

# APPROVAL OF SERVICE SUPPLIERS

This is to certify that

**SWL Rope Lifting & Testing Ltd T/A Lloyds Ship Safety Services Ltd**  
**Portsmouth Hants, United Kingdom**

is granted acceptance for

**Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear , in accordance with Class Programme DNV-CP-0484 and IACS UR Z17 Annex 1 [13].**

This service supplier certificate will be accepted for use with all rule sets published by DNV.  
**See the following page(s) for details regarding application.**

This Certificate is valid from **2024-07-10** to (inclusive) **2027-07-09**.

This Certificate is issued on **2024-07-16**.



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signatures

**Moraes, José Guilherme**  
**Surveyor**

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.



### Application:

The approval is granted for maintenance, thorough examination, operational testing and repair of the following equipment:

| LIST OF APPROVED EQUIPMENT, MAKER AND MODEL |  |
|---|--|
| LAUNCHING APPLIANCE (DAVIT)                 | MODEL/SERIES   |
| Acebi                                       | SBG, RAD TP, FE, FEM   |
| Acta  | DC, DR series, 09KNT, 16KNT SERIES   |
| Bada Hi                                     | DH, BDR, BDR   |
| Beretta                                     | R, PFH, PFL, PFD   |
| Davit International                         | D-RT, D-H, D-FG, D-FH, C-FS, D-CR, D-RC, D-BC, DNP.SP, D-NP, MP, D-NPS, D-BR, D-ND   |
| Dongnam International                       | DHG, DHDG, DLRD, DRDB, DNRD, D-SAD   |
| Dongwoo                                     | DWS  |
| Fassmer                                     | FOD, FSAR, FPD, FOH, FHD, FMPD   |
| Global Davit                                | LMS, LMES, RMS, RMES, RSP, RHS, RES, LML, RML, RHL, RHP, FHS, GSP, GLP, UDSP, UDR  |
| Greben                                      | FF, RLC, PD, HD, FOD   |
| Gurdesan                                    | FFD series, RRS  |
| Hyundai                                     | FF,BDH58S  |
| Hatecke                                     | FFA, FFA LP, FFB, GSP.FLH, GSP.O, GspFPW07, W10, W26   |
| Hydralift                                   | HL6D   |
| IKnow                                       | H  |
| Jiangsu Jiaoyan                             | JYL,JYF,JYR21  |
| Jiangyin Neptune                            | NPT-DF,NPT-DL,NPT-DR   |
| Jiangyinshi Beihai                          | FA, SA, SAC  |
| Mansei                                      | series: E, M, S,R, D-FH, MFH   |
| Navalimpianti                               | GDMP, GDET, NPS, DGHW hydraulic station, DGHW control stand, SPTD, FOLS, SGSHD, SGHD, SPHD, FRB, UDSP, UDR   |
| Navigations                                 | 1.2 Davit and Winch  |
| Ned Deck (Palfinger)                        | PRH, SCM Series, FME series  |
| Ningbo Kairong                              | A, C   |
| Norsafe                                     | NDA, HD, NDSC, NRC   |
| Oriental                                    | FD, RD   |
| Oriental Sekigahara                         | HGD, SHS   |
| Pellegrini                                  | RCL21/35, SAR  |
| Qingdao Beihai                              | BD-AR series, BD-PV series, BD-FA series, BD-FF series, FH series, BD-PL series, BD-SA series  |
| Schat Harding                               | Davit-series NT, RSD, SRR, LT, SAP, MP, 21/14/ ST, SAT, LA700, VIP, SA, SPR, NDP, SA series, FME series, NP75 MOB-SP, HD/SA, HD/25, HPL, SPLC, UDR, UDSP, UNIC, PD, SPLCH, SPLDH, W SERIES |
| Schat Davit                                 | NDP, SA series, FME series   |
| SEC   | Davit GT, HT, MT, MS, WP, WL   |
| Sekigahara                                  | SHS series davi, SFS, SJR, SJS   |
| Sezamor                                     | ZZ-ZOT, ZZ-ZOL, ZZ-ZOLT  |
| Survitec survival Craft                     | SC55DL   |
| Vestdavit                                   | CL, PL   |
| Woo II                                      | Woo II Liferaft Davit, Woo II Rescue Boat Davit  |
| Wuxi Huahai                                 | HMD  |
| Youngman                                    | YNHD, YNBD   |

| LIST OF APPROVED EQUIPMENT, MAKER AND MODEL |   |
|---|---|
| Zheijiang Marine                            | HE, RE, LE, GL, PL, LFR   |
| <b>SURIVAL CRAFTS (LIFEBOAT)</b>            |   |
| MAKES                                       | MODELS/SERIES   |
| Fassmer                                     | GAR, CFL, GMR, DRAGON, CL/CLR Series, SEL(semi enclosed), PL  |
| Gepa Fibreglass                             | G-FFF(2)-FP) series   |
| Greben                                      | HFRseries,FFL series,TEL series   |
| Hyundhai                                    | HLB65F  |
| Hatecke                                     | GFF,GSL,GSAR semi enclosed-PEL,PL   |
| Jiangsu Jiaoyan                             | JY-FN-6.80,GJ 4.25  |
| Jiangyin Neptune                            | NPT series  |
| Jiangyinshi Beihai                          | JYB series  |
| Qingdao Beihai                              | BH-F series, BH series  |
| Schat Harding/Harding/Watercraft            | FREEFALL FF700, RRB500, LBT500, MCB series, MCM28, 8.0PE, 8-MxL, NPD series   |
| Shigi Shipbuilding                          | FEL, SZ-BR, SZ-TR   |
| Tsuneishi                                   | TL series   |
| <b>RELEASE GEAR</b>                         |   |
| MAKES                                       | MODELS/SERIES   |
| Acta  | L, S-1  |
| Bada Hi                                     | BHR SERIES  |
| Bianchi & Cecchi                            | U-Hook series   |
| Davit International                         | RH-20, OLH, OFFLOAD, RH, ALH  |
| Fassmer                                     | Duplex, FRR Duplex, Simplex Fassmer Freefall Release Hook, Duplex   |
| Gepa Fibreglass                             | G-FFRM series   |
| Global Davit                                | HR,HRN,HRL  |
| Greben                                      | NLH   |
| Hyundhai                                    | Talon, Talon II SERIES  |
| Hatecke                                     | Duplex 2.6, Duplex 3.0, Duplex 3.5, Duplex 4.3/4.6, Duplex 6.0, Duplex<9t gff-r-10,gff-r-11,gff-r-8,="" rafti="" 2.5simplex="" 2.5="" offload="" hook,="" simplex="" 2.0="" to="" 2.0i,simplex3.0,="" simplex="" 4.3,="" simplex="" 6.0,="" simplex=""> |
| Henrikson                                   | HLH series, HMKST/HMKG, HMK3.5/HMK5.0, HCH(T)   |
| Ishihara                                    | IHM series  |
| Jiangsu Jiaoyan                             | JX series, T-ISS  |
| Jiangyin Neptune                            | NPT series  |
| Jiangyinshi Beihai                          | HK hook   |
| Jiangyin Xinjiang                           | ZX1   |
| Madrock                                     | R0CLOC series   |
| Mansei                                      | RH-3  |
| Nadiro/Viking Nadiro                        | Drop in Ball Hooks, DIB series  |
| Navalimpianti                               | R.H.3000  |
| Ned Deck (Palfinger)                        | CA R35  |
| Norsafe                                     | TOR, K4-FM, HK Hooks, TOR MK2 series  |
| Palfinger Harding                           | ARH23, ARH33  |
| Parker Hannifin                             | Hydraulic Release System  |

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|---|---|
| Pellegrini                                  | GRA   |
| Qingdao Beihai                              | BG  |
| Schat Harding                               | TOR, Titan, 50-85-100, LHR, ARH/RRH, H-86-M, H-86-M-FF, RH 1.5, KH series             |
| Sezamor                                     | HS, HL, HLR   |
| Shigi Shipbuilding                          | SRS, SZK  |
| Survival System International               | Triple 5  |
| Survitec Survival Craft                     | Safe Launch ROC-LOC series, LRRS, LSA, Safe Launch series                             |
| Vanguard                                    | SH50-85-100/C-SAFE  |
| Wuxi Mingzi                                 | WHK, 15 kN, 21-25kN, 31-37kN  |
| Wuxi Xingsheng                              | 15kN, 21kN, 23kN,25kN,35kN  |
| Zhejiang Hengxin                            | HK series   |
| Zheijiang Marine                            | HK  |
| <b>RESCUE BOATS</b>                         |   |
| MAKES                                       | MODELS/SERIES   |
| Fassmer                                     | RR Series,FR  |
| Gepa Fibreglass                             | G-RB Series   |
| Greben                                      | RB4.3   |
| Hatecke                                     | RB AB, RA AB Duplex, RB AB FH, RB IB, RB/RFB AB FH                                    |
| Jiangyin Neptune                            | NPT series  |
| Norsafe                                     | Midget  |
| Schat Harding                               | 17-17S  |
| Shigi Shipbuilding                          | VOX   |
| Vanguard                                    | 420   |
| Zhejiang Hengxin                            | Rescue Boat   |
| Zheijiang Marine                            | Rescue Boat   |
| Zodiac                                      | RIBo series   |
| <b>LAUNCHING APPLIANCE (WINCH)</b>          |   |
| MAKES                                       | MODELS/SERIES   |
| Acebi                                       | TBE,TR,TE   |
| Bada Hi                                     | BWL, BHI, BRW, FW045  |
| Beretta                                     | SPT   |
| Davit International                         | .01, .02, .03, .04, .06, .07, .12, .14, .18, .26, .34, .40, .60, 0.3nKm, 02nKm series |
| Dongnam International                       | HGW, DHGD, DLBW, DRLD, LRHW, DRDB, DSAD   |
| Dongwoo                                     | DWS,LW,RW   |
| Fassmer                                     | DEW, DEW85.5, 2000-40, DEW150, DEW450, DEW15-44, DEW40, DEW85, DEW2000                |
| Global Davit                                | W05-HC.02.01, W02-04, W07-08, W10-26, W26, W02, W04, GspFH series                     |
| Greben                                      | EW  |
| Gurdesan                                    | KHK,KV,FLW1   |
| Hyundhai                                    | BDH series  |
| Iknow                                       | EB  |
| Jiangsu Jiaoyan                             | JYW, FW hydraulic   |
| Jiangyin Neptune                            | NPT-DW, NPT-DW-S  |

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|---|---|
| Jiangyinshi Beihai                          | D,DW  |
| Mansei                                      | EW, MW, SW, 06.05.02  |
| Navalimpianti                               | EW, EWR, REW, RBEW, RMW, GDEH-W, DGHW XX09, DGHW XX25-41, DGHW XX25-V, DGHW XX45-V, EW-THB93-140, SDHW, EHW, HW           |
| Ned Deck (Palfinger)                        | FD, HW CT   |
| Ningbo Kairong                              | Hydraulic, Electric   |
| Norsafe                                     | HD, DW, ZR  |
| Oriental                                    | FFL, RDW, RDM   |
| Oriental Sekigahara                         | BWE, SWE series   |
| Pellegrini                                  | EW-2QC  |
| Qingdao Beihai                              | BW-LL, BW-SM  |
| Schat Davit                                 | EB, EBR, SERIES: 2-22, 2-38, 2-58, 3-38, 3-58, BE, 04, 08, 0-13, 1-13, NT, CW, W, LW, TW, RW, EW-02-PL, FME, HD/W.BO, BE6 |
| Sekigahara                                  | SWE   |
| Sezamor                                     | WT, WL, WLT   |
| Vanguard                                    | C,P   |
| Woo II                                      | Woo II Liferaft Manual Winch, Woo II Rescue Electric Winch  |
| Wuxi Huahai                                 | HMW   |
| Youngman                                    | YNBW  |
| Zheinjiang Marine                           | D, DP, LHR  |
| Zollern                                     | ZHP series  |