



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

Certificate No. : 22TZ581

Approval No. : 17LA030

THIS IS TO CERTIFY that

North Sea Davit and Lifeboat Services BV

Hoefslag 5 4131 ME Vianen THE 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 **25 September 2027** subject to periodical assessment.

Issued at Tokyo on 23 December 2022.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI



(M. Inoue)

General Manager of Survey Department

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.

Due Range of Periodical Assessment: between 26 September 2024 and 25 September 2025

<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 22TZ581

Make	Type
GEPA-FIBERGLASS INDUSTRY & TRADE CO. INC.	<p><u>Freefall Lifeboats</u> - G-FFF1, G-FFF1-FP, G-FFF2, G-FFF2-FP, G-FFF3, G-FFF3-FP</p> <p><u>Totally Enclosed Lifeboats</u> - G-F6K, G-F6K-FP, G-F4K, G-F4K-FP, G-F3K, G-F3K-FP</p> <p><u>Partially Enclosed Lifeboats</u> - G-F6YK, G-F4YK, G-F3YK, G-F3YK-T</p> <p><u>Open Type Lifeboats</u> - G-F5, G-F2, G-F1, G-F6, G-F4, G-F3</p> <p><u>Service & Utility Boats</u> - 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><u>Rescue Boats & Hook Release Devices</u> - G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, G-K2</p>
Fassmer Service GmbH & Co. KG.	<p><u>Davit Launched Totally Enclosed Lifeboats</u> - 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 (R)8.5/10.0/11.7/12.8</p> <p><u>Freefall Lifeboat</u> - 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><u>Partially Enclosed Lifeboats</u> - 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><u>Partially Enclosed Lifeboats - Tenderboats</u> - TL Limo 1100, - SEL-T 11.0/11.7/12.3/14.0/14.7/15.75, - PLL 1099, - PLT-EVO 170</p> <p><u>Partially Enclosed Lifeboats, Tenderboat and Rescue Boat</u> - SEL-RT 7.7/7.5/8.5</p>

Partially Enclosed Life-and Crew Tenderboats

- SEL 11.0 (-T)

Partially Enclosed Life-/Rescue-/Work-/Tender-Boats

- SEL-R 7.4/8.5

Rigid Rescueboat

- RR 4.2/4.2-M/4.5 ID

Rescueboat

- RIR 625 ID

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

NAVY RHIB

- SFB 10.1

Freefall Lifeboat Release Mechanism

- FFRU 6.6

Offload Rescue Boat Hook

- FOH 27/30/70

On Load Release Gear

- Duplex 25E2/2.5E/50E2/5.0E/60E2/6.6E/10E/140E2/14E/17E/180E2/230E2/23E, 2.5T, 5.0T, 10T, 14T, 17T, 23T

Fassmer Hydraulic Davit

- FHD 80/100/120/130/150/170/172/280/450

Hinged Davit

- FHDY 100

Freefall Davit

- FFH 45/65/49/50/60/66/70/72/75/77/80/83/85/90

Pivot Davit

- FPD 55/60/100/80/120/150/170, FFD D60

Freefall Ramp

- FLR49/66/8005/8006/8007

Multi Pivot Davit

- FMPD 100/130/150/160

Outrigger Davit

- FOD 100/120/130/150/170/190/40R/50/55/80/
LBC300/SAR40/-R22/-R23/-R25/-R40/TC450

Rescue Boat Davit

- FOSV 71, FSAH 22

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

Rescue Boat/Liferaft Crane

- FSARR 14/3.5; 21/3.8; 21/4.0; 21/4.3; 22/4.0

FRC Crane

- PRHE 30

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	<p><u>Fassmer Winch</u> - DEW 40/85/2000</p> <p><u>Fassmer Winch/Rescue Boat Crane</u> - DEW 8/150, FWD 40RB</p> <p><u>Fassmer Freefall Winch</u> - FFWH</p>
Fassmer-Marland Ltd.	<p><u>Davit Launched Totally Enclosed Lifeboat</u> - 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><u>Freefall Lifeboat</u> - 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><u>Rigid Rescue Boat</u> - RR4.2/RR4.2-M; RRH4.2; RR4.2 ID</p> <p><u>Fast Rigid Rescue Boat</u> - FRR6.1ID/6.2ID</p> <p><u>Onload Release Gear</u> - Duplex 2.5/2.5E/25E2/5.0/5.0E/50E2, HH43</p> <p><u>Pivot Davit</u> - FPD-D60/-D68/-DH68, SRH70</p> <p><u>Freefall Davit</u> - FFH49/49D/66/66D/72/77/83</p> <p><u>Freefall Ramp</u> - FLR49/66/72</p> <p><u>Rescue Boat Crane</u> - 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><u>Winch for Pivot Davit</u> - DEW 15-24; 15-35; 15-44, D52L/D52R, DW34S/DW34Z, MW50/MW50C for Davit FPD-D60</p> <p><u>Winch for Freefall Davit</u> - FW35</p> <p><u>Winch for Rescue Boat Crane</u> - DEW 150/450, RZ25</p>

<p>Hai Hong Boat Making Co., Ltd. (Guangzhou)</p>	<p><u>Davit Launched Totally Enclosed Lifeboat</u> - HH57C/57T/65C/65T/70C/70T (Hai Hong type) <u>On Load Release Gear</u> - HH43 (Hai Hong type)</p>
<p>Hatecke GmbH</p>	<p><u>Rescue Boat</u> - RB AB, RB AB Duplex, RB AB FH, RB IB, RB/FRB AB FH <u>Launching Appliance</u> - FFA, FFA LP, FFB, Gsp.FLH, Gsp.O, GspFP, W07, W10, W26 <u>Lifeboat</u> - GFF, GFF-T, GSAR, GSL, GSL-T <u>Release Gear</u> - 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</p>
<p>d-i davit international-hische GmbH</p>	<p><u>Crane for Freefall Boat</u> - C-F series, C-L series <u>Crane for Boat Handling</u> - C-S series <u>Free-fall Davit</u> - D-F series (Free-fall only), D-TF series, D-FH/FG series <u>Roller Track Davit</u> - D-RT series (Roller Track Davit only) <u>Fixed Offshore Davit</u> - D-FO series <u>Normal Pivot Davit</u> - D-NP. Series, excl. D-NP.MP and D-NP.SP series <u>Boat Davit</u> - D-BC series, D-BR series <u>Rescue Boat Davit</u> - D-CL series, D-CR series, D-NPS. SP series, D-SR series, D-NPS. MP series, D-RTT series <u>Raft Handling Davit</u> - D-RC series, D-RB series <u>Rescue Boat Hook</u> - RH series, OLH series <u>Liferaft Hook</u> - OLRH series <u>Fast Rescue Boat Davit</u> - D-CRm. FR series, D-CRm. MOR series, D-CRm. R. FR series, D-NPS. FR series <u>Lifeboat Davit</u> - D-NP. MP series, D-NP. SP series, D-WP series, D-FP series, D-ND series <u>Lifeboat or Rescueboat Davit</u> - D-TT series</p>

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	<p>Other Hook* (Liferaft Hook and Liferaft/Rescue Boat Hook)</p> <ul style="list-style-type: none"> - HS series manufactured by Sezamor - ARH and CAR series manufactured by Palfinger - PX series manufactured by T-ISS <p>* Only valid in combination with an equipment of d-i davit</p>
Global Davit GmbH	<p>Launching and recovery appliances for single point suspended life-saving crafts indicated by the code below: Type Code: X1X2X3.x4.x5.x6 where X1=F/L/R, X2=g/h/m, X3=p/s/t, x4-x6(options)=L/R/S</p> <p>Launching and recovery appliances for double point suspended life-saving crafts indicated by the code below: Type Code: X1xx2XX3.x4 where X1=G, xx2=sp/lp, XX3=FP/FL/MP/TT, x4=h</p> <p>Winches for launching and recovery of life saving appliances indicated by the code below: Type Code: X1 X2 Where X1=W, X2=HC/L/R/M/E</p> <p>Release gears for liferaft and/or rescue boat handling: HRN.12, HRN.28, HRL.26</p>

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