NIPPON KAIJI KYOKAI

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. : **26TZ248**
Approval No. : **16LA014**

THIS IS TO CERTIFY that

ONURSAN USA (AMERICAN MARINE SAFETY)

2831 South Houston Ave, Building #11, Humble, TX UNITED STATES

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 **28 April 2031** subject to periodical assessment.

Issued at Tokyo on 5 June 2026.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(K. Nagata)
General Manager of Survey Department

ClassNK

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 29 April 2028 and 28 April 2029*

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 26TZ248

Make	Type
ARIM Machinery & Engineering Co.	**Rescue Boat & Life Raft Launching Appliance** - ARPV/RVD-2109 CSN Series, ARPV/RVD-1875 QHS Series, ARPV/RVD-2260 Jinse Series, ARPV/RLD-2260 SH Series, ARPV/RVD-2108 SK-H Series, MS06/07 Series, LRBD-20 SH Series, ARBD-0512 Series **Life Raft Launching Appliance** - ARLD-20P SK-H Series, ARPV/LD-2050 SK-H Series, ARPV/LRD-2050 SK-H Series **Lifeboat Launching Appliance** - AHC-18P ELBW-50
Sangsangin Industry Co., ltd. (ex. Dongnam Marine Crane Co., ltd. and Dongnam Enterprise)	**Launching Appliances** - Hinged Gravity Type: DHG-57-FM, HGW-40-FM, DHG-70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-61-DM, DHGD-11-E2E7 - Single Arm Type: DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ - Freefall Type Davit: FF, HDF - DSAM11-E2M0
Fassmer-Marland Ltd.	**Davit Launched Totally Enclosed Lifeboat** - DRAGON 26C, DRAGON 26T, DRAGON 32C, DRAGON 32T, DRAGON 38C, DRAGON 38T, GMR 6.5, GMR-T6.5, GMR 7.4, GMR-T7.4, HH57C, HH57T, HH65C, HH65T, HH70C, HH70T, CLR-C5.9, CLR-T5.9, CLR-C8.5, CLR-T8.5 **Free Fall Lifeboat** - 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) **Rigid Rescue Boat** - RR4.2, RR4.2-M, RRH4.2, RR4.2ID **Fast Rigid Rescue Boat** - FRR6.1ID, FRR6.2ID **Onload Release Gear** - Duplex 2.5, 2.5E, 25E2, 5.0, 5.0E, 50E2 - HH43 (Hai Hong Type) **Free Fall Lifeboat Release Mechanism** - Single Type 5.1 - FM53 **Pivot Davit** - FPD-D52, FPD-D60, FPD-D68, FPD-DH68, SRH50, SRH70 **Free Fall Davit** - FFH49, FFH49D, FFH49W, FFH66, FFH66D, FFH72, FFH77, FFH83

	Free Fall Ramp - FLR49, FLR66, FLR72 **Rescue Boat Crane** - FSAR 14/3.5HS, 4.0/3.5HS, 21/4.0HS, 21, 25, 25D,25W, 40W - FSARR 14/3.5HS, 21/4.0HS, 22/4.0HS, - FMAH 22KN, **Winch for Pivot Davit** - DEW 15-24, DEW 15-35, DEW 15-44, D52L/D52R, DW34S/DW34Z, MW50/MW50C for davit FPD-D60 **Winch for Free Fall Davit** - FW35 **Winch for Rescue Boat Crane** - DEW 150, DEW 450, RZ25, DZA20
Hai Hong Boat Making Co., Ltd. (Guangzhou)	**Davit Launched Totally Enclosed Lifeboat** - HH 57C, HH 57T, HH 65C, HH 65T, HH 70C, HH 70T (Hai Hong Type) **Onload Release Gear** - HH43 (Hai Hong Type)
GEPA-FIBERGLASS INDUSTRY & TRADE CO. INC.	**Free Fall Lifeboats** - G-FFF1, G-FFF1-FP, G-FFF2, G-FFF2-FP, G-FFF3, G-FFF3-FP **Totally Enclosed Lifeboats** - G-F6K, G-F6K-FP, G-F4K, G-F4K-FP, G-F3K, G-F3K-FP **Partially Enclosed Lifeboats** - G-F6YK, G-F4YK, G-F3YK, G-F3YK-T **Oen Type Lifeboats** - G-F5, G-F2, G-F1, G-F6, G-F4, G-F3 **Service & Utility Boats** - 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 **Rescue Boats & Hook Release Devises** - G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-RIB1, G-K1, G-K2
GURDESAN Gemi Mak. San. Ve Tic. A.S.	**Rescue Boat & Life Raft Davit** - GD.RRS 15/3,5 & 15/3,5A, 21/4.0, 25/4.0, 25A, 64A, 64B - GD.HBMA.30/50 - GD.HBMK.30/5-6-7-8, 40/5-6-7-8, 50/5-6-7-8 **Rescue Boat & Life Raft & Hose Handling Crane** - GD.KHK 20/4-5-6-7-8-9-10, 30/6.5, 60/13.5 **Side Launching Davit** - GD.GR 20, 25, 40, 43 **Free Fall Davit** - GD.FFD 10C, 12, 12Y, 15A, 18, 19, 19A, 19C, 19E, 20, 20B, 20Y, 21, 21Y, 22, 22Y, 25, 25A, 25B, 25C, 26, 28, 35
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
Japan Marine United Corporation Yokohama Shipyard, FRP Group	**Gravity & Free Fall Lifeboat** - 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 nameplated with JG ship inspection approval certificate
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.)	**Freefall 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, JXN Series **Gravity Lifting Arm Type Davit** - JYL52, JYL55, JYL65, JYL85, JYL105, JYL135 **Launching Appliance** - JYF55, JYF75, JYF75-B, JYF90 **Platform Davit** - JYP65, JYP85, JYP105, JYP135 **Single Arm Davit** - JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR23, JYR26, JYR30 **Electric Boat Winch** - FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100,

	JYWP135, JYW35, JYRZ21
JIANGYINSHI BEIHAI LSA CO., LTD.	**Boat** - Series of SC, JYB **Hook** - Series of JYBHK, HK **Davit** - Series of SMRF, BGP, GLR, BHSA, LBS, SM, SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD **Winch** - Series of D, DW, HW, JYBW, FFW, BHEW
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.	**Davit** - Series of SP, MVD, GRA, SAR Winch - Series of BH, BE, BA
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
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 Boat/Life Raft Davit & Winch** RD series, RDW series
Qingdao Beihai Boatbuilding Co., Ltd. (Ex. Boatbuilding Branch of Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd)	**Total Enclosed Lifeboat** - BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8 **Free Fall Lifeboat** - BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900/A **Rescue Boat** - BH-R4, R4S, R4SA, R5S

	Gravity Pivot Davit - BD-PV50, PV60, PV60S, PV85, PV125 **Free Fall Launching Davit** - BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67/85 **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, YSB20-120 **Gravity Lifeboat Release Mechanism** - BG-3, 3R, 3L, BG-7, BH-HOOK3, HOOK5, FS5, FS7 **Free Fall Lifeboat Release Mechanism** - BG-3F, 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F **Rescue Boat Release Mechanism** - BG-2R, Wuxi Xingsheng 15, 21, 23, 25, 35KN Hook
SEKIGAHARA SEISAKUSHO LTD.	**Davit** - SH, SHS, STS, SSS, SFS, SFA, SFB, SFC, SFD, SJS, SJR **Winch** - SNW, SWE
Shigi Shipbuilding Co., Ltd.	**Lifeboats/Rescue Boats and Release Gear** - SZ series, FEL series, VOX series, GARS series, OPEN type
IKNOW Machinery Co., Ltd. (ex. Tsuji Heavy Ind.)	**Davit** - Series of H, T, TC **Winch** - Series of EB, TC, OAP
Wuxi Hai Hong Boat Making Co., Ltd.	**Totally Enclosed Life/Rescue Boat** - HH50C, HH50T, HH53C, HH53T, HH57C, HH57T, HH65C, HH65T, HH65CS, HH65TS, HH70C, HH70T, HH75CS, HH75TS, HH75C, HH80CS, HH80TS, HH85C, HH85TS **Freefall Lifeboat** - HH59FC, HH59FF, HH76FC, HH76FF **Rescue Boat** - GJ4.5B, GJ4.5B1 **High Speed Rescue Boat** - GJ618A, GJ618B **Open Type Lifeboat** - BJ-7.0 **Release Gear** - HH20, 30, 43, 76
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd	**Gravity Davit** - LE-45-1, LE55-1, LE65-1, LE85-1, LE100-1, LE138-1, LE170-1, HE65, HE85, HE100, HE138, H170, RE50, RE60, RE80, RE100, SRH65, SRH85, SRH100, SRH120, SRH150, SRH170, SRH200, SRH230, GL65, GL85, GL110, GL138, GL165, TG65, TG85, TG110, TG150, TG170, TG200, TG230, HT80, HT100, HT150, HT210, LC400, RC60-EB **Launching Appliance Davit** - FH55, FH70, FH75, FH85, FH100

	Single Arm Davit and Crane - SAF14, SAF21, SAFC21, SAFC25, SA21, SA32, HDCL2-6.5, HDCL3-6, HDCL3-10, LA25, LA35, SH-21, DH30 **Off-Shore Davit** - PL65, PL85, PL100, PL110, PL120, PL138, PL150, PL180, PL200, PL230 **Fast Rescue Boat Davit** - LFR30, LFR35, LFR55, LFRH30, LEFR50, LFRH60, DH30, SAWH30, SAWH45, SAWH60 **Boat Winch** - D21KN, D25KN, D32KN, D35KN, D48KN, D63KN, D65KN, D80KN, D100KN, D120KN, DP65KN, DP70KN, DP85KN, DP100KN, DP110KN, DP120KN, DP138KN, DP150KN, DP180KN **Totally Enclosed Lifeboat** - YH5.0QFP/QFN, YH6.5QFP/QFN, YH8.5QFP/QFN/QFP-A /QFN-A, YH9.5QFP/QFN, YH10.3QFP/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, YH4.5DR, YH7.5 **Hook** - HK25, HK25B, HK40, HK40C, HK65, SH55, SH70, SH85, Handle release hook 15KN, Automatic release hook 21KN, 23KN, 25KN, 35KN
Kyoritsu Kikai Co., Ltd.	**Launching Appliance for Free Fall Lifeboat** - Series of LAF **Launching Appliance for Life Raft/Rescue Boat** - Series of DBZ
LALIZAS HELLAS S.A.	**Release Hook** - LAR 36, SOLAS/MED
LSA Service GmbH	**Release Gear** - H2,1
Shin Myung Tech Co., ltd.	**Launching Appliances** - SM-LRD, SMRB&PVH, SMRB&LR, SMRBD-LSW, SMLRD-LSW, SMRB&LR-NLSW
T-ISS B.V.	**Release Hooks** - T-ISS PX-01. PX-02 and PX-03
Wuxi Mingzi Machinery Manufacturing Co., Ltd	**Lifeboat Hook Release Mechanism** - HK40, WHK40, WHK65 **Davit-launched Rescue Boat Manual Release Hook** - 15KN **Davit-launched Life Raft Manual Release Hook** - 21-25KN

	Life Raft/Rescue Boat Manual/Automatic Release Hook - 31-37KN
Zhenjiang Just Marine Equipment Co., Ltd.	**Rescue Boat** - ZJM40R, ZJM45R **Fast Rescue Boat** - ZJM618 **Lifeboat** - ZJM50C, ZJM50F, ZJM57C, ZJM57F, ZJM65C, ZJM65F, ZJM75C, ZJM75F **Free Fall Lifeboat** - ZJM59FC, ZJM59FF, ZJM66FC, ZJM66FF **Davit** - SA21, SAC21, SA23, SA30, FR21, FR30, L40, L57, L67, L90, PA65, PA85, FH70, FH90

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