



(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. : **21TZ142**

Approval No. : **13LA012**

THIS IS TO CERTIFY that

METALOCK BRASIL LTDA.

RUA VISCONDE DO RIO BRANCO, 22 SANTOS SP BRAZIL CEP:11013-030

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 **3 May 2023** subject to periodical assessment.

Issued at Tokyo on 29 March 2021.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(Y. Iga)

General Manager of Survey Department

This certificate was rewritten because the company's address has been changed and the licenses issued by makers have been added.

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 March 2021.

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.

NIPPON KAIJI KYOKAI



Attachment to

Certificate Number 21TZ142

Make	Type
HOEI SENPAKU CO., LTD.	Lifeboats/Rescue boats (HS650, HS650F, HS520, HS520F, SO, SM, FO, FM)
NISHI-F Co., Ltd. (Ex. Nishi Nippon F.R.P. Shipbuilding Co., Ltd.)	Lifeboat/Rescue boat (ML series, F series)
Ishihara Dockyard Co., Ltd.	Lifeboat/Rescue boat (G series)
SHIGI SHIPBUILDING CO., LTD.	Totally Enclosed Lifeboats (SZ series) Lifeboats (OPEN series) Free Fall Lifeboats (FEL series, GARS series) Rescue Boats (VOX series)
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) Nomal pivot davit (D-NP series excl. D-NP.MP and D-NP.SP series) Boat davit (D-BC series, D-BR 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) Rescue boat davit (D-CL series, D-CR series, D-NPS.SP series, D-SR series, D-NPS.MP series, D-RTT series) Fast rescueboat davit (D-CRm.FR series, D-CRm.MOR series, D-CRm.R.FR series, D-NPS.FR series) Raft handling davit (D-RC series, D-RB series) Rescue boat hook (RH series, OLH series) Liferaft hook (OLRH series)
	Other hook* (Liferaft hook and Liferaft/rescue boat hook) HS series manufactured by Sezamor ARH and CAR series manufactured by Palfinger PX series manufactured by T-ISS * Only valid in combination with an equipment of d-i davit

IKNOW Machinery Co., Ltd. (ex. Tsuji Heavy Ind.)	Davit (Series of H, T, TC) Winch (Series of EB, TC, OAP)
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, SW, 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 (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)
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)
Hatecke GmbH	Rescue Boats (RB AB, RB AB Duplex, RB AB FH, RB IB, RB/FRB AB FH) Launching Appliances (FFA, FFA LP, FFB, Gsp.O, GspFP, GXP.FLH, W07, W10, W26) Lifeboats (GFF, GFF-T, GSAR, GSL, GSL-T) Release Gear (Duplex 2.6/3.0/3.5/4.3/4.6/6.0, GFF-R-10/11/8, RAFTI 2.5, Simplex2.0 Off-Load/2.0 to/2.0 i/3.0/4.3/6.0)
Japan Marine United Corporation	Gravity Lifeboat (GF80B, GF80C, GF80E, GF80F, GF80G, GF80H, GTR57(C,F), GTR57JY(C,F), GTC60C, GTC65(C,F), GTC70(C,F), GTC75(C,F), GT65F, GT70F, GT75F, Others (JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate)) Free Fall Lifeboat (MU-FN-5.8J, MU-FF-5.8J, MU-FN-6.8J, MU-FF-6.8J) Open Lifeboat (S65A, S73A, S75A, 80A, G73B, G73C, G75A, G80A) Gravity Lifeboat Davit (MUL52(WINCH: MUW42R/MUW42L)) Free Fall Lifeboat Davit (MUF55J, MUF75J) Rescue Boat (MU-GJ4.5J) Rescue Boat Davit (MUR21J)

NIPPON KAIJI KYOKAI



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)
Survival Systems International	Lifeboats, winches and hold and launch platforms (CA2100, CA3600, CA6000)
Global Davit GmbH	Please refer the Annex A of maker's certificate.
Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry 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, F900A) Rescue boat (BH-R4/R4S/R4SA/R5S) Gravity Pivot Davit (BD-PV50/PV60/PV60S/PV85/PV125) Freefall launching Davit (BD-FF55/55A/55R/FF80/80A/80R/80B/FF66/FF67/FF85) Single arm Davit (BD-SA14/14A/14B/SA21/21A/SA23/SA30/30A/SA33/SH23) Winch (BW-H(L/R)31/50/63/75, L(L/R)75/125, SC14/21) Gravity lifeboat release mechanism (BG-3/3L/BG-7/BH-HOOK3/HOOK5/FS5/FS7) Freefall Lifeboat release mechanism (BG-3.5F/4F/4.5F/4.5FL/5F/6F) Rescue boat release mechanism (BG-2R/15KNXS/25KNXS/35KNXS)

Fassmer Service GmbH & Co. KG.	<p>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 @8.5/10.0/11.7/12.8)</p> <p>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)</p> <p>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 8.15/8.8/9.6/10.5/10.55/11.80/12.5/15.75, SEL-R 8.15, SEL-T 10.75)</p> <p>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)</p> <p>Partially enclosed lifeboats, tenderboat and rescue boat (SEL-RT 7.7/7.5/8.5)</p> <p>Partially enclosed Life-and Crew Tenderboats (SEL 11.0 (-T))</p> <p>Partially enclosed Life-/Rescue-/Work-/Tender-Boats (SEL-R 7.4/8.5)</p> <p>High-performance tender (SFB 10.1)</p> <p>Rigid Rescueboat (RR 4.2/4.2-M/4.5ID)</p> <p>Rescueboat (RIR 625ID)</p> <p>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)</p> <p>Freefall Lifeboat Release Mechanism (FFRU 6.6)</p> <p>Offload rescue boat hook (FOH 27/30/70)</p> <p>On load release gear (Duplex 25E2/2.5E/50E2/5.0E/60E2/6.6E/10E/140E2/14E/17E/180E2/230E2/23E)</p> <p>Fassmer Hydraulic Davit (FHD 80/100/120/130/150/170/172/280/450)</p> <p>Hinged Davit (FHDY 100)</p> <p>Freefall Davit (FFH 45/65/49/50/60/66/70/72/75/77/80/83/85/90)</p> <p>Pivot davit (FPD 55/60/100/80/120/150/170, FFD D60)</p> <p>Freefall ramp (FLR49/66/8005/8006/8007)</p> <p>Multi Pivot Davit (FMPD 100/130/150/160)</p> <p>Outrigger davit (FOD 100/120/130/150/170/190/40R/50/55/80/LBC 300/SAR40/-R22/-R23/-R25/-R40/TC450)</p> <p>Rescue Boat Davit (FOSV 71, FSAH 22)</p> <p>Rescue Boat Crane (FSAH 28; 32, FSAR 14; R14/3.5HS; 21, R22/4.0HS-M; 28; 40)</p> <p>FRC crane (PRHE 30)</p> <p>Fassmer Winch (DEW 40/85/2000)</p> <p>Fassmer Winch/rescue boat crane (DEW 8, FWD 40RB)</p>
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NIPPON KAIJI KYOKAI



Fassmer-Marland Ltd.	<p>Davit launched totally enclosed lifeboat (DRAGON 26C/ 26T /32C/32T/38C/38T, GMR 6.5/-T6.5/7.4/-T7.4, HH57C/57T /65C/65T/70C/70T, CLR-C5.9/T5.9)</p> <p>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))</p> <p>Rigid rescue boat (RR4.2/4.2-M, RRH4.2, RR4.2 ID)</p> <p>Fast rigid rescue boat (FRR6.1ID/6.2ID)</p> <p>On load release gear (Duplex 2.5/2.5E/25E2/5.0/5.0E/50E2, HH43)</p> <p>Pivot davit (FPD-D60/D68/DH68, SRH70)</p> <p>Freefall davit (FFH49/49D/66/66D/72/77/83)</p> <p>Freefall ramp (FLR49/66/72)</p> <p>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)</p> <p>Winch for pivot davit (DEW 15-24/15-35/15-44, D52L/R, DW34S/Z, MW50/50C for davit FPD-D60)</p> <p>Winch for freefall davit (FW35)</p> <p>Winch for rescue boat crane (DEW 150/450, RZ25)</p>
Hai Hong Boat Making Co., Ltd. (Guangzhou)	<p>Davit launched totally enclosed lifeboat (HH57C/57T/65C/65T/70C/70T) (Hai Hong type)</p> <p>On load release gear (HH43) (Hai Hong type)</p>
HLB Co., Ltd.	<p>Lifeboat & Rescue Boat (Series of HD, HT, HDL, HLB, HDF, HDFL, HDFN, HDR, HDFR)</p> <p>Release Mechanism (Series of THP, Talon, Talon II)</p>
BADA Heavy Industries Co., Ltd.	<p>Davit (Series of DRM, BDH, BDTD, BDHP, BDTW, BDRW, BDM, BFOD, HDFL, HDF, BDF, BDR, BDH, BDA, BDFA, BDL, BDR, BHI)</p> <p>Winch (Series of DRM, DRBW, BAW, BDF, BLW, BMW, BRW, BWL, BWR, FHW, RLD)</p> <p>Release Mechanism (Series of BDR, BHA, BHR)</p>

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