DNV·GL

Certificate No:
MEDB00001GG

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 the Kingdom of Norway.

This is to certify:

That the Winches for survival craft and rescue boats: davit launched lifeboats

with type designation(s)
DP63S Lifeboat winch

Issued to
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co.,Ltd.
Zhenjiang Jiangsu, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
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

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

This Certificate is valid until **2022-03-09**.

Issued at **Høvik** on **2017-03-10**

DNV GL local station:
Nanjing CMC

Approval Engineer:
Paulo Correia

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Product description

Lifeboat Winch with;

- Maximum Working Load, MWL = 70 kN
- Maximum Hoisting Load, MHL = 60 kN
- Wire Rope Diameter = 20 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

241ZF370-00	Gen.dwg
241ZF370-01-0	Reduction gear case set
241ZF370-01-01-0	Body case
241ZF370-01-02	Gear
241ZF370-01-03	Shaft drum
241ZF370-01-07	Gear shaft
241ZF370-01-08	Gear
241ZF370-01-09	Gear shaft
241ZF370-01-11	Shaft
241ZF370-01-12	Gear
241ZF370-01-13	Gear shaft
241ZF370-01-14	Gear
241ZF370-01-15	Gear
241ZF370-01-17	Shaft
241ZF370-01-24-0	Back stop clutch
241ZF370-01-24-2	Out ring
241ZF370-01-24-3	Star body
241ZF370-01-24-8	Column
241ZF370-02-0	Speed limiting clutch device
241ZF370-02-01-0	Shell
241ZF370-02-03	Shaft sleeve
241ZF370-02-05	Piece of rub
241ZF370-02-06	Piece of rub
241ZF370-02-12	Nut
241ZF370-02-13	Push rod
241ZF370-02-15-0	Counter balance
241ZF370-02-19	Speed limit
241ZF370-02-20	Piece of rub
241ZF370-02-21	Spring
241ZF370-03-0	Drum
241ZF370-04-0	Handle unit remote

241ZF370-00JS	Calculating instruction of designing
241ZF370-00SM	Instruciton
241ZF370-00SY	Test item list
930ZF2-02LH	Physicochemical properties of material for main parts

Tests carried out

Prototype testing according to IMO Resolution MSC 81(70) carried out 2005-01-04.

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