

**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. : **25TZ117**

Approval No. : **16LA002**

THIS IS TO CERTIFY that

SAES-SAFETY ENGINEERING SERVICES

78, El. Venizelou Str. 14231 Nea Ionia, Athens Greece

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 **23 February 2030** subject to periodical assessment.

Issued at Tokyo on 12 March 2025.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI



(M. Inoue)

General Manager of Survey Department

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 24 February 2027 and 23 February 2028

<i>Periodical Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____
		Surveyor to NIPPON KAIJI KYOKAI
<i>Occasional Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____
		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 25TZ117

Make	Type
BALDEN DENIZCILIK SAN. TIC. LTD. STI	<u>Rescue Boats</u> - BD-R01, BD-R02 <u>Totally Enclosed Lifeboats</u> - BD-LBC1, BD-LBC2, BD-LBT1, BD-LBT2 <u>Freefall Lifeboats</u> - BD-FFC1, BD-FFC2, BD-FFT1, BD-FFT2, BD-FFC505, BD-FFT505 <u>On Load Release Systems</u> - BD-LBHR5, BD-LBHR10, BD-LBHR12 <u>Release Hooks</u> - BD-HR1, BD-HR38
DENIZSAN GEMI MAKINE SAN. VE TIC. A.S.	<u>Free Fall Davit</u> - DSFFD50 <u>Rescue Boat Davit</u> - DSRBD21, DSRBHC21 <u>Fast Rescue Boat Davit</u> - DSFRB21 <u>Pivoting Lifeboat Davit</u> - DSFV3,5, DSFV7
IKNOW Machinery Co., Ltd. (ex. Tsuji Heavy Ind.)	<u>Davit</u> - Series of H, T, TC <u>Winch</u> - Series of EB, TC, OAP
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.	
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.)	<u>Free Fall Lifeboat</u> - 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 <u>Rescue Boat</u> - GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2 <u>Totally Enclosed Lifeboat</u> - 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,

	<p>JY-QFP/N-10.90A</p> <p><u>Partially Enclosed Lifeboat</u></p> <ul style="list-style-type: none"> - JY-BF-9.60 <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, JYL68, JYL85, JYL105, JYL135 <p><u>Gravity Luffing Arm Type Davit</u></p> <ul style="list-style-type: none"> - JYGR170 <p><u>Launching Appliance</u></p> <ul style="list-style-type: none"> - JYF55, JYF75, JYF75-A, 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
JIANGYINSHI BEIHAI LSA CO., LTD.	<p><u>Boat</u></p> <ul style="list-style-type: none"> - Series of SC, JYB <p><u>Hook</u></p> <ul style="list-style-type: none"> - Series of JYBHK <p><u>Davit</u></p> <ul style="list-style-type: none"> - Series of SM, SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD <p><u>Winch</u></p> <ul style="list-style-type: none"> - Series of D, DW, HW, JYBW, FFW
Mansei Inc.	<p><u>Davits</u></p> <ul style="list-style-type: none"> - 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- <p><u>Winches</u></p> <ul style="list-style-type: none"> - Series of EBW-, ABW-, AW-, EW-, MW-, CMW-, 06., FW-, SW-, RMW-, MLW-, ERW- <p><u>Release Hooks</u></p> <ul style="list-style-type: none"> - Series of RH-
Miura Machine Co., Ltd.	<p><u>Davits</u></p> <ul style="list-style-type: none"> - Series of SP, MVD, GRA, SAR <p><u>Winches</u></p> <ul style="list-style-type: none"> - Series of BH, BE, BA
Ningbo New Marine Lifesaving Equipment Co., Ltd.	<p><u>Rescue Boat & Fast Rescue Boat</u></p> <ul style="list-style-type: none"> - NM43R(A), NM45R, NM45RB, NM60R <p><u>Totally Enclosed Life/Rescue Boat</u></p> <ul style="list-style-type: none"> - NML50C, NM50C/F, NM57C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F, NM117C/F <p><u>Free Fall Lifeboat</u></p> <ul style="list-style-type: none"> - NM52FC/NM52FF, NM59FC/FF, NM67FC/FF

	<p><u>Single Arm Rescue Boat (Rafts) Davit (Crane)</u> - NMSD14KN, NM(S)D23KN, NM(S)D25KN, NMC25, NMC30, NMSD33KN</p> <p><u>Rescue Boat Launching Appliance</u> - NMAR30(-1), NMAR60, NM30</p> <p><u>Gravity Luffing Arm Davit</u> - NMD25KN, NMD40KN, NMD45KN, NMD55KN, NMD60KN, NMD65KN, NMD85KN, NMD120KN</p> <p><u>Launching Appliance of Free Fall Lifeboat</u> - NMF55KN, NMF70KN</p> <p><u>Platform Davit</u> - PD50, PD70, PD85, PD120</p> <p><u>Hydraulic Gravity Luffing Davit</u> - HLA85, HLA120, HLA210</p> <p><u>Hydraulic Telescopic Davit</u> - HTA70, HTA120</p> <p><u>Electric Lifeboat/Rescue Boat Winch</u> - NMW42L/R, NMW50L/R, D63S/Z, D80S/Z, DW100S/Z, DW145/Z</p>
<p>Oriental Precision & Engineering Co., Ltd.</p>	<p><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</p> <p><u>Free Fall Davit & Winch</u> - FD series, WL series</p> <p><u>Rescue/Liferaft Davit & Winch</u> - RD series, RDW series</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, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8</p> <p><u>Freefall Lifeboat</u> - BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900/A</p> <p><u>Rescue Boat</u> - BH-R4, R4S, R4SA, R5S</p> <p><u>Gravity Pivot Davit</u> - BD-PV50, PV60, PV60S, PV85, PV125</p> <p><u>Freefall Launching Davit</u> - BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF66, FF67, FF85</p> <p><u>Single Arm Davit</u> - BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23</p> <p><u>Winch</u> - BW-H(L/R)31S, 50, 63, 75, L(L/R)75, 125, SC14, 21, 30</p> <p><u>Gravity Lifeboat Release Mechanism</u> - BG-3, 3L, BG-7, BH-HOOK3, HOOK5, FS5, FS7</p> <p><u>Freefall Lifeboat Release Mechanism</u> - BG-3.5F, 4F, 4.5F, 4.5FL, 5F, 6F</p>

	<p><u>Rescue Boat Release Mechanism</u></p> <ul style="list-style-type: none"> - BG-2R, WUXI XINGSHENG 15, 23, 25, 35KN HOOK
SEKIGAHARA SEISAKUSHO LTD.	<p><u>Gravity Type Davit</u></p> <ul style="list-style-type: none"> - SH, SFB, SHS, STS, SSS <p><u>Free-fall Lifeboat Davit</u></p> <ul style="list-style-type: none"> - SFS, SFA, SFB, SFC, SFD <p><u>Rescue Boat Davit</u></p> <ul style="list-style-type: none"> - SJS, SJR <p><u>Winch</u></p> <ul style="list-style-type: none"> - SNW, SWE
Vadyar Boats Pvt Ltd.	<p><u>Lifeboats</u></p> <ul style="list-style-type: none"> - VB 9.2 mtr 70 Persons Capacity Totally Enclosed Fire protected Lifeboat - VB 8.5 mtr 60 Persons Capacity Totally Enclosed Lifeboat - VB 8.5 mtr 60 Persons Capacity Partially Enclosed Lifeboat - VB 7.5 mtr 50 Persons Capacity Partially Enclosed Lifeboat <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - VB 4.7 mtr 9 Persons Capacity Fast Rescue Boat - VB 4.5 mtr 6 Persons Capacity Rescue Boat <p><u>Launching Appliances</u></p> <ul style="list-style-type: none"> - VB 10 Ton Davit and Winches - VB 1 Ton Single Arm Davit and Winches <p><u>On-Load Release Gears</u></p> <ul style="list-style-type: none"> - VB Lifeboat On-load Release Gear (Safe Working Load 6 Tons) - VB Rescue Boat On-load Release Mechanism (Safe Working Load 1.3 Tons)
Wuxi Hai Hong Boat Making Co., Ltd.	<p><u>Totally Enclosed Life/Rescue Boat</u></p> <ul style="list-style-type: none"> - 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/HH85TS, HH57C/HH57T <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>Release Gear</u></p> <ul style="list-style-type: none"> - HH76/HH43/HH30/HH20
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></p> <ul style="list-style-type: none"> - HK <p><u>Davit</u></p> <ul style="list-style-type: none"> - FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN <p><u>Winch</u></p> <ul style="list-style-type: none"> - DZB, D, DW
Zhejiang Norsier Lifesaving Equipment Technology Co., Ltd	<p><u>Lifeboats/Rescue Boats</u></p> <ul style="list-style-type: none"> - NYF & NYC/NYPF&NYPC/NYZ series <p><u>Davits</u></p> <ul style="list-style-type: none"> - NLB/NSA/NFH/NHCD/SRH/NAZ/NPD series <p><u>Winches</u></p> <ul style="list-style-type: none"> - N series <p><u>Release Mechanism</u></p> <ul style="list-style-type: none"> - NHK series
Zhejiang Wantong Heavy Industry Co., Ltd.	<p><u>Lifeboat</u></p> <ul style="list-style-type: none"> - BJ, BCC, BCF, BCFC, BCFF <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ, FRH, RH <p><u>Release Mechanism</u></p> <ul style="list-style-type: none"> - HK <p><u>Davit</u></p> <ul style="list-style-type: none"> - FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN <p><u>Winch</u></p> <ul style="list-style-type: none"> - DZB, D, DW, IYJ
Wuxi Wenjiao G. F. R. P. Factory	<p><u>Totally Enclosed Life/Rescue Boat</u></p> <ul style="list-style-type: none"> - WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C <p><u>Free Fall Lifeboat</u></p> <ul style="list-style-type: none"> - WJ59FF, WJ59FC, WJ67FF, WJ67FC <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - WJ40R, WJ45KR, WJ45D3, WJ45D, WJJZ45, WJ55D, WJ60RA, WJ60RB <p><u>Life Boat</u></p> <ul style="list-style-type: none"> - WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85 <p><u>Release Gear</u></p> <ul style="list-style-type: none"> - WJHK40, WJ30HK, WJHK55, WJ63HKC, WJ67HK, WJ40
DSB ENGINEERING CO., LTD.	<p><u>Gravity Type Lifeboat</u></p> <ul style="list-style-type: none"> - DSB50F/C, DSB58F/C, DSB60F/C, DSB75F/C, DSB85F/C, DSB95F/C, DSB150F/C <p><u>Gravity Type Davit</u></p> <ul style="list-style-type: none"> - DSB60DL, DSB85DL, DSB138DL, DSB205DL <p><u>Hydraulic Type Davit</u></p> <ul style="list-style-type: none"> - DSB150DYL <p><u>Freefall Type Lifeboat</u></p> <ul style="list-style-type: none"> - DSB49FF/FC, DSB59FF/FC, DSB75FF/FC <p><u>Freefall Type Davit</u></p> <ul style="list-style-type: none"> - DSB70DF, DSB85DF <p><u>Rescue Boat</u></p>

	<ul style="list-style-type: none"> - DSB40R, DSB60RA/RB <p><u>Rescue Boat Davit</u></p> <ul style="list-style-type: none"> - DSB23DR, DSB30ARH, DSB18/27DR
CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd	<p><u>Gravity Davit</u></p> <ul style="list-style-type: none"> - 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 <p><u>Launching Appliance Davit</u></p> <ul style="list-style-type: none"> - FH55/70/75/85/100 <p><u>Single Arm Davit and Crane</u></p> <ul style="list-style-type: none"> - SAF14/21, SAFC21/25, SA21/32, HDCL2-6.5/3-6/3-10, LA25/35, SH-21, DH30 <p><u>Off-Shore Davit</u></p> <ul style="list-style-type: none"> - PL65/85/100/110/120/138/150/180/200/230 <p><u>Fastrescue Boat Davit</u></p> <ul style="list-style-type: none"> - LFR30/35/55, LFRH30/60, LFR50, DH30, SAWH30/45/60 <p><u>Boat Winch</u></p> <ul style="list-style-type: none"> - D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/ D65KN/D80KN/D100KN/D120KN/DP65KN/DP85KN/ D100PKN/DP110KN/DP120KN/DP138KN/DP150/ DP180KN <p><u>Totally Enclosed Lifeboat</u></p> <ul style="list-style-type: none"> - 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 <p><u>Free Fall Lifeboat</u></p> <ul style="list-style-type: none"> - YH5.9FP/FN, YH6.7FP/FN, YH7.5FP/FN, YH8.5FP/FN <p><u>Fast Rescue Boat</u></p> <ul style="list-style-type: none"> - YH6.0FRA/FRB, YH6.5FRA/FRB <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - YH4.5R/DR, YH7.5 <p><u>Hook</u></p> <ul style="list-style-type: none"> - HK25/25B/40/40C/65, SH55/70/85, Handle release hook 15KN, Automatic release hook 21KN/23KN/25KN/35KN
Wuxi Mingzi Machinery Manufacturing Co., Ltd	<p><u>Lifeboat Hook Release Mechanism</u></p> <ul style="list-style-type: none"> - HK40, WHK40, WHK65 <p><u>Release Hook for Rescue Boats</u></p> <ul style="list-style-type: none"> - 15KN <p><u>Automatic Release Hook for Life Rafts</u></p> <ul style="list-style-type: none"> - 21-25KN <p><u>Combined Release Hook for Rescue Boats and Life Rafts</u></p> <ul style="list-style-type: none"> - 31-37KN

Shanghai
Hengyuan
Marine
Equipment Co.,
Ltd

Davit

- SAFC-21, FH-70, FH-65, FH-55

-- The End --

