NIPPON KAIJI KYOKAI

(Rewritten)

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. : **26TZ332**
Approval No. : **12LA036**

THIS IS TO CERTIFY that

Qingdao E-TECH Marine Equipment Service Co., Ltd.

No. 102, Building 25, No.51 Qinglonghe Road, Qingdao Area, China(Shandong) Pilot Free Trade Zone, P.R. China

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 **23 June 2027** subject to periodical assessment.

Issued at Tokyo on 12 August 2026.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

K. Nagata

(K. Nagata)
General Manager of Survey Department

ClassNK

This certificate was rewritten because the licenses issued by makers and the firm's address have been changed.

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.

The Periodical Assessment was completed on 25 June 2024.

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.

Attachment to
Certificate Number 26TZ332

Make	Type
Ningbo Asia F.R.P Boat Manufaturing Co., Ltd.	**Rescue Boat** - YZ4.5, YZ4.5S, YZ4.5SA, YZ45R, YZ45R1 **Fast Rescue Boat** - YZ60RA, YZ60RB, YZ60RA1, YZ60RB1 **Totally Enclosed Lifeboat/Rescue Boat** - YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS, YZ65FS, YZ75C, YZ75F, YZ50CS, YZ65C1, YZ65ZS1, YZ50FS, YZ65F1 **Free Fall Lifeboat** - YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF **Gravity Luffing Arm Davit** - L25, L50, YZL-55, L65, L65S, LE85-1 **Electrical Lifeboat/Rescue Boat Winch** - 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, ZF23 DZ14, ZF33 DZ25, B21/14, B21/14-2.5 **Handle Slewing Liferaft Davit** - ZF25 DZ25 **Free Fall Lifeboats Launching Appliance** - YZF55, YZF70 **Rescue Boat Launching Appliance** - YZ-A30, YZ-A30D **Rescue Boat Winch** - YR30 **Release Mechanism** - HK40, HK40B, YZHK40, YZHK40S, FHK40, 43GS-2, PS-1, PS-2, YZ-HB15
Wuxi Hai Hong Boat Making Co., Ltd.	**Totally Enclosed Life/Rescue Boat** - 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/HH85TS, HH57C/HH57T **Freefall Lifeboat** - HH59FC/HH59FF, HH76FC/HH76FF **Rescue Boat** - GJ4.5B/GJ4.5B1

	High Speed Rescue Boat - GJ618A/GJ618B **Release Gear** - HH76/HH43/HH30/HH20
Wuxi Wenjiao G. F. R. P. Factory	**Totally Enclosed Life/Rescue Boat** - WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C, WJ85F, WJ85C **Free Fall Lifeboat** - WJ59FF, WJ59FC, WJ67FF, WJ67FC **Rescue Boat** - WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB, WJJZ45, WJJZ55 **Life Boat** - WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85 **Release Hook** - WJHK40, WJ30HK, WJHK55, WJ-HK65, WJ63HKC, WJ67HK, WJ67FF, WJ40
Wuxi Xingsheng Gear Case Factory	**Handle Release Hook** - 15kN **Automatic Release Hook** - 21KN/23KN/25KN **Lifeboat/Life Raft Dual Purpose Release Hook** - 35kN
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
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 **Free Fall Lifeboat** - JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF **Rescue Boat** - JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR, JY65KR, JY75KR, JY85KR **Partially Enclosed Lifeboat** - JY70P, JY80P, JY85P **Open Type Lifeboat** - JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K **Gravity Luffing Arm Type Davit** - JY-LE65, JY-LE85, 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-PL150, JY-PL185, JY-PL215 **Single Arm Boat/Raft Davit** - JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SR33S, JY-SAF33, JY-HSR23/16, 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 Rod Type Davit** - JY-GL70, JY-GL95, JY-GL120, JY-GL185 **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 **Release Mechanism of Lifeboat/Rescue Boat** - HK40, HK40A, HK50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. 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-9.5, JY-FF-9.5 **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, 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 **Hook** - JX and JXN Series **Gravity Luffing Arm Type Davit** - JYL52, JYL55, JYL65, JYL68, JYL85, JYL105, JYL135 **Launching Appliance** - JYF55, JYF75, JYF75-A, JYF75-B, JYF90

	Platform Davit - JYP65, JYP85, JYP105, JYP135 **Single Arm Davit** - JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30, JYR23 **Electric Boat Winch** - FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21
Wuxi Dongwu Marine Equipment Co., Ltd	**Gravity Luffing Arm Davit** - 18kN, 25kN, 40kN, 50kN, 60kN, 60kN(60L), 85kN, 110kN, T2.5, Sk50 **Gravity Sliding Track Davit** - 25kn, 30kN **Free-fall Lifeboat Launching Appliance** - F55, F70, NPT100F **Rescue Boats/liferafts Launching Appliances** - 21kN(manual), 21kN(Electrical), 21kN(Electrical/hydraulic), 25kN(Electrical/hydraulic), 35kN(Electrical/hydraulic) **Electrical Boat Winch** - DZY/Z21, DS*ZY25, DZ*ZY25, DS*ZY40, DZ*ZY40, D50S/Z, DS*ZY63, DZ*ZY63, D63S/Z, 80kN **Rescue Boats Launching Appliances** - A30, H35
Wuxi Haidelong Marine Equipment Co., Ltd.	**Launching Appliance for Free-fall Lifeboat** - HDL70FA **Winch for Survival Craft and Rescue Boats** - HDL70FA (Winch) **Launching Appliances for Free-fall Lifeboats** - HDLZ0720 **Winches for Survival Craft and Rescue Boats: (b) Free-fall Lifeboats** - HDLZ0720 (Winch) **Launching Appliances Using Falls (Davit) / Liferaft Launching Appliances (Davit)** - HDL415 (Davit) **Winches for Survival Craft and Rescue Boats (Winch)** - HDL415 (Winch) **Launching Appliances Using Falls (Davits)/Liferaft Launching Appliacnes (Davit)** - SA23 (Davit) **Winches for Survival Craft and Rescue Boats Liferafts & Rescue Boats** - SA23 (Winch) **Launching Appliances for Rescue Boat & Liferaft** - HDLD21 MED/1.24 **Winches for Survival Craft and Rescue Boats Life Rafts / Winches for Survival Craft and Rescue Boats Rescue Boats**

	- HDLW21
Wuxi Huahai Marine Equipment Factory	**Gravity Luffing Arm Davit** - HML60, HML85 **Free-fall 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
Wuxi Mingzi Machinery Manufacturing Co., Ltd	**Lifeboat Hook Release Mechanism** - HK40, WHK40, WHK65 **Davit-launched Rescue Boat Manual Release Hook** - 15KN(150-T) **Davit-launched Life Raft Manual Release Hook** - 21-25KN(250-T) **Life Raft/Rescue Boat Manual/Automatically Release Hook** - 31-37KN(370-T)
Sangsangin Industry Co., ltd. (ex. Dongnam Marine Crane Co., ltd. and Dongnam Enterprise)	**Davit/Launching Appliances** - Hinged Gravity Type: DHG57-FM, HGW-40-FM, DHG-70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-61DM, DHGD-11-E2E7 - Single Arm Type: DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ - Freefall Type: FF, HDF - DSAM11-E2M0

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