

(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. : **24TZ429**

Approval No. : **16LA048**

THIS IS TO CERTIFY that

Navitec NV.

Emdenweg 11 Haven 211 2030 Antwerpen BELGIUM

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 **16 December 2026** subject to periodical assessment.

Issued at Tokyo on 25 November 2024.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI



(M. Inoue)

General Manager of Survey Department

This certificate was rewritten because the firm name has 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 6 September 2024.

<i>Periodical Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____ Surveyor to NIPPON KAIJI KYOKAI
<i>Occasional Assessment</i>	<i>Date</i>	_____
	<i>Signature</i>	_____ 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 24TZ429

Make	Type
HLB (ex, Hyundai Lifeboats) Co., Ltd.	<p><u>Lifeboat & Rescue Boat</u> - Series of HD, HT, HDL, HLB, HDF, HDFL, HDFN, HDR, HDFR</p> <p><u>Release Mechanism</u> - Series of THP, Talon, Talon II</p>
BADA Heavy Industries (ex, D.R.M) Co., Ltd.	<p><u>Davit</u> - Series of DRM, BDH, BDTD, BDHP, BDTW, BDRW, BDM, BFOD, FF, HDFL, HDF, BDF, BDR, BDH, BDA, BDFA, BDL, BDR, BLR, BHI</p> <p><u>Winch</u> - Series of DRM, DRBW, BAW, BDF, BHI, BLR, BLW, BMW, BRW, BWL, BWR, FHW</p> <p><u>Release Mechanism</u> - Series of BDR, BHA, BHR</p>
Oriental Precision & Engineering Co., Ltd.	<p><u>Hinged Gravity Type Davit & Winch</u> - Davit: HGD series, HGK series, SHS series, RTD series, DHA series, DMA series - Winch: BWE series, SWE series, WL series</p> <p><u>Free Fall Davit & Winch</u> - FD series, WL series</p> <p><u>Rescue/Liferaft Davit & Winch</u> - RD series, RDW series</p>
Qingdao Beihai Boatbuilding Co., Ltd. (Ex. Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd)	<p><u>Totally Enclosed Lifeboat</u> - BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8</p> <p><u>Freefall Lifeboat</u> - BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900/A</p> <p><u>Rescue Boat</u> - BH-R4, R4S, R4SA, R5S</p> <p><u>Gravity Pivot Davit</u> - BD-PV50, PV60, PV60S, PV85, PV125</p> <p><u>Freefall Launching Davit</u> - BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67, FF85</p> <p><u>Single Arm Davit</u> - BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23</p> <p><u>Winch</u> - BW-H(L/R)31S, 50, 63, 75, L(L/R)75, 125, SC14, 21, 30, YSB series hydraulic winch, YSB20-120</p> <p><u>Gravity Lifeboat Release Mechanism</u> - BG-3, 3L, BG-7, BH-HOOK3, HOOK5, FS5, FS7</p> <p><u>Freefall Lifeboat Release Mechanism</u> - BG-3F, 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F</p>

	<p><u>Rescue Boat Release Mechanism</u></p> <ul style="list-style-type: none"> - BG-2R, 15KNXS, 25KNXS, 35KNXS, WUXI XINGSHENG 15, 21, 23, 25, 35KN HOOK
Wuxi Hai Hong Boat Making Co., Ltd.	<p><u>Totally Enclosed Life/Rescue Boat</u></p> <ul style="list-style-type: none"> - HH50C/HH50T, HH53C/HH53T, HH57C/HH57T, HH65C/HH65T, HH65CS/HH65TS, HH70C/HH70T, HH75CS/HH75TS, HH75C HH80CS/HH80TS, HH85C/HH85TS <p><u>Freefall Lifeboat</u></p> <ul style="list-style-type: none"> - HH59FC/HH59FF, HH76FC/HH76FF <p><u>Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ4.5B/GJ4.5B1 <p><u>High Speed Rescue Boat</u></p> <ul style="list-style-type: none"> - GJ618A/GJ618B <p><u>Open Type Lifeboat</u></p> <ul style="list-style-type: none"> - BJ-7.0 <p><u>Release Gear</u></p> <ul style="list-style-type: none"> - HH76/HH43/HH30/HH20
Sangsangin Industry Co., Ltd. (ex. Dongnam Marine Crane Co., Ltd. and Dongnam Enterprise)	<p><u>Davit/Launching Appliances</u></p> <ul style="list-style-type: none"> - Hinged Gravity type (DHG-57-FM, HGW-40-FM, DHG-70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-51-DM, DHGD-11-E2E7) - Single Arm type (DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ) - Freefall type Davit (FF, HDF) - DSAM11-E2M0

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