(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. : **25TZ389**
Approval No. : **12LA029**

THIS IS TO CERTIFY that

MERMAID MARITIME VIETNAM COMPANY LIMITED
Road 12, Dong Xuyen Industrial Park, Rach Dua Ward, Ho Chi Minh City, Viet Nam

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 **17 July 2027** subject to periodical assessment.

Issued at Tokyo on 3 September 2025.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)
General Manager of Survey Department

This certificate has been issued to update the name and address of the firm.

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 16 July 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 25TZ389

Make	Type
NISHI-F Co., Ltd. (Ex. Nishi Nippon F.R.P. Shipbuilding Co., Ltd.) Ishihara Dockyard Co., Ltd.	**Lifeboat/Rescue Boat** - G series, ML series, F series
SEKIGAHARA SEISAKUSHO LTD.	**Gravity Type Davit** - SH, SFB, SHS, STS, SSS **Free-fall Lifeboat Davit** - SFS, SFA, SFB, SFC, SFD **Rescue Boat Davit** - SJS, SJR **Winch** - SNW, SWE
Mansei Inc.	**Davits** - 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- **Winches** - Series of EBW-, ABW-, AW-, EW-, MW-, CMW-, 06., FW-, SW-, RMW-, MLW-, ERW- **Release Hooks** - Series of RH-
Miura Machine Co., Ltd.	**Davits** - Series of SP, MVD, GRA, SAR **Winches** - Series of BH, BE, BA
Fassmer Service GmbH & Co. KG.	**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 (R)8.5/10.0/11.7/12.8 **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

	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/-R 8.15/15.75/ -T 10.75 **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 **Partially Enclosed Lifeboats, Tenderboat and Rescue Boat** - SEL-RT 7.7/7.5/8.5 **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/4.5ID **Rescueboat** - RIR 625ID **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/ LBC 300/SAR 40/-R 22/-R 23/-R 25/-R 40/TC 450 **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 **Fassmer Winch** - DEW 40/85/2000 **Fassmer Winch/Rescue Boat Crane** - DEW 8/150 - FWD 40 RB **Fassmer Freefall Winch** - FFWH
Shigi Shipbuilding Co., Ltd.	**Lifeboats/Rescueboats and Release Gear** - SZ series, FEL series, VOX series, GARS series, OPEN type
HLB (ex, Hyundai Lifeboats) Co., Ltd.	**Lifeboat & Rescue Boat** - Series of HD, HT, HDL, HLB, HDF, HDFL, HDFN, HDR, HDFR **Release Mechanism** - Series of THP, Titan, Talon, Talon II
BADA Heavy Industries (ex, D.R.M) Co., Ltd.	**Davit** - Series of DRM, DRBD, BDH, BDTD, BDHP, BDTW, BDRW, BDM, BFOD, HDL, BHR, FF, HDFL, HDF, BDF, BDFD, BDR, BDH, BDA, BDFA, BDL, BDR, BLR, BHI **Winch** - Series of DRM, DRBW, HLDF, BAW, BDF, BDFD, HDFL, HDF, BHI, BLR, BLW, BMW, BRW, BWL, BWR, FHW **Release Mechanism** - Series of BDR, BHA, BHR
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

VIKING-NORSAFE (Jiangyin Jorgensen & Vik Watercraft Hellas)	**RB/FRC/Liferaft Davit** - NDA, NDC, NDSC, NRB, NRC **Winch** - NW-NO, NW, NWR **Lifeboat Davit** - A, C, D, E, GRA, H, LH, LHD, ND-SPG, NDC-L, SPGL **Rescue Boat/FRC** - GRP1, Magnum, Mako, Matrix, Merlin, Midget, MOB, RIB-450, RIB-500, WHFRB **Freefall Davit** - H, HD, SW **Release Gear** - 1.6T on-load/off-load, DIB, HK, HRS, K4, NFFH, NLH, RCH, TOR **Freefall Lifeboat** - GES **Conventional Lifeboat** - 11.5PE, 8.5PE, Evolution, JYN, Maggie, Maria, Mathilda, Maud, Maxima, Mina, Minima, Miriam, MKV, Watercraft 378
Qingdao Beihai Boatbuilding Co., Ltd.	**Totally Enclosed Lifeboat** - BH-5, 6, 7, 8, 9, 10 series, BH-E series **Freefall Lifeboat** - BH-F series **Rescue Boat** - BH-R series, BH-HR series **Gravity Pivot Davit** - BD-PV series, BD-AR series **Offshore Davit** - BD-PL series **Single Arm Davit** - BD-SA series, BD-SH series, FA36, RBD966 **Freefall Launching Davit** - BD-FF series **Winch** - BW-H(L/R) series, L(L/R) series, SC series, YSB/INI/BJM hydraulic winch series **Gravity Lifeboat Release Mechanism** - BG-3/3R/3L/7/10, BH-HOOK3/5, FS5/7/10/13 **Freefall Lifeboat Release Mechanism** - BG-3F, 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F **Rescue Boat Release Mechanism** - BG-2R, Wuxi Xingsheng series, Jimo Changsheng series

Sanyo Works Co., Ltd. Kambara Ringyo Co., Ltd. Tsuneishi Forestry Construction Co., Ltd. Tsuneishi Holdings Corporation Tsuneishi Forestry Construction Company	**Lifeboat** - 7.32M open type, KL-6.5TE, KL-6.5FP, TL-6.5TE, TL-6.5FP, TL-5.7TE **Release Gear** - Fixed type hook, 43GS-1(A), 43GS-1(B), 43GS-1(C), 43GS-1(D)
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
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.)	**Free Fall Lifeboat** - 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 **Rescue Boat** - GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2 **Totally Enclosed Lifeboat** - 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 **Hook** - JX and JXN Series **Gravity Luffing Arm Type Davit** - JYL52, JYL55, JYL65, JYL68, JYL85, JYL105, JYL135 **Launching Appliance** - JYF55, JYF75, JYF75-A, JYF75-B, JYF90 **Platform Davit** - JYP65, JYP85, JYP105, JYP135 **Single Arm Davit** - JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30, JYR23

	Electric Boat Winch - FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21
Hoei Senpaku Co., Ltd.	**Lifeboats/Rescue Boats** - HS650, HS650F, HS520, HS520F, SO, SM, FO, FM
Japan Marine United Corporation Yokohama Shipyard, Craft Group	**Gravity & Free Fall Life Boat** - Series of GF, GT, GTR, GTC, S, G, MU-FN, MU-FF **Gravity & Free Fall Davit** - Series of MUL, MUF **Winch** - Series of MUW **Rescue Boat** - Series of MU-GJ **Rescue Davit** - Series of MUR **Others** - JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate
Kyoritsu Kikai Co., Ltd.	**Launching Appliance of Free Fall Lifeboat** - Series of LAF **Launching Appliance of Liferaft/Rescue Boat** - Series of DBZ
Fassmer-Marland Ltd.	**Davit Launched Totally Enclosed Lifeboat** - DRAGON 26C, 26T, 32C, 32T, 38C, 38C-M, 38T - GMR 6.5, -T6.5, 7.4, -T7.4 - HH57C, 57T, 65C, 65T, 70C, 70T - CLR-C5.9, T5.9 **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) **Rigid Rescue Boat** - RR4.2/RR4.2-M - RRH4.2 - RR4.2 ID **Fast Rigid Rescue Boat** - FRR6.1 ID, 6.2 ID **Onload Release Gear** - Duplex 2.5, 2.5E, 25E2, 5.0, 5.0E, 50E2 - HH43 **Pivot Davit** - FPD-D60, D68, DH68 - SRH70 **Freefall Davit** - FFH49, 49D, 66, 66D, 72, 77, 83 **Freefall Ramp** - FLR49, 66, 72

	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 **Winch for Pivot Davit** - DEW 15-24, 15-35, 15-44 - D52L/D52R - DW34S/DW34Z - MW50/MW50C for Davit FPD-D60 **Winch for Freefall Davit** - FW35 **Winch for Rescue Boat Crane** - DEW 150, 450 - RZ25
Hai Hong Boat Making Co., Ltd. (Guangzhou)	**Davit Launched Totally Enclosed Lifeboat** - HH57C, 57T, 65C, 65T, 70C, 70T (Hai Hong type) **On Load Release Gear** - HH43 (Hai Hong type)
NARWHAL BOATS SL	**Rescue Boats** - SV-400, SV-420, SV-480, SV-750 **Fast Rescue Boat** - FRB-700
d-i davit international-hische 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 **Normal Pivot Davit** - D-NP series excl. D-NP. MP and D-NP. SP series **Boat Davit** - D-BC series, D-BR series **Rescue Boat Davit** - D-CL series, D-CR series, D-NPS. SP series, D-SR series, D-NPS. MP series, D-RTT series **Raft Handling Davit** - D-RC series, D-RB series **Rescue Boat Hook** - RH series, OLH series **Liferaft Hook** - OLRH series **Fast Rescueboat Davit** - D-CRm. FR series, D-CRm. MOR series, D-CRm. R. FR series, D-NPS. FR 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
PESBO SPAIN SL	**Totally Enclosed Lifeboats/Fire Protected Totally Enclosed Lifeboats** - BSC-25M/MCI, BSC-30M/MCI, BSC-40M/MCI, BSC-50M/MCI, BSC-65M/MCI **Partially Enclosed Lifeboats** - BS-25M, BS-30M, BS-40M, BS-50M, BS-65M, BS-99M, BS-150M **Free Fall Lifeboats/Fire Protected Free Fall Lifeboats** - BSL-20M/MCI, BSL-30M/MCI, BSL-40M/MCI **Rescue Boats** - BR-500/FB, BR-650 **Tender Lifeboats** - BS-TD-150M/ME

-- The End --