

APPROVAL OF SERVICE SUPPLIERS

This is to certify that

Netaman Safety OÜ

Tallinn, Estonia

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 **2022-11-03** to (inclusive) **2025-11-02**.

This Certificate is issued on **2022-11-03**.



for **DNV**

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

Voog, Valdo
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This Certificate may be withdrawn if: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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Application:

This Service Supplier is approved for maintenance, through examination, operational testing, overhaul and repair of the following equipment:

Lifeboats (incl. free-fall lifeboats)

Make	Model/series
ACEBI	PELB-, TELB-series
Balden	BD-FFC-, BD-FFT-, BD-LB-series
Bianchi & Checchi	PE-series
Brooker	CA-series
DSB Engineering Co., Ltd	DSBP-, DSBFC-, DSBFF-, DSBC-, DSBF-series
Fassmer	CL-P-, PLL-, PLT-, SEL-, CFL-, CL-, CLR-, CLX-, DRAGON-series
Fassmer Marland	GAR-, GAR-T-, DRAGON C-, GMR-, HH-C-, DRAGON F-, GMR-T, HH-T-series
GEPA	G-FYK-, G-FFF-, G-FK-, DFK-FP-series
Greben	PEL-, FFL-, TEL-, TEL-FP-series
Harding (UMO Schat Harding)	CTL-, ML-, MPC-, FF-, MCF-, MCB-, MCM-series
Harding (Watercraft)	MOB-, MOBAC-, PELB-, PERB-, WFF-, MK 1-, MK 2-, MK 3-, MK 4-, MK 5-series
Hatecke	PEL-, GSL-series
Hatecke (Ernst Hatecke)	GFF-series
HLB (Hyundai Lifeboats)	HDFN-F-, HDFN-T-, HDL-, HLB-series
Hoei Senpaku Co., Ltd.	HS-, HSF-series
IHI Marine United Inc.	G-, GTC-, GTC-C-, GT-F-, GTC-F-, GTR-F-series
Japan Marine United Corp.	GF-, GTR-series
Jiangsu Jiaoyan	JY-FF, JY-FN-, JYQ-FN-, JYQ-FP-series
Jiangyin Neptune	NPT-C, SC-, NPT-F-, NPT-P-, NPT-PT-, NPT-FA-, NPT-FC-, NPT-FCA-, NPT-FF-series
Jiangyin Wolong	JYK-, JYP-, JYCF-, JYFF-, JYC-, JYCA-, JYF-, JYFA-series
Jiangyin Xingjang	JY-FN-series
Jiangyinshi Beihai	JYB-K-, JYB-B-, JYB-FC-, JYB-FF-, JYB-C-, JYB-F-series
Ned-Deck Marine (Palfinger)	NPT-series
Ningbo Asia	BJ-, YZFC-, YZFF-, YZC-, YZF-series
Ningbo New Marine Lifesaving Equipment	NM-series
Nishi-F (ex.Ishihara)	NF-, NFA-, PML-, FF-, CML-, EML-, G-TR-, G-FR-series
Noreq (Palfinger)	LBP-, LBF-, LBT-series
Fiskars	TELB-series
Palfinger	CTL-, MPC-, NPT-T-, FF-, NPT-FC-, NPT-FF-, KISS-C-, NPT-F-, KISS-T-, NPT-C-series
Qingdao Beihai	BH10-, BH-F, BH-C-, BH-T-series
Shigi	SZGM-, SZGO-, SZP-, SZPR-, FEL-, SZBR-, SZTR-series
Stoznia Utska	FFB-, Z-series
Survitec	FF-, SC-series
Survival Systems Int.	CA-series
Tsuneishi	TL-TE-series
Tsuneishi (Kambara Ringyo)	KL-TE-, KL-FP-series
Tsuneishi (Sanyo Works)	TE-, FP-series
Vanguard	VG-C, VG-F-, VG-HLB-series
Viking (Norsafe)	Minima, JYN-, JYN-C-, Maggie-C, Matilda-C, Maud-C, Maxima-C, Miram-C, JYN-T-, Maggie-T, Matilda-T, Maud-T, Maxima-T, Miram-T-series

Viking (Norsafe) (Jiangyin)	GES-series
Waterman	365-, 367-, 393-, 351-, 366-, 366HRL-, 368-, 371-, 371HR-, 377-, 379-series
Whitaker	CA-series
Wuxi Haihong	BH-, BJ-, HH-FC-, HH-FF-, HH-C-, HH-CS-, HH-T-, HH-TS-series
Wuxi Wenjiao	BH-, BJ-, WJ-, WJFF-, WJFFC-, WJBC-, WJBF-series
Zhenjiang	YH-QFP-, YH-DR-series

Rescue boats (incl. fast rescue boats)

Make	Model/series
Avon	RB-, SR-series
Dafer (Narwhal)	FRB-700-, FRB 900-, SV-series
Delta	COMET-, PHANTOM-series
DSB	IRB-series
DSB Engineering Co., Ltd.	DSBRB-, DSBFA-series
Fassmer	FRIR-, RR-series
GEPA	G-FRB-, G-RB-series
Greben	RB-series
Harding (UMO Schat Harding)	MOB 4.5A-series
Hatecke	FRB-, RB-series
HLB (Hyundai Lifeboats)	HDFR-, HDR-series
Jiangsu Jiaoyan	GJ-, GJF-, GZ-series
Jiangyin Neptune	NPT-R, NPT-RA-, NPT-RB-, NPT-RFA-series
Jiangyin Wolong	JYDR-, JYKR-series
Jiangyin Xingjiang	GJ-, GJ-B-series
Jiangyinshi Beihai	JY-BR-, SC-K-, SC-KR-series
Mare Safety	RB-series
Maritime Partners	Alusafe, Sea Bear, Springer, Weedo series
Ned-Deck Marine (Palfinger)	NMD 4.40 RESCUE-series
Ningbo Asia	YZRA-, YZRB-, BJ-, YZ-series
Nishi-F (ex. Ishihara))	FRP-series
Noreq (Palfinger)	FRB-, RRB-series
Normar	FRC-series
Palfinger	FRSQ-, RSQ-series
Qingdao Beihai	BH-HR7-, FRB-, BH-R-series
Shigi	FRP-, VOX46-series
Stoznia Utska	FRB-, R-, RIB-series
Survival Systems Int.	FRB-series
Vanguard	VG-FRK-, VG-FRW-, VG-DRS-, VG-KR-series
Viking (Norsafe)	Magnum, Mako, Merlin, Midget series
Viking (Norsafe) (Jiangyin)	Matrix-series
Wuxi Haihong	JG-series
Wuxi Wenjiao	WJ-RA-, WJ-RB-, WJ-series
Zhenjiang	YH-FRB-, YH-FRA-, YH-R-series
Zodiac (Survitec)	RIB-, H4725-, RIBO-series

Release gear (for lifeboats (incl. free-fall), rescue boats, fast rescue boats and davit launched life rafts)

Make	Model/series
BADA	BD-LH-, BHA-, BHR-, BHR255-series
Balden	BD-LBH-, BDHR-series
BC Service	U HOOK-series
Chang Sheng	35KN-series
Davit International	OLH-, RH-series
Fassmer	Duplex<6.6t-, duplex="">6T-, FFH-series
Global Davit	HRN-, HR-series
Greben	NLH-series
Harding (UMO Schat Harding)	FFH-, CAR-35F-, ARH 23-, RRH-series
Hatecke	Duplex<6t-, duplex="">6T-, GFF-, Simplex-, Simplex Offload- series
Henriksen	HCH-, HMK-series
HLB (Hyundai Lifeboats)	TALON MK 1-, TALON MK 2-series
Hoei Senpaku	HS-, HS520 96-, HS650 96-, HS520 83-, HS650 83-series
IHI Marine United Inc	JX-1-series
Jiangsu Jiaoyan (Jiangyin Xinjiang)	JX-, JX-2-, JXN-3-, JX1-series
Jiangyin Neptune	NPT-50-, PNHKG-series
Jiangyin Wolong	HK-, JX-1-, FHK-series
Jiangyinshi Beihai	HK-, HKF-series
Madrock	ROCLOC-series
Mansei	RH3-series
Ned-Deck Marine (Palfinger)	CAR 35-series
Ningbo Asia	HK-series
Nishi-F (Ishihara)	IHM 12-, IHM 13-, NS-, F-, ML-series
Noreq (Palfinger)	JXN-3-series
Palfinger	LHR MK 2-, LHR MK1-, Nadiro D.I.B.-, FFH-, NPT-, CAR-35F-, CAR 35-, RRH-series
Qingdao Beihai	BG-series
Servoship	200-series
Sezamor	HS-, HLR-series
Shigi	SRS-, SZK30-, SZK5-series
SSI	Suresafe-, Triple 5-, Triple 5 LX-series
Survitec	Safelaunch-, SLA 3.5-series
Survival Systems Int.	Suresafe-, Triple 5-, Triple 5 LX-series
T-ISS BV	PX02-, PX01-series
Tsuneishi	43GS-1-series
Vanguard	C-SAFE-, 5-series
Verhoff	Twistlock-series
Viking (Nadiro)	DIB-series
Viking (Norsafe)	Nadiro D.I.B.-, TOR MK 1-, TOR MK 2-, GES-, K4-, HRS-, NFFH-series
William Mills	Titan-, Empress-series
Wuxi Wenjiao	HK-series
Wuxi Xingsheng	XS-series
Zhenjiang	HK-series

Launching appliances (for lifeboats (incl. free-fall), rescue boats, fast rescue boats and davit launched life rafts)

Make	Model/series
ABAS	KDE-, MDE-series
ACEBI	TPF-, A-, AF-, PF-, PFR-, RRP-, TPU-, SPG-, GRA-, TPC- series
ACTA	HSC-, DR-, MOB-series
Alexander Ryan	BH-series
ARIM	AREH-, ARPV-, AHA-series
BADA (ex. Daeryuck)	BDF-, BDR-, BDA-, BDFA-, BFRD-, TT-, BDH-, BDMS-, BDTW-series
Bianchi & Checchi	PE-, PET-series
Coastal Marine	D-series
Davit Company	FFFDA-series
Davit International	D-FH-, D-FO-, D-FOS-, D-BR-, D-CR.R-, D-CRM-, D-RC-, D-RC.T-, D.BC.R-, D.CRE.R-, D-NP.FR-, D-NPS.SP-, D-TT.SP-, D-FP.R-, D-TT-, D-NP-, D-NP.MP-, D-RT-, D-SP-series
Denizan	DSFDD-, DRBD-, DRBLRD-, DSRBD-, DSFRB-series
Dongnam	DNRD-, DR-, DRBLRD-, DSAC-, DSAD-, DHGD-series
DSB Engineering	DSBDF-, DSB23DR-, DSBARH-, DSBDP-, DSBDR-, DSBDL-, DSBTL-, DSB DYL-series
Fassmer	FHD-, FPD-series
Global Davit	GSP.O-, RSP.O-, FHS-, LML-, LMES.S, LMS-, RMS-, RHL-, RHP-, RHS-, RMES-, RML-, GLP-, GSP-series
Greben	HFF-, FOD-, SAR-, RLC-, SPG-, GR-RTD-, GD-PD-, HD-series
Gurdesan	GD-FFD-, GD-KHK-, GD-RSS-series
Hanyoung Enterprise	Resue Boat Davit-series
Harding (UMO Schat Harding)	FF-, FFB-, LA-, HD-FL-, ORD-, LAR-, SAR-, SPR-, SRR-, SA-, HD-SPG-, HD-VIP-, SPG-, GRA-, HD-RT-, SPD-series
Harding (Watercraft)	WRG-series
Hatecke	FFA-, GSP.O-, GSP.FP-series
Iknow Machinery (Tsuji)	HD-series
Jiangsu Jiaoyan	JYF-, JYP-, JYCA-, JYR-, JYL-, JYGR-, JYHG-series
Jiangyin Neptune	NPT-, NPT-DP-, NPT-DR-, NPT-DR-, NPT-BE-, NPT-DL-, NPT-DYL-series
Jiangyin Wolong	JY-FH-, JYPL-, JYSA-, JY-LFR-, JY-LRHE-, JY-PLR-, JYHE-series
Jiangyinshi Beihai	FA-, PD-, SA-, SAC-, SMR-, EHRD-, FRH-, SRH-, BH-G-, LA-, LB-H-, HB-H-, RB-H-, BHGH-series
MacGregor (TTS) (Hydramarine)	A-TYPE-, HLD-, HMC-, HMD-, T-TYPE-series
Mansei	FE-, MFH-, SAR-, SR-, HER-, ABD-, AH-, AV-, EH-, EM-, M-, AT-, GRA-series
Navigations	1.1-series
Navim Group	FDRB-, SPDT-, SGHD-series
Ned-Deck Marine (Palfinger)	FPG-, SCH-, SCM-, SCT-, SEC-, PFH-, PRH-, PRHE-series
Ningbo Asia	YZF-, YZ-, ZFDZ-, L-series
Ningbo New Marine Lifesaving Equipment	NMPL-, NM-, NMAR-series
NMF	BPK-series
Nor Davit	PL-, SDP-series
Noreq (Palfinger)	NRD-, SCH-, SCH-R, SCHD-, SCM-, NPD-series
Oriental Precision	FD-, FF-, RD-, SHS-, DHA-, DMA-, HGD-, HGK-, RTD- series
Palfinger	NPT-DF-, FF-, FPG-, SCH-R-, SCM-, NTD-, NPT-, VIP-, NPD-, PFH-series
Pelegrini Marine Equipment	GRA-series
Qingdao Beihai	BD-FF-, BD-PL-, BD-SA-, BD-SH-, BD-AR-, BD-PV-series
Redrock	RDA-, RDT-series

Sekigahara	SF-, SFA-, SFB-, SFP-, SHS-, AT-, STS-series
Sezamor	ZZ-ZOL-, ZZ-ZOT-series
Shin Myung Tech	SMRB&LRD-FT-, SMRBD-SD-, SMRBD&LRD-, SMRDB&PV-series
Stoznia Utska	HZ-, PZ-series
Survival Systems Int	PL-series
Tsuji	RP-, H-, T83-, TC-series
TTS (Hydralift)	HL-, HL9D-series
Vanguard	PL-, HS-, MS-, VS-, DH-, PR-, PRH-, LE-, VL-, PFH-, SRH-series
Verhoff	FL-series
Vestdavit	L-, PAP-, PAPH-, PL-, PLAR-, PLD-, PLI-, PLP-, PLR-, TBD-series
Viking (Norsafe)	SW-, A-, C-, D-, NDC-, NRC-R-, NDA-, NRB-, E-, LH-series
Viking (Norsafe) (Jiangyin)	NDSC-R-, HD-series
Welin Lamie	LRW-series
Wuxi Dongwu	F-, NPT100F-, 21-35KN-, DCW210-, A30/H35-, 18KN-110KN-, 25KN-30KN-series
Wuxi Haihong	23KN-series
Wuxi Huahai	PD-, HMB-, HMDA-, HMD-series
Wuxi Shengou	SMDF-, SMC-, SMD-, HMDA-, SHMDL-, SMD-series
Zhenjiang	FH-, PL-, ZF-, L-series

Remarks:

Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.16.