

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB0000722

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 5.5ton Noa LRRS

Issued to

Kolberg Caspary Lautom AS
Skoppum, Norway

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

Regulation (EU) 2021/1158,

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.

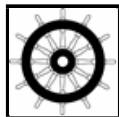
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-03-29**.

Issued at **Høvik** on **2022-03-30**

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

Approval Engineer:
Mats Asvald Innstø



Notified Body
No.: **0575**

for **DNV AS**

Sverre Olav Bergli
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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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:

- Safe Working Load, SWL = 5.5 tons
- Hang-off arrangement, SWL = 5 tons

Type/Name of Hydrostatic sensor: KCL Water-sensor

Type of Electronic/hydraulic release device: KCL UNO5.5T

Type of Manual release device: N22 Modular hand pump

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with makers product certificates (3.1).
- The various components transferring the load like wires, shackles, 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.
- 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) and connection to the hull structure are not included in this examination and shall be accepted by attending surveyor in each case.

Type Examination documentation

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>
LRRS test report	MSC.1/Circ.1630 Doc. RJ.3-3-2021	2021-02-06	DNV Sandefjord, Norway

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