

Certificate

No. 5582-11

This certificate is issued to confirm that



Mr. Omar Hosny Hassan

employed at and only valid for:

DOLPHIN MARINE - FREE ZONE

Land building no 3 block G - Adabiya free zone

1828 SUEZ

Egypt

has passed successfully the training and competency assessment, which is in compliance to the requirements of MSC.1/Circ.1277 and MSC.402(96).

Mr. Omar Hosny Hassan is certified to perform annual and five-years thorough examinations, maintenances, overload- and operational tests, overhauls and repairs of the "make" GLOBAL DAVIT GmbH, as required per SOLAS 2018 Ch.III, Reg. 3.25, 20.3.1 and 20.11.1.

The trained and certified "types" can be found at Annex A.

The certificate is valid until: **2026-03-30**

and only as long as the above mentioned engineer is employed at the above mentioned company and both are listed on our web-page at <https://www.global-davit-service.de/service-network.php>.

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Survival- & Deck Equipment

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Bassum, 2023-03-31

ANNEX A

Engineer ident No.: 5582-11

Type code identification matrix concerning the Global Davit made life-saving craft launching and recovery systems (LSA equipment)

This identification matrix is issued to fulfil the requirements of the IMO resolution MSC.402(96) regarding the identification of the Global Davit made equipment.

The Global Davit trained service engineers, which are in receipt of a valid Global Davit Service Supplier certificate are trained on the following equipment:

Launching and recovery appliances for single point suspended life-saving crafts

Global Davit type code: $X_1X_2X_3 \cdot X_4 \cdot X_5 \cdot X_6 \cdot (NN_1)NN_2/N, NN_3-N, NN_4 - NN_5/N, NN_6-N, NN_7$

Example: Fhs.R.L.S.40/1,3-6,0-14/3,225

X ₁	F - freefall boat handling
	L - liferaft handling
	R - rescue boat handling
X ₃	p - pivot type
	s - slewing type
	t - telescopic type

NN ₁	SWL-recovery in kN of main purpose
NN ₂	SWL-launching in kN of main purpose
N, NN ₄	maximum working outreach in m

N, NN ₆	minimum working outreach in m of the optional additional purposes
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X ₂	g - gravity powered
	h - hydraulic powered
	m - manual powered

X₄ - X₆ are the options in case of a multi purpose system and can be:

	L - liferaft handling
	R - rescue boat handling
	S - stores handling

N, NN ₃	minimum working outreach in m
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NN ₅	SWL in kN of the optional additional purposes
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N, NN ₇	maximum working outreach in m of the optional additional purposes
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Example: Rhs.L.(11)15,2/3,5

Combined rescue boat and liferaft hydraulic slewing davit with SWL-recovery (boat handling) of 11kN and SWL-lowering (for liferaft handling) of 15,2kN at an outreach of 3,5m

Launching and recovery appliances for double point suspended life-saving crafts

Global Davit type code: $X_1xx_2XX_3 \cdot x_4/NNN_1/N, NN_2$

X ₁	G - gravity lowering
XX ₃	FP - free standing pivot davit system
	FL - free standing luffing davit system
	MP - multiple pivot davit system
	TT - telescopic track davit system
NNN ₁	SWL-lowering in kN

xx ₂	sp - embarkation in stowed position
	lp - embarkation in lowering position

x ₄	h - hydraulic powered
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N, NN ₂	outreach
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Example: Gsp.TTh.250/4,0

Gravity lowering with embarkation in stowed position, telescopic track davit hydraulic powered with SWL of 250kN and an outreach of 4.0m

Winches for launching and recovery of life saving appliances

Global Davit type code: $X_1NN_1X_2 \cdot NN_2 \cdot NN_3$

X ₁	W - winch
X ₂	HC - fast rescue boat handling
	L - lifeboat handling
	R - rescue boat handling
	M - manual (liferaft handling)
	E - electric driven (rescue boat handling or combined rescue boat / liferaft handling)

NN ₁	output torque in kNm
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NN ₂	reference to the approval related code
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NN ₃	internal reference
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Examples: W10L.01.08
W02M.30.01

Liferaft handling winch with output torque of 10kNm
Liferaft handling winch with output torque of 2 kNm

Release gears for liferaft and/or rescue boat handling

HRN.12	Hook, off-load type for rescue boat handling, SWL 12kN
HRN.28	Hook, off-load type for rescue boat handling, SWL 28kN
HRL.26	Hook, combined type - off-load and automatic release hook for liferaft and/or rescue boat handling, SWL 26kN