



(Rewritten)

**CERTIFICATE OF APPROVAL
FOR FIRMS ENGAGED IN
MAINTENANCE, THOROUGH EXAMINATION,
OPERATIONAL TESTING, OVERHAUL AND REPAIR OF
LIFEBOATS AND RESCUE BOATS, LAUNCHING
APPLIANCES AND RELEASE GEAR**

Certificate No. : 20TZ373

Approval No. : 17LA030

THIS IS TO CERTIFY that

North Sea Davit and Lifeboat Services BV

Edisonweg 48, 3404 LD, IJsselstein, NETHERLANDS

is approved as a firm engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and automatic release hooks under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **29 October 2022** subject to periodical assessment.

Issued at Tokyo on 8 July 2020.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(Y. Iga)

General Manager of Survey Department

This Certificate was rewritten because the referenced requirement has been changed as of completion of Periodical Assessment.

This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.

The Periodical Assessment was completed on 10 December 2019.

<i>Periodical Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____
		Surveyor to NIPPON KAIJI KYOKAI
<i>Occasional Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____
		Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. This Certificate is valid subject to validity of certificate for personnel issued for each make and type of the equipment listed in the attachment.
2. This service supplier has been approved to service the equipment listed in the attachment in accordance with MSC. 402(96).
3. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
4. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.

NIPPON KAIJI KYOKAI



Attachment to
Certificate Number 20TZ373

Make	Type
d-i davit international-his che GmbH	Crane for freefall boat (C-F series,C-L series) Crane for boat handling (C-S series) Free-fall davit (D-F series (free-fall only), D-TF series, D-FH/FG series) Roller track davit (D-RT series (roller track davit only)) Fixed offshore davit (D-FO series) Nomal pivot davit (D-NP series excl. D-NP MP and D-NP.SP series) Boat davit (D-BC series, D-BR series) Lifeboat davit (D-NP.MP series, D-NP.SP series, D-WP series, D-FP series, , D-ND series) Lifeboat or rescueboat davit (D-TT series) Rescue boat davit (D-CL series, , D-CR series, D-NPS.SP series, D-SR series, D-NPS.MP series, D-RTT series) Fast rescueboat davit (D-CRm.FR series, , D-CRm.MOR series, D-CRm.R.FR series, D-NPS.FR series) Raft handling davit (D-RC series, D-RB series) Rescue boat hook (RH series, OLH series) Liferaft hook (OLRH series)
Sezamor	Liferaft hook (HS series)
Palfinger	Liferaft / rescue boat hook (ARH and CAR series)
T-ISS	Liferaft / rescue boat hook (PX series)
Hatecke GmbH	Rescue Boats (RB AB, RB AB Duplex, RB AB FH, RB IB, RB/FRB AB FH, RB/FRB IB, RB/FRB IB DUPLEX) Launching Appliances (DFR, DFR PAL, DR, FFA, FFA LP, FFB, Gsp.O, GspFP, GXP.FLH, W07, W10, W26) Lifeboats (GFF, GFF-T, GSAR, GSL, GSL-T, PL11, PL14, PL7.6RT, PL9.7) Release Gear (Duplex 2.6/3.0/3.5/4.3/4.6/6.0, GFF-R-10/11/8, RAFTI 2.5 Simplex2.0 Off-Load/2.0 to/2.0 i/3.0/4.3/6.0)
Global Davit GmbH	Davit (Fhs, Rms., Rhs., Rhp., Rht., Rsp., Lms., Lhs., Lgp., Rhp.HC., RHs.HC., Gsp., Glp.)

<p>Fassmer Service GmbH & Co. KG.</p>	<p>Davit launched totally enclosed lifeboat (GMR 5.9/6.5/7.4/8.3, TGMR 5.9/6.5/7.4/8.3, CLR-C 5.9/6.4/6.8/7.2/7.6/8.1/8.5, CLR-T 5.9/6.4/6.8/7.2/7.6/8.1/8.5, CL-C 8.9/9.4/9.8/10.2/10.7/11.1/11.5/11.9/12.4/12.8/13.2, CL-T 8.9/9.4/9.8/10.2/10.7/11.1/11.5/11.9/12.4/12.8/13.2, CLX @8.5/10.0/11.7/12.8)</p> <p>Freefall Lifeboat (CFL 4.9/-T4.9, GAR 6.0/-T6.0/6.8/-T6.8 /6.7/-T6.7/7.4/-T7.4/8.1/-T8.1/7.7/-T7.7/8.5/-T8.5, CFL-C66/72/77/83, CFL-T66/72/77/83)</p> <p>Partially enclosed Lifeboats (CL-P 5.9/6.4/6.8/7.2/7.6/8.1/8.5/8.9/9.4 /9.8/10.2/10.7/11.1/11.5/11.9/12.4/12.8/13.2, SEL 8.15/8.8/9.6/10.5 /10.55/11.80/12.5/15.75, SEL-R 8.15, SEL-T 10.75)</p> <p>Partially enclosed Lifeboats - Tenderboats (TL Limo 1100, SEL-T 11.0/11.7/12.3/14.0/14.7/15.75, PLL 1099, PLT-EVO 170)</p> <p>Partially enclosed lifeboats, tenderboat and rescue boat (SEL-RT 7.7/7.5/8.5)</p> <p>Partially enclosed Life-and Crew Tenderboats (SEL 11.0 (-T))</p> <p>Partially enclosed Life-/Rescue-/Work-/Tender-Boats (SEL-R 7.4/8.5)</p> <p>High-performance tender (SFB 10.1)</p> <p>Rigid Rescueboat (RR 4.2/4.2-M/4.5ID)</p> <p>Rescueboat (RIR 625ID)</p> <p>Fast Rigid Rescueboat (FR (I)R6.1/6.1ID, FRR 6.2 ID/6.5ID-SF/ 6.6ID/7.0ID-SF/7.0, FRIR 6.25)</p> <p>Freefall Lifeboat Release Mechanism (FFRU 6.6)</p> <p>Offload rescue boat hook (FOH 27/30/70)</p> <p>On load release gear (Duplex 25E2/2.5E/50E2/5.0E/60E2/6.6E/10E /140E2/14E/17E/180E2/230E2/23E)</p> <p>Fassmer Hydraulic Davit (FHD 80/100/120/130/150/170/172/280/450)</p> <p>Hinged Davit (FHDY 100)</p> <p>Freefall Davit (FFH 45/65)</p> <p>Pivot davit (FPD 55/60/100/80/120/150/170, FFD D60)</p> <p>Freefall Davit (FFH 49/50/60/66/70/72/75/77/80/83/85/90)</p> <p>Freefall ramp (FLR49/66/8005/8006/8007)</p> <p>Multi Pivot Davit (FMPD 100/130/150/160)</p> <p>Outtrigger davit (FOD 100/120/130/150/170/190/40R/50/55/80/ LBC 300/SAR40/-R22/-R23/-R25/-R40/TC450)</p> <p>Rescue Boat Davit (FOSV 71, FSAH 22)</p> <p>Rescue Boat Crane (FSAH 28/32, FSAR (12/3.5, 14/2.9, 14/3.5, 21/4.0, 21/4.5, 22/4.5, 28, 40))</p> <p>Rescue Boat/ Liferaft Crane (FSARR 14/3.5, FSARR 21/3.8, FSARR 21/4.0, FSARR 21/4.3, FSARR 22/4.0)</p> <p>FRC crane (PRHE 30)</p> <p>Fassmer Winch (DEW 40/85/2000)</p> <p>Fassmer Winch/rescue boat crane (DEW 8/150, FWD 40RB)</p> <p>Fassmer Freefall Winch (FFWH)</p>
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Fassmer-Marland Ltd.	<p>Davit launched totally enclosed lifeboat (DRAGON 26C/26T/32C/32T/38C/38T, GMR 6.5/-T6.5/7.4/-T7.4, HH57C/57T/65C/65T/70C/70T, CLR-C5.9/T5.9)</p> <p>Freefall lifeboat (GAR 6.7/-T6.7/7.4/-T7.4, CFL-C49(E)/T49(E)/C66(E)/T66(E)/C72(E)/T72(E)/C77(E)/T77(E)/C83(E)/T83(E))</p> <p>Rigid rescue boat (RR4.2/4.2-M, RRH4.2, RR4.2 ID)</p> <p>Fast rigid rescue boat (FRR6.1ID/6.2ID)</p> <p>On load release gear (Duplex 2.5/2.5E/25E2/5.0/5.0E/50E2, HH43)</p> <p>Pivot davit (FPD-D60/D68/DH68, SRH70)</p> <p>Freefall davit (FFH49/49D/66/66D/72/77/83)</p> <p>Freefall ramp (FLR49/66/72)</p> <p>Rescue boat crane (FSAR 14/3.5HS/ 4.0/3.5HS / 21/4.0HS / 25, FSARR 14/3.5HS / 21/4.0HS / 22/4.0HS, FMAH 22KN)</p> <p>Winch for pivot davit (DEW 15-24/15-35/15-44, D52L/R, DW34S/Z, MW50/50C)</p> <p>Winch for freefall davit (FW35)</p> <p>Winch for rescue boat crane (DEW 150/450, RZ25)</p>
GEPA-FIBERGLASS INDUSTRY & TRADE CO. INC.	<p>Freefall Lifeboats (G-FFF1, G-FFF1-FP, G-FFF2, G-FFF2-FP, G-FFF3, G-FFF3-FP)</p> <p>Totally Enclosed Lifeboats (G-F6K, G-F6K-FP, G-F4K, G-F4K-FP, G-F3K, G-F3K-FP)</p> <p>Partially Enclosed Lifeboats (G-F6YK, G-F4YK, G-F3YK, G-F3YK-T)</p> <p>Open Type Lifeboats (G-F5, G-F2, G-F1, G-F6, G-F4, G-F3)</p> <p>Service & Utility Boats (G-GSB3, G-GSB4, G-GSB2, G-GSB1, G-F5-UB, G-F2-UB, G-F1-UB, G-F6-UB, G-F4-UB, G-F3-UB)</p> <p>Rescue Boats & Hook Release Devices (G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, G-K2)</p>
Oriental Precision & Engineering Co., Ltd.	<p>Hinged Gravity Type Davit & Winch (Davit: HGD series, HGK series, SHS series, RTD series, DHA series, DMA series, Winch: BWE series, SWE series, WL series)</p> <p>Free Fall Davit & Winch (FD series, WL series)</p> <p>Rescue / Liferaft Davit & Winch (RD series, RDW series)</p>
WUXI HUAHAI MARINE EQUIPMENT FACTORY	<p>Davit (HMD Series including HMD 14/14A/21/21D/25/25D/32D/55/70)</p> <p>Winch (MW Series including MW 21/25/32/35/110/140/185)</p>

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