

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU038423XD

This is to certify that

SH GROUP A/S
KUOPIOVEJ 20
5700 Svendborg DENMARK

*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

**N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear**
Z - Surveys, servicing and testing of lifting appliances

Date of the audit: 20 Jun 2023

Issued in STOCKHOLM

on 11 Oct 2023

This Certificate is valid from the date of the audit until

19 Jun 2026

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Kristensen RENÉ OVERGAARD

RINA Services S.p.A.



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ATTACHMENT TO CERTIFICATE NO. SSU038423XD

VALIDITY CONDITIONS

This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This certificate of approval is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

General conditions for the approval

- a) *The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) *Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) *RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) *The activities are to be carried out in compliance with the RINA Rules and or other applicable rules*
- e) *RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



This is an electronically signed document and does not require a handwritten signature.

Kristensen RENÉ OVERGAARD

RINA Services S.p.A.



Annex N

List of makes and types of equipment

Attached to Certificate No. SSU038423XD

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

SURVIVAL CRAFTS - LIFEBOATS / RESCUE BOATS
MAKE / TYPE acc. to ISO/PAS 23678 , MODEL/SERIES
Acebi TELB, PELB series
Avon RB, SR series
Balden BDFF-T, BDFF-C, BD-R BD-LB series
CASTOLDI S.r.l. JET TENDER 18 RB
Dafer/ Narwhal SV series
DSB Deutsche Schlauchboote IRB series
DSB Engineering Co Ltd DSBC, DSBF, DSBP, DSBR, DSBRFA, DSBFC, DSBFF series
Fassmer/ Marland CFL-C.CFL-T, CL, CL-P, CLR, CLX, DRAGON, FRIR, FRR, GAR, GAR-T, GMR, T-GMR, HH, SEL, PLL, PLT, RR series
Gepa G-FFF, G-FK, G-FYK, G-RB series
Greben FFL, RB, TEL series
Harding (UMO Schat Harding), (Palfinger) FF.MCM, MCF, MCB-T, MCB-C, MOB, TECB series
Harding (Palfinger) MCB, CTYL, ML, PEL, Mk 1,2,3,4, 5, 4.9 RB, series
Hatecke (Ernst Hatecke) GFF, GSL.PL, PEL, RB series
Hoei Senpaku HS , HSF series
HLB (Hyundai Lifeboats) HDL, HDR, HDFL, HDFN, HDFR, HLB, HT series
IHI Marine United Inc G, GTC, GTR-F, GTC-C, GTC-F, GT-F,series
Japan Marine United Corp GF, GTR series
Jiangyinshi Beihai JYB-F, JYB-C, JYB-FF, JYB-FC, JYB-B, SC-K, SC-KR, JYB-R, JYB-BG series
Jiangsu Jiaoyan (Jiangyin Xingjiang
F.R.P. Co., Ltd) JY, GJ, GZ, JYN-F , JYN-C ,JYQ- FP, JYQ- FN, JY-FF, JY-FN, JYM-FF series
Jiangyin Neptune Marine Appliance Co. Ltd., NPT-F, NPT-SC, NPT-C, NPT-FF, NPT-FA, NPT-FC, NPT-FCA, NPT-P, NPT-PT, NPT-R, NPT-RB, NPT-RFA, NPT-RFB
Jiangyin Wolong F.R.P. Boat Co. Ltd JYKR, JYDR, JYFA, JYFF, JYC, JYF, JYCA, JYCF, JYP series
KANG NAM. corporation GTB series
Mare Safety RB series
Maritime Partners (Alusafe), (Weedo),(Sea Bear), Alusafe 700,770, 17 SOLAS, 1200DC, Weedo, 600,660,700, Springer 660, Sea Bear series



Annex N

List of makes and types of equipment

Mulder & Ryke TELB, PELB, PELBT series
Narwal SV, series
Ned-Deck Marine (Palfinger) NPT, PN, NMD 4.40 Rescue series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd BJ, YZ, YZC/ F, YZFF/ FC, YZRA, YZRB series
Ningbo New Marine Lifesaving Equipment Co. Ltd NM series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon) G-DR, G-TR, G-FR, FF.CML, EML, NF, NFA, PML, SM , FRP series
Normar FRC series
Noreq (Palfinger) LBF, LBP, LBT, RRB series
OY Fiskars AB TELB series
Palfinger CTL, FF, KISS, MPC, NPT-C, NPT-F, NPT-FC, NPT-FF, NPT-P, RSQ FRSQ, series
Pesbo S.A BSC, BSL series
Qingdao Beihai Shipbuilding Heavy Industry CO. LTD. BH-C, BH-T, BH-F, BH-R, BH-HR, BH-HR7B,, BH-10, Dolphin, FRB
Shigi Shipbuilding Co Ltd FEL, FRP, SZBR / BRS, SZGO.SZGM, SZRS, SZTR / TRS, SZP, SZPR, VOX46 series
Stocznia Utska SP. Z.0.0 Z, FFB , R, RIB series
Survitec FF, SC series
Survival Systems Int CA series
Tsuneishi TL-TE, KL-TE, KL-FP,TE,FP series
Vanguard VG-C, VG-F, VG-HLB, VG-KR, VG-DRS, VG-FRK, FRW- series
Verhoef DR, FL- 50 series
Viking (Norsafe) (Jiangyin) GES, JYN-T, JYN-C, Maud, Maggie, Maxima, Minima, Miram, Matilda, Matrix, Midget series
Viking Neuvisa RR-40
Watercraft (Harding) (Palfinger) Mk 1,2,3,4, 5, WFF, PERB, PELB, MOB, MOBRC, Series
Watercraft (Water Craft Hellas) (Palfinger) 4.9m RB
Waterman OY (Palfinger) 351, 361, 363, 365,366, 366HRL, 367,368, ,369, 371, 371 HR, 375, 374,377,378, 379,391, 372, 391, 393 series
Wuxi Haihong BH, BJ, BG, HH-C, HH-T, HH-TS, HH-CS, HH-FC , HH-FF, JG series
Wuxi Wenjiao WJ, BH, BJ, WJBF WJBC, WJFF, WJFFC, WJ, BH, BJ, WJ, WJRA, WJRB
Zhenjiang Marine Auxiliary Machinery Works YH, YH-FRA, YH-FRB, YH-DR, YH-QFP, YH-R series
Zhenjiang Hengxin Ship Equipment Co. Ltd. BCC, BCF, BCFC, BCFF, FL-C, FL-F, GJ series

RELEASE GEAR

MAKE / TYPE acc. to ISO/PAS 23678 , MODEL/SERIES

Bada Heavy Industries BHA, BHR series
Balden BD-LBH.BDHR series
Bianchi & Cecchi U Hook
Chang Sheng 35kN



Annex N

List of makes and types of equipment

Crantson Eagle APR-356-CB/CBH series
DAE JIN Co. LTD THP-1B
Davit International OLH, RH series
Fassmer Duplex > 6t, Duplex - < 6.6, fff45, fff45>
Global Davit HR.HRN, HRL, series
Greben NLH series
Hatecke Duplex - > 6t, Duplex - < 6t, gff, simplex, simplex= offload, simplex= 1,85>
Harding (Palfinger) ARH, FFH, KISS, LHR, LHR M2, RRH series
Henriksen HMK; HCH series
Hoei Senpaku HS series
HLB (Hyundai Lifeboats) Talon Mk 1, Talon Mk 2 series
IHI Marine United Inc. JX1 series
Jiangyinshi Beihai JYB-HK.JYB- HKF
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd) JX, JX 1, JXN-1B.JXN-1C, JXN3, series
Jiangyin Neptune HNPT-HK, NPT-50, NPT-HAN, PN-HKC, NPT-HCK, NPT-HK25F, NPT-70HKF, NPT-K 25R series
Jiangyin Wolong FHK, HK series
Mansei (Muria) (Muria Vider) RH series
Madrock RocLoc series
Neddeck/ Palfinger CAR 35
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd HK HK series
Nishi-F Co., Ltd., (Ex. Ishihara Dockyard, Nishi-Nippon) ML, F, NS, IHMZ 12/13 SR-3 series
Norsafe / Viking HRS, NFFH, K4,,Tor Mk1, TOR Mk 2 series
Optimun Marine 31-37KN
Palfinger ARH, CAR 35, CAR35F, FFH, KISS, LHR, LHR M2 NPT, RRH series
Pesbo S.A BSL series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd. BG, BG-F, BG2R, series
Sezamor HLR18, HS, series
Servo Ship S.L 200 series
Shigi Shipbuilding Co. Ltd SRS SZK5, SZK30, series
Survitec (Mad Rock) SafeLaunch, SLA 3.5 RocLoc) series
SSI SureSafe, Triple 5, Triple 5 LX
T-ISS BV PX01, 02, 03 series
Tsuneishi 43GS-1 series
Vanguard SH, C-safe series
Viking / Norsafe HRS, NFFH, K4,,TorMk1, Mk2,Nadiro DIB series
Verhoef Twistlock series
William Mills / Harding Titan series



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List of makes and types of equipment

Wuxi Mingzi Machinery Manufacturing Co., Ltd 15kN, 25kN, 31-37kN series

Wuxi Wenjiao HK series

Wuxi Xingsheng XS series

LAUNCHING APPLIANCES

MAKE / TYPE acc. to ISO/PAS 23678 , MODEL/SERIES

Abas MDE. KDE series

Acebi A, AF, GRA, PF, PFR, RRP, SPG, TPC, TPF, TPU series

Accoin R18700

Acta DC, DR; HSC; MOB series

Alexander Ryan AREH, BH series

Arim AHA, ARPV, series

A Tech AT-LRD

Bada Heavy industries BDA, BDFA, BDF, BDH, BDMS, BDL, BDR, BDTD, BDTW, BFRD.BLR, HDFL, ORFP, Hinged Gravity series

Bianchi & Cecchi (BC) PE, PET series

Coastal Marine

Equipment, Inc. D

Daesung Combi series

Davit Company SRR series

Davit International D.AC.s, D-BR, D-BC.R, D-CRm, D-CRH.R, D-FH, D-FO, D-FOS, D-NP, D-NP.MP. D-NP.SP, D-NPS.MP, D-NPS.SP, D-RB, D,RC,D-RC.T D-RT, D-TF, D-TT, D-TT.SP, D-SR04 series

Denizsan DSFDD, DSFRB, DSRBD series

Dongnam Marine Crane Co Ltd DHGD, DNRD, DRBD, DRBLRD, series

Dongwoo Machinery & Engineering Co. Ltd. DWS series

DSB Engineering Co Ltd DSBARH, DSBDf, DSBDL, DSBDP, DSBDR, DSBDTL, DSB DYL, DSB23DR series

EO Lifesaving CH-52 R-LR

Fassmer/ Marland FFH, FMPD, FPD, FSARR series

Gibert & Schmalriede Gmbh & Co. KG PJ series

Global Davit Gsp.O, Rsp.O, Gsp.RT, Glp.RT, Gsp.FP, Gsp.MP, Glp.FP, Glp.MP, Gsp.FLh, Gsp.FPh, Glp.FLh, Glp.FPh, Lms, Lms.s, Lmes.S.R Rms, Rmes.S, Rms.L, Rmes.L.S, Rms.S, Rms.L.S, Rhs, Rhs.L, Rhs.S, Rhs.L.S, Lml,RMI,Rhl, Rhp, Fhs.Fhs.S, Fhs.L, Fhs.R. Fhs.R.S.Fhs.R.L., Fhs.R.L.S, Rhs, Rhs.L. Rhs.L.S, Rhp, Rhp.HC series

Greben FDD, GR-RTD, HD, HFF, GD-PD , RLC,r SAR ,SPG series

Gurdesan GD-FFD, GD-KHK, GD-RRS series

Haeon Machinery Ind. Co. Ltd. HED-PC

Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger) ORD.HD-FL, GRA.HD-RT, HD-SPG, HD-VIP , MOB, NT, SPG(L),SPG(VL), SPD, LA, LAR,SAR,SPR, SRR, SA, FF

Hatecke GspFP, GSP.O, DFR, DR, FFA, FFB, series

Hanyoung Enterprise RBD series

Hydralift/ TTS HL, HL9D series



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List of makes and types of equipment

Hydramarine HMC, HMD, TTS T series
Iknow Machinery (TSUJI) HD series
IHI Marine United Inc MUL
IMT.CO, LTD ILR series
Jiangyinshi Beihai PD , RB-H, HB-H, BH-G, LB-H, LA, BHGH, SA, SMR, SAC, FRH, EHRD, FRH, SRH, FA, series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd) JYA.JYF, JYGR, JYL, JYH, JYHG, JYP, JYR, JYRCA series
Jiangyin Neptune NPT-BE, NPT-DR, NPT-DP, NPT-DL, NPT-DF,series
Jiangyin Wolong JY-FH, JYHE, JYLFR, JYPL, JYSA, LRHE, PLR series
Jung-A-Marine Co., Ltd PCRLC series
KGW Schweriner Maschinenbau Gmbh RB series
Macgregor (TTS) (Hydramarine) A-Type, G-type, T-type HMD series
Mansei (Muria) (Muria Vada) ABD, AH, AV, D-FH, EH, EHR, EM, FE, FH, GRA, M, MVD, R, RD, SAR, SPG(VL), SPG(VD) series
Navim Group FDRB , SGHD- L, SPHD- T, SPDT L, SPDT T, SPDT R Series
Navigations 1.1 series
Ned Deck Marine FPG, PFH, PLG, PRH, PRHE, SCH, SCM, SCT, SEC, series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd L, YZ, YZF, ZFDZ series
Ningbo New Marine Lifesaving Equipment Co. Ltd NMPL.NMN, NMAR series
NMF BPK, KD.2 series
Nor Davit PL, SDP series
Noreq (Palfinger) NPD, NPDS, NRD, SCH, SCHD, SCM-L, SCH-R, SCM-R series
Oriental Precision DHA, DMA, FD, HGD, HGK, SHS, RTD, RD, series
Oriental Precision - Sekigahara SHS series
Palfinger FF, FPG, NPD, NPT, NPT-DF, NTD, PFH, SCM-L, SCH-R, SCM -R, VIP, series
Pelegriani Marine Equipment CHCD 2,507+ RLC 2,1/4,5,RLC, GRA , series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd BD-AR, BD-PL, BD-PV, BD-FF, BD-FF, BD-SA, BD-SH, series
Redrock RDA, RDT series
SEC (Ships Equipment Centre) HP2, MS series
Sekigahara AT, SF, SFA, SFB, SFP, SHS, STS, SSS series
Servo Ship S.L FFR, PR4M1100HR series
Sezamor ZZ-ZL J, ZZ-ZLJ2, ZZ-ZOL, ZZ-ZOT series
Shanghai Hengyuan Marine Equipment Corporation FH, SAF, series
Shin Myung Tech SMRBD-SD, SMRBD&LRD, SMRBD&PV, SMRB&LRD-FT series
Stocznia Utska SP. Z.O.O PZ, HZ series
Survival Systems Int PI series
Taizhou Haihao Marine Equipment Co.,Ltd 21KN Boat/Raft Davit, 55kn series



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List of makes and types of equipment

Tsuji Heavy Industries H, RP, TC, T83 series
 Ulstein Fama (Fama Gniw) ZO, ZT series
 Vanguarde DH, HS, LE, MS, PFH, PL, PR, PRH, SRH, VL, VS series
 Verhoef FL series
 Vest Davit L, P, PL.PLP, PLR, PLAR PLD, PAP, PAPH, Pli, TBDseries
 Viking / Norsafe (Jiangyin) A, C, D, E, H, HD, LH, NDA, NDC, NRC-R, NDSC-R, NRB, SW series
 Watercraft WRG series
 Welin Lambie LRW, SARBE series
 Wuxi Dongwu Free-fall Lifeboat Davit (F55-F70), Gravity - Luffing Arm (18kN-110Kn), Gravity Rescue Boat 1 Raft Davit (21kN-35kN), Gravity Rolling Type Davit (25kN-30kN), Rescue Boat (A30/ H35 DCW210 NPT100, series
 Wuxi Huahai HMB, HMD, HMDA, PD series
 Wuxi Shengou SMC, SMD, SHMDL, HMDA, SMDF, SMDP
 Zhenjiang Marine Auxiliary Machinery Works PL,L, FH.SAFC.SRH, ZF SAW30 series
 Zhejiang Taizhou Wantong Marine Machinery CO Ltd YSJ series
 Zhenjiang West Marine Equipment Co. Ltd WME-LRH series

WINCH

MAKE / TYPE acc. to ISO/PAS 23678 , MODEL/SERIES

Acebi TBE, TR series
 Acoin BE-2
 ACTA KNT
 Alexander Welin AIW series
 A Tech AT10-LRD series
 BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) BA, BDF BLW, BM, BMW, BW, BRW, BWR, Elec. Motor Driven, HDF, PWD series
 Davit Company 16 EV, SRR
 Davit International 0.1.,.02. 03., 04., 06., 07., 12. ;40; series
 Dongnam Marine Crane Co.,Ltd. DSAD series
 Dongwoo Machinery & Engineering Co., Ltd. DWS series
 Fassmer/ Marland DEW , FFWH series
 EO Lifesaving W series
 Global davit 01, 02 ,04 ,08,10, 14, 20, 26 W05HC, WO8HC, WS; series
 Gurdesan GD-FLW, GD-HC-A series
 Greben EW,HW series
 Haeon Machinery Ind. Co. Ltd. HHD-PC series
 Hatecke FFA series
 Harding (Umo Schat Harding) (Schat Davit Company) (Palfinger) BE, EW-02-PL, FME, CW, HD, LN, MW, W series
 Hydralift SP series



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List of makes and types of equipment

IHI Marine United Inc MUW
Iknow Machinery (TSUJI) EB series
Japan Marine United Corp MU series
Jiangyinshi Beihai DS, DZ, DW, YZ, PF, JYBW series
Jiangsu Jiaoyan (Jiangyin Xingjiang F.R.P. Co., Ltd) FW, JYW, JYWP, JYRZ series
Jiangyin Neptune DW, DS NPT-DW series
Jiangyin Wolong JYD series
Mansei (Muria) (Muria Vider) ABW, AW, CMW, EW, EBW, ERW FW MLW, MW, SW, RMW, RBH, LBH, 06, series
Ned deck 04, HWCT, 15 series;
Nor Davit NW, SP series
Oriental Precision BWE, SWE, RDW, WL series
Palfinger 04, 15, BE, FME, CW, HD, HWCT, LN, MW, W series
Pelegri Marine Equipment VAS 45 E, RLC Series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd. BW-LL, BW-HL, BW-HR.BW-SC series
SEC WL
Sekigahara SNW, SWE series
Servo Ship S.L FFRW series
SSI W series
TMA Winches TN, MW series
Taizhou Haihao Marine Equipment Co.,Ltd. 21kn
Tsuji Heavy Industries EB, TC series
Ulstein Fama (Fama Gnieuw) ERM, ER10B series
Viking (Norsafe) (Jiangyin) DW, HYD-FF series
Verhoef FL 50 series
Watercraft NW; MW series
Welin Lambie 55; 5619, 53 ; 9502, 97 , RBW series
Wuxi Huahai HMW,series
Wuxi Dongwu DS/Z, D/Z Series
Wuxi Shengou SMW
Zhenjiang Marine Auxiliary Machinery Works D,DP, JYRZ, SAW30,series
Zhenjiang West Marine Equipment Co. Ltd WME-LRH series
Zollern ZR , A2FM45-61A, ZHP series