

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2014/93/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

## This is to certify:

**That the Winches for survival craft and rescue boats**

with type designation(s)  
**A-470-2-D-C-S**

Issued to

**Vestdavit AS**  
**Laksevag, Norway**

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

**Annex A.1, item No. A.1/1.41a and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code**  
**Annex A.1, item No. A.1/1.41d and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code**

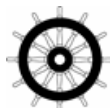
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-02-21**.

Issued at **Høvik** on **2016-02-22**

DNV GL local station:  
**Laksevåg**

Approval Engineer:  
**Paulo Correia**



Notified Body  
No.: **0575**

for **DNV GL AS**

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**Vidar Dolonen**  
**Head of Notified Body**

## Product description

Lifeboat/Rescue boat Winch with;

- Maximum Working Load, MWL = 10 000 kg ( 5000kg per wire rope, max 2 layers)
- Maximum Hoisting Load, MHL = 10 000 kg ( 5000kg per wire rope)
- Wire Rope Diameter = 18 mm

## 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, 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 to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Installation, onboard testing (MSC.81(70) part.2), support to the deck structure, and connection to power supply are not included in this examination and shall be accepted by attending surveyor in each case.

## Type Examination documentation

## Tests carried out

Prototype testing according to IMO Resolution MSC 81(70) carried out 2015-11-24 and witnessed by DNV GL Gdansk.

## Marking of product

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

- Type designation, manufacturer name and serial number
- Maximum Working Load, MWL

**END OF CERTIFICATE**