

APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000HTU
Revision No:
3

This is to certify that

C Survey AB

Västra Frölunda, Sweden

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 **2024-02-16** to (inclusive) **2027-02-15**.

This Certificate is issued on **2024-03-20**.



for **DNV**

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

Christiansson, Philip
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This Certificate may be withdrawn if: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:

Lifeboats (incl. freefall lifeboats), Rescue boats (incl. fast rescue boats)	
Make	Model / Series
Acebi	TELB, PELB series
Avon	RB, SR series
Balden	BDFF-T, BDFF-C, BD-R BD-LB series
Beiyang Boatbulding Co.Ltd	20 TECB 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
Esvagt	ALU 460F 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, CLR-T, CLR-C 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, STINGER 630, HARDING-LBF, LBT-C, LBT-T 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, FRB 600, GSL-T series
Hoei Senpaku	HS , HSF series
HLB (Hyundai Lifeboats)	HDL, HDR, HDFL, HDFN, HDFR, HLB, HT, HDL-CF,HDF25T 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, GTR-JYF 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, NPT-RA series

Jiangyin Wolong F.R.P. Boat Co. Ltd	JYKR, JYDR, JYFA, JYFF, JYC, JYF, JYCA, JYCF, JYP, JYCB series
Kang Nam Corporation	GTB series
Mare Safety	RB, GTC 700 series
Maritime Partners (Alusafe), (Weedo), (Sea Bear)	Alusafe 700,770, 17 SOLAS, 1200DC, Weedo, 600,660,700, Springer 660, Sea Bear series
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, NM43R, NM59FC series
Ningbo New Marine Lifesaving Equipment Co. Ltd	NM, NM43R, NM45R, NM58FF, NM59FC 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.O.O	Z, FFB , R, RIB series
Survitec	FF, SC, SC60RA series
Survival Systems Int	CA series
Tsuneishi	TL-TE, KL-TE, KL-FP,TE,FP series
Valiant	RB-450, RB-450 series
Vanguard	VG-C, VG-F, VG-HLB, VG-KR, VG-DRS, VG-FRK, FRW- series
Veb Schiffswerft Rechlin/Muritz	GAL series
Verhoef	DR, FL- 50 series

Viking (Norsafe) (Jiangyin)	GES, JYN-T, JYN-C, Maud, Maggie, Maxima, Minima, Miram, Matilda, Matrix, Midget, 470 GRP, JYN-MKI , 470 GRP, JYN-MKI 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, MK 5 series
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
Xtenders	6.8 SOLAS TENDER series
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
Zhenjiang Just Marine Equipment Co., Ltd	ZJM-4.0, ZJM-FF series
Zhejiang Wantong Heavy Industry co., LTD	BCFF, GJ series
Zodiac Milpro International	RIBO series
Release gear (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)	
Make	Model / Series
Bada Heavy Industries	BHA, BHR series
Balden	BD-LBH, BDHR series
Bianchi & Cecchi	U Hook
BC Service	U-ARH 3.5T series
Chang Sheng	35kN
Crantson Eagle	APR-356-CB/CBH series
DAE JIN Co. LTD	THP-1B
Davit International	OLH, RH series
Fassmer	Duplex > 6t, Duplex - < 6.6,="" ffh45,="" f="">
Global Davit	HR,HRN, HRL, series
Greben	NLH series

Hatecke	Duplex - > 6t, Duplex - <6t ,="" gff,="" simplex,="" simplex="" offload,="" simplex="" 1,85,="" hmk="" st="" 3,5="">
Harding (Palfinger)	ARH , FFH, KISS, LHR, LHR M2, RRH series
Harding (Umo Schat Harding) (Palfinger)	KH6.5M2 series
Henriksen	HMK; HCH, HMK ST 3,5 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	NPT-HK, NPT-50, NPT-HAN, PN-HKC, NPT-HCK , NPT-HK25F, NPT-70HKF , NPT-HK 25R series
Jiangyin Wolong	FHK, HK, LB80MR series
KCL (Kolber Casperly Lautom A/S)	NOA LRRS series
Lalizas	LAR 36 series
LSA Service GMBH	LSA-H2,1 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
Ningbo New Marine Lifesaving Equipment Co. Ltd	JX-2 series
Nishi-F Co., Ltd,. (Ex. Ishihara Dockyard, Nishi-Nippon)	ML, F, NS, IHM/ 12 /13 SR-3 series
Normar	JX-2 series
Norsafe / Viking	HRS, NFFH, K4,,Tor Mk1, TOR Mk 2, TOR MK 2-S/6 TON 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, SZK 30, SZK 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
Vestdavit	LB series
Viking / Norsafe	HRS, NFFH, K4,,Tor Mk1, Mk 2,Nadiro DIB, RCH 36, VIKING 1.6 series
Verhoef	Twistlock series
William Mills / Harding	Titan series
Wuxi Haihong Boat Making Co., Ltd	HH43 series
Wuxi Mingzi Machinery Manufacturing Co., Ltd	25KN-30KN, 31-37KN, 15KN series
Wuxi Wenjiao	HK series
Wuxi Xingsheng	XS series
Zhenjiang Marine Auxiliary Machinery Works	HK40series
Zhejiang Wantong Heavy Industry Co., LTD	HK series
Launching appliances (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)	
Abas	MDE. KDE series
Acebi	A, AF, GRA, PF, PFR, RRP, SPG, TPC, TPF, TPU series
Acoin	R18700
Acta	DC, DR; HSC; MOB series
Alexander Ryan	AREH, BH series
Arim	AHA, ARPV, series
A Tech	AT-LRD, AT-LRD series
Bada Heavy industries	BDA, BDFA, BDF, BDH, BDMS, BDL, BDR, BDTD, BDTW, BFRD,BLR, HDFL, ORFP, Hinged Gravity, BFOD, HDF, HDL, BDHP, BHI-RLD, HDF, HDL series
Bianchi & Cecchi	(BC) PE, PET series
Bopp Treuils Jeb	BHD series
Coastal Marine Equipment, Inc.	D series
Cramm Yachting Systems B.V	CDT 7000 series
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, D-TF series
Denizsan	DSFDD, DSFRB, DSRBD, DSRB series

Dongnam Marine Crane Co Ltd	DHGD, DNRD, DRBD, DRBLRD, series
Dong Nam Enterprise.,Co Ltd	DLB series
Dongwoo Machinery & Engineering Co., Ltd.	DWS, DBD series
DSB Engineering Co Ltd	DSBARH, DSBDF, DSBDL, DSBDP, DSBDR, DSBDTL, DSBDYL, DSB23DR, DRM-FFD series
EO Lifesaving	CH-52 R-LR
Fassmer / Marland	FFH, FMPD, FPD, FSARR series
Ferri	1872 TN 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	FOD, GR-RTD, HD, HFF, GD-PD , RLC,r SAR ,SPG series
Gurdesan	GD-FFD, GD-KHK, GD-RRS series
Haean 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, NPDS,ND series
Hatecke (Ernst Hatecke)	GspFP, GSP.O, DFR, DR, FFA, FFB, series
Hanyoung Enterprise	RBD series
Hydralift/ TTS	HL, HL9D series
Hydramarine	HMC, HMD, TTS T series
Holen AS	KOPAS A-1000 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, JYRCAseries
Jiangyin Neptune	NPT-BE, NPT-DR, NPT-DP, NPT-DL, NPT-DF, NPT 60 DL series
Jiangyin Wolong	JY-FH, JYHE, JYLFR, JYPL, JYSA, LRHE, PLR series
Jung-A-Marine Co., Ltd	PCRLC series
Kyoritsu Kikai	LAF-MUF68 series
KGW Schweriner Maschinenbau Gmbh	RB series
Macgregor (TTS) (Hydramarine)	A-Type, G-type, T-type, HMD, HMD A32 MK3 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), CM series

Menaron SA	CMPS 21 series
Nanjing Dongsheng Marine Equipment Co.,LTD	ARL21, AR14 series
Navim Group	FDRB , SGHD- L, SPHD- T, SPDT-L, SPDT-T, SPDT-R, NHRB 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, NMF55KN 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
Pelegri 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
Schat Harding	FR.P.SP series
SEC (Ships Equipment Centre)	HP2, MS, SP3 HS series
Sekigahara	AT, SF, SFA, SFB, SFP, SHS, STS, SSS series
Servo Ship S.L	FFR, PR4M1100HR series
Sezamor	ZZ-Zł J, ZZ-ZłJ2, ZZ-ZOL, ZZ-ZOT series
Shanghai Hengyuan Marine Equipment Corporation	FH, SAF, series
Sheyang Victor Marine Auxiliaries Co., Ltd	21 KN series
Sekwang Marine Machinery Co, Ltd	SINGLE ARM SLEWING, RBD series
Shin Myung Tech	SMRBD-SD, SMRBD&LRD, SMRBD&PV, SMRB&LRD-FT, SMLRD-25P series
Stocznia Utska SP. Z.O.O	PZ, HZ series
Zhejiang Wantong Heavy Industry Co., LTD	SBD-5800 series
Survival Systems Int	PI series
Taizhou Haihao Marine Equipment Co.,Ltd	21KN Boat/Raft Davit, 55kn series
Technimpianti S.P.A	FRB series

Tsuji Heavy Industries	H, RP, TC, T83 series
Ulstein Fama (Fama Gnieuw)	ZO, ZT series
Vanguard	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, TBD, PLA series
Viking / Norsafe (Jiangyin)	A, C, D, E, H, HD, LH, NDA, NDC, NRC-R, NDSC-R, NRB, SW, CH-52 series
Yilmaz Denizcilik	YDGS series
Watercraft	WRG series
Welin Lambie	LRW, SARBE series, PIV.1.0A
Wuxi Dongwu	Free-fall Lifeboat Davit (F55-F70), Gravity - Luffing Arm (18kN-110Kn), Gravity Rescue Boat / 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
Wuxi Jiangnan Marine Equipment Co., Ltd	ZFQ series
Yilmaz Denizcilik	YDGS series
Zhejiang Hengxin Ship Equipments Co.,Ltd	SA23-1 series
Zhenjiang DH Marine Equipment Co., Ltd	MSD series
Zhenjiang Marine Auxiliary Machinery Works	PL,L, FH,SAFC,SRH, ZF SAW30, SAF series
Zhenjiang Just Marine Equipment Co., Ltd	FH series
Zhejiang Taizhou Wantong Marine Machinery CO Ltd	YSJ series
Zhejiang Wantong Heavy Industry Co., LTD	FH, SA23-1 series
Zhenjiang West Marine Equipment Co. Ltd	WME-LRH, WME-SAD series
Winch of Launching appliances (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)	
Make	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, BHI-EHW series

Bopp Treuils Jeb	BHP 4200 series
Cramm Yachting Systems B.V	BWF1500 series
Dinamic Oil	FHW series
Davit Company	16 EV, SRR
Davit International	0.1.,.02. 03., 04., 06., 07., 12. ;40; series
Denizsan	MTV1 series
Dinamic Oil	FHW series
Dongnam Marine Crane Co.,Ltd.	DSAD series
Dongwoo Machinery & Engineering Co., Ltd.	DWS, DBD series
Dong Nam Enterprise.,Co Ltd	HLW series
DSB Engineering Co Ltd	DRM-HW series
Fassmer / Marland	DEW, FFWH series
Ferri	1702 TN, 1722 TN series
EO Lifesaving	W series
Global davit	01, 02 ,04 ,08,10, 14, 20, 26 W05HC, WO8HC, WS, 02H.06.01, W07KN series
Gurdesan	GD-FLW, GD-HC-A series
Greben	EW, HW, EW-2 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, 08-02, FM 194 series
Hatecke (Ernst Hatecke)	07.02.08 series
Hydralift	SP series
IHI Marine United Inc	MUW series
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, FW45 series
Jiangyin Neptune	DW, DS NPT-DW series
Jiangyin Wolong	JYD, JYD-D 23Z series
Navim Group (Tecnimpianti S.P.A)	RBEW series
Nanjing Dongsheng Marine Equipment Co., Ltd	DB14 series

Mansei (Muria) (Muria Vider)	ABW, AW, CMW, EW, EBW, ERW FW MLW, MW, SW, RMW, RBH, LBH, 06, series
Menaron SA	CMPS 21 series
Nanjing Dongsheng Marine Equipment Co.,LTD	ARL21 series
Ned Deck Marine (Palfinger)	04, HWCT, 15, BREVINI BWC 050, BREVINI BWF 025 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
Pelegriani Marine Equipment	VAS 45 E, RLC Series
Qingdao Beihai Shipbuilding Heavy Industry Co. Ltd.	BW-LL, BW-HL, BW-HR,BW-SC series
SEC (Ships Equipment Centre)	WL series
Sekwang Marine Machinery Co, Ltd	RBW series
Sekigahara	SNW, SWE series
Servo Ship S.L	FFRW series
Sheyang Victor Marine Auxiliaries co., Ltd	14 KN series
SPP Shipbuilding Co Ltd.	W-5800A series
SSI	W series
TMA Winches	TN, MW series
Taizhou Haihao Marine Equipment Co.,Ltd.	21kn series
Technimpianti S.P.A	HW series
Tsuji Heavy Industries	EB, TC series
Ulstein Fama (Fama Gniew)	ERM, ER10B, WLZ43C-11 series
Viking (Norsafe) (Jiangyin)	DW, HYD-FF, W series
Verhoef	FL 50 series
Vestvinsj	A-273-7, BW series
Watercraft	NW; MW series
Welin Lambie	55; 5619, 53, 9502, 97, RBW, PIV.1.0A series
Wuxi Huahai Marine Equipment Limited Co. Ltd	HMW, MW series
Wuxi Dongwu	DS/Z, D/Z Series
Wuxi Shengou	SMW
Yilmaz Denizcilik	YDGS 10 series



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Zhejiang Hengxin Ship Equipments Co.,Ltd	DZ series
Zhenjiang Marine Auxiliary Machinery Works	D, DP, JYRZ, SAW30 series
Zhejiang Wantong Heavy Industry Co., LTD	DZ, IYJ4-50-120-20-ZP series
Zhenjiang West Marine Equipment Co. Ltd	WME-LRH, WME-SAD 14 series
Zollern	ZR , A2FM45-61A, ZHP series