CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0043-25

This is to certify that

SM Korea

Address : 59, Saneop-ro 382beon-gil, Nam-gu, Ulsan, Republic of Korea

is approved as a service supplier to provide the following service under Guidance for Approval of Service Suppliers and the relevant requirement of the society rule.

Scope of service

The servicing Inflatable lifejackets
Maintenance, thorough examination, operational testing, overhaul and repair of Lifeboats, Rescue boats, Launching appliances, Release gear

This certificate is valid until **2028.06.08**

Issued at **Busan** on **2025.06.05**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team

TERMS AND CONDITIONS

A. The Responsibility and Duty of the Registered Company

(1) The operator who carries out the service shall possess the appropriate license issued by the Government or have equivalent qualifications.
(2) The registered company shall be responsible for ensuring the safety of the operator from any danger which can arise during operation.
(3) The registered company shall check the equipment to ensure the proper functioning of the equipment before operation.
(4) The registered company, if necessary, shall have the equipment calibrated by authorized organizations in order to maintain the required accuracy within the period prescribed in the standard, and have the contents recorded and maintained.
(5) The registered company shall keep a copy of the service report submitted to this Society and applicant for at least 5 years.
(6) The registered company shall notify this society immediately of any alterations of the condition at the time of the approval, including changes of staff and of any entries on this certificate.

B. Confidentiality

The detail information acquired during the job shall not be disclosed or released to third party without permission of the applicant or this Society.

C. Scope and Limitation

The extent of engagement is limited to the scope stated on this Certificate unless attached otherwise.

D. Renewal of the Approval

Renewal audit should be carried out within 3 months before the expiry date of Certificate. However, the validity of new Certificate will be started from the next day of expiry date of previous Certificate.

E. Cancellation of Approval

The approval may be cancelled in cases:
(1) Where the service provided is improperly carried out or the results are improperly reported.
(2) Where the Society's surveyor has found major deviations in the operating system of the firm.
(3) Where the supplier fails to inform of any alteration to the operation system to this Society.
(4) Where occasional audit, when deemed necessary by this Society, has not been carried out.
(5) Where wilful acts or omissions are ascertained.
(6) Where the approval fees are not paid.

APPENDIX I

No. : HDOLS-0043-25

The service supplier has been certified or licensed to service the particular makes and models of equipment listed in the appendix.

A. Manufacturer(s) of lifeboat, rescue boat, launching appliances, release gear / Type
* The service supplier has been certified or licensed to conduct maintenance, thorough examination, operational testing, overhaul and repair for the particular makes and models of equipment, as follow, in accordance with Res.MSC.402(96)

- JIANGYINSHI BEIHAI LSA CO., LTD. /
BOATS :
SC45KR, SC45K, JYB40R, JYB55KR, JYB45Q, JYB50K, JYB60K, JYB70K,JYB75K, JYB80K, JYB65Q, JYB78Q, JYB60G, JYB65G, JYB65GA,JYB65GW, JYB65W, JYB78W, JYB65FW, JYB65FG, JYB65FGA, JYB75G, JYB78FG, JYB85G, JYB85FG, JYB85B, JYB99B, JYB50F/C, JYB57F/C, JYB65F/C, JYB75F/C, JYB80F/C, JYB85F/C, JYB99F/C, JYB125F/C, JYB52FF/FC, JYB66FF/FC, JYB75FF/FC
HOOKS :
JYBHK-20N, JYBHK-25, JYBHK-30N, JYBHK-40NA, JYBHK-40D, JYBHK-40G, JYBHK-40, JYBHK-40S, JYBHK- 56F, JYBHK-56, JYBHK-60N, JYBHK-60D, JYBHK-60, JYBHK-85N, JYBHK-100, JYBHK-150, HK-20N, HK-25, HK-30N, HK-40D, HK-40G, HK- 40NA, HK-40, HK-56, HK-60D, HK-60N, HK-60, HK-85N, HK-150
DAVITS :
SAC15, SA21/SAC21, SA21-A, SA25/SAC25, SAC25-A, SA30/SAC30, SA35, FA65, FA75, FA100, LB14-H, LB30-H, LB45- H, LB50-H, LB60-H, LB65-H, LA65, LB90-H, LB120-H, BHGH65, BHGH90, BHGH120, BHGH170, BHGH230,PD50, PD85, PD115, PD145, PD175, FRH27, FRH27A, FRH27B, FRH30, FRH50, FRH50N, EHRD18, EHRD30, SRH27, SRH30, SRH45, BHGP65, BHGP90, BHGP120, RB75-H, RH75-H, HB30, HB90, HB90-H, HB120, HB120H, HDC2-10, HDC3-10, ESAD25, SM21, SMRF21, BGP65, GLR30, GLR35,BHSA45, LBS14
WINCHES :
D21S/Z, D21Z-A, D25S/Z, D30S/Z, D30Z-A, D35S/Z, D50S/Z, DW50S/Z, D63S/Z, D100S/Z, DW100S/Z, DW110S/Z, HW30, HW50, HW80, HW120, JYBW45L/R, JYBW53L/R, FFW25, FFW40, BHEW130

- WUXI XINGSHENG GEAR CASE FACTORY. /
RESCUE BOAT RELEASE HOOK : 15kN
LIFERAFT AUTOMATIC RELEASE HOOK : 21kN
LIFERAFT AUTOMATIC RELEASE HOOK : 23kN
LIFERAFT AUTOMATIC RELEASE HOOK : 25kN
AUTOMATIC RELEASE HOOK FOR DAVIT LAUNCHED LIFERAFT &amp ; RESCUE BOAT : 35 kN

- JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD /
FREE FALL LIFE BOAT:
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 /

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JY-FN-7.5 / JY-FF-7.5 / JY- FN-8.5 / JY-FF-8.5 / JY-FN / 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 LIFE BOAT :
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
HOOKS :
JX AND JXN SERIES
GRAVITY LUFFING ARM TYPE DAVIT :
JYL52 / JYL55 / JYL65 / JYL68 / JYL 85 / JYL 105 / JYL 135
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

- Fassmer-Marland Int ' l Ltd. /
DAVIT LAUNCHED TOTALLY ENCLOSED LIFEBOAT:
DRAGON 26C, DRAGON 26T TANKER VERSION, DRAGON 32C, DRAGON 32T TANKER VERSION, DRAGON 38C, DRAGON 38T TANKER VERSION, GMR 6.5, GMR-T6.5 TANKER VERSION, GMR 7.4, GMR-T7.4 TANKER VERSION, HH57C (HAI HONG TYPE), HH57T (HAI HONG TYPE) TANKER VERSION, HH65C (HAI HONG TYPE), HH65T (HAI HONG TYPE) TANKER VERSION, HH70C (HAI HONG TYPE), HH70T (HAI HONG TYPE) TANKER VERSION, CLR-C5.9, CLR-T5.9 TANKER VERSION,
FREEFALL LIFEBOAT:
GAR 6.7, GAR-T6.7 TANKER VERSION, GAR 7.4, GAR-T7.4 TANKER VERSION, CFL-C49(E), CFL-T49(E) TANKER VERSION, CFL-C66(E), CFL-T66(E) TANKER VERSION, CFL-C72(E), CFL-T72(E) TANKER VERSION, CFL-C77(E), CFL-T77(E) TANKER VERSION, CFL-C83(E), CFL-T83(E) TANKER VERSION,
RIGID RESCUE BOAT:
RR4.2/RR4.2-M, RRH4.2, RR4.2 ID
FAST RIGID RESCUE BOAT:
FRR6.1 ID, FRR6.2 ID
ONLOAD RELEASE GEARS:
DUPLEX 2.5, DUPLEX 2.5E, DUPLEX 25E2, DUPLEX 5.0, DUPLEX 5.0E, DUPLEX 50E2, HH43(HAI HONG TYPE)

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PIVOT DAVIT:
FPD-D60, FPD-D68, FPD-DH68, SRH70
FREEFALL DAVIT:
FFH49, FFH49D, FFH66, FFH66D, FFH72, FFH77, FFH83
FREEFALL RAMP:
FLR49, FLR66, FLR72
RESCUE BOAT CRANE:
FSAR 14/3.5HS, FSARR 14/3.5HS, FSAR 4.0/3.5HS, FSAR 21/4.0HS, FSARR 21/4.0HS, FSARR 22/4.0HS, FMAH 22KN, FSAR 25
WINCH FOR PIVOT DAVIT:
DEW 15-24, DEW 15-35, DEW 15-44, D52L/D52R, DW34S/DW34Z, MW50/MW50C FOR DAVIT FPD-D60
WINCH FOR FREEFALL DAVIT:
FW35
WINCH FOR RESCUE BOAT CRANE:
DEW150, DEW450, RZ25
DAVIT LAUNCHED TOTALLY ENCLOSED LIFEBOAT:
HH57C(HAI HONG TYPE),
HH57T (HAI HONG TYPE) TANKER VERSION, HH65C (HAI HONG TYPE),
HH65T (HAI HONG TYPE) TANKER VISION, HH70C (HAI HONG TYPE),
HH70T (HAI HONG TYPE) TANKER VERSION
ONLOAD REAEASE GEAR:
HH 43 (HAI HONG TYPE)

- ARIM ENG. &amp ; MACHINERY CO. /
RESCUE BOAT&amp ; LIFERAFT LAUNCHING APPLIANCE:
ARPV/RVD-2109 CSN SERIES,ARPV/RVD-1875 QHS SERIES,ARPV/RVD-2260 JINSE SERIES,ARPV/RLD-2260 SH SERIES, ARPV/RVD-2108 SK-H SERIES, MS06/07 SERIES,LRBD-20 SH SERIES, ARBD-0512 SERIES
LIFE RAFT LAUNCHING APPLIANCE:
ARLD-20P SK-H SERIES, ARPV/LD-2050 SK-H SERIES,ARPV/LRD-2050 SERIES

- QINGDAO BEIHAI BOATBUILDING CO.,LTD /
LIFEBOAT
TOTAL ENCLOSED:
BH-5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8,9,10 SERIES
FREEFALL:
BH-F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F750,F900/A
RESCUE : BH-R4,R4S,R4SA,R5S,HR6,HR7
DAVIT

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GRAVITY PIVOT:
BD-PV50,PV60,PV60S,PV85,125
FREEFALL LAUNCHING:
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
WINCH:
BW-H(L/R)31S,31,50,63,75 ; L(L/R)75,125 ; SC14 ; 21 ; 30 ; YSB SERIES HYDRAULIC WINCH
RELEASE MECHANISHM
GRAVITY LIFEBOAT:
BG-3,3L,BG-7 ; BH-HOOK3,HOOK5,FS5,FS7
FREEFALL LIFEBOAT:
BG-3F,3.5F,4F,4.5F,4.5FL,5FL,5F,6F
RESCUE BOAT:
BG-2R,15KNXS,25KNXS,35KNXS

- NINGBO ASIA F.R.P BOAT MANUFACTURING CO.,LTD /
RESCUE BOAT: YZ4.5,YZ4.5S,YZ4.5SA,YZ45R,YZ60RA,YZ60RB
TOTALLY ENCLOSED LIFEBOAT/RESCUE BOAT: YZ50C,YZ50F,YZ65C,YZ65F,YZ65CS, YZ65FS,YZ75C,YZ75F
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 &amp ; CRANE: ZF21/15 DZ14,ZF21 DZ14 ZF23/15 DZ14,ZF23 DZ14 ZF33 DZ25,B21/14,B21/14-2.5
RESCUE BOAT DAVIT: YZ-A30D
FREE-FALL LIFEBOAT LAUNCHING APPLIANCE: YZF55,YZF70
RELEASE MECHANISM: HK40,HK40B,YZHK40,YZHK40S

- WUXI WENJIAO G.F.R.P FACTORY /
TOTALLY ENCLOSED LIFE/RESCUE BOAT:
WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C
FREE FALL LIFEBOAT:
WJ59FF, WJ59FC, WJ67FF, WJ67FC
RESCUE BOAT:
WJ40R, WJ45KR, WJ45D3, WJ45D, WJJZ45, WJ55D, WJ60RA, WJ60RB
LIFE BOAT: OPEN TYPE
WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85
RELEASE GEAR:

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WJHK40/40KN, WJ30HK/30kN, WJHK55/55KN, WJ63HKC/63KN, WJ67HK/70KN, WJ40/40KN

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO.,LTD /
DAVIT
GRAVITY DAVIT:
LE45-1/LE55-1/LE65-1/LE85-1/LE100- 1/LE138-1/LE170-1/HE65/HE85/HE100/HE138/H170/RE50/ RE60/RE80/RE100/SRH65/SRH85/SRH100/SRH120/SRH150/SRH170/SRH200/SRH230/G L65/GL85 /GL110/GL138/GL165/TG65/TG85/TG110/TG150/TG17 0/TG200/TG230/HT80/HT100/HT150/HT210/ LC400/RC60-EB
LAUNCHING APPLIANCE DAVIT : FH55/FH70/FH75/FH85/FH100
SINGLE ARM DAVIT AND CRANE:
SAF14/SAF21/SAFC21/SAFC25/SA21/SA32/HDCL2-6.5/HDCL3- 6/HDCL3-10/LA25/LA35/SH-21/DH30
OFF-SHORE DAVIT:
PL65/PL85/PL100/PL110/PL120/PL138/PL150/PL180/PL200/PL23 0
FASTRESCUE BOAT DAVIT:
LFR30/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SA WH45/SAWH60
BOAT WINCH:
D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/D65KN/D80KN/ D100KN/D120KN/DP65KN/DP85KN/ DP100KN/DP110KN/DP120 KN/DP138KN/DP150/DP180KN
BOAT
TOTALLY ENCLOSED LIFEBOAT:
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/YH1 2.0QFN/YH9.9BFP/YH12.5BFP/ ZZHG-BF-12.5
FREE FALL LIFEBOAT:
YH5.9FP/YH5.9FN/YH6.7FP/YH6.7FN/YH7.5FP/YH7.5FN/YH8.5FP/ YH8.5FN
FAST RESCUE BOAT:
YH6.0FRA/YH6.0FRB/YH6.5FRA/YH6.5FRB
RESCUE BOAT:
YH4.5R/YH4.5DR/YH7.5
HOOK:
HK25/HK25B/HK40/HK40C/HK65/SH55/SH70/SH85
HANDLE RELEASE HOOK,15KN,AUTOMATIC RELEASE HOOK 21KN/23KN/25KN/35KN

- ZHEJIANG NORSIER LIFESAVING EQUIPMENT TECHNOLOGY CO.,LTD. /
LIFEBOATS / RESCUE BOATS: NYF&amp ; NYC, NYPE&amp ; NYPC, NYZ
DAVITS: NLB, NSA, NHCD, NFH
WINCHES: N
RELEASE MECHANISM: NHK

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- NINGBO NEW MARINE LIFESAVING EQIUIPMENT CO., LTD. /
Rescue Boat and Fast Rescue Boat : NM43R, NM45R, NM45RB, NM60R
Totally Enclosed Life/Rescue Boat : NML50C, NM50C/F, NM57C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F, NM117C/F
Free Fall Lifeboat : NM52FC/FF, NM59FC/FF, NM67FC/FF, NM50FC/FF, NM58FC/FF, NM75FC/FF
Single Arm Rescue Boat (Rafts) Davit(Crane) : NMSD14KN, NMD14KN, NMSD21KN, NMD21KN, NMSD23KN, NMD23KN, NMSD25KN, NMSD33KN, NMC25, NMC30 ;
Rescue Boat Launching Appliance : NMAR30, NMAR30(-1), NMAR60, NM30
Gravity Luffing Arm Davit : NMD25KN, NMD40KN, NMD45KN, NMGD50KN, NMD50KN, NMD55KN, NMD60KN, NMD65KN, NMD85KN, NMD120KN
Launching Appliance Of Free Fall Lifeboat : NMF55KN, NMF70KN
Platform Davit : PD50, PD70, PD85, PD120
Hydraulic Gravity Luffing Davit : HLA85, HLA120, HLA210
Electric Lifeboat/Rescue Boat Winch : NMW25KN, NMW42L/R, NMW50L/R, D63S/Z, D80S/Z, D125S/Z
Hydraulic Telescopic Davit : HTA70, HTA120

- WUXI MINGZI MACHINERY MANUFACTURING CO.,LTD. /
Lifeboat Hook Release Mechanism : HK40, WHK40, WHK65
Release Hook For Rescue Boats : 15KN
Automatic Release Hook For Life Rafts : 21-25KN
Combined Release Hook For Rescue Boats And Life Rafts : 31-37KN

- CRALOG /
“The technicians below have been confirmed to be trained by CRALOG ACADEMY. so, it is possible to perform servicing as CRALOG ' s subcontractors with an employment order issued by CRALOG. but,Owners, managers and service suppliers shall confirm with their flag administrations if any additional or special requirement apply."

(Certified personnel)
Name : KYUNG EUI CHO
ID no. : 520

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No. : HDOLS-0043-25

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference