensor:	KCL Water-sensor Noa 1.1
Type of Electronic/hydraulic release device:	KCL UNO10tonn
Type of Manual release device:	N22 Modular hand pump

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with separate 3.1 certificates per EN 10204.
- Components transferring load, like wires, shackles, etc. are to comply with international standards or codes and shall be delivered with manufacturer's certificate, confirming a safety factor of minimum 6.
- Components as described above to be used with the release device shall be as specified per OEM manuals and recommendations.
- Onboard testing (MSC.81(70) part.2) has not been addressed in this Type Examination and shall be witnessed and accepted by attending surveyor.
- The connection to the hull structure has not been evaluated in this design review and the final installation on board shall be separately approved.
- The control system is not within the scope of this Type Examination Certificate.
- The master link used shall comply with the specifications provided by the manufacturer.

Type Examination documentation

Tests carried out

Prototype tested in accordance with IMO Resolution MSC.81(70) Part 1, MSC.1/Circ.1630/Rev.02.

<u>Description</u>	<u>Report</u>	<u>Date(s)</u>	<u>Witnessed by</u>
10T Hook prototype testing	LRRS test report, DNV 2023	2023-11-03	Christian Nodenes, DNV Sandefjord, Norway

Marking of product

Marking shall be implemented in accordance with the LSA Code, §1.2.2.9 and the EU MED Directive.

- Type designation
- Manufacturer's name or mark
- Serial number
- Safe Working Load, SWL

END OF CERTIFICATE