

Lloyd's Register Approved Service Supplier

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. Service Supplier's personnel are certified in accordance with manufacturers' established certification programme. The service supplier is authorized to work on the makes and types shown in the attached 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.



APPENDIX

Office: **Piraeus**

Date: **30 June 2022**

This Certificate is issued to VASSOS KONSTANTINOU VASILEIOS - SAFETY TECHNICAL BUREAU

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

No	Maker	Type
1.	CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD.	Lifeboats: All models Rescue Boats: All models Davits: All models
.	FASSMER-MARLAND Co., LTD. [ex. Hai Hong Boat Making Co., Ltd. (Guangzhou)]	<p>- TOTALLY ENCLOSED LIFEBOAT 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</p> <p>- FREE FALL LIFEBOAT: 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</p> <p>- RIGID RESCUE BOATS: RR4.2 / RR4.2-M, RRH4.2, RR4.2 ID</p> <p>- FAST RIGID RESCUE BOATS: FRR6.1 ID, FRR6.2 ID</p> <p>- ONLOAD RELEASE GEARS/LIFEBOAT RELEASE & RETRIEVAL SYSTEM: Duplex 2.5, Duplex 2.5E, Duplex 25E2, Duplex 5.0, Duplex 5.0E, Duplex 50E2, HH43 (Hai Hong type)</p> <p>- PIVOT DAVITS: FPD-D60, FPD-D68, FPD-DH68, SRH70</p> <p>- FREEFALL DAVITS: FFH49, FFH49D, FFH66, FFH66D, FFH72, FFH77, FFH83</p> <p>- FREEFALL RAMP: FLR49, FLR66, FLR72</p> <p>- RESCUE BOAT CRANE: 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</p> <p>- WINCHES FOR PIVOT DAVIT: DEW 15-24, DEW 15-35, DEW 15-44, D52L/D52R, DW34S/DW34Z, MW50/MW50C, FPD-D60</p> <p>- WINCHES FOR FREEFALL DAVIT: FW35</p> <p>WINCHES FOR RESCUE BOAT CRANE: DEW 150, DEW 450, RZ25</p> <p>- LIFEBOATS (totally enclosed): 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</p>

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	Hai Hong Boat Making Co., Ltd. (Guangzhou)]	<p>- ONLOAD RELEASE GEARS/LIFEBOAT RELEASE & RETRIEVAL SYSTEM: Onload release gear HH43 (Hai Hong type)</p> <p>- LIFEBOATS HH 57C, 57T, HH 65C, 65T, HH 70C, 70T</p> <p>- LIFEBOAT RELEASE & RETRIEVAL SYSTEM HH43</p>
3.	JIANGSU JIAOYAN MARINE EQUIPMENT CO.,LTD. (FORMERLY: JIANGYIN XINJIANG F.R.P.CO.,LTD.)	<p>- LIFEBOAT: Freefall: 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</p> <p>Rescue Boat: GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10 / GJ7.50/GJ8.0Q-2/GJ8.5Q-2</p> <p>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/JY-QFP/N-10.90A</p> <p>Hook: JX and JXN Series:</p> <p>- DAVIT Gravity luffing arm type davit: JYL52/JYL55/JYL68/JYL85/JYL105/JYL135</p> <p>Launching appliance: JYF 55/ JYF75/J YF7 5-B/ JYF90</p> <p>Platform Davit: JYP65/JYP85/JYP105/JYP135</p> <p>Single arm davit: JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21</p> <p>Electric Boat Winch: FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100 / JYWP135/JYW35/JYRZ21</p>
4.	ORIENTAL INSPECTION & SERVICE CO., LTD.	<p>- HINGED GRAVITY TYPE DAVIT: HGD SERIES, HGK SERIES, SHS SERIES, RTD SERIES, DHA SERIES, DMA SERIES</p> <p>WINCH: BWE SERIES, SWE SERIES, WL SERIES</p> <p>FREE FALL DAVIT & WINCH: FD SERIES, WL SERIES</p> <p>RESCUE / LIFERAFT DAVIT & WINCH: RD SERIES, RDW SERIES</p>
5.	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD.	<p>- LIFEBOATS Total enclosed: BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8.</p> <p>Lifeboat Freefall: BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900A</p> <p>- RESCUE BOAT BH-R4, R4S, R4SA, R5S</p> <p>- DAVIT Gravity Pivot: BD-PV50, PV60, PV60S, PV85, PV 125,</p> <p>Freefall launching: BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67, FF85</p> <p>Single arm: BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23</p> <p>- RELEASE MECHANISM: Gravity lifeboat: BG-3,3R,3L, BG-7;BH-HOOK3,HOOK5,FS5,FS7</p> <p>Freefall lifeboat: BG-3F,3.5F,4F,4.5F,4.5FL,5F,6F</p> <p>Rescue boat: BG-2R, WUXI XINGSHENG 15,21,23,25,35KN HOOK</p>

		- WINCH BW-H(L/R)31,50,63,75;L(L/R)75,125;SC14;21,YSB20-120
6.	WUXI DONGWU MARINE EQUIPMENT Co., Ltd.	- DAVIT Gravity Luffing Arm: 18kN, 25kN, 40kN, 50kN, 60kN, 60kN(60L), 85kN, 110kN, T2.5, Sk50 Gravity Sliding Track: 25kn, 30kN Free-fall Lifeboat Launching Appliance: F55, F70, NPT100F Rescue Boats/liferafts Launching Appliances: Manual: 21kN Electrical: 21kN Electrical / hydraulic: 21kN, 25 kN, 35 kN DWC210 - WINCH Life boat winch: DS*ZY25/DS*ZY40/D50S/DS*ZY63/D63S/80kN(life) Life /rescue boat winch DZY/Z21/DZ*ZY25/DZ*ZY40/D50Z/DZ*ZY63/D63Z/80kN(rescue)
7.	WUXI HAI HONG BOAT MAKING Co., Ltd.	- LIFEBOAT Totally enclosed life I rescue boat series: HH70C / HH70T (QFP7.0/QFN7.0) HH85CS/HH85TS (QFP8.5/QFN8.5) HH65CS / HH65TS (QFP6.5/QFN6.5) HH75CS / HH75TS (QFP7.5/QFN7.5) HH80CS / HH80TS (QFP8.0/QFN8.0) HH65C / HH65T (QFP(H)6.5/QFN(H)6.5) HH50C / HH50T, HH53C / HH53T (QFP(H)5.3) HH75C (QFP(H)7.5), HH85C / HH85T, HH57C / HH57T Freefall Lifeboat: HH59FC / HH59FF, HH76FC / HH76FF Rescue Boat: GJ4.5B / GJ4.5B1 High Speed Rescue Boat: GJ618A / GJ618B - RELEASE MECHANISM: HH76 / HH43 / HH30 / HH20

This Appendix shall be attached to the Service Supplier certificate LR22310702AS and no signature required as this issued electronically.

Petros Sagredos
 Surveyor to Hellenic Lloyd's S.A.

a member of the Lloyd's Register group.