

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Launching appliances using fall (Davits) / Liferaft launching appliances (Davits)

with type designation(s)

Rhs., Rhs.S., Lms., Lhs., Lms.S., Lhs.S., Rhs.L., Rhs.L.S.

Issued to

**Global Davit GmbH
Bassum, Niedersachsen, Germany**

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

Regulation **(EU) 2020/1170,**

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/1.24. SOLAS 74 as amended, Regulation III/4, III/12, III/16, III/34 & X/3, LSA Code and 2000 HSC Code 8

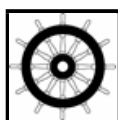
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2026-02-24.**

Issued at **Hamburg** on **2021-02-25**

DNV GL local station:
Hamburg – CMC North/East

Approval Engineer:
Stefan Heuer



Notified Body
No.: **0098**

for **DNV GL SE**

**Christine Mydlak-Roeder
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 GL SE 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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

Cranes* size 010tm (4th generation) with life-saving winches types W01 or W02 and with straight or alternatively bended arms.

*) Product names (with or without store handling function):

Rhs.	Rescue boat crane with hydraulic slewing gear
Rhs.S.	Rescue boat / Store cranes with hydraulic slewing gear
Lms.	Liferaft cranes with manual slewing gear
Lhs.	Liferaft cranes with hydraulic slewing
Lms.S.	Liferaft / Store cranes with manual slewing gear
Lhs.S.	Liferaft / Store cranes with hydraulic slewing gear
Rhs.L.	Rescue boat / Liferaft cranes with hydraulic slewing gear
Rhs.L.S.	Rescue boat / Liferaft / Store cranes with hydraulic slewing gear

Trade names: identical to product name followed by: SWL_{boat/raft} / R and i.a. SWL / R

SWL _{boat}	SWL (launching- / recovery weight) rescue boat [kN]
SWL _{raft}	SWL (launching weight) liferaft [kN]
SWL	Safe working load store function [kN]
R	Load radius [m]

The launching, recovery weights and store SWL are given in [kN] (10kN = 1,0t)

Example trade name (type description):

Rhs.13/3,5	Rescue boat crane (hydraulic) SWL _{boat} 1,3t at 3,5m
Lms.20/4,5	Liferaft crane (manual) SWL _{raft} 2,0t at 4,5m
Rhs.L.S.(14)21/4,0-20/6,0	Rescue boat / Liferaft / Store crane (hydraulic) SWL _{boat} 1,4t at 4,0m SWL _{raft} 2,1t at 4,0m SWL 2,0t at 6,0m

Designer

MDO - Maritime Design Office B.V
Leusden Utrecht, Netherlands

Application/Limitation

The store function is not part of this certificate and shall if required be certified separately by the responsible Classification Society or Flag State.

Design temperature:	-20°C	
Operating conditions (life-saving)	20°/10°	(heel/trim)
Load cycles	max. 20000	
Max. SWL _{boat}	1,9t	(19kN)
Max. SWL _{raft}	2,32t	(23,2kN)
Max. outreach life-saving	5,5m	

For complete SWL / load radius combinations see drawing 6-0223 Rev. A "Basis parameters for 010 column based cranes".



Job Id: **344.1-011341-1**
Certificate No: **MEDB00007AW**

Type Examination documentation

Tests carried out

According IMO-Resolution MSC.81(70) as amended, Part 1, Regulation 8.1:
Type Test Report 1406A01 witnessed by DNVGL dated 2021-01-20

Marking of product

The product is to be marked in accordance with the LSA Code, item 1.2.2.9 with:

- Safe working load, SWL
- Type designation and serial number

the MED Mark of Conformity (see page 1) and USCG approval number, if applicable.

END OF CERTIFICATE