NIPPON KAIJI KYOKAI

# *CERTIFICATE OF APPROVAL FOR FIRMS ENGAGED IN MAINTENANCE, THOROUGH EXAMINATION, OPERATIONAL TESTING, OVERHAUL AND REPAIR OF LIFEBOATS, RESCUE BOATS, FAST RESCUE BOATS, LAUNCHING APPLIANCES AND RELEASE GEAR*

*Certificate No. :* **22TZ377**
*Approval No. :* **12LA042**

THIS IS TO CERTIFY that

**GREEN OCEAN TECHNOLOGY AND SERVICE COMPANY (GOTCO)**
**183C/5P Ton That Thuyet Street, District 4, Ho Chi Minh City, Viet Nam**

is approved as a firm engaged in the servicing and maintenance of lifeboats, launching appliances, on-load release gear and automatic release hooks under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.
This certificate is valid until **9 August 2027** subject to periodical assessment.

Issued at Tokyo on 12 September 2022.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)
General Manager of Survey Department

ClassNK

*This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.*

*Due Range of Periodical Assessment:* *between 10 August 2024 and 9 August 2025*

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| *Periodical Assessment* | *Date* | _____ |
| | *Signature* | _____ |
| | | Surveyor to NIPPON KAIJI KYOKAI |
| *Occasional Assessment* | *Date* | _____ |
| | *Signature* | _____ |
| | | Surveyor to NIPPON KAIJI KYOKAI |

Conditions for Approval:

1. This Certificate is valid subject to validity of certificate for personnel issued for each make and type of the equipment listed in the attachment.
2. This service supplier has been approved to service the equipment listed in the attachment in accordance with MSC. 402(96).
3. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
4. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.

# NIPPON KAIJI KYOKAI

Attachment to
Certificate Number 22TZ377

| Make | Type |
|---|---|
| Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd. | **Totally enclosed lifeboat** (BH-5,5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8)<br>**Freefall lifeboat** (BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900A)<br>**Rescue boat** (BH-R4, R4S, R4SA, R5S)<br>**Gravity pivot davit** (BD-PV50, PV60, PV60S, PV85, PV125)<br>**Freefall launching davit** (BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67, FF85)<br>**Single arm davit** (BD-SA14,14A,14B, SA21,21A, SA23, SA30, 30A, SA33, SH23)<br>**Winch** (BW-H(L/R)31, 50, 63, 75; L(L/R)75, 125; SC14;21, YSB20-120)<br>**Gravity lifeboat release mechanism** (BG-3, 3L, BG-7; BH-HOOK3, HOOK5, FS5, FS7)<br>**Freefall lifeboat release mechanism** (BG-3.5F, 4F, 4.5F, 4.5FL, 5F, 6F)<br>**Rescue boat release mechanism** (BG-2R, 15KNXS, 25KNXS, 35KNXS) |
| Jiangyin Wolong F.R.P Boat Co., Ltd. | **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)<br>**Free fall lifeboat** (JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF)<br>**Rescue boat** (JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR, JY65KR, JY75KR, JY85KR)<br>**Partially enclosed lifeboat** (JY70P, JY80P, JY85P)<br>**Open type lifeboat** (JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K)<br>**Gravity luffing arm type davit** (JY-LE65, JY-LE85, JY-LE100, JY-LE150)<br>**Launching appliance of free-fall lifeboat** (JY-FH55, JY-FH70, JY-FH90, JY-FH155)<br>**Platform davit** (JY-PL70, JY-PL110, JY-PL150, JY-PL185, JY-PL215)<br>**Single arm boat / Raft davit** (JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SR33S, JY-SAF33, JY-HSR23/16, JY-HSR33/23, |

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| | JY-FCR2066, JY-FCR2305)<br>**Rescue boat davit** (JY-PLR21, JY-LFR27, JY-LRHE30, JY-LRHE70, JY-LFR35, JY-SAP14, JY-SAP30)<br>**Gravity overhead rolling type davit** (JY-HE70, JY-HE95, JY-HE120, JY-HE155)<br>**Telescopic boom type davit** (JY-TBD 120, JY-TBD 215, JY-TBD35)<br>**Hydraulic luffing arm type davit** (JY-GYE70, JY-GYE120, JY-GYE185)<br>**Connecting rod type davit** (JY-GL70, JY-GL95, JY-GL120, JY-GL185)<br>**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) |
| Ningbo Asia F.R.P Boat Manufaturing Co., Ltd. | **Rescue boat** (YZ4.5, YZ4.5S, YZ4.5SA, YZ60RB, YZ60RA)<br>**Totally enclosed lifeboat / rescue boat** (YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS, YZ65FS, YZ75C, YZ75F)<br>**Free fall lifeboat** (YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF)<br>**Gravity luffing arm davit** (L25, L50, YZL-55, L65, L65S, LE85-1)<br>**Electrical lifeboat / rescue boat winch** (DS25, DZ25, DS40, DS/Z40, YZD-42S, YZD-42Z, DS58, DZ58, D50S, D50Z, D63S, D63Z)<br>**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)<br>**Rescue boat launching appliance** (YZ-A30)<br>**Free fall lifeboats launching appliance** (YZF55, YZF70) |
| Ningbo New Marine Lifesaving Equipment Co., Ltd. | **Rescue boat & Fast rescue boat** (NM43R, NM45R, NM45RB, NM60R)<br>**Totally enclosed life / Rescue boat** (NML50C, NM50C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F)<br>**Free fall lifeboat** (NM59FC/FF, NM67FC/FF)<br>**Single arm rescue boat** (Rafts) Davit (Crane) (NMSD14KN, NMSD23KN, NMSD25KN, NMC25)<br>**Rescue boat launching appliance** (NMAR30, NMAR60, NM30)<br>**Gravity luffing arm davit** (NMD25KN, NMD40KN, NMD45KN, NMD55KN, NMD60KN, NMD65KN, NMD85KN, NMD120KN)<br>**Launching appliance of free fall lifeboat** (NMF55KN, NMF70KN) **Platform davit** (PD50, PD85, PD120) |

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| | **Hydraulic gravity luffing davit** (HLA85, HLA120)<br>**Electric lifeboat / Rescue boat winch** (NMW42L/R, NMW50L/R, D63S/Z, D80S/Z) |
| JIANGYINSHI BEIHAI LSA CO., LTD. | **Boat** (Series of SC, JYB)<br>**Hook** (Series of JYBHK)<br>**Davit** (Series of SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD) |
| Zhejiang Hengxin Ship Equipment Co., Ltd. | **Lifeboat series** (BCC, BCF, BCFC, BCFF)<br>**Rescue boat series** (GJ, FRH, RH)<br>**Release mechanism series** (HK)<br>**Davit series** (FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN) |
| Jiangsu Jiaoyan Marine Equipment Co., Ltd. (Jiangyin Xinjiang F.R.P. 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, JY-FN, FF-9.5)<br>**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)<br>**Totally enclosed lifeboat** (JY-QFP/N-5.0, JY-QFP/N-5.25, JY-QFP/N-5.6, 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)<br>**Hook** (JX and JXN Series)<br>**Gravity luffing arm type davit** (JYL52, JYL55, JYL65, JYL85, JYL105, JYL135)<br>**Launching appliance** (JYF55, JYF75, JYF75-A, JYF75-B, JYF90)<br>**Platform davit** (JYP65, JYP85, JYP105, JYP135)<br>**Single arm davit** (JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30)<br>**Electric boat winch** (FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21) |
| BINH AN COLLECTIVE ENTERPRISE | **Rescue boat** (BA-XCC06)<br>**Rescue boat launching appliance** (BA-CXCC06)<br>**Totally enclosed lifeboat - Rescue Boat** (BA-XCS28)<br>**Lifeboat launching appliance** (CX-BA28A)<br>**Lifeboat - Rescue boat launching appliance** (CX-BA28B) |

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