

# APPROVAL OF SERVICE SUPPLIERS

Certificate No:  
**AOSS0000BD1**  
Revision No:  
**2**

This is to certify that

**Safety Technical Bureau Vasileios Kon. Vassos**

**Piraeus, Greece**

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 **2023-10-02** to (inclusive) **2026-10-01**.

This Certificate is issued on **2023-10-25**.



for **DNV**

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

**Gkovopoulos, Emmanouil**  
**Surveyor**

This Certificate may be withdrawn if: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 300,000 USD.



### Application:

The service supplier is approved for maintenance, thorough examination, operational testing, overhaul and repair of the following equipment:

#### Lifeboats (incl. freefall lifeboats)

Make	Model/ Series
Wuxi Hai Hong Boat Making Co., Ltd	Totally enclosed lifeboats 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 boats HH59FC/HH59FF, HH76FC/HH76FF
Fassmer-Marland Ltd. (ex. Hai Hong Boat Making Co., Ltd. (Guangzhou)	Davit launched totally enclosed lifeboat HH57C/HH57T/HH65C/HH65T/HH70C/HH70T DRAGON 26C, 26T, 32C, 32T, 38C, 38T, GMR6.5, GMR-T6.5, GMR7.4, GMR-T7.4, CLR-C5.9, CLR-T5.9 Freefall boat GAR6.7/GAR-T6.7/GAR7.4/GAR-T7.4 /CFL-C49(E)/CFL-T49 (E) /CFL-C49(E)/ CFL-T49(E)/ CFL-C66(E)/ CFL-T66(E) CFL-C72(E) CFL-T72(E)/ CFL-C77(E)/ CFL-T77(E)/ CFL-C83(E)/ CFL-T83(E)
Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.	Totally enclosed lifeboat BH-5/5A/ 5S/ 5SA/ E500/ E585/ 6/6A/6S/E670/7A/7B/8 Freefall lifeboat BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900A
Jiangsu Jiaoyan Marine Equipment Co. Ltd. (ex-Jiangyin Xinjiang F.R.P. Co. Ltd.))	JY-FN SERIES, JY-FF SERIES, JYM-FN SERIES, JYM-FF SERIES, JY-QFP/N SERIES, GTR57JYC,GTR57JYF

#### Rescue boats (incl. fast rescue boats)

Make	Model/Series
Wuxi Hai Hong Boat Making Co., Ltd	GJ4.SB/GJ4.3BI High speed rescue boat series: GJ618A/GJ618B
Fassmer-Marland Ltd. (ex Hai Hong Boat Making Co., Ltd. (Guangzhou)	Rigid rescue boat RR4.2/RR4.2-M/RRH4.2/RR4.2ID/FRR6.1ID/FRR6.2ID
Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.	BH-R4/R4S/R4SA/R5S
Jiangsu Jiaoyan Marine Equipment Co. Ltd. (ex-Jiangyin Xinjiang F.R.P. Co. Ltd.))	GJ SERIES

#### Release gear (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)

Make	Model/Series
Wuxi Hai Hong Boat Making Co.,	HH76/HH43/HH30/HH20
Fassmer-Marland Ltd. (ex. Hai Hong Boat Making Co., Ltd. (Guangzhou)	HH43/DUPLEX2.5/ DUPLEX2.5E/ DUPLEX25E2/ DUPLEX5.0/ DUPLEX5.0E/ DUPLEX50E2
Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.	Gravity lifeboat release mechanism BG-3/3R/3L/BG-7/ BH-HOOK3/ HOOK5/FS5/FS7 Freefall Lifeboat release mechanism BG-3F/3.5F/4F/4.5F/4.5FL/SF/6F Rescue boat release mechanism BG-2R/ WUXI XINGSHENG 15,21, 23, 25,35 KN

Jiangsu Jiaoyan Marine Equipment Co. Ltd. (ex-Jiangyin Xinjiang F.R.P. Co. Ltd.)	JX Series, JXN Series
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**Launching appliances (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)**

Make	Model/ Series
Oriental Inspection & Service Co. Ltd	Hinged Gravity type Davit and Winch: 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
CSSC Zhenjiang Marine Auxiliary Machinery CO., LTD	Gravity Davit LE55-1/LE65-1/LE85-1/ LE100-1/ LE138-1/ LE170-1/ HE65/HE85/ HE100/ HE138/HI170/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 Launching appliance davit FH55/FH 70/FH 75/FH85/FH 100, Single arm davit and crane SAF 14/SAFC21/SAFC25/SA32/ HDCL2-6.5/HDCL3-6/HDCL3-10 /LA25/LA35 Offshore davit PL65/PL85/PL100/PL110/PL120/ PL138/ PL150 /PL180/PL200/PL230 Fast rescue boat davit LFR30/LFR350/LFR55/LFRH30/ LEFR50 /LFRH60/DH30/SAWH30/ SAWH45/SAWH60
Fassmer-Marland Ltd. (formerly Hai Hong Boat Making Co., Ltd. (Guangzhou)	Pivot davit FPD-D60/FPD-D68/FPD-DH68/SRH70 Freefall davit FFH49/FFH49D/FFH66/FFH66D/ FFH72/FFH77/FFH83/FLR49/FLR66 /FLR72 Rescue boat crane FSAR 14/3.5HS/FSARR 14/3.5HS/ FSAR 4.0-3.5HS /FSAR21-4.0HS/FSARR 21-4.0HS/ FSARR 22-4.0HS/FMAH 22KN FSAR 25 Winches for rescue boat davit: DEW150/DEW450/RZ25 Winches for pivot davit DEW15-24/DEW15-35/DEW15-44/D52L/D52R/DW34S/DWE4Z/ MW50/MW50C Winch for freefall davit FW35

Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.	Gravity Pivot Davit BD-PV50/ PV60/PV60S/ PV85/PV125 Freefall launching Davit BD-FF55/ 55A/ 55R/FF80/ 80A/ 80R/ 80B/FF66/ FF67/FF85 Single arm davit BD-SA14/14A/14B/SA21/21A/SA23/SA30 /30A/ SA33/SH23 Winch BW-H(L/R)31/50/63/75, L(L/R)75/125, SC14/21
Jiangsu Jiaoyan Marine Equipment Co. Ltd. (ex-Jiangyin Xinjiang F.R.P. Co. Ltd.))	JYL Series, JYF Series, JYP Series, JYR Series, JYRH Series, JYW Series, JYWP Series, JYRZ21, FW45
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 FFB Launching Appliance F55/F70/NPT100F RB/LR Launching Appliance 21kN(manual)/21kN(electrical)/21kN(electrical/hydraulic)/25kN(electrical/hydraulic)/35kN (electrical/hydraulic, DWC210 Lifeboat winch DS*ZY25/DS*ZY40/D50S/DS*ZY63/D63S/80kN(life) Life/rescue boat winch DZY/Z21/DZ*ZY25/DZ*ZY40/D50Z/DZ*ZY63/D63Z/80kN(rescue)

**Remarks:**

Approved according to IMO MSC.402(96)/Corr.1 and IACS UR Z17, rev.16