

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU141923PU

This is to certify that

DAELIM MARINE CO., LTD.

40, Jangsaengpogorae-ro 125beon-gil, Nam-gu,
44780 Ulsan REPUBLIC OF KOREA

*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

- E - Servicing inflatable liferafts, inflatable lifejackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems**
- N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear**
- D - Inspection and maintenance of fire extinguishing equipment and systems**
- H - Inspection and maintenance of self-contained breathing apparatus**

Date of the audit: 13 Oct 2023

Issued in **BUSAN**

on 30 Oct 2023

This Certificate is valid from the date of the audit until

26 Oct 2026

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Gi Hwan JEON

RINA Services S.p.A.



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**ATTACHMENT TO
CERTIFICATE NO. SSU141923PU**

VALIDITY CONDITIONS

For Category E the approval is granted for the following equipment and manufacturers:

1. Life/Rescue Boat

- a)DSB ENGINEERING CO., LTD.: Life/Rescue Boat-Gravity DSB 50F/C, 58F/C, 60F/C, 75F/C, 85F/C, 95F/C, 150F/C, FreefallDSB 49FF/FC, 59FF/FC, 75FF/FC, RescueDSB 40R, 60RA/RB
- b)JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD.: Freefall JY-FN/FF-4.9, JY-FN/FF-5.8, JYM-FN/FF-6.65, JYM-FN/FF-6.8, JYM-FN/FF-7.5, JYM-FN/FF-8.5, JYM-FN/FF-9.5, Rescue 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 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-7.5A, JY-QFP/N-8.0, JY-QFP/N-8.5, JY-QFP/N-8.5X, JY-QFP/N-9.35, JY-QFP/N-10.9A
- c)Ningbo New Marine Lifesaving Equipment Co., Ltd.: Freefall NM59FC/FF, NM67FC/FF, Rescue NM43R, NM45R, NM45RB, NM60R, Totally enclosed NML50C, NML50C/F, NM58F/C, NM65C/F, NM75C/F, NM85C/F, NM117C/F
- d)BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD.: Totally enclosed BH-5,5A,5S,5SA,E500,E585,6,6A,E670,7A,7B,8.,Freefall BH-6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F750,F900/A, RescueBH-R4,R4S,R4SA,R5S
- e)WUXI HAI HONG BOAT MARKING CO., LTD.: Totally enclosed 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 HH59FC/HH59FF, HH76FC/HH76FF, Rescue GJ4.5B/GJ4.5B1, GJ618A/GJ618B
- f)CSSC Zhenjing Marine Auxiliary Machinery Co., LTD.: Totally enclosed "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", Freefall YH5.9FP/YH5.9FN/YH6.7FP/YH6.7FN/YH7.5FP/YH7.5FN/YH8.5FP/YH8.5FN Fast Rescue YH-6.0FRA/YH-6.0FRB/YH-6.5FRA/YH-6.5FRB, Rescue YH-4.5R/YH4.5DR/YH7.5

2. Inflatable Liferaft

- a)SEA-AIR: ADL-12/15/16/20/15, ADLSR-12/16/20/25/32/37/39,AOR-6/10/25/30/50/65/100/152,ATOB-6/8/10/12/15/16/20/25/30/35,ASR-6/8/10/12/15/16/20/25/30/37/50/66/100, YSR-4/6/8/10/12, YT-4/6/8/10/12, YJT-4/6/8
- b)CSM:RAFT-A-6(II)/10(II)/15(II)/16(II)/20(II)/25(II),RAFT-D-12/16/20/25,SMLR-A-6/8/10/12/15/16/20/25/32,SMLR-A-4/6/8/10/12/16/20/25(I),SMLR-D-12/16/20/25/32,RAFT-SR-6/10/15/20/25/50/55/65,RAFT-DSR-16/20/25/32/37,RAFT-R-6/15/25/30/50/65/66/66*2
- c)Jiansu Haining Marine Equipment Co., Ltd.:HNF-A6/8/10/12/15/16/20/25/30,HNF-CR25/30/35/40/45/50/65,HNF-D15/20/25,HNF-DSR12/15/16/20/25/37,HNF-FJ50/55,HNF-HSC6/8/10/15/25/50/65 HNF-SR6/8/10/12/15/16/20/25/30/35/37/50/65
- d)SG SAFETY CORPORATION: SG Liferrafts



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This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

1. DSB ENGINEERING CO., LTD.: Davit: Gravity DSB 60DL, 85DL, 138DL, 205DL, Hyd' DSB 150DYL, Frefall DSB 70DF, 85DF, Rescue DSB 23DR, 30ARH, 18/27DR
 2. JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD.
 - a) Hook: JX/JXN Series
 - b) Davit: Gravity JYL52, JYL55, JYL65, JYL85, JYL105, JYL135, Platform JYP65, JYP85, JYP105, JYP135, Single Arm JYR21, JYR21S-A, JYRC21, JYRH14, JYRH21, JYR26, JYR30, JYR23
 - c) Winch: FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21
 - d) Launching appliance: JYF55, JYF75, JYF75-B, JYF90
 3. Ningbo New Marine Lifesaving Equipment Co., Ltd.
 - a) Davit: Single Arm NMSD14KN, NMSD23KN, NMSD25KN, NMC25/30, NMSD33KN, Gravity NMD25KN, NMD40KN, NMD45KN, NMD55KN, NMD60KN, NMD65KN, NMD85KN, NMD120KN, Platform PD50, PD70, PD85, PD120, Hyd' HLA85, HLA120, HLA210, HYD' TELE. HTA70, HTA120
 - b) Winch: NMW42L/R, NMW50L/R, D63S/Z, D80S/Z
 - c) Launching appliance: NMF55KN, NMF70KN, NMAR30, NMAR60, NM30
 4. BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD.
 - a) Davit: Gravity BD-PV50, PV60, PV60S, PV85, PV125, Frefall BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67/85, Single arm BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23
 - b) Winch: BW-H(L/R)31, 50, 63, 75; L(L/R)75, 125; SC14; 21; 30
 - c) Release Mech.: Gravity BG-3.3L, BG-7; BH-HOOK3, HOOK5, F5, FS5, FS7, Frefall BG-3.5F, 4F, 4.5F, 4.5FL, 5F, 6F, Rescue BG-2R; WUXI XINGSHENG 15, 23, 25, 35KN HOOK
 5. WUXI HAI HONG BOAT MARKING CO., LTD.: Release Gear HH76/HH43/HH30/HH20
 6. CSSC Zhenjing Marine Auxiliary Machinery Co., LTD.: Hook HK25/HK25B/HK40/HK40C/HK65/SH70/SH85
 7. Oriental Inspection & Service Co., Ltd.: Davit/Winch-Hinged gravity "Davit: HGD/HGK/SHS/RTD/DHA/DMA Series, Winch: BWE/SWE/WL Series", Freefall FD/WL Series, Rescue/Liferaft RD/RDW Series
 8. IKNOW MACHINERY CO., LTD.: Davit H, T, TC series / Winch EB, TC, OAP
 9. Arim Eng. & Machinery Co.: Davit & Winch ARPV series, ARLD series
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General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and or other applicable rules
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval



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