

APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000FZ3
Revision No:
2

This is to certify that

Global Marine Safety (Singapore) Pte Ltd

Singapore, Singapore

is granted acceptance for

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear , in accordance with Class Programme DNV-CP-0484 and IACS UR Z17 Annex 1 [13].

This service supplier certificate will be accepted for use with all rule sets published by DNV.
See the following page(s) for details regarding application.

This Certificate is valid from **2022-11-05** to (inclusive) **2025-11-04**.

This Certificate is issued on **2022-11-28**.



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signatures

Ng, Ken Tong Ken
Surveyor

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Application:

The service supplier is authorized to perform maintenance and servicing work as shown in the following table.

No.	Maker	Product Type
1	Jiangyinshi Beihai LSA Co., Ltd	Boat: Series of SCJYB Hook: Series of JYBHK Davit: Series of SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD
2	Oriental Inspection & Service Co., Ltd (Oriental Precision & Engineering Co., Ltd)	Hinged Gravity Type Davit & Winch - 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
3	Wuxi Haihong Boat Making Co., Ltd	Totally Enclosed Lifeboat/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 Series: - HH59FC/HH59FF, HH76FC/HH76FF Rescue Boat Series: - GJ4.5B / GJ4.5B1 High Speed Rescue Boat Series: - GJ618A / GJ618B Release Gear Series: - HH76 / HH43 / HH30 / HH20
4	Jiangsu Jiaoyan Marine Equipment Co. Ltd	Free Fall 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 GJ7.50/GJ8.0Q-2/GJ8.5Q-2 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 Hook JX and JXN Series

		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/JYW35/JYRZ21
5	GEPA – Fiberglass Industry & Trade Co. Inc	Freefall Lifeboats G-FFF1 & G-FFF1-FP G-FFF2 & G-FFF2-FP G-FFF3 & G-FFF3-FP Totally Enclosed Lifeboats G-F6K & G-F6K-FP G-F4K & G-F4K-FP G-F3K & G-F3K-FP Partially Enclosed Lifeboats G-F6YK G-F4YK G-F3YK & G-F3YK-T Open Type Lifeboats G-F1 G-F2 G-F3 G-F4 G-F5 G-F6 Service & Utility Boats G-GSB1 G-GSB2 G-GSB3 G-GSB4 G-F1-UB G-F2-UB G-F3-UB G-F4-UB G-F5-UB G-F6-UB Rescue Boats & Hook Release Devices G-RB1 G-RB1-DE G-RB3 G-FRB1-O G-FRB2-O G-K1 G-K2

6	Ningbo Asia F.R.P Boat Manufacturing Co., Ltd	<p>Rescue Boat YZ4.5, YZ4.5S, YZ4.5SA, YZ60RB, BJ-4.5</p> <p>Totally Enclosed Lifeboat/Rescue Boat YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS, YZ65FS, YZ75C, YZ75F</p> <p>Free Fall Lifeboat YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ 675FC, YZ675FF</p> <p>Gravity Luffing Arm Davit L25, L50, YZL-55, L65, L65S, LE85-1</p> <p>Electrical Lifeboat/Rescue Boat Winch DS25, DZ25, DS40, DS/Z40, YZD-42S, YZD-42Z, DS58, DZ58, D50S, D50Z, D63S, D63Z</p> <p>Single-Arm Rescue Boat/Liferafts Boat Launching Appliance & Crane ZF21/15 DZ14, ZF21 DZ14, ZF23/15 DZ14, ZF23 DZ14, ZF33 DZ25, B21/14, B21/14-2.5</p> <p>Free-Fall Lifeboat Launching Appliance YZF55, YZF70</p>
7	Wuxi Xingsheng	<p>Release Hooks (15KN Rescue Boat Release Hook, 25KN Liferaft Automatic Release Hook and 35 KN Automatic Release Hook for Davit Launched Liferaft and Rescue Boat)</p>
8	Zhejiang Norsier Lifesaving Equipment Technology Co., Ltd	<p>Lifeboats/Rescue Boats NYF & NYC Series NYPF & NYPC Series NYZ Series</p> <p>Davits NLB Series NSA Series NHCD Series SRH Series NFH Series</p> <p>Winches N Series</p> <p>Release Mechanism NHK Series</p>

9	Vadyar Boats Pvt Ltd	<p>Lifeboats 9.2 mtr 70 persons Capacity Totally Enclosed Fire Protected Lifeboat. (VB244) 8.5 mtr 60 persons Capacity Totally Enclosed Lifeboat.(VB300) 8.5 mtr 60 persons Capacity Partially Enclosed Lifeboat. (VB253) 7.5 mtr 50 persons Capacity Partially Enclosed Lifeboat. (VB311)</p> <p>Rescue Boat 4.7 mtr 9 persons Fast Rescue Boat. (VB296) 4.5 mtr 6 persons Rescue Boat. (VB286)</p> <p>Launching Appliance 10 Ton Davit and Winches. (VB317) 1 Ton Single Arm Davit and Winches. (VB282)</p> <p>On-Load Release Gears Lifeboat On-load Release Gear. (SWL 6 T) (VB-61-9.2M-ENC-11C) Rescue Boat On-load Release Mechanism. (SWL 1.3 T) (VB-148-4.5M-RES1)</p>
10	Zhenjiang Matchau Marine Equipment Co., Ltd	<p>Totally Enclosed Life/Rescue Boat WJB50F WJB50C WJ57F WJ57C WJ58F WJ58C WJ75F WJ75C</p> <p>Free Fall Life Boat WJ59FF WJ59FC WJ67FF WJ67FC</p> <p>Rescue Boat WJ40R WJ45KR WJ45D3 WJ45D WJ55D WJ60RA WJ60RB</p> <p>Open Type Lifeboats WJ45D BJ55 BJ60 BJ65 BJ70 BJ75 BJ80 BJ85</p> <p>Release Gear WJHK40 (SWL 40KN) WJ30HK (SWL 30 KN) WJ63HKC (SWL 63 KN)</p> <p>Gravity Luffing Arm Type Davit HML60</p>

		<p>HML85</p> <p>Free-Fall Lifeboat Launching Appliance HMD55F HMD70F</p> <p>Rescue Boat / Life Raft Launching Appliance 21KN Manual 21KN Electrical 25KN Electrical 21KN Electrical Hydraulic 25KN Electrical Hydraulic 32KN Electrical Hydraulic</p> <p>Electrical Boat Winch HMW21 HMW25 HMW50 HMW75 HMW100 HMW109 HMW140 HMW185</p> <p>Rescue Boat Launching Appliance HMD14A HMD30A HMD30A2</p>
11	Zhejiang Hengxin Ship Equipment Co., Ltd	<p>Lifeboat Series BCC BCF BCFC BCFF</p> <p>Rescue Boat Series GJ FRH RH</p> <p>Davit Series FH SA HDC LFR LR HE PD SRH LB KN</p> <p>Release Mechanism Series HK</p> <p>Winch Series DZB D DW</p>

Remarks:

Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.16.



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Periodical audit

The Society may, at its own discretion, require periodical audits in the validity period of the certificate.

Renewal

Renewal of the certificate shall be made at intervals not exceeding three (3) years by verification through audits that approval conditions are maintained.