

CERTIFICATE OF CONFORMITY

- EC (MODULE G)

Certificate No:
MEDG000018F

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 Launching appliances using falls (davits) / Winches for survival craft and rescue boats: (a) davit launched lifeboats

with type designation and serial number

NPT150DYL Davit and DW100S winch - SN: 150DYL-651, 150DYL-652, 100DS-651, 100DS-652

Issued to

Jiangyin Neptune Marine Appliance Co., Ltd.
Jiangyin, , Jiangsu, , China

is, by design assessment and product verification, found to comply with
Regulation (EU) 2022/1157,

item No. MED/1.21. SOLAS 74 as amended, Regulation III/4, III/23, III/33, III/34 & X/3, LSA Code and 2000 HSC Code 8

item No. MED/1.41a. SOLAS 74 as amended, Regulation III/4, III/16, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

Manufacturers authorised representative

Van Oord Offshore Wind UK Ltd.
Stokesley, United Kingdom

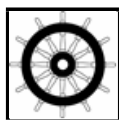
USCG Approval No: **N/A**

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

Issued at **Høvik** on **2023-05-03**

DNV local unit:
UK & Ireland CMC & VMC

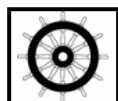
Approval Engineer:
Paulo Correia



for **DNV AS**

Notified Body
No.: **0575**

Sverre Olav Bergli
Head of Notified Body



0575/yyyy

0575: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed



The product liability tests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate remains valid unless suspended, withdrawn, recalled or cancelled, provided this equipment is not modified without the acceptance of the notified body named herein.

This certificate authorises the manufacturer to affix the "Mark of Conformity" (wheelmark) to the product described herein.

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 and winch launching appliance

- Davit with safe working load, SWL = 160 kN
- Electric boat winch with safe working load, SWL = 100 kN (50 kN for each drum), 3 layers
- Wire rope diameter: 24 mm

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with maker's product certificates (3.1).
- The various components transferring the load like wires, shackles, hooks, 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.
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Installation, on-board 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

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title(s)</u>
MED- B - 6504	-	NPT150DYL davit & DW100S/Z winch
MED – F-3044	-	NPT150DYL davit and DW100S winch – serial numbers: 150DYL-651, 150DYL-652, 100DS-651, 100DS-652
13313/1	00	Hydraulic circuit – MPI Offshore
13313/2	00	Flow divider position – MPI Offshore
		MED DOC - G2305750002

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>
GA	IMO MSC 81(70)	2010-09-26	DNV Nanjing
100DS 651/2	MSC Circ.980	2023-01-25	DNV Netherlands
NPT150DYL	MSC Circ.980	2023-03-07	DNV Netherlands

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
- Maximum Working Load, MWL

END OF CERTIFICATE