NIPPON KAIJI KYOKAI

(Rewritten)

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. : **25TZ633**
Approval No. : **23LA019**

THIS IS TO CERTIFY that

PACIFIC SAFETY AGENCY PTE LTD

1 SUNVIEW ROAD, #01-39 ECO-TECH @ SUNVIEW, SINGAPORE 627615

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 **4 October 2028** subject to periodical assessment.

Issued at Tokyo on 8 December 2025.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)
General Manager of Survey Department

ClassNK

This certificate was rewritten because the licenses issued by makers have been changed.

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 18 November 2025.

Periodical Assessment — *Date* _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Occasional Assessment — *Date* _____

Signature _____

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.

Attachment to
Certificate Number 25TZ633

Make	Type
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd	**Gravity Davit** - LE45-1/55-1/65-1/85-1/100-1/138-1/170-1, HE65/85/100/138, H170, RE50/60/80/100, SRH65/85/100/120/150/170/200/230, GL65/85/110/138/165, TG65/85/110/150/170/200/230, HT80/100/150/210, LC400, RC60-EB **Launching Appliance Davit** - FH55/70/75/85/100 **Single Arm Davit and Crane** - SAF14/21, SAFC21/25, SA21/32, HDCL2-6.5/3-6/3-10, LA25/35, SH-21, DH30 **Off-Shore Davit** - PL65/85/100/110/120/138/150/180/200/230 **Fastrescue Boat Davit** - LFR30/35/55, LFRH30/60, LEFR50, DH30, SAWH30/45/60 **Boat Winch** - D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/ D65KN/D80KN/D100KN/D120KN/DP65KN/DP85KN/ D100PKN/DP110KN/DP120KN/DP138KN/DP150/ DP180KN **Totally Enclosed Lifeboat** - YH5.0QFP/QFN, YH6.5QFP/QFN, YH8.5QFP/QFN/QFP-A/QFN-A, YH10.3QFP/QFN, YH9.5QFP/QFN, YH12.0QFP/QFN, YH9.9BFP, YH12.5BFP, ZZHG-BF-12.5 **Free Fall Lifeboat** - YH5.9FP/FN, YH6.7FP/FN, YH7.5FP/FN, YH8.5FP/FN **Fast Rescue Boat** - YH6.0FRA/FRB, YH6.5FRA/FRB **Rescue Boat** - YH4.5R/4.5DR/7.5 **Hook** - HK25/25B/40/40C/65, SH55/70/85, Handle release hook 15KN, Automatic release hook 21KN/23KN/25KN/35KN
Jiangyin Wolong F.R.P Boat Co., Ltd.	**Totally Enclosed Lifeboat** - JY50C/F, JY50CA/FA, JY57C/F, JY60C/E/F, JY65C/F, JY70C/F, JY80C/F, JY80CA/FA, JY85C/F, JY85CA/FA, JY85CB/FB, JY93C/F, JY102/F, JY117C/F **Free Fall Lifeboat** - JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF **Rescue Boat** - JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR,

	JY65KR, JY75KR, JY85KR **Partially Enclosed Lifeboat** - JY70P, JY80P, JY85P **Open Type Lifeboat** - JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K **Gravity Luffing Arm Type Davit** - JY-LE14, JY-LE65, JY-LE85, JY-LE100, JY-LE150 **Launching Appliance of Free-Fall Lifeboat** - JY-FH55, JY-FH70, JY-FH90, JY-FH155 **Platform Davit** - JY-PL70, JY-PL110, JY-PL150, JY-PL185, JY-PL215 **Single Arm Boat/Raft Davit** - JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SR33S, JY-SAF33, JY-HSR23/16, JY-HSR33/23, JY-FCR2066, JY-FCR2305 **Rescue Boat Davit** - JY-PLR21, JY-LFR27, JY-LRHE18, JY-LRHE30, JY-LRHE70, JY-LFR35, JY-SAP14, JY-SAP30 **Gravity Overhead Rolling Type Davit** - JY-HE70, JY-HE95, JY-HE120, JY-HE155 **Telescopic Boom Type Davit** - JY-TBD 120, JY-TBD 215, JY-TBD35 **Hydraulic Luffing Arm Type Davit** - JY-GYE70, JY-GYE120, JY-GYE185 **Connecting Rod Type Davit** - JY-GL70, JY-GL95, JY-GL120, JY-GL185 **Crane/Raft Davit** - JY-FCR23kN-5m, JY-FCR2066, JY-FCR3066, JY-FCR2385, JY-FCR3510 **Winch** - JY-SAP14, JY-D23Z, JY-D23/16Z, JY-SAFC23, JY-D33/23Z, JY-SAF33, JY-LRHE30, JY-PLR21, JY-LFR27, JY-LRHE70, JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JY-D110S/Z, JY-DW125S, JY-DP110S/Z, JY-DP150/Z, JY-DP185, JY-DP215 **Release Mechanism of Lifeboat/Rescue Boat** - HK40, HK40A, HK50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS
JIANGYINSHI BEIHAI LSA CO., LTD.	**Boat** - Series of SC, JYB **Hook** - Series of JYBHK **Davit** - Series of SM, SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD **Winch** - Series of D, DW, HW, JYBW, FFW

Ningbo Asia F.R.P Boat Manufacturing Co., Ltd.	**Rescue Boat** - YZ4.5, YZ4.5S, YZ4.5SA, YZ45R, YZ60RB, YZ60RA **Totally Enclosed Lifeboat/Rescue Boat** - YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS, YZ65FS, YZ75C, YZ75F **Free Fall Lifeboat** - YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF **Gravity Luffing Arm Davit** - L25, L50, YZL-55, L65, L65S, LE85-1 **Electrical Lifeboat/Rescue Boat Winch** - DS25, DZ25, DS40, DS/Z40, YZD-42S, YZD-42Z, DS58, DZ58, D50S, D50Z, D63S, D63Z **Single Arm Rescue Boat/Liferafts Boat Launching Appliance & Crane** - ZF21/15 DZ14, ZF21 DZ14, ZF23/15 DZ14, ZF23 DZ14, ZF33 DZ25, B21/14, B21/14-2.5 **Rescue Boat Launching Appliance** - YZ-A30 **Free Fall Lifeboats Launching Appliance** - YZF55, YZF70 **Release Mechanism** - HK40, HK40B, YZHK40, YZHK40S
Ningbo New Marine Lifesaving Equipment Co., Ltd.	**Rescue Boat & Fast Rescue Boat** - NM43R(A), NM45R, NM45RB, NM60R **Totally Enclosed Life/Rescue Boat** - NML50C, NM50C/F, NM57C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F, NM117C/F **Free Fall Lifeboat** - NM52FC/NM52FF, NM59FC/FF, NM67FC/FF **Single Arm Rescue Boat (Rafts) Davit (Crane)** - NMSD14KN, NM(S)D23KN, NM(S)D25KN, NMC25, NMC30, NMSD33KN **Rescue Boat Launching Appliance** - NMAR30(-1), NMAR60, NM30 **Gravity Luffing Arm Davit** - NMD25KN, NMD40KN, NMD45KN, NMD55KN, NMD60KN, NMD65KN, NMD85KN, NMD120KN **Launching Appliance of Free Fall Lifeboat** - NMF55KN, NMF70KN **Platform Davit** - PD50, PD70, PD85, PD120 **Hydraulic Gravity Luffing Davit** - HLA85, HLA120, HLA210 **Hydraulic Telescopic Davit** - HTA70, HTA120 **Electric Lifeboat/Rescue Boat Winch** - NMW42L/R, NMW50L/R, D63S/Z, D80S/Z, DW100S/Z,

	DW145/Z **Hook** - HK40, HK65, HK105
Oriental Precision & Engineering Co., Ltd.	**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 **Free Fall Davit & Winch** - FD series, WL series **Rescue/Liferaft Davit & Winch** - RD series, RDW series
Qingdao Beihai Boatbuilding Co., Ltd.	**Totally Enclosed Lifeboat** - BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8 **Freefall Lifeboat** - BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900/A **Rescue Boat** - BH-R4, R4S, R4A, R4SA, R5S **Gravity Pivot Davit** - BD-PV50, PV60, PV60S, PV85, PV125 **Freefall Launching Davit** - BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67, FF85 **Single Arm Davit** - BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23 **Winch** - BW-H(L/R)31S, 50, 63, 75, L(L/R)75, 125, SC14, 21, YSB series hydraulic winch **Gravity Lifeboat Release Mechanism** - BG-3, 3L, BG-7, BH-HOOK3, HOOK5, FS5, FS7 **Freefall Lifeboat Release Mechanism** - BG-3F, 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F **Rescue Boat Release Mechanism** - BG-2R, WUXI XS15, 21, 23, 25, 35kn hook
Sheyang Saifute Marine Auxiliary Machinery Plant Jiangsu	**Gravity Luffing Arm Davit** - 14KN, 25KN, 50KN, 60KN, 90KN, 100KN, 120KN **Gravity Sliding Track Davit** - 15KN, 40KN **Cross Deck Gravity Sliding Track Davit** - 30KN, 110KN **Platform Davit** - 48KN, 110KN **Free Fall Lifeboat Launching Appliance** - 55KN, 70KN **Single Arm Rescue Davit** - 10KN, 14KN, SFTSA10DS **Single Arm Rescue Boat/Raft Launching Appliances** - 21KN, 25KN, 30KN, 40KN

	Life-raft Launching Appliance - 15KN, 21KN, 25KN, 35KN **Single Arm Rescue Boat/Raft Launching Appliances & Provisions Crane** - 21KN **Hydraulic Slewing Boat-Raft Davit** - SFT-14KN, FCD3T*10M, 25KN*10M **Fast Rescue Boat Davit** - SFT-AFR25, AR32 **Ele. Rescue Boat Winch** - 14KN, 25KN, 40KN, D50Z, 63KN, E100R, D100Z **Ele. Lifeboat Winch** - 25KN, 40KN, D50S, 63KN, E70L, D100S, E100L
SHEYANG VICTOR MARINE AUXILIARIES CO., LTD.	**Electric Lifeboat/Rescue Boat Winch** - WLT/DZA14, WLT/DSA25, WLT/DZA25, WLT/DS.Z36, WLT/DSA40, WLT/DZA40, WLT/DS.Z48, WLT/DS/ZA50, WLT/DS.Z55, WLT/DZA70(P), WLT/DS.Z70, WLT/DSZ90, WLT/DS/ZA100, WLT/DS/ZA100(P) **Gravity Luffing Arm Type Davit** - WLT/LA25, WLT/AS33, WLT/LA40, WLT/LZA50, WLT/LA50, WLT/LA56, WLT/R60, WLT/LA60, WLT/LA70, WLT/LA90, WLT/LA100, WLT/AS110, WLT/LA120 **A Type Davit** - WLT/LR36 **Platform Type Davit** - WLT/PL5, WLT/PL90, WLT/PL110 **Freefall Launching Appliance** - WLT/FH55, WLT/FH70 **Manual Crane** - WLT/SQ21-2 **Single Arm Boat/Raft & Provision Davit** - WLT/SA21/15 **Hydraulic Gravity Luffing Arm Type Davit** - WLT/SA25 **Boat/Raft Davit & Luffing Crane** - WLT/SA21, WLT/ESC23-6m **Multifunctional Hydraulic Telescopic Slewing Crane** - WLT/YESC3t **Hydraulic Crane and Boat/Raft Landing Device** - SWLTA21-3t-6m
T-ISS B.V.	**Hook** - T-ISS PX-01, PX-02, PX-03
Vanguarde Pte Ltd	**Lifeboat & Rescue Boat** - VG, VG-FF/FC, KR, DB, DRS, DR4, HLB, HLBLR, FRK, FRW **Hook(LRRS)** - C-SAFE, SPEARHEAD, HK, SHF

	Davit - LVD, PL, A, PLR, SRH, LR, VAE, VAH, VL, VL-G, VS, VF, HSD **Winch** - DW/D, DW/S, SLR, DWP, HW, PRH, VW/S, VW/Z
Wuxi Dongwu Marine Equipment Co., Ltd	**Gravity Luffing Arm Davit** - 18kN, 25kN, 40kN, 50kN, 60kN, 60kN(60L), 85kN, 110kN, T2.5, Sk50 **Gravity Sliding Track Davit** - 25kN, 30kN **Free-fall Lifeboat Launching Appliance** - F55, F70, NPT100F **Rescue Boats/liferafts Launching Appliances** - 21kN(manual), 21kN(Electrical), 21kN(Electrical/hydraulic), 25kN(Electrical/hydraulic), 35kN(Electrical/hydraulic), DWC210 **Rescue Boats Launching Appliances** - A30, H35 **Lifeboat Winch** - DS*ZY25, DS*ZY40, D50S, DS*ZY63, D63S, 80kN (life) **Life/rescue Boat Winch** - DZY/Z21, DZ*ZY25, DZ*ZY40, D50Z, DZ*ZY63, D63Z, 80kN(rescue)
Wuxi Hai Hong Boat Making Co., Ltd.	**Totally Enclosed Life/Rescue Boat** - HH70C/HH70T(QFP7.0/QFN7.0), HH85CS/HH85TS(QFP8.5/QFN8.5), HH65CS/HH65TS(QFP6.5/QFN6.5), HH75CS/HH75TS(QFP7.5/QFN7.5), HH80CS/HH80TS(QFP8.0/QFN8.0), HH65C/HH65T (QFP(H)6.5/QFN(H)6.5), HH50C/HH50T, HH53C/HH53T(QFP(H)5.3), HH75C(QFP(H)7.5), HH85C/HH85T, HH57C/HH57T **Freefall Lifeboat** - HH59FC/HH59FF, HH76FC/HH76FF **Rescue Boat** - GJ4.5B/GJ4.5B1 **High Speed Rescue Boat** - GJ618A/GJ618B **Release Gear** - HH76/HH43/HH30/HH20
Wuxi Mingzi Machinery Manufacturing Co., Ltd	**Lifeboat Hook Release Mechanism** - HK40, WHK40, WHK65 **Davit-launched Rescue Boat Manual Release Hook** - 15KN(150-T) **Davit-launched Life Raft Manual Release Hook** - 21-25KN(250-T) **Life Raft/Rescue Boat Manual/Automatically Release Hook** - 31-37KN(370-T)

Wuxi Wenjiao G. F. R. P. Factory	**Totally Enclosed Life/Rescue Boat** - WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C **Free Fall Lifeboat** - WJ59FF, WJ59FC, WJ67FF, WJ67FC **Rescue Boat** - WJ40R, WJ45KR, WJ45D3, WJ45D, WJJZ45, WJ55D, WJ60RA, WJ60RB **Life Boat** - WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85 **Release Gear** - WJHK40, WJ30HK, WJHK55, WJ63HKC, WJ67HK, WJ40
Wuxi Xingsheng Gear Case Factory	**Release Hook** - 15KN(XS15), 21KN(XS21), 23KN(XS23), 25KN(XS25), 35KN(XS35)
Zhejiang Hengxin Ship Equipment Co., Ltd.	**Lifeboat** - BCC, BCF, BCFC, BCFF **Rescue Boat** - GJ, FRH, RH **Release Mechanism** - HK **Davit** - FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN **Winch** - DZB, D, DW
Zhejiang Norsier Lifesaving Equipment Technology Co., Ltd	**Lifeboats/Rescue Boats** - NYF & NYC, NYPF&NYPC, NYZ **Davits** - NLB, NSA, NHCD, NFH **Winches** - N **Release Mechanism** - NHK
Zhejiang Wantong Heavy Industry Co., Ltd.	**Lifeboat** - BJ, BCC, BCF, BCFC, BCFF **Rescue Boat** - GJ, FRH, RH **Release Mechanism** - HK **Davit** - FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN **Winch** - DZB, D, DW
Zhejiang Yingpeng Marine Equipments Manufacturing	**Gravity Hinge Type** - T25, T40, LYP65 **Electric Motor Winch** - DJB25, DJB40, DJB50, DJB63, DZB25, DZB40, DZB50, DZB63 **Free-Fall Davit**

Co., Ltd	- FH55, FH70 **Single Arm Davit** - ZF21/3.8
Zhenjiang DH Marine Equipment Co., Ltd.	**Davit** - FFH, HSD, LPLG, LE, MSD, PR, PRH, SGL **Winch** - DW, WME
West Marine Equipment Pte Ltd / Zhenjiang West Marine Equipment Co., Ltd	**Single Arm Davit** - WME-SAD14/23/30 **A-frame Davit Semi Hydraulic System** - WME-LR30 **A-frame Davit Fully Hydraulic System** - WME-LRH35/75 **Conventional Davit** - WME-MGD185 **Boat Raft Davit** - WME-HTD30 **Winch** - WME-SAD14, SAD23, SAD30 , LR30, LRH35, LRH75, MGD185, HTD30

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