



NIPPON KAIJI KYOKAI

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

Certificate No. : 20KB00247

Approval No. : 14LA012

THIS IS TO CERTIFY that

Mizuno Marine Co., Ltd.

1-12-15, Meishinguchi, Toyonaka-City, Osaka, Japan

is approved as a firm engaged in maintenance, through examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear under the Society's Rule for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

Issued at Kobe on 27 January 2020.

Valid until : 26 June 2020

NOTE This certificate is valid until the issuance of the new CERTIFICATE OF APPROVAL issued by the Society's Head Office. The final certificate will be issued within 5 months.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI


(N. Takahashi)
Class NK Kobe Branch
General Manager



Condition for Approval:

1. This Certificate is valid until validity of certificate for personnel issued for following equipment.
2. The service supplier has been approved to service following equipment in accordance with MSC. 402(96).

Make	Type
HLB Co., Ltd. / BADA Heavy Industries Co., Ltd.	Lifeboat (HD32T/F, HD44T/F, HD60T, HD L65~85CT/F(A), HDL85CNT/F, HDL71CT R/CFR, HDL75CTR/CFR, HLB65T/F, HLB 105F, HDFL740T/F, HDF25T/F, HDF32T/ F, HDFN25T/F, HDFN35T/F, HDR420, H DR475, HDR570, HDFR600, HDFR680) Release Mechanism (Talon II4.0/6.0T, Talo n9.0T, THP, Talon 4.6T, BHR25S, BHA25 S, BHR35F, BHR60F, BHR80F) Davit (BDH58S, BDH70S, BDH90S, BDH 125S, BDTD60P, BDHP95S, BDTW25S, B DRW100S, BDM70S, BDM130S, BDM170 S, BFOD90S, HDFL740, HDF25/32t, BDF 25S, BDF35S, BHI-RLD25, BHI-RD42M, BDR6P, BDR25S, BDR25U, BDR25F, BD R35S, BDA16S, BDA20S, BDA25S, BDF A35S, BDL25/35S, BHI-LRD15/20M, BLR 20S Winch (BAW25RG, BLW25M, BMW82L, BRW25F/S/U, BWL40S/U/50S/8S/66S, BW R40S/U/50S/58S/66S, FHW045)
Mansei Inc.	Davit (Series of M, H, HR, V, T, BD, S, SR, R, RD, FH, FE, MFR, MGR) Winches (Series of W, RW, AW, BW, S W, LW, 06, FW) Release hook (Series of RH)
Miura Machine Co., Ltd.	Davits (Series of SP, MV, GRA, SAR) Winches (Series of BH, BE, BA)
Oriental Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit & Winch (HG D series, HGK series, SHS series, RTD se ries, DHA series, DMA series, BWE serie s, SWE series, WL series) Free Fall Davit & Winch (FD series, WL series) Rescue / Liferaft Davit & Winch (RD seri es, RDW series)

Hatecke GmbH	Rescue boat (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) Lifeboat (GFF, GFF-T, GSAR, GSL, GSL-T) Release Gear (Duplex 2.6, Duplex 3.0, Duplex 3.5, Duplex 4.3/4.6, Duplex 6.0, GFF-R-10, GFF-R-11, GFF-R-8, RAFTI 2.5, Simplex 2.0 Off-Load, Simplex 2.0 to, Simplex 2.0i, Simplex 3.0, Simplex 4.3, Simplex 6.0)
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (Jiangyin Xinjiang F.R.P. Co., Ltd.)	Free Fall Type (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) Rescue Type (GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ6.0B-1) Gravity Type (JY-QFP-5.0, JY-QFP-5.25, JY-QFP-6.0A, JY-QFP-6.50, JY-QFP-7.0, JY-QFP-7.5) Gravity Type(Fire-protect) (JY-QFN-5.0, JY-QFN-5.25, JY-QFN-6.0A, JY-QFN-6.50, JY-QFN-7.0, JY-QFN-7.5) Gravity luffing arm type (JYL52, JYL55, JYL65, JYL85) Launching appliance (JYF55, JYF75, JYF90) Single arm davit (JYR21, JYRC21, JYR14, JYRH14, JYRH21) Winch Type (JYW42, JYW50, JYW70, JYW100)
Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.	Lifeboat (BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8, BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900, BH-R4, R4S, R4SA, R5S, HR6, HR7) Davit (BD-PV50, PV60, PV60S, PV85, PV125, AR125, AR160S, BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF66, FF67, FF85, BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23)
ShinMyung Tech Co., Ltd.	Launching Appliances (SM-LRD, SMRB&PVH, SMRB&LR, SMRBD-LSW, SMLRD-LSW, SMRB&LR-NLSW)

Fassmer

Lifeboats / Tender (GMR 5.9, TGMR 5.9, GMR 6.5, TGMR 6.5, GMR 7.4, TGMR 7.4, GMR 8.3, TGMR 8.3, CLR-C 5.9, CLR-T: 5.9, CLR-C 6.4, CLR-T 6.4, CLR-C 6.8, CLR-T 6.8, CLR-C 7.2, CLR-T 7.2, CLR-C 7.6, CLR-T 7.6, CLR-C 8.1, CLR-T 8.1, CLR-C 8.5, CLR-T 8.5, CLR-C 8.9, CLR-T: 8.9, CLR-C 9.4, CLR-T 9.4, CLR-C 9.8, CLR-T 9.8, CLR-C 10.2, CLR-T 10.2, CLR-C 10.7, CLR-T: 10.7, CLR-C 11.1, CLR-T 11.1, CLR-C 11.5, CLR-T 11.5, CLR-C 11.9, CLR-T 11.9, CLR-C 12.4, CLR-T 12.4, CLR-C 12.8, CLR-T 12.8, CLR-C 13.2, CLR-T 13.2, CLX® 8.5, CLX 10.0, CLX 11.7, CLX 12.8, CFL 4.9, CFL-T 4.9, GAR 6.0, GAR-T 6.0, GAR 6.8, GAR-T 6.8, GAR 6.7, GAR-T 6.7, GAR 7.4, GAR-T 7.4, GAR 8.1, GAR-T 8.1, GAR 7.7, GAR-T 7.7, GAR 8.5, GAR-T 8.5, CFL-C 66, CFL-T 66, CFL-C 72, CFL-T 72, CFL-C 77, CFL-T 77, CFL-C 83, CFL-T 83, CL-P 5.9, CL-P 6.4, CL-P 6.8, CL-P 7.2, CL-P 7.6, CL-P 8.1, CL-P 8.5, CL-P 8.9, CL-P 9.4, CL-P 9.8, CL-P 10.2, CL-P 10.7, CL-P 11.1, CL-P 11.5, CL-P 11.9, CL-P 12.4, CL-P 12.8, CL-P 13.2, SEL 8.15, SEL 8.8, SEL 9.6, SEL 10.5, SEL 10.55, SEL 11.80, SEL 12.5, SEL-R 8.15, SEL 15.75, SEL-T 10.75, TL Limo 1100, SEL-T 11.0, SEL-T 11.7, SEL-T 12.3, SEL-T 14.0, SEL-T 14.7, SEL-T 15.75, PLL 1099, PLT-EVO 170, SEL-RT 7.7, SEL-RT 7.5, SEL-RT 8.5, SEL 11.0 (-T), SEL-R 7.4, SEL-R 8.5, SFB 10.1)

Rescue Boats / Fast Rescue Boats (RR 4.2, RR 4.2-M, RR 4.5 ID, RIR 625 ID, FR (I)R 6.1, FR (I)R 6.1 ID, FRR 6.2 ID, FRR 6.5 ID-SF, FRR 6.6 ID, FRR 7.0 ID-SF, FRIR 6.25, FRR 7.0)

Onload Release Gears; Lifeboat Release and Retrieval Systems (FFRU 6.6, FOH 27, FOH 30, FOH 70, Duplex 25E2, Duplex 2.5E, Duplex 50E2, Duplex 5.0E, Duplex 60E2, Duplex 6.6E, Duplex 10E, Duplex 140E2, Duplex 14E, Duplex 17E, Duplex 180E2, Duplex 230E2, Duplex 23E)

Davits / Cranes (FHD 80, FHD 100, FHD 120, FHD 130, FHD 150, FHD 170, FHD 172, FHD 280, FHD 450, FHDY 100, FFH 45, FFH 65, FPD 55, FPD 60, FPD 100, FPD 80, FPD 120, FPD 150, FPD 170, FPD D60, FFH 49, FFH 50, FFH 60, FFH 66, FFH 70, FFH 72, FFH 75, FFH 77, FFH 80, FFH 83, FFH 85, FFH 90, FLR 49, FLR 66, FLR 8005, FLR 8006, FLR 8007, FMPD 100, FMPD 130,

	FMPD 150, FMPD 160, FOD 100, FOD 120, FOD 130, FOD 150, FOD 170, FOD 190, FOD 40R, FOD 50, FOD55, FOD80, FOD LBC 300, FOD SAR 40, FOD-R 22, FOD-R 23, FOD-R 25, FOD-R 40, FOD TC 450, FOSV 71, FSAH 22, FSAH 28, FSAH 32, FSAR 12/3.5, FSAR 14/2.9, FSAR 14/3.5, FSARR 14/3.5, FSAR 21/4.0, FSAR 21/4.5, FSARR 21/3.8, FSARR 21/4.0, FSARR 21/4.3, FSAR 22/4.5, FSARR 22/4.0, FSAR 28, FSAR 40, PRHE 30) Winches (DEW 40, DEW 85, DEW 2000, DEW 8, FWD 40 RB, DEW 150, FFW H)
Jiangyin Wolong F.R.P Boat Co., Ltd.	Lifeboat & Rescue (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, JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF, JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR, JY65KR, JY75KR, JY85KR, JY70P, JY80P, JY85P, JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K) Davit & Winch (JY-LE65, JY-LE85, JY-LE100, JY-LE150, JY-FH55, JY-FH70, JY-FH90, JY-FH155, JY-PL70, JY-PL110, JY-PL150, JY-PL185, JY-PL215, JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SR33S, JY-SAF33, JY-HSR23/16, JY-HSR33/23, JY-FCR2066, JY-FCR2305, JY-PLR21, JY-LFR27, JY-LRHE30, JY-LRHE70, JY-LFR35, JY-SAP14, JY-SAP30, JY-HE70, JY-HE95, JY-HE120, JY-HE155, JY-TBD120, JY-TBD215, JY-TBD35, JY-GYE70, JY-GYE120, JY-GYE185, JY-GL70, JY-GL95, JY-GL120, JY-GL185, 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)
Wuxi Hai Hong Boat Making Co., Ltd.	Totally enclosed life / rescue boat series (HH50C/HH50T, HH53C/HH53T, HH57C/HH57T, HH65C/HH65T, HH65CS/HH65TS, HH70C/HH70T, HH75CS/HH75TS, HH75C, HH80CS/HH80TS, HH85C/HH85TS) Freefall Lifeboat series (HH59FC/HH59FF, HH76FC/HH76FF) Rescue Boat series (GJ4.5B/GJ4.5B1) High Speed Rescue Boat (GJ618A/GJ618B)

Fassmer-Marland	Lifeboats (DRAGON 26C, DRAGON 26T, DRAGON 32C, DRAGON 32T, DRAGON 38C, DRAGON 38T, GMR 6.5, GMR-T 6.5, GMR 7.4, GMR-T7.4, HH57C, HH57T, HH65C, HH65T, HH70C, HH70T, CLR-C5.9, CLR-T5.9, GAR 6.7, GAR-T6.7, GAR 7.4, GAR-T7.4, CFL-C49(E), CFL-T49(E), CFL-C66(E), CFL-T66(E), CFL-C72(E), CFL-T72(E), CFL-C77(E), CFL-T77(E), CFL-C83(E), CFL-T83(E)) Rescue Boats / Fast Rescue Boats (RR4.2/RR4.2-M, RRH4.2, RR4.2 ID, FRR6.1 ID, FRR6.2 ID) Onload Release Gears / Lifeboat Release & Retrieval System (Duplex 2.5, Duplex 2.5E, Duplex 25E2, Duplex 5.0, Duplex 5.0E, Duplex 50E2, HH43) Davits / Cranes (FPD-D60, FPD-D68, FPD-DH68, SRH70, FFH49, FFH49D, FFH66, FFH66D, FFH72, FFH77, FFH83, FLR49, FLR66, FLR72, FSAR 14/3.5HS, FSARR 14/3.5HS, FSAR 4.0/3.5HS, FSAR 21/4.0HS, FSARR 21/4.0HS, FSARR 22/4.0HS, FMAH 22KN, FSAR 25) Winches (DEW 15-24, DEW 15-35, DEW 15-44, D52L/D52R, DW34S/DW34Z, MW 50/MW50C, FW35, DEW 150, DEW 450, RZ25)
Global Davit	Launching Appliances (Fhs, Rms., Rhs., Rhp., Rht., Rsp., Lms., Lhs., Lgp., Rhp.HC., Rhs.H.C., Gsp., Glp.)
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))
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd.	Gravity davit (LE55, LE65, LE85, LE100, LE138, LE170, HE65, HE85, HE100) Launching appliance davit (FH55, FH70, FH75, FH85, FH100) Single arm davit and crane (SAF14, SAFC 21, SAFC25, SA32, HDCL2-6.5, HDCL3-6, HDCL3-10) Off-Shore davit (PL65, PL85, PL100, PL110, PL138) Fastrescue boat davit (LFR30, LFR35, LFRH30)

1. The service has been properly conducted and reported in accordance with the requirements of the Rules and relevant Regulations.
2. Where there is alteration to the service approved by this certificate, the Firm should Notify immediately the Society.

