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Certificate No: LR22221352AS-02

Issue Date: 05/07/2022 Expiry Date: 03/06/2025

Lloyd's Register Approved Service Supplier

Supplier PFC Marine

Address Horden, Unit 8, Seaview Industrial Estate, Peterlee, SR8 4TQ, United Kingdom

Contact Details info@pfcmarine.co.uk

Contact Number Tel: 01915183448 Fax: 01915863555

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear

This Service Supplier has been approved to service the equipment in accordance with IMO Resolution MSC.402(96), as amended.

Service engineers are to be provided with a valid Certificate, issued by this Approved Service Supplier, which defines their level of qualification and the scope of the certification (i.e. makes and types of equipment and specifically state which activities (e.g. annual thorough examination and operational tests; 5-year thorough examination, overhaul; overload operational tests; repairs) are covered by the certification). This Certificate should be made available when requested.

For makes approved see appendix A:

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.

Miles Lilley

Senior Surveyor to Lloyd's Register EMEA A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Appendix A

SURVIVAL CRAFT & RESCUE BOATS Type		
Acebi	TELB, PELB series	
Avon	RB, SR series	
Balden	BD-FF, BD-LB series	
Dafer / Narwhal	SV series	
DSB DEUTSCHE SCHLAUCHBOOTE	IRB series	
DSB Engineering Co Ltd	DSBC, DSBF, DSBP, DSBR, DSBRFA, DSBFC, DSBFF series	
Fassmer	CFL, CL, CL-P, CLR, CLX, DRAGON, GAR, GMR, SEL, PLL, PLT, RR series	
Gepa	FFF, G-FK, G-FYK, G-RB series	
Greben	FFL, RB, TEL series	
Harding	FF, MCB series	
Harding Safety	MCB, PEL series	
Hatecke Hoei Senpaku	GFF, GSL, PEL, RB series HS series	
Hyundai	HD, HDL, HDR, HDFL, HDFN, HLB, series	
Japan Marine United Corp	GF, GTR series	
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd)	JY, GJ, GZ, JYFF, JYQF series	
Jiangyin Neptune	NPT-C, FC, FCA, NPT-F, FFA, NPTR, NPTRA, NBTRB, NPTRFA series	
Jiangyin Wolong	F, FA, FF, JY-C, JY-CA, JYCF, JYP series	
Jiangyin Xinjang	GJ-450, GJ-6.0.B, JY-FN series	
Jiangyinshi Beihai	F, FC, JYB-B, JYB-C, JYB-FF, JYB-KR, JYB-R, LBH, SC-KR series	
Mare Safety	RB series	
Mulder & Ryke	Totally Enclosed Lifeboat / Rescue boat series	
Narwal	SV, series	
Ned Deck	NPT series	
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	BJ, YZ, YZC/ F, YZFF/ FC series	
Nishi	FF, G, EML, PML, SM series	
Noreq	LBF, LBT, RRB series	
Palfinger	CTL, FF, KISS, MPC, NPT, RSQ series	
Qingdao Beihai	BH, BH-R, BH-HR, BH-F Dolphin series	
Shigi	FEL, SZ, SZPR, VOX46 series	
Survitec	FF, SC series	
Survival Systems Int	CA series	
Tsuneishi	TL, KL series	
Vanguarde	VG-C, VG-F, VG-HLB, VG-KR, VG-DR series	
Verhoef	DR, FL- 50 series	
Viking / Norsafe	GES, JYN, NJYN, Maud, Maggie, Maxima, Minima, Miram, series	
Viking / Norsafe / Narwhal	Matrix, Midget, FRB series	
Watercraft	Mk 1,2,3,4, 5 series	
Waterman	351, 361, 363, 372, 374,377, 378, 382, 391, 393 series	
Wuxi Haihong	HH-C/ S, HH-FC / FC, HH-T/S, JG series	
Zhenjiang Marine	YH-FRA, YH-FRB, YH-DR, YH-QFP, YH-R series	

MAKE	MODEL/SERIES
Bada Heavy Industries	BHA, BHA, BHR series
Balden	BD-LBH,BDHR series
BC	U Hook
Beihai	BG, HKF, series
Davit International	OLH, RH series
Fassmer	Duplex > 6t, Duplex - < 6.6, FFH45 series
Global Davit	HR,HRN series
Greben	NLH series
Hatecke	Duplex - > 6t, Duplex - <6t, GFF simplex 1.1,2.0i series
Harding / Palfinger	ARH , FFH, KISS, LHR Mk 1, LHR Mk 2 RRH series
Henriksen	HMK; HCH series
Hoei S	HS series
Hyundai	Talon Mk 1, Talon Mk 2 series
Jiangyin Neptune	HK, PNHKG series
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd)	JX 2, JXN 1B JXN3, series
Jiangyin Wolong	FHK, HK series
Mansei	RH3
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd HK	HK series
Nishi	HIM/ 12 /13 series
Norsafe / Viking	GES, K4,,Tor Mk1, Mk 2 series
Neddeck / Palfinger	CAR 35
Palfinger	ARH ,CAR 35, CAR35F, FFH, KISS, LHR Mk 1, LHR Mk 2 RRH series
RocLoc	RocLoc series
Shigi	SRS SZK5, SZK30, series
Sezamor	HLR18, HS, series
Survitec / RocLock	SafeLaunch series
SSI	SureSafe, Triple 5, Triple 5 LX
Vanguarde	S, C-safe series
Viking / Norsafe	GES, K4,,Tor Mk1, Mk 2,Nadiro DIB series
Verhoef	Twistlock series
William Mills / Harding	Titan series

Wuxi Xingsheng	XS series

WINCH		
MAKE	MODEL/SERIES	
Aciebi	TBE series	
Alexander Welin	AIW series	
Bada Heavy Industries	BA, BDF BLW, BM, BMW BW, BRW,PWD series	
Davit International	0.1.,.02. 03., 04., 06., 07., 12. ;40; series	
Fassmer	FFWH series	
Global davit	01, 02,04,08,10, 14, 20, 26 W05HC, WO8HC, WS; WS series	
Gurdesan	GD-FLW, GD-HC-A series	
Greben	EW,HW series	
Hatecke	FFA series	
Harding (Schat Harding)	BE, FME, CW, HD, LN, MW, W series	
Hydralift	SP series	
Iknow Machinery (TSUJI)	EB series	
Japan Marine United Corp	MU series	
Jiangyinshi Beihai	D, DW, 50kn,65kn, PF series	
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd)	JYWP series	
Jiangyin Neptune	DW, DS series	
Jiangyin Wolong	JYD series	
Mansei	BA, BH, CMW, FW LBE, LBH, MW, RBE, RBH, SW, 06 series	
Ned deck	04, HWCT 15 series;	
Nor Davit	NW, SP series	
Oriental Precision	BWE, SWE series	
Palfinger	04, 15,, BE, FME, CW, HD, HWCT, LN, MW, W series	
Qingdao Beihai	BW-LL, BW-HL series	
SEC	WL	
Sekigahara	SNW, SWE series	
Schat Harding	BE, HD, MW series	
SSI	W series	
Tsuji Heavy Industries	EB, TC series	
Verhoef	FL 50 series	
Watercraft	NW; MW series	
Welin Lambie	55; 5619, 53 ; 9502, 97 series	
Wuxi Huahai	HMW series	
Wuxi Dongwu	DS/Z, D/Z Series	
Zhenjiang Marine	DP series	
Zollern	ZR series	

DAVITS	
MAKE	MODEL/SERIES
Abas	MDE. KDE series
Acebi	A, AF, GRA, PF, PFR, RRP, SPG, TPC, TPF, TPU series
Acta	DR; HSC; MOB series
Alexander Ryan	AREH, BH series
Arim	AHA, ARPV, series
Bada Heavy industries	BDF, BDH, BDR, BFR, BHI, HDF series
Beihai	BHG series
Bianchi & Cecchi	(BC) PE, PET series
Davit International	BR, CRM, D-FH, D-FO, D-NP, D-NPSP, D-NPS.SP, D-RT, D-TT.SP, MP, SP series

Denizsan	DSFDD, DSFRB, DSRBD series
Dongnam Marine Crane Co Ltd	DHGD, DSAD series
DSB Engineering Co Ltd	DSBARH, DSBDF, DSBDL, DSBDP, DSBDR, DSBDTL, DSBDYL, DSB23DR series
Fassmer	FHD, FPD series
Global Davit	Fhs, Glp.FLh, GLp.FP, Glp.FpH, Glp.MP, GLp.RT, GSP, Gsp.FLh, Gsp.FP, Gsp.FPh, Gsp.MP, Lms, Rhl, Rhp, Rhp.HC, Rhs, Rhs.HC, Rml.Lml, Rms, Rsp.O, RT series
Greben	FOD, GR-RTD, HD, HFF, GD-PD, RLC,r SAR, SPG series
Gurdesan	GD-FFD, GD-KHK GD-RSS series
Harding	FPG, ORD, SPG series
Harding Safety	FF, HD, LA, PD, RT, SA, SPG, SRR, VIP series
Hydralift/ TTS	HL series
Hydramarine	HMC, HMD, TTS T series
Iknow Machinery (TSUJI)	HD series
Jiangsu Jiaoyan	JYF, JYGR, JYHG, JYP, JYR series
Jiangyin Neptune	DF, DL, DP, DR, DYL, NPT series
Jiangyin Wolong	JY-FH, JYHE, JYLFR, JYPL, JYSA, LRHE, PLR series
Jiangyinshi Beihai	FA, FRH, HB, LB, LB-H, PD, SA, SAC, SMR, RB, 65kn, series
Macgregor	HMD series
Mansei	ABD, AH, AV, EH, EHR, EM, FE, FH, GRA, M, SAR, SPG(VL), series
Ned Deck Marine	FPG, PFH, PRH, PRHE, SCH, SCM, SCT, SEC, series
Ningbo Asia F.R.P. Boat Manufacturing Co Ltd	L, YZF, ZFDZ series
NMF	BPK series
Nor Davit	PL, SDP series
Noreq	NPD, NPDS, NRD series
Oriental Precision	FD, FF, HDG, RD, SHS, series
Palfinger	FF, FPG, NPD, NPT, PFH, SCM-L, SCH-R, SCM -R, VIP series
Qingdao Beihai	AR, BD, BD - AR, BD - FF, EHRD, FA, FRH, PL, PV, SA series
Redrock	RDA, RDT series
Sekigahara	AT, SF, SFA, SFB, SFP, SHS, SSS, STS series
Sezamor	ZZ-ZŁ J, ZZ-ZŁJ2, ZZ-ZOL, ZZ-ZOT series
Shin Myung	SMRBD-SD, SMRB / LRD series
Survival Systems Int	Pl series
Tsuji Heavy Industries	H, RP, TC, T83 series
Vanguarde	DH, HS, LE, MS, PFH, PL, PR, PRH, SRH, VL, VS series
Verhoef	FL - 50, L, PA, PLAR, PLD, PLR, TBD series
Viking / Norsafe	A, C, D, E, H, HD, LH, NDA, NDSC, NRB, SW series
Watercraft	WRG series
Welin Lambie	LRW series
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), series
Wuxi Huahai	HMB, HMD, HMDA, PD series
Zhenjiang Marine	PL series