

APPROVAL OF SERVICE SUPPLIERS

Certificate no.:
AOSS0000BJW
Revision no.:
4

This is to certify that

DAELIM MARINE CO., LTD.

Ulsan, Korea, Republic of

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 **2025-07-13** to (inclusive) **2028-07-12**.

This Certificate is issued on **2025-07-21**.



for **DNV**

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

Park, Jung Min

This Certificate may be withdrawn if: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 USD 300 000.

Application:

This Service Supplier is approved for maintenance, thorough examination, operational testing, overhaul and repair of the following equipments:

<u>Makes</u>	<u>Model (Type)</u>
[Lifeboats]	
Wuxi Hai Hong Boat Making Co., LTD	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, HH59FC/HH59FF, HH76FC/HH76FF
Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., LTD	BH- 5, 5A, 5S, 5SA, E500, E585, 6, 6A, E670, 7A, 7B, 8, BH- F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900/A
CSSC Zhenjiang Marine Auxiliary Machinery Co., LTD	YH5.0QFP, YH5.0QFN, YH6.5QFP, YH6.5QFN, YH8.5QFP, YH8.5QFN, YH8.5QFP-A, YH8.5QFN-A, YH10.3QFP, YH10.3QFN, YH9.5QFP, YH9.5QFN, YH12.0QFP, YH12.0QFN, YH9.9BFP, YH12.5BFP, ZZHG-BF-12.5 // YH5.9FP, YH5.9FN, YH6.7FP, YH6.7FN, YH7.5FP, YH7.5FN, YH8.5FP, YH8.5FN
Ningbo New Marine Lifesaving Equipment Co., Ltd.	NML50C, NM50C/F, NM57C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F, NM117C/F; NM59FC/FF, NM67FC/FF
Jiangsu Jiaoyan Marine Equipment Co., Ltd.	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; 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;
[Rescue Boats]	
Wuxi Hai Hong Boat Making Co., LTD	GJ4.5B, GJ4.5B1, GJ618A / GJ618B
Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., LTD	BH- R4, R4S, R4SA, R5S
CSSC Zhenjiang Marine Auxiliary Machinery Co., LTD	YH-6.0FRA, YH-6.0FRB, YH-6.5FRA, YH-6.5FRB, YH-4.5R, YH4.5DR, YH7.5.
Ningbo New Marine Lifesaving Equipment Co., Ltd.	NM43R, NM45R, NM45RB, NM60R
Jiangsu Jiaoyan Marine Equipment Co., Ltd.	GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2
[Launching Appliances]	
Oriental	Series of HGD, HGK, SHS, RTD, DHA, DMA, FD, RD
Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., LTD	BD- PV50, PV60, PV60S, PV85, PV125; BD- FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67/85; BD- SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23
CSSC Zhenjiang Marine Auxiliary Machinery Co., LTD	LE55-1, LE65-1, LE85-1, LE100-1, LE138-1, LE170-1, HE65, HE100, HE138, H170, RE50, RE60, RE80, RE100, SRH65, SRH85, SRH100, SRH120, SRH150, SRH170, SRH200, SRH230, GL65, GL85, GL110, GL138, GL165, TG65, TG85, TG110, TG150, TG170, TG200, TG230, HT80, HT100, HT150, HT210, LC400 // FH55, FH70, FH75, FH 85, FH 100 // SAF14, SAF21, SAF25, SA21, SA32, HDCL2-6.5, HDCL3-6, HDCL3-10, LA25, LA35, DH30 // PL65, PL85, PL100, PL120, PL138,

	PL150, PL180, PL200, PL230 // LFR30, LFR35, LFR55, LFRH30, LEFR50, LFRH60, DH30, SAWH30, SAWH45, SAWH60
Ningbo New Marine Lifesaving Equipment Co., Ltd.	NMSD14KN, NM(S)D23KN, NM(S)D25KN, NMC25, NMC30, NMSD33KN; NMAR30(-1), NMAR60, NM30; NMD25KN, NMD40KN, NMD45KN, NMD55KN, NMD60KN, NMD65KN, NMD85KN, NMD120KN; NMF55KN, NMF70KN; PD50, PD70, PD85, PD120; HLA85, HLA120, HLA210; HTA70, HTA120;
Jiangsu Jiaoyan Marine Equipment Co., Ltd.	JYL52, JYL55, JYL65, JYL68, JYL85, JYL105, JYL135; JYF55, JYF75, JYF75-A, JYF75-B, JYF90; JYP65, JYP85, JYP105, JYP135; JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21, JYR26, JYR30, JYR23
[Winches]	
Oriental	Series of BWE, SWE, WL, RDW.
Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., LTD	BW- H(L/R)31, 50, 63,75; L(L/R)75,125; SC14; 21; 30
Ningbo New Marine Lifesaving Equipment Co., Ltd.	NMW42L/R, NMW50L/R, D63S/Z, D80S/Z
Jiangsu Jiaoyan Marine Equipment Co., Ltd.	FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21
[Release Gears]	
Boatbuilding Branch Qingdao Beihai Shipbuilding Heavy Industry Co., LTD	BG- 3.3L, BG-7; BH- HOOK3, HOOK5, F5, FS5, FS7; BG- 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F; BG- 2R; WUXI XINGSHENG 15, 23, 25, 35KN HOOK
CSSC Zhenjiang Marine Auxiliary Machinery Co., LTD	HK25, HK25B, HK40, HK40C, HK65, SH70, SH85
Wuxi Hai Hong	HH76, HH43, HH30, HH20
Jiangsu Jiaoyan Marine Equipment Co., Ltd.	JX and JXN Series

Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.14.

Remarks:

- In case where any alteration to the certified service operation system of the service supplier is made, then such alteration is to be reported to DNV. And, a re-audit may be required when deemed necessary by DNV.
- The periodical audits may be carried out by DNV in the validity period of the certificate.