



Lloyd's Register Approved Service Supplier

Supplier	Dolphin Marine - Free Zone
Address	Land Building No. 3, Block G, Adabiya Free Zone, Suez, 43511, Egypt
Contact Details	E-mail : info@dolphin-marine.net; iso@dolphin-marine.net
Contact Number	Tel. No. : +20 62 323 0306 Fax. No. : +20 03 425 2179

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's personnel are certified in accordance with manufacturer's certification programme, for the equipment listed in the Appendix A to this approval.

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.

Inspections And Maintenance Of Fire-Extinguishing Equipment And Systems
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Minimax - CO₂ Extinguishing systems

Mohamed Rehab

Senior Surveyor in Charge, North Africa
Region to Lloyd's Register Egypt LLC
A member of the Lloyd's Register group

Apartment no 303-3rd Floor, 13 Ramo Gardens
Street – EL Nasr Road, Nasr City, Cairo, Egypt

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



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Inspections And Maintenance Of Self-Contained Breathing Apparatus

Interspiro

SCBA, EEBD, Cylinders and its accessories

Jiaxing Rongsheng Lifesaving Equipment Co., Ltd.

EEBD - Model : THRS15

SCBA - Model : RHZK6/30 RHZK8/30 RHZK6-S RHZK6.8-S

Service Of Immersion Suits, Thermal Protective Aids, And Chemical Protective Clothing

Lalizas

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

Manufacturer's approval by:

Duarry

- Sherif Ahmed (Technical)

Lalizas

- Ahmed Samir (General manager)

Fujikura

- Ahmed Samir (General manager)

CSM

- Mostafe Kamal (Supervisor)

Haining

- Mostafe Kamal (Supervisor)

Shanghai Youlong

- Ahmed Samir (General manager)

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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.

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APPENDIX A

Office: **Alexandria**

Date: **04 December 2022**

This Certificate is issued to Dolphin Marine - Free Zone

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

SL No	MAKE	MODEL/ APPLIANCES
1	JIANGSU JIAOYAN MARINE EQUIPMENT CO. LTD.	<p>1. FREEFALL LIFEBOATS 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/JY-FN/FF-9.5</p> <p>2. TOTALLY ENCLOSED LIFEBOATS 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/ JY-QFP/N-10.90A</p> <p>3. RESCUE BOATS GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10 GJ7.50/GJ8.0A-2/GJ8.5Q-2</p> <p>4. HOOK : JX and JXN Series</p> <p>5. GRAVITY LUFFING ARM TYPE DAVIT: JYL52/JYL55/JYL68/JYL85/JYL105/JYL135</p> <p>6. LAUNCHING APPLIANCE: JYF55/JYF75A/JYF75-B/JYF90</p> <p>7. PLATFORM DAVIT: JYP65/JYP85/JYP105/JYP135</p> <p>8. SINGLE ARM DAVIT: JYR21/JYRC21/JYR14/JYRH14/JYRH21/JYR30/ JYR23</p> <p>9. ELECTRIC BOAT WINCH: FW45/ JYW42/JYW50/JYW70/JYW100/JYW100/JYWP70/JYWP100/JYWP135/ JYW35/JYRZ21</p>

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2	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD.	<p>1. LIFEBOATS (TOTAL ENCLOSED) BH-5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8</p> <p>2. LIFEBOATS (FREEFALL) BH-F6.0,F7.0A,F7.8,F8.1,F5,F6.8,F660,F670,F750,F900/A</p> <p>3. LIFEBOATS (RESCUE) BH-R4,R4S,R4SA,R5S</p> <p>4. DAVIT (GRAVITY PIVOT) BD-PV50,PV60,PV60S,PV85,PV125</p> <p>5. DAVIT (FREEFALL LAUNCHING) BD-FF55,55A,55R,FF80,80A,80R,80B,FF65/66/67/85</p> <p>6. DAVIT (SINGLE ARM) BD SA14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23</p> <p>7. WINCH BW-H(L/R)31,50,63,75;L(L/R)75,125;SC14;21;30</p> <p>8. RELEASE MECHANISM (GRAVITY LIFEBOAT) BG-3,3L,BG-7;BH-HOOK3,HOOK5,F55,F57</p> <p>9. RELEASE MECHANISM (FREEFALL LIFEBOAT) BG-3.5F,4F,4.5F,4.5FL,5F,6F</p> <p>10. RELEASE MECHANISM (RESCUE BOAT) BG-2R; 15KNXS,25 KNXS, 35KNXS</p>
	JIANGYINSHI BEIHAI LSA CO., LTD	<p>1. BOAT: SERIES OF SC, JYB</p> <p>2. HOOK: SERIES OF JYBHK</p> <p>3. DAVIT: SERIES OF SAC,SA,FA,LB,LA,BHGH,PD,FRH,EHRD,SRH,BHGP,RB,HB,HDC,ESAD</p>
3	ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	<p>1. LIFEBOATS SERIES: BCC, BCF, BCFC, BCFF</p> <p>2. RESCUE BOAT SERIES: GJ, FRH, RH</p> <p>3. RELEASE MECHANISM SERIES: HK</p> <p>4. DAVIT SERIES: FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN</p> <p>5. WINCH SERIES: DZB, D, DW</p>

4	FASSMER	Davit launched totally enclosed lifeboats GMR5.9/TGMR5.9/GMR6.5/TGMR6.5/GMR 7.4/ TGMR7.4/GMR8.3/TGMR8.3/CLR- C 5.9/ CLR - T:5.9/CLR- C 6.4/ CLR- T 6.4/CLR - C 6.8/CLR - T 6.8/CLR - C 7.2/CLR - T 7.2/CLR - C 7.6/CLR - T 7.6/CLR - C 8.1/CLR - T 8.1 /CLR - C 8.5/CLR - T 8.5/CL- C 8.9/CL - T 8.9/ CL - C 9.4/CL - T 9.4/CL - C 9.8/CL - T 9.8/ CL - C 10.2/CL - T 10.2/CL - C 10.7/CL - T 10.7/CL - C 11.1/CL - T 11.1/CL - C 11.5/CL - T 11.5/CL - C 11.9/CL - T 11.9/CL - C 12.4/CL - T 12.4/CL - C 12.8/CL - T 12.8/CL - C 13.2/CL - T 13.2/CLX 8.5/CLX 10.0/CLX 11.7/CLX 12.8/
		Free fall lifeboat CFL 4.9/CFL - T 4.9/GAR 6.0/GAR - T 6.0/GAR 6.8/GAR - T 6.8/GAR 6.7/GAT-T 6.7/GAR 7.4/GAR- T 7.4/GAR 8.1/GAR-T 8.1/
		GAR 7.7/GAR - T 7 .7/GAR - 8.5/ GAR - T 8.5/ CFL- C 66/CFL - T 66/CFL - C 72/CFL - T 72 /CFL - C 77/CFL- T 77/CFL – C 83/CFL – T 83/
		Partially enclosed lifeboats CL- P 5.9/CL- P 6.4/CL- P 6.8/CL- P 7.2/CL- P 7.6/CL- P 8.1/CL- P 8.5/CL- P 8.9/CL- P 9.4/ CL- P 9.8/CL- P 10.2/CL- P 10.7/ CL- P 11.1/CL- P 11.5/CL- P 11.9/CL- P 12.4/CL- P 12.8/CL- P 13.2/SEL 8.15/SEL 8.8/SEL 9.6/SEL 10.5/SEL 10.55/SEL 11.80/SEL 12.5/SEL - R 8.15/SEL 15.75/SEL – T 10.75 /
		Partially enclosed lifeboats – tender boats TL Limo 110/ SEL – T 11.0/ SEL- T 11.7/SEL – T 12.3/SEL – T 14.0/SEL – T 14.7 /SEL – T 15.75/PLL 1099 /PLT - EVO 170/
		Partially enclosed lifeboats – tender boat and rescue boat SEL- RT 7.7/SEL- RT 7.5/SEL - RT 8.5/
		Partially enclosed life and crew tender boats SEL 11.0 (-T) Partially enclosed life / Rescue / work / tender – boats SEL - R 7.4/SEL – R 8.5 /
		High –performance tender SFB 10.1/
		Fast rescue boats RR 4.2/RR 4.2 – M/RR 4.5 ID/RIR 625 ID/
	FASSMER RESCUE BOATS	FR (1) R 6.1/FR (1) R 6.1 ID/FRR 6.2 ID/FRR 6.5 ID – SF/FRR 6.6 ID/ FRR 7.0 ID – SF/FRIR 6.25/FRR 7.0/
	FASSMER Onload Release Gears Life Boat Release And Retrieval System	Freefall lifeboat release mechanism FFRU 6.6/
		Offload rescue boat hook FOH 27 /FOH 30/ FOH 70
		Onload release gear /DUPLEX 25E2/DUPLEX 2.5E/DUPLEX 50E2/DUPLEX 5.0E/ DUPLEX 60E2 /DUPLEX 6.6E/DUPLEX 10E/DUPLEX 140E2/DUPLEX14E/ DUPLEX17E/DUPLEX 180E2/DUPLEX 230 E2/DUPLEX 23E
	FASSMER DAVITS / cranes	Fassmer hydraulic davit FHD 80/ FHD 100 / FHD 120 / FHD 130 / FHD 150 / FHD 170 / FHD 172 / FHD 280 / FHD 450
		HINGED DAVIT FFH 45V

		FREE FALL DAVIT FFH 45 / FFH 65
		PIVOT DAVIT FPD 55 / FPD 60 / FPD 100 / FPD 80 / FPD 120 / FPD 150 / FPD 170 / FPD D60 / FFH 49
		FREEFALL DAVIT FFH 49 / FFH 50 / FFH 60 / FFH 70 / FFH 72 / FFH 77 / FFH 80 / FFH 83 / FFH 85 FFH 90 / FLR 49 / FLR 66
		Freefall Ramp FLR 8005/FLR 8006/FLR 8007
		Multi pivot davit FMPD 100/FMPD 130/FMPD 150 /FMPD 160 /
		Outrigger davit FOD 100/FOD 120/FOD 130/FOD 150/FOD 170/FOD 190/FOD 40R/FOD50/FOD55/FOD 80/ FOD LBC 300/FOD SAR 40/FOD-R 22/ FOD -R 23/FOD -R 25/FOD -R 40/FOD TC 450/
		Rescue boat davit FOSV 71/FSAH 22/
		Rescue boat crane FSAH 28/FASH 32/FSAR 14/FSARR 14/3.5 HS/FSAR 21/ FSARR 22/4.0HS-M/FSAR 28/FSAR 40/
		FRC crane PRHE 30/
5	FASSMER – MARLAND	ON LOADRELEASE GEAR/ LIFEBOAT RELEASE & RETRIEVAL SYSTEM DUPLEX 2.5/DUPLEX 2.5E/DUPLEX 25 E2/DUPLEX 5.0/DUPLEX 5.0 E/DUPLEX 50 E2/HH43 (Hai Hong Type)/
		DAVITS / CRANES FPD-D60/FPD-D60/FPD-DH68/SRH70/ FFH49/FF49D/FFH66/FFH66D/FFH72/FFH77/ FFH83/FLR 49/FLR 66/FLR 72/ FSAR 14/3.5HS/FSARR 14/3.5HS/FSAR 4.0/3.5HS/FSAR 21/4.0HS/FSARR 21/4.0HS/FSARR 22/4.0HS/FMAH 22KN/FSAR 25/
		WINCHES DEW 15-24/DEW 15-35/DEW15-44/D52L/D52R/ DW34S/DW34Z/MW50/MW50C for davitFPD-D60/FW35/DEW 150/DEW 450/ RZ25
		LIFEBOATS DRAGON 26C/DRAGON 26T Tanker Version /DRAGON 32C/DRAGON 32T Tanker Version/DRAGON 38C/DRAGON 38T Tanker Version/GMR 6.5/ GMR- T6.5 Tanker Version/GMR 7.4/GMR- T7.4 Tanker Version/HH57C (Hai Hong Type)/HH57T (Hai hong Type) Tanker Version/HH65C (Hai Hong Type)/ HH65T (Hai Hong Type) Tanker Version/HH70C (Hai Hong Type)/HH70T (Hai Hong Type) Tanker Version/CLR-C5.9/CLR-T5.9 Tanker Version/
		FREEFALL GAR 6.7/ GAR -T6.7 Tanker Version/ GAR 7.4/GAR-T7.4 Tanker Version/CFL-C49 (E)/CFL-T49(E) Tanker Version/ CFL-C66(E)/CFL-T66 (E) Tanker Version/CFL-C72 (E)/CFL-T72 (E) Tanker Version/CFL – C77 (E)/CFL-T77 (E) Tanker Version/ CFL- C83 (E)/ CFL – T83 (E) Tanker Version
		RESCUE BOATS / FAST RESCUE BOATS RR4.2 / RR 4.2-M/RRH4.2/RR4.2 ID/FRR6.1 ID/FRR6.2 ID/

6	Zhenjiang Marine Auxiliary Machinery	GRAVITY DAVIT LE45-1/LE55-1 / LE65-1/ LE85-1/ LE100-1/ LE138-1/LE170-1/ HE85-1/HE100-1 /LE170-1/HE65/HE85/HE100/HE138/H17 O/RE50/RE60/RE80/RE100/SRH65/SRH85/SRH100/SRH120/SRH150/SRH170/SRH200/SR H230/GL65/GL85/GL110/GL138/GL165/TG65/TG85/TG110/TG150/TG170/TG200/TG230/ HT80/HT100/HT150/HT210/LC400/RC60-EB
		LAUNCHING APPLIANCE DAVIT HF55/FH70/FH75/FH85/FH100/
		SINGLE ARM DAVIT AND CRANE SAF14/ SAFC21/ SAFC25/SA32/HDCL2-6.5/HDCL3-6/HDCL3-10/LA25/LA35/SH-21/DH30
		OFF-SHORE DAVIT PL65/PL85/PL100/PL110/PL138/PL150/PL180/PL200/PL230
		FASTRESCUE BOAT DAVIT LFR30/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SAWH45/SAWH60
		Totally Enclosed Lifeboat 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
		Free Fall Lifeboat YH5.9FP/ YH5.9FN/YH6.7FP/YH6.7FN/YH7.5FP/YH7.5FN/YH8.5FP/YH8.5FN
		Fast rescue boat YH6.0FRA/YH6.0FRB/YH6.5FRA/YH6.5FRB
		Rescue boat YH4.5R/YH4.5DR/YH7.5
		Hook HK25/HK25B/HK40/HK40C/HK65/SH55/SH70/SH85 Handle release hook 15KN, Automatic release hook 21KN/23KN/25KN/35KN
7	HATECKE	DUPLEX 2.6/DUPLEX 3.0/DUPLEX 3.5/ DUPLEX 4.3 / 4.6/DUPLEX 6.0/GFF-R-10/ GFF-R-11/GFF-R-8/RAFTI 2.5/SIMPLEX 2.0 Off-Load/SIMPLEX 2.0 to/SIMPLEX 2.0i// SIMPLEX3.0/SIMPLEX 4.3/SIMPLEX6.0/
8	ORIENTAL	DAVIT HGD SERIES , HGK SERIES , SHS SERIES RTD SERIES , DHA SERIES , DMA SERIES WINCH BWE SERIES , SWE SERIES , WL SERIES FREE FALL DAVIT & WINCH FD SERIES , WL SERIES RESCUE / LIFERAFT DAVIT , WINCH RD SERIES , RDW SERIES

9	HYUNDAI / LIFEBOAT	GRAVITYTYPE (ENCLOSED) HD32T/F , HD44T/F , HD60T , HDL65~85CT/F(A), HDL85CNT/F , HDL71CTR/CFR, HDL75CTR/CFR , HLB65T/F , HLB105F FREEFALL TYPE HDL740T/F , HDF25T/F , HDF32T/F , HDFN25T/F , HDFN35T/F RESCUE BOAT HDR420 , HDR475 , HDR475 , HDR570 FAST RESCUE BOAT HDFR600 , HDFR680
	HYUNDAI RELEASE MECHANISM	FOR GRAVITY LIFEBOAT TALON II4.0/6.0T , TALON 9.0T FOR FREEFALL LIFEBOAT THP , TALON 4.6T FOR RESCUE BOAT & LIFERAFT BHR25S , BHA25S FOR FAST RESCUE BOAT BHR35F , BHR60F , BHR80F
	HYUNDAI DAVIT	GRAVITY TYPE BDH58S , BDH70S , BDH90S , BDH125S , BDTD60P , BDHP95S , BDTW25S , BDRW100S , BDM70S , BDM130S , BDM170S , BFOD90S FREEFALL TYPE HDFL740 , HDF25/32T , BDF25S , BDF35S RESCUE BOAT BHI-RLD25 , BHI-RD42M , BDR6P , BDR25S , BDR25U , BDR25F , BDR35S , BDA16S , BDA20S , BDA25S , BDA35S LIFERAFT BDL25/35S , BHI-LRD15/20M , BLR20S
	HYUNDAI WINCH	BAW25RG, BLW25M , BMW82L , BRW25F/S/U , BWL40S/U/50S/8S/66S , BWR40S/U/50S/58S/66S, FHW045
10	Jiang yin wolong Lifeboat rescue boat	Total y Enclosed Lifeboat JY 50C/F, JY50CA / FA,JY57C/F,JY60C / E/F,JY6 5C/F, JY70C /F,JY80C / F,JY80CA/FA JY85C/F,JY85CA /FA,JY85CB/FB, JY93C /F,JY102/F,JY117C/F Free Fall Lifeboat JY49CF/FF,JY59CF/FF,JY67CF/FF,JY85CF/FF,JY109CF/FF Rescue Boat JY40KR ,JY42KR, JY45DR ,JY45KR,JY50R,JY54 KR,JY60KR ,JY65KR ,JY75KR,JY85KR Partially Enclosed Lifeboat JY70P,JY80P,JY85P Open Type Lifeboat JY45KR, JY55K,JY65K,JY70K,JY75K ,JY80K, JY85K
	Jiang yin wolong DAVIT & WINCH	-Gravity Luffing Arm Type Davit JY-LE65,JY-L E85 ,JY-LE100,JY- LE150 - Launching Appliance of Free-Fall Lifeboat JY-FH55,JY-FH70,JY - FH90,JY-FH155 -Platform Davit JY- PL70,JY-PL110,JY-PL 150,JY-PL185,JY-PL215 -Single Arm Boat / Raft Davit JY-SAF21 ,JY-SAF23,JY-SA23S ,JY-SA375, JY-SR335, JY-SAF33, JY- HSR23I 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-TBD 120,JY-TBD 215,JY-TBD35 - Hydraulic Luffing Arm Type Davit JY-GYE70,JY-GYE120 ,JY-GYE185 -Connecting od Type Davit JY-GL70,JY-GL95,JY-GL120,JY-GL 185
	Jiang yin wolong 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-DW1255,JY-DP1105 / Z,JY-DP150/Z, JY-DP185,JY- DP215
	Jiang yin wolong Release Mechanism of Lifeboat/ Rescue Boat	Release Mechanism of Lifeboat/ Rescue Boat HK40,HK40A,HK50B,HK50A,FHK70, HK70,HK115,LB60MR,LB80MR,LB120MR, FHK80,FHK 90, LB35MRS,LB70MRS
11	PALFINGER	Survival Craft -Lifeboat Open, TELB, PELB, Tender, Hyperbaric, Capsule -Free Fall lifeboat FFLB -(Fast) Rescue boat Rigid, Semi-rigid Hooks / Release Gear -Conventional hook Off-load, Camshaft, locking plate, Intermediate, Rotating cup, Drop-In-Ball -Free Fall hook Camshaft, Hydraulic jack, Rotating cup -(Fast) Rescue boat hook Fixed, Fall wire suspended -Raft hook Fall wire suspended -Combi RB/Raft hook Fixed, Fall wire suspended Davits - Gravity Davit Normal Deck Pivot, Roller Track, Multi Pivot, Slewing, Fixed Arm (Outrigger), Telescopic - Free Fall Davit FF A-frame, FF Combi-crane, FF Fixed frame - Hydraulic Davit A-Frame Pivoting, Telescopic, Slewing, Deck Pivot, Fixed Arm (Outrigger) Winches - Mechanical winch Threaded sleeve, Band brake, Knott brake, Eccentric brake, Electro-magnetic brake, Torque set brake - Hydraulic winch Hydraulic brake, Combi mechanical/hydraulic brake
12	GLOBAL DAVIT	FHS / RMS / RHS / RHP / RHT/ RSP / LMS / LHS / LGP / RHP.HC / RHS.HC / GSP / GLP Lifesaving craft launching and recovery appliances Handling: Lms.tlgp./Lhs./Lht. Rescue boat handing (si ngle point suspended): Rms./Rhs./RhpJRht. Rescue boat handling g: Rhp.HC./Rhs.HC. Free fall-lifeboat handling: Fhs.

		<p>life-/rescue boat handling (2-pdnt suspended): G/l/s) p.F P /G (Vs) p. MP.G (l/s) p.FPh.G(l/s)p. Flh/G(l/s)p. TTh Winches Life raft/Rescue boat handling (single drum): W01E. W01M. W02E. W02M. W04E. W04M. VV08E. W08M Fast rescue boat Winches: W05.HC. W06.HC. VV08.HC. W14.HC Life-/Rescue boat handling winches (two-drum): W04L/R. W07UR. W10L/R. W14UR. W20L/R. W26L. W36L Free-fall-lifeboat handling winches: W02H. W06H. Release gears Load release type: HRN.12. HRN.28 Combined Off-load/Automatic release type: HRL.26</p>
13	WUXI HUAHAI MARINE	<p>GRAVITY LUFFING ARM DAVIT HML-60/ HML-60-00/ HML-80/ HML-80-00 FREE FALL LIFEBOAT LAUNCHING APPLIANCE HMD55F/ HMD55F-00 / HMD70F / HMD70F-00 RESCUE BOATS /LIFERAFTS LAUNCHING APPLIANCES NO OF DRAWING HMD21D-00/ WORKING LOAD 21KN/ SLEWING LOAD 14KN/ HOISTING LOAD 14KN ELECTRICAL BOAT WINCH HMD21/ HMD21-00-0 / HMD25 / HMD25-00-0 / HMD50/ HMD50-00-0/ HMD75/ HMD75- 00-0/ HMD100/ HMD100-00-0/ HMD110/ HMD110-00-0/ HMD140/ HMD140-00-0/ HMD185/ HMD185-00-0 RESCUE BOATS LAUNCHING APPLIANCES HMD14A / HMD14A-00-0/ HMD30A / HMD30A-00-0/ HMD30A2 / HMD30A-200-0</p>
14	DONGNAM	<p>1. HINGED GRAVITY TYPE (DHG-57-FM, HGW-40-FM, DHG-70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-61-FM) 2. SINGLE ARM TYPE (DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC) 3. FREEFALL TYPE DAVIT (FF, HDF)</p>
15	WUXI SHENGOU	DAVIT, WINCHES MANUFACTURED

This Appendix shall be attached to the Service Supplier certificate LR2375101AS-01 and no signature required as this is issued electronically.

M. F. REHAB
Surveyor to Lloyd's Register Egypt LLC

a member of the Lloyd's Register group.