Certificate No: LR25146761AS
Issue Date: 03/07/2025
Expiry Date: 02/07/2028

Lloyd's Register Approved Service Supplier

Supplier **HARMONY OCEAN INTERNATIONAL LIMITED**

Address No.1 Dacheng Fourth Road, Xingang Industrial Park, High tech Park, Zhoushan City, 316013, China

Contact Details E-mail: weisijie@harmonyocean.cn

Contact Number Tel: +86-580-2027995; M: +86-13586881913

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
1. Portable and non-portable fire extinguishers of all type. 2. Fixed CO2/Foam/Dry power/Water mist fire extinguishing systems. 3. Fire detection system

Hydraulic Tests Of Low And High Pressure Cylinders
Hydraulic test of low and high pressure cylinders, unless specific authorization is required by the manufacture

Service Of Immersion Suits, Thermal Protective Aids, And Chemical Protective Clothing
Service all types of immersion suits, thermal protective aids, chemical protective suits, unless specific authorization is required by the manufacturers

Servicing Of Inflatable Liferafts, Inflatable Lifejackets, Hydrostatic Release Units, Marine Evacuation Systems
The following inflatable liferafts and hydrostatic release units can be serviced:

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George Qiu

Zhoushan Team leader to Lloyd's Register Classification Society (China) Co., Ltd.
A member of the Lloyd's Register group

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Nanjing West Road, Shanghai, 200003, China

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Servicing Of Inflatable Liferafts, Inflatable Lifejackets, Hydrostatic Release Units, Marine Evacuation Systems
1. Jiangsu Haining Marine Equipment Co., Ltd. Model: HNF-A6/8/10/12/15/16/20/25; HNF-CR25; HNF-D15/20/25; HNF DSR12/15/16/20/25; HNF-HSC6/8/10/15/25; HNF-SR6/8/10/12/15/16/20/25 2. Ningbo Asia F.R.P Boat manufacturing Co., Ltd. Model: YZF-A-6/10/15/20/25; YZF-Y-6/10/12/15/16/20; YZF-D-16/20/25; YZF-DS-15/16/20/22/25/26; YZF-SR-10/15/20/25/30/35/50/65 3. Ningbo Haifeng Life-saving Equipment Manufacturing Co., Ltd. Model: CRVF-A; CRVF-D; CRVF-Z; CRVF-DZ; CRVF-K; CRVF-U; QJF-B; QJF-Y; YJ 4. Ningbo Neptune Lite-saving Equipment Co., Ltd. Sea-Air brand inflatable liferaft (Life Raft Capacity <25 persons Model: AOR; ATOB; ATOB-(II); ADLSR; SR; ASR; ASR-(II); YT; YJT; ADL; HSR-Y; HSR-YSR Sea-Air Brand Hydrostatic Release Unit Model: QJH-A; QJH-B 5. Shanghai Haian Lifesaving Equipment Co., Ltd. Model: HAF-A6/10/12/15/16/20/25/30; HAF-D15/16/20/25; HAF- ASR6/10/12/15/16/20/25/30/37/50/65; HAF-DSR15/16/20/25;

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Servicing Of Inflatable Liferafts, Inflatable Lifejackets, Hydrostatic Release Units, Marine Evacuation Systems
HAF-K20/25/30/35/50/65 6. Shanghai Youlong Rubber Products Co., Ltd. Model: KHA-6/8/10/12/15/16/20/25/30/35; KHA-6/8/10/12/15/16/20/25/30/35(II) KHZ- 6/10/15/16/20/25/30/35/50/65; KHD-12/15/16/20/25/30/35; KHZD-15/16/20/25/30/35/37; KHR-6/10/25/30/50/65; KHK-6/10/25/30/50/65; KHY-4/6/810/12; KHB-6/10/15/20/25/50 7. Shanghai Star Rubber Products Co., Ltd. Model: RAFT-A-10/12/15/16/20/25 (II); RAFT-D-12/16/20/25; SMLR-A-6/10/12/15/16/20/25; SMLR-D-12/16/20/25; STAR-A-6/10/15/16/20/25 STAR-D-12/16/20/25 STAR-SR-6/10/15/16/20/25 RAFT-SR-6/10/15/20/25; RAFT-DSR-16/20/25(II); RAFT-R-6/15/25; 8. Ningbo Zhenhua Life-Saving Equipment Co., Ltd. Model: ZHR series. 9. Shanghai Cunhong Marine Lifsaving Appliance Co., Ltd. Model: CHF-A/D/Z/K-6,8,10,12,15,16,20,25,30,50,65 10. Service all types of lifejackets and hydrostatic release unit unless specific authorization is required by the manufacturer.

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Lloyd's Register Approved Service Supplier

Servicing Of Inflatable Liferafts, Inflatable Lifejackets, Hydrostatic Release Units, Marine Evacuation Systems

Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
The Service supplier's personnel are certified in accordance with manufacturer's established certification programme with maker and type of equipment as follows: - NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD. Rescue boat : YZ4.5, YZ4.5S, YZ4.5SA, YZ45R, YZ45R1 Fast Rescue Boat : YZ60RA, YZ60RB, YZ60RA1, YZ60RB1 TotallyEnclosedLife/RescueBoat :YZ50C,YZ50F,YZ65C,YZ65F,Y265CS, YZ65FS,YZ75C,YZ75F, YZ50CS, YZ65CQ, YZ65CS1, YZ50FS, YZ65F1 Free Fall Lifeboat : YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF Gravity Luffing Arm Davit : YZL-55, L25, L50, L65, L65S, LE85-1 Electrical Lifeboat/liferafts Boat Launching appliances: DS25, DZ25, DS40, DS/Z40, YZD-42S, YZD-42Z, DS58,DZ58,D50S,D50Z, D63S,D63Z Single arm Rescue boat/liferafts Boat Launching Appliance ? Crane : ZF21/15 DZ14, ZF21 DZ14, ZF23/15 DZ14,ZF23DZ14,ZF33 DZ25,B21/14,B21/14-2.5 Handle Slewing Liferaft Davit : ZF25 DZ25 Free-fall Lifeboat Lauching Appliance : YZF55, YZF70 Rescue Boat Launching Appliance : YZ-A30, YZ-A30D RELEASE MECANISM : HK40, HK40B, YZHK40, YZHK40S, FHK40, PS-1, YZ-HB15. -WUXI HUAHAI MARINE EQUIPMENT FACTORY / Gravity Luffing Arm Davit : HML60,HML85 Freefall Lifeboat Launching Appliance : HMD55F,HMD70F Rescue boats/ liferafts launching appliances : 21KN manual, 21KN electrical, 25KN electrical, 21KN electrical hydraulic, 25KN electrical hydraulic, 32KN electrical hydraulic Electrical Boat Winch : : HMW21,HMW25,HMW50,HMW75,HMW100,HMW110,HMW140,HMW185. Rescue Boats Launching Appliances : HMD14A,HMD30A,HMD30A2

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
- WUXI WENJIAO G.F.R.P FACTORY CO., LTD / Totally enclosed life/rescue boat : WJB50F/WJB50C/WJ57F/WJ57C/WJ58F/WJ58C/WJ75F/WJ75C Free fall lifeboat : WJ59FF/WJ59FC/WJ67FF/WJ67FC Rescue boat : WJ40R/WJ45KR/WJ45D3/WJ45D/WJ55D/WJ60RA/WJ60RB/WJJZ45 Life boat open type : WJ45D/BJ55/BJ60/BJ65/BJ70/BJ75/BJ80/BJ85 Release Hook : WJHK40/WJ30HK/WJ67HK/WJ40. - WUXI MINGZI MACHINERY MANUFACTURING CO. LTD /Lifeboat hook release mechanism : WHK40, WHK65, HK40 Release hook for rescue boats : 15kN Automatic release hook for liferafts : 21-25kN Combined release hook for rescue boats and liferafts : 31-37k - SHEYANG VICTOR MARINE AUXILIARIES CO., LTD. / Electriclifeboat/rescueboat winch: WLT/DZA14,WLT/DSA25,WLT/DZA25,WLT/DS.Z36,WLT/DSA40, WLT/DZA40, WLT/DS.Z48, WLT/DS/ZA50, WLT/DS.Z55, WLT/DZA70(P), WLT/DS.Z70, WLT/DSZ90, WLT/DS/ZA100, WLT/DS/ZA110(P) Gravity Luffing Arm Type Davit : WLT/LA25, WLT/AS33, WLT/LA40, WLT/LZA50, WLT/LA50, WLTLA56, WLT/R60, WLT/LA60, WLT/LA70, WLT/LA90, WLT/LA100, WLT/AS110, WLT/LA120 ATypeDavit :WLT/LR36 Platform Type Davit : WLT/PL5, WLT/PL90, WLT/PL110 Freefall Launching Appliance : WLT/FH55, WLT/FH70 Manual crane : WLT/SQ21-2 Single arm boat/raft and provision davit : WLT/SA21/15 Hydraulic Gravity Luffing Arm Type Davit : WLT/SA25 Boat/raft davit and Luffing crane : WLT/SA21, WLT/ESC23-6M Multifunctional hydraulic telescopic slewing crane : WLT/YESC3T Hydraulic crane and boat/raft landing device : SWLTA21-3T-6M -ZHEJIANG HENGXIN SHIP EQUIPMENTS CO., LTD. Lifeboat Series : BCC, BCF, BCFC, BCFF Rescue Boat Series : GJ, FRH, RH Release Mechanism Series: HK Davit series : FH,SA, HDC,LFR, LR,HE, PD, SRH, LB, KN Winch Series : DZB, D, DW

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
-Zhejiang Wantong Heavy Industry Co., Ltd. Lifeboat Series: BJ, BCC, BCF, BCFC, BCFF Rescue Boat Series: GJ, FRH, RH Release Mechanism Series: HK Davit Series: FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN Winch Series: DZB, D, DW, IYJ, DZJ,, YSJ, DSJ 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 Self-Contained Breathing Apparatus
Service all types of SCBA/EEBD apparatus unless specific authorization is required by the manufacture

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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