

Lloyd's Register Approved Service Supplier

Supplier	Techno Fibre Middle East Marine Services FZE - Dubai Branch
Address	W 106, Dubai Maritime City,, PO Box 122090, Dubai, United Arab Emirates
Contact Details	E-mail address: vikash@technofibre.com; Contact person : Vikash Ragunathan
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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

Inspections And Maintenance Of Fire-Extinguishing Equipment And Systems
Annual and 5 yearly Inspection and maintenance of fixed fire extinguishing system and portable fire extinguishers.
Service Of Immersion Suits, Thermal Protective Aids, And Chemical Protective Clothing
Immersion Suits Manufactured by: 1. Shanghai Fangzhan
Validity of the manufacturers' certificates to be verified as applicable.
Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
Service Supplier's personnel are certified in accordance with manufacturers' established certification programme. The service supplier is authorised to work on the makes and types shown in the attached appendix A
This Service Supplier has been approved to service the equipment in accordance with IMO Resolution MSC.402(96), as amended.

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

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.

Servicing Of Inflatable Liferrafts, Inflatable Lifejackets, Hydrostatic Release Units, Inflatable Rescue Boats, Marine Evacuation Systems

Servicing of liferafts from the following manufacturers:

1. CSM
2. Zhenhua (Ningbo Zhenhua Lifesaving equipment Co. Ltd)
3. Shanghai Youlong
4. Jiangsu Haining

Validity of the manufacturers' certificates to be verified as applicable.

Inspections And Maintenance Of Self-Contained Breathing Apparatus

Self-Contained Breathing Apparatus (SCBA) and EEBD approved by:

1. Shanghai Fangzhan

Validity of the manufacturers' certificates to be verified as applicable.

Hydraulic Tests Of Low And High Pressure Cylinders

Maximum pressure at which the equipment is certified is 690 bars.

Lloyd's Register Approved Service Supplier

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.

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

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APPENDIX A

Office: **Dubai**

Date: **10 June 2022**

This Certificate is issued to Techno Fibre Middle East Marine Services FZE - Dubai Branch

The service supplier has been approved to service the following equipment in accordance with MSC 402 (96).

MANUFACTURER	TYPE OF EQUIPMENT	MODEL
Iknow Machinery Co., Ltd.	DAVIT WINCH	Davit: (H, T, TC) Series Winch: (EB, TC, OAP) Series
Nishi-F Co., Ltd.	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM	G-Series, ML-Series and F-Seires
Sekigahara Seisakusho Co., Ltd.	DAVIT	Gravity type davit: SH, SFB, SHS, STS, SSS Free-Fall life boat davit: SFS, SFA, SFB, SFC, SFD Rescue boat davit: SJS, SJR
Shigi Shipbuilding Co., Ltd.	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM	SZ Series, FEL Series, VOX Series, GARS Series, Open Type and Release Gear
Jiangyinshi Beihai LSA Co., Ltd.	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM LA-DAVIT & WINCH	Boat: Series of SC, JYB Hook: Series of JYBHK Davit: Series of SAC,SA,FA,LA,BHGH,PD,FRH,EHRD,SRH,BHGP,RB,HB,HDC,ESAD
Boatbuilding Branch Qingdao Beihai Heavy Industry Co., Ltd.	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM LA-DAVIT & WINCH	Totally Enclosed: BH-5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8 Freefall lifeboat: BH-F6.0,F7.0A,F7.8,F8.1,F5.8, F6.8,F660,F670,F750,F900A Rescue boat: BH-R4,R4S,R4SA,R5S Gravity Pivot Davit: BD-PV50,PV60,PV60S,PV85,PV125 Freefall launching davit: BD-FF55,55A,55R,FF80,80A,80R,80B,FF66,FF67,FF85 Single arm davit: BD-SA14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23 Winch: BW-H(L/R)31,50,63,75; L(L/R)75, 125; SC14;21 Gravity lifeboat release mechanism: BG-3,3L, BG-7; BH-HOOK3,HOOK5,FS5,FS7 Freefall lifeboat release mechanism: BG-3.5F, 4F, 4.5F,4.5FL,5F,6F Rescue boat release mechanism: BG-2R, 15KNXS, 25KNXS, 35KNXS
Vanguard Pte Ltd	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM LA-DAVIT & WINCH	Lifeboats: VG4.9, VG5.9, VG5.7, VG7.5, VG8.5, VG9.6, VG10.5, VG11.95, VG12.05 Rescue/Fast Rescue Craft: VG4.0, VG4.5, VG6. Hooks: QRH35, CSAFE3.5, CSAFE5, CSAFE5 MKII, CSAFE8.5, CSAFE8.5, MKII, CSAFE10, CSAFE10 MKII, CSAFE14 Lifeboat & Rescue boat: VG/VG-FF/FC/KR/DB/DRS/DR4/HLB/HLBLR/FRK/FRW Hook (LRRS): C-SAFE/SPEARHEAD/HK/SHF Davit: LVD/PL/A/PLR/SRH/LR/VA/VAE/VL/VL-G/V5 Winch: DW/D / DW/S / SLR / DWP / HW / PRH / VWL / VW/S / VW/Z

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CSSC Luzhou Zhenjiang Marine Auxiliary Machinery Co., Ltd.	LA-DAVIT & WINCH LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM	<p>Gravity davit: LE55-1/LE65-1/LE85-1/LE100-1/LE138-1/LE170-1/HE65/HE85/HE100/HE138/HE170/RE50/RE60/RE80/RE100/SRH65/SRH85/SRH100/SRH120/SRH150/SRH170/SRH200/SRH230/GL65/GL85/GL110/GL138/GL165/TG65/TG85/TG110/TG150/TG170/TG200/TG230/HT80/HT100/HT150/HT210/LC400</p> <p>Launching appliance davit: FH55/FH70/FH75/FH85/FH100</p> <p>Single arm davit and crane: SAF14/SAF21/SAFC21/SAFC25/SA21/SA32/HDCL2-6.5/HDCL3-6/HDCL3-10/LA25/LA35/DH30</p> <p>Offshore davit: PL65/PL85/PL100/PL110/PL120/PL138/PL150/PL180/PL200/PL230</p> <p>Fast Rescue boat davit: LFR30/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SAWH45/SAWH60</p> <p>Totally Enclose Life boat: YH5.0QFP/YH5.0QFN/YH6.5QFP/YH6.5QFN/YH8.5QFP/YH8.5QFN/YH8.5QFP-A/YH8.5QFN-A/YH10.3QFP/YH10.3QFN/YH9.5QFP/YH9.5QFN/YH12.0QFP/YH12.0QFN/YH9.9BFP/YH12.5BFP/ZZHG-BF-12.5</p> <p>Freefall Life boat: YH5.9FP/YH5.9FN/YH6.7FP/YH6.7FN/YH7.5FP/YH7.5FN/YH8.5FP/YH8.5FN</p> <p>Fast Rescue boat: YH6.0FRA/YH6.0FRB/YH6.5FRA/YH6.5FRB</p> <p>Rescue boat: YH4.5R/YH4.5DR/YH7.5</p> <p>Hook: HK25/HK25B/HK40/HK40C/HK65/SH55/SH70/SH85,</p> <p>Handle release hook 15KN,</p> <p>Automatic release hook 21KN/23KN/35KN</p>
Wuxi Hai Hong Boat Making Co., Ltd.	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM	<p>Totally enclosed/Rescue boat Series: HH50C/HH50T,HH53C/HH53T, HH57C/HH57T, HH65C/HH65T, HH65CS/HH65TS, HH70C/HH70T, HH75CS/HH75TS, HH75C,HH80CS/HH80TS, HH85C/HH85TS</p> <p>Freefall Lifeboat Series: HH59FC/HH59FF, HH76FC/HH76FF</p> <p>Rescue boat Series: GJ4.5B/GJ4.5B1</p> <p>High Speed Rescue boat: GJ618A/GJ618B</p>
Oriental Inspection & Service Co., Ltd.	LA-DAVIT & WINCH	<p>Hinged gravity type davit: Series (HGD,HGK,SHS,RTD,DHA,DMA)</p> <p>Hinged gravity type winch: (BWE,SWE,WL) Series</p> <p>Freefall davit and winch: FD Series, WL Series</p> <p>Rescue / Lifteraft davit and winch: RD Series, RDW Series</p>
Dong Woo Machinery & Engineering Co., Ltd	LA-DAVIT & WINCH	DWS SERIES, LRDS SERIES, RBDS SERIES, HINDGED GRAVITY BOAT DAVIT AND FREEFALL DAVIT RESCUE DAVIT AND LIFE RAFT DAVIT
HLB Co., Ltd & Bada Heavy Industries Co., Ltd.	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM LA-DAVIT & WINCH	<p>HLB (ex. Hyundai Lifeboats)</p> <p>Lifeboat & Rescue boat: Series of HD,HT, HDL, HLB; HDF, HDFL, HDFN; HDR & HDRF</p> <p>Release Mechanism: Series of THP, Talon & Talon II</p> <p>Bada Heavy Industries (ex. D.R.M.)</p> <p>Davit: Series of DRM, BDH, BDTD, BDHP, BDTW, BDRW, BDM and BFOD</p> <p>Series of FF, HDFL, HDF, BDF; BDR, BDH, BDA, BDFA; BDL, BDR & BHI</p> <p>Winch: Series of DRM,DRBW, BAW, BDF, BHI,BLR,BLW, BMW, BRW, BWL, BWR & FHW</p> <p>Release Mechanism: Series of BDR, BHA & BHR</p>
Wuxi Dongwu Marine Equipment Co., Ltd.	LA-DAVIT & WINCH	<p>Gravity Luffing Arm Davit: 18KN/25KN/40KN/50KN/60KN/60KN(60L)/85KN/110KN/T2.5/SK50</p> <p>Gravity Sliding Track Davit: 25KN/30KN</p> <p>Freefall Lifeboat Launching Appliance: F55/F70/NPT100F</p> <p>Rescue boats/Lifterafts Launching Appliances: 21KN(Manual)/ 21KN(Electrical)/21KN (Electrical/hydraulic)/25KN(Electrical / hydraulic)/35KN(Electrical / hydraulic)/DWC210</p> <p>Rescue boats Launching Appliances: A30/H35</p> <p>Lifeboat winch: DS*ZY25/DS*ZY40/D50S/DS*ZY63/D63S/80KN(life)</p> <p>Life/rescue boat winch: DZY/Z21/DZ*ZY25/DZ*ZY40/D50Z/DZ*ZY63/D63Z/80KN(rescue)</p>

Wuxi Wenjiao G.F.R.P Factory	LIFEBOAT FREE FALL LIFEBOAT RESCUE BOAT FAST RESCUE BOAT RELEASING GEAR MECHANISM	Totally enclosed life/rescue boat: WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C Freefall Lifeboat: WJ59FF, WJ59FC, WJ67FF, WJ67FC Rescue boat: WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB Lifeboat: WJ45D, BJ55, BJ60, BJ70, BJ75, BJ80, BJ85 Release Gear: WJHK40, WJ30HK, WJ63HKC
Zhenjiang DH Marine Equipment Co., Ltd.	LA-DAVIT & WINCH	Single Arm Boat / Raft Davit: HSD23,HSD15 Rescue Boat Davit: PR30,PRH35 Liferaft Davit: MSD23 Single arm Liferaft Davit: MSD33 Gravity Luffing Arm Davit: LE90, LE120
West Marine Engineering Pte. Ltd	LA-DAVIT & WINCH	Single arm davit & winch: WME-SAD14, WME-SAD30 Single arm davit-manual operation: WME-SAD23 A-framedavit semi hydraulic system: WME-LR30 A-frame davit fully hydraulic system: WME-LRH35, WME-LRH75 Conventional davit & winch: WME-MGD185 Boat raft davit: WME-HTD30
Jiangyin Wolong F.R.P Boat Co., Ltd.	LB, FFLB,RB, FRB, RG, LA-D&W	Totally Enclosed Lifeboat: JY50C/F,JY50CA/FA,JY57C/F,JY60C/E/F,JY65C/F,JY70C/F,JY80C/F, JY80CA/FA,JY85C/F,JY85CA/FA,JY85CB/FB,JY93C/F,JY102/F,JY117C/F Freefall Lifeboat: JY49CF/FF,JY59CF/FF,JY67CF/FF,JY85CF/FF,JY109CF/FF Rescue boat: JY40KR,JY42KR,JY45DR,JY45KR,JY50R,JY54KR,JY60KR,JY65KR,JY75KR, JY85KR Partially Enclosed Lifeboat: JY70P,JY80P,JY85P Open type Lifeboat: JY45KR,JY55K,JY65K,JY70K,JY75K,JY80K,JY85K Gravity luffing arm type: JY-LE65,JY-LE85,JY-LE100,JY-LE150 Launching appliance of Freefall Lifeboat: JY-FH55,JY-FH70,JY-FH90,JY-FH15 Platform Davit: JY-PL70,JY-PL110,JY-PL150,JY-PL185,JY-PL215 Single arm boat/raft davit: JY-SAF21,JY-SAF23,JY-SA23S,JY-SA37S,JY-SR33S,JY-SAF33,JY- HSR23/16,JY-HSR33/23,JY-FCR2066,JY-FCR2305 Rescue boat davit: JY-PLR21,JY-LFR27,JY-LRHE30,JY-LRHE70,JY-LFR35,JY-SAP14,JY-SAP30 Gravity overhead rolling type davit: JY-HE70,JY-HE95,JY-HE120,JY-HE155 Telescopic boom type davit: JY-TBD120, JY-TBD215,JY-TBD35 Hydraulic luffing arm type davit: JY-GYE70,JY-GYE120,JY-GYE185 Connecting rod type davit: JY-GL70,JY-GL95,JY-GL120,JY-GL185 Winch: JY-SAP14,JY-D23Z,JY-D23/16Z,JY-SAFC23,JY-D33/23Z,JY-SAF33,JY-LRHE30,JY- PLR21,JY-LFR27,JY-LRHE70, JY-D50S/Z,JY-D70S/Z,JY-D85S/Z,JY-D110S/Z,JY-DW125S,JY- DP110S/Z,JY-DP150/Z,JY-DP185,JY-DP215
Jiangsu Jiaoyan Marine Equipment Co., Ltd.	LB, FFLB,RB, FRB, RG, LA-D&W	Freefall Lifeboat: JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8, JYM-FN-6.65/JYM-FF-6.65/JY- FN-6.8/JY-FF-6.8, JY-FN-7.5/JY-FF-7.5/ JY-FN-8.5/JY-FF-8.5 Rescue boat : GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10 Totally enclosed lifeboat : JY-QFP/N-5.0/JY-QFP/N-5.25/ GTR57JYC/F/JY-QFP/N-6.0A JY- QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A/ JY-QFP/N-8.00/JY-QFP/N- 8.50/JY-QFP/N-8.50X, JY-QFP/N-9.35 Hook : JX-1/JX-2/JX-3/JXN-1/JXN-3 Gravity luffing arm type davit : JYL52/JYL55/JYL65/JYL85/JYL105/JYL135 Launching appliance : JYF55/JYF75/JYF90 Platform Davit : JYP65/JYP85/JYP105/JYP135 Single arm davit : JYR21/JYRC21/JYR14/JYRH14/JYRH21 Electric Boat Winch : JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100/JYWP135

The service supplier's personnel are also certified in accordance with international standard ISO/PAS 23678:2020 for the following equipment.

SURVIVAL CRAFT & RESCUE BOATS

MAKE	MODEL/SERIES
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, DSBP, DSBRA, 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	GFF, GSL, PEL, RB series
Hoei Senpaku	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, FF, FFA, NPTR, NPTRA, NBTRB, NPTRFA series
Jiangyin Wolong	F, FA, FF, JY-C, JY-CA, JYCF, JYP series
Jiangyin Xinjiang	GJ-450, GJ-6.0.B, JY-FN series
Jiangyinshi Beihai	F, FC, JYB-B, JYB-C, JYB-FF, JYB-KR, JYB-R, 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, EML, PML series
Noreq	LBF, LBT, RRB series
Palfinger	CTL, FF, KISS, MPC, NPT, RSQ series
Qingdao Beihai	BH, BH-R, BH-HR, BH-F series
Shigi	FEL, SZ, SZPR, VOX46 series
Survitec	FF, SC series
Survival Systems Int	CA series
Tsuneishi	TL, KL series
Vanguard	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 series
Watercraft	Mk 1,2,3,4, 5 series
Waterman	351, 377, 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

RELEASE GEAR

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, RRH series
Henriksen	HMK; HCH series
Hoei S	HS series
Hyundai	Talon Mk 1, Talon Mk 2 series
Jiangyin Neptune	HK series
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd)	JX 2, 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,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
Vanguard	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, W08HC, WS; WS series
Gurdesan	GD-FLW, GD-HC-A series
Greben	EW,HW series

Hatecke	FFA series
Harding (Schat Harding)	BE, FME, CW,HD, MW, W series
Hydralift	SP series
Iknow Machinery (TSUJI)	EB series
Japan Marine United Corp	MU series
Jiangyinshi Beihai	D, DW series
Jiangsu Jiaoyan (Jiangyin Xinjiang F.R.P. Co., Ltd)	JYWP series
Jiangyin Neptune	DW, DS series
Jiangyin Wolong	JYD series
Mansei	CMW,FWLBE, LBH, MW, RBH, SW, 06 series
Ned deck	04, HWCT 15 series;
Nor Davit	NW, SP series
Oriental Precision	BWE, SWE series
Palfinger	CW, 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	BH series
Arim	AHA, ARPV, series
Bada Heavy industries	BDF, BDH,BDR,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, DSBDDL, DSB23DR series
Fassmer	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, 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, PL, PV, SA series
Redrock	RDA, RDT series
Sekigahara	AT, SF, SFA, SFB, SFP, SHS, SSS, STS series
Sezamor	ZZ-ZOL, ZZ-ZOT series
Shin Myung	SMRBD-SD, SMRB / LRD series
Survival Systems Int	PI series
Tsuji Heavy Industries	H, RP, TC, T83 series
Vanguard	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

This Appendix shall be attached to the Service Supplier certificate LR22280176AS-01 and no signature required as this is issued electronically.

M.Shahzad
Surveyor to Lloyd's Register EMEA

a member of the Lloyd's Register group.