

**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. : **24TZ456**

Approval No. : **24LA023**

THIS IS TO CERTIFY that

**FIBRE CRAFT ASIA PTE LTD
FIBRE CRAFT MARINE & OFFSHORE PTE LTD
111 North Bridge Road #27-01 Peninsula Plaza SINGAPORE 179098**

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 **27 October 2029** subject to periodical assessment.

Issued at Tokyo on 28 October 2024.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI



(M. Inoue)

General Manager of Survey Department

Attachment to
Certificate Number 24TZ456

Make	Type
Shigi Shipbuilding Co., Ltd.	<u>Lifeboats/Rescueboats and Release Gear</u> - SZ series, FEL series, VOX series, GARS series, OPEN type
NISHI-F Co., Ltd. (Ex. Nishi Nippon F.R.P. Shipbuilding Co., Ltd.)	<u>Lifeboat/Rescue Boat</u> - G series, ML series, F series
Ishihara Dockyard Co., Ltd.	
SEKIGAHARA SEISAKUSHO LTD.	<u>Gravity Type Davit</u> - SH, SFB, SHS, STS, SSS <u>Free-fall Lifeboat Davit</u> - SFS, SFA, SFB, SFC, SFD <u>Rescue Boat Davit</u> - SJS, SJR <u>Winch</u> - SNW, SWE
IKNOW Machinery Co., Ltd. (ex. Tsuji Heavy Ind.)	<u>Davit</u> - Series of H, T, TC <u>Winch</u> - Series of EB, TC, OAP
Mansei Inc.	<u>Davits</u> - Series of EBD-, EM-, ABD-, AH-, AT-, AV-, EH-, ET-, EV-, M-, CM-, D-FH., DE-FH., MFE-, MFH-, SR-, SRE-, R-, S-, RD-, EHR- <u>Winches</u> - Series of EBW-, ABW-, AW-, EW-, MW-, CMW-, 06., FW-, SW-, RMW-, MLW-, ERW- <u>Release Hooks</u> - Series of RH-
Miura Machine Co., Ltd.	<u>Davits</u> - Series of SP, MVD, GRA, SAR <u>Winches</u> - Series of BH, BE, BA
Oriental Precision & Engineering Co., Ltd.	<u>Hinged Gravity Type Davit & Winch</u> - Davit: HGD series, HGK series, SHS series, RTD series, DHA series, DMA series - Winch: BWE series, SWE series, WL series <u>Free Fall Davit & Winch</u> - FD series, WL series <u>Rescue/Liferaft Davit & Winch</u>

	<ul style="list-style-type: none"> - RD series, RDW series
Wuxi Hai Hong Boat Making Co., Ltd.	<p><u>Totally Enclosed Life/Rescue Boat</u></p> <ul style="list-style-type: none"> - HH50C/HH50T, HH53C/HH53T, HH57C/HH57T, HH65C/HH65T, HH65CS/HH65TS, HH70C/HH70T, HH75CS/HH75TS, HH75C, HH80CS/HH80TS, HH85C/HH85TS <p><u>Freefall Lifeboat</u></p> <ul style="list-style-type: none"> - HH59FC/HH59FF, HH76FC/HH76FF <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ4.5B/GJ4.5B1 <p><u>High Speed Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ618A/GJ618B <p><u>Open Type Lifeboat</u></p> <ul style="list-style-type: none"> - BJ-7.0 <p><u>Release Gear</u></p> <ul style="list-style-type: none"> - HH76/HH43/HH30/HH20
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.)	<p><u>Free Fall Lifeboat</u></p> <ul style="list-style-type: none"> - JY-FN-4.9, JY-FF-4.9, JY-FN-5.8, JY-FF-5.8, JYM-FN-6.65, JYM-FF-6.65, JY-FN-6.8, JY-FF-6.8, JY-FN-7.5, JY-FF-7.5, JY-FN-8.5, JY-FF-8.5, JY-FN-9.5, JY-FF-9.5 <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2 <p><u>Totally Enclosed Lifeboat</u></p> <ul style="list-style-type: none"> - JY-QFP/N-5.0, JY-QFP/N-5.25, JY-QFP/N-5.6, JY-QFP/N-6.0A, JY-QFP/N-6.50, JY-QFP/N-7.0, JY-QFP/N-7.5, JY-QFP/N-7.50A, JY-QFP/N-8.00, JY-QFP/N-8.50, JY-QFP/N-8.50X, JY-QFP/N-9.35, JY-QFP/N-10.90A <p><u>Hook</u></p> <ul style="list-style-type: none"> - JX and JXN Series <p><u>Gravity Luffing Arm Type Davit</u></p> <ul style="list-style-type: none"> - JYL52, JYL55, JYL65, JYL85, JYL105, JYL135 <p><u>Launching Appliance</u></p> <ul style="list-style-type: none"> - JYF55, JYF75, JYF75-B, JYF90 <p><u>Platform Davit</u></p> <ul style="list-style-type: none"> - JYP65, JYP85, JYP105, JYP135 <p><u>Single Arm Davit</u></p> <ul style="list-style-type: none"> - JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30, JYR23 <p><u>Electric Boat Winch</u></p> <ul style="list-style-type: none"> - FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21
Zhejiang Hengxin Ship Equipment Co., Ltd.	<p><u>Lifeboat</u></p> <ul style="list-style-type: none"> - BCC, BCF, BCFC, BCFF <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ, FRH, RH

	<p><u>Release Mechanism</u> - HK</p> <p><u>Davit</u> - FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN</p> <p><u>Winch</u> - DZB, D, DW</p>
Global Davit GmbH	<p><u>Launching and recovery appliances for single point suspended life-saving crafts</u> 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><u>Launching and recovery appliances for double point suspended life-saving crafts</u> Type Code: X1xx2XX3.x4 where X1=G, xx2=sp/lp, XX3=FP/FL/MP/TT, x4=h</p> <p><u>Winches for launching and recovery of life saving appliance</u> Type Code: X1NN1X2 where X1=W, NN1=output torque in kNm, X2=HC/L/R/M/E</p> <p><u>Release gears for liferaft and/or rescue boat handling</u> HRN.12, HRN.28, HRL.26</p>
d-i davit international-hische GmbH	<p><u>Crane for Freefall Boat</u> - C-F series</p> <p><u>Crane for Boat Handling</u> - C-S series</p> <p><u>Free-fall Davit</u> - D-F series (Free-fall only), D-TF series, D-FH/FG series</p> <p><u>Roller Track Davit</u> - D-RT series (Roller Track Davit only)</p> <p><u>Fixed Offshore Davit</u> - D-FO series</p> <p><u>Normal Pivot Davit</u> - D-NP series, excl. D-NP. MP and D-NP. SP series</p> <p><u>Boat Davit</u> - D-BC series, D-BR series</p> <p><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</p> <p><u>Raft Handling Davit</u> - D-RC series, D-RB series</p> <p><u>Rescue Boat Hook</u> - RH series, OLH series</p> <p><u>Liferaft Hook</u> - OLRH series, HS series</p> <p><u>Crane for Freefall Boat</u> - C-L series</p>

	<p><u>Fast Rescueboat Davit</u> - D-CRm. FR series, D-CRm. MOR series, D-CRm. R. FR series, D-NPS. FR series</p> <p><u>Lifeboat Davit</u> - D-NP. MP series, D-NP. SP series, D-WP series, D-FP series, D-ND series</p> <p><u>Lifeboat or Rescueboat Davit</u> - D-TT series</p> <hr/> <p><u>Other hook* (Liferaft hook and Liferaft/rescue boat hook)</u> HS series manufactured by Sezamor ARH and CAR series manufactured by Palfinger PX series manufactured by T-ISS * Only valid in combination with an equipment of d-i davit</p>
<p>Qingdao Beihai Boatbuilding Co., Ltd. (Ex. Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd)</p>	<p><u>Totally Enclosed Lifeboat</u> - BH-5, 6, 7, 8, 9, 10 series, BH-E series</p> <p><u>Freefall Lifeboat</u> - BH-F series</p> <p><u>Rescue Boat</u> - BH-R series, BH-HR series</p> <p><u>Gravity Pivot Davit</u> - BD-PV series, BD-AR series</p> <p><u>Offshore Davit</u> - BD-PL series</p> <p><u>Single Arm Davit</u> - BD-SA series, BD-SH series, FA36, RBD966</p> <p><u>Freefall Launching Davit</u> - BD-FF series</p> <p><u>Winch</u> - BW-H(L/R) series, L(L/R) series, SC series, YSB/INI/BJM hydraulic winch series</p> <p><u>Gravity Lifeboat Release Mechanism</u> - BG-3/3R/3L/7/10, BH-HOOK3/5, FS5/7/10/13</p> <p><u>Freefall Lifeboat Release Mechanism</u> - BG-3F, 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F</p> <p><u>Rescue Boat Release Mechanism</u> - BG-2R, WUXI Xingsheng series, Jimo Changsheng series</p>
<p>Wuxi Xingsheng Gear Case Factory</p>	<p><u>Release Hook</u> - XS-15KN, 21KN, 25KN, 35KN</p>
<p>Wuxi Mingzi Machinery Manufacturing Co., Ltd</p>	<p><u>Lifeboat Hook Release Mechanism</u> - HK40, WHK40, WHK65</p> <p><u>Release Hook for Rescue Boats</u> - 15KN</p> <p><u>Automatic Release Hook for Life Rafts</u> - 21-25KN</p> <p><u>Combined Release Hook for Rescue Boats and Life Rafts</u> - 31-37KN</p>