CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0053-24

This is to certify that

KOSMOA INC.

Address : 53, Gamcheonhang-ro 419beon-gil, Saha-gu, Busan, 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 liferafts, Inflatable lifejackets, Hydrostatic release units Maintenance, thorough examination, operational testing, overhaul and repair of Lifeboats, Rescue boats, Launching appliances, Release gear

This certificate is valid until **2027.08.25**

Issued at **Busan** on **2024.09.03**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team

SAMPLE

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

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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 inflatable liferafts

- SHANGHAI STAR RUBBER PRODUCTS CO., LTD
- JIANGSU HAINING MARINE EQUIPMENT CO.,LTD.
- SG SAFETY CORPORATION

B. Manufacturer(s) of Lifeboats, Rescue boats, Launching appliances, Release gear / Type
* The service supplier has been certified or licensed to perform maintenance, thorough examination, operational testing, overhaul and repair for the particular makes and models of equipment in accordance with Res.MSC 402(96).

- HLB (ex. Hyundai Lifeboats) CO., LTD /
Lifeboat and Rescue Boat : Series of HD, HT, HDL, HLB ; HDF, HDFL, HDFN ; HDR &amp ; HDFR
Release Mechanism : Series of THP, Talon and Talon II

- BADA HI (ex,D.R.M) Co., Ltd. /
Davit : Series of DRM, DRBD, BDH, BDTD, BDHP, BDTW, BDRW, BDM, BFOD
FF, HDFL, HDF, BDF, BDFD, BDR, BDH, BDA, BDFA, BDL, BDR, BLR &amp ; BHI
Winch : Series of DRM, DRBW, HLDF, BAW, BDF, BDFD, HDFL, HDF, BHI, BLR, BLW, BMW, BRW, BWL, BWR&amp ; FHW
Release Mechanism : Series of BDR, BHA and BHR

- DSB ENGINEERING CO., LTD /
Gravity type Lifeboat : DSB50F/C, DSB58F/C, DSB60F/C, DSB75F/C, DSB85F/C, DSB95F/C, DSB150F/C
Gravity type Davit : DSB60DL, DSB85FDL, DSB138DL, DSB205DL
Hydraulic type Davit : DSB150DYL
Freefall type Lifboat : DSB49FF/FC, DSB59FF/FC, DSB75FF/FC
Freefall type Davit : DSB70DF, DSB85DF
Rescue boat : DSB40R, DSB60RA/RB
Rescue boat Davit : DSB23DR. DSB30ARH, DSB18/27DR

- JAPAN MARINE UNITED CORPORATION /
Gravity &amp ; Freefall Lifeboat : Series of GF, GT, GTR, GTC, S, G, MU-FN, MU-FF,
Gravity &amp ; Free Fall Davit : Series of MUL, MUF
Lifeboat Freefall Type : MU-FN-5.8J, MU-FF-5.8J, MU-FN-6.8J, MU-FF-6.8J
Lifeboat Open Type : S65A/S73A/S75A/80A/G73B/G73C/G75A/G80A
Rescue boat : Series of MU-GJ

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Rescue Davit : Series of MUR
Winch : Series of MUW
Others : JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate

- HOEI SENPAKU CO., LTD. /
HS650, HS650F, HS520, HS520F, SO, SM, FO, FM

- SHIGI SHIP BUILDING CO., LTD. /
SZ series, FEL series, VOX series, GARS series, OPEN type

- JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD. /
Free Fall lifeboat :
JY-FN-4.9, JY-FF-4.9, JY-FN-5.8, JY-FF-5.8, JY-FN-6.0, JY-FF-6.0, 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 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 lifeboat :
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
Hook : JX AND JXN Series
Gravity luffing arm type davit : JYL52, JYL55, JYL65, JYL68, JYL85, JYL105, JYL135
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, JTR26, JYR30, JYR23
Electric Boat Winch : FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21

- WUXI HAI HONG BOAT MAKING CO., LTD. /
Totally enclosed life / rescue boat series :
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 Lifeboat Series : HH59FC/HH59FF, HH76FC/HH76FF
Rescue Boat Series : GJ4.5B/GJ4.5B1
High Speed Rescue Boat Series : GJ1618A/GJ618B

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Release Gear Series : HH76/HH43/HH30/HH20

- SHIN MYUNG TECH CO., LTD. /
SM-LRD, SMRB and PVH, SMRB and LR, SMRBD-LSW
SMLRD-LSW, SMRB and LR-NLSW

- SANGSANGIN INDUSTY CO., LTD. /
(Ex. DONGNAM MARINE CRANE Co., Ltd. and Dongnam Enterprise)
HINGED GRAVITY TYPE(
DHG-57-FM,HGW-40-FM,DHG-70-FM,HGW-52-FM,HGW-50-FM,DHG-73-FM,HGW-61-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

- ORIENTAL INSPECTION and SERVICE CO., LTD. /
DAVIT : HGD SERIES, HGK SERIES, SHS SERIES, RTD SERIES, DHA SERIES, DMA SERIES
WINCH : BWE SERIES, SWE SERIES, WL SERIES
* FREE FALL DAVIT &amp ; WINCH
FD SERIES, WL SERIES
* RESCUE / LIFERAFT DAVIT and WINCH
RD SERIES, RDW SERIES

- SEKIGAHARA SEISAKUSHO LTD. /
Gravity type davit : SH, SFB, SHS, STS, SSS
Fee-fall lifeboat davit : SFS, SFA, SFB, SFC, SFD
Rescue boat davit : SJS, SJR
Winch : SNW, SWE

- NISHI-F CO., LTD /
(Ex. ISHIHARA Dockyard Co., Ltd. and Nishi-Nippon F.R.P Shipbuilding Co., Ltd.)/
G-series, ML-series, F-series

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /
Gravity davit : LE45-1/LE55-1/LE65-1/LE85-1/LE100-1/LE120-1/LE138-1/LE170-1/HE65/HE85/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/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/

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HDCL3-10/LA25/LA35/SH-21/DH30
Off-Shore davit : PL65/PL85/PL100/PL110/PL120/PL138/PL150/PL180/PL200/PL230
Fast rescue boat davit : LFR30/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SAWH45/SAWH60
Boat Winch : D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/D65KN/D80KN/D100KN/D120KN/DP65KN/DP85KN/DP100KN/DP110KN/DP120KN/DP138KN/DP150/DP180KN
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/YH12.0QFN/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

- ZHENJIANG JUST MARINE EQUIPMENT CO., LTD. /
Rescue boat : ZJM40R, ZJM45R
Fast Rescue boat : ZJM618
Lifeboat : ZJM50C, ZJM50F, ZJM57C, ZJM57F, ZJM65C, ZJM65F, ZJM75C, ZJM75F
Free fall lifeboat : ZJM59FC, ZJM59FF, ZJM66FC, ZJM66FF
Davit : SA21,SA23,SA30,FR21,FR30,L40,L57,L67,L90,OA65,PA85,FH70,FH90

- JUNG-A MARINE Co., Ltd. /
Item : Rescue Boat &amp ; Life Raft Davit(with Winch)
Type : Single Arm Slewing Type

- A-TECH /
EM'CY CARGO PUMP HANDLING DAVIT : AIR TYPE / ELEC' TYPE
BOSUN STORE DAVIT : AIR TYPE / ELEC' TYPE
INJURED PERSON LIFTING DAVIT : AIR TYPE / ELEC' TYPE
STEERING GEAR ROOM DAVIT : AIR TYPE / ELEC' TYPE
SUB COOLER ROOM DAVIT : AIR TYPE / ELEC' TYPE
WINCH MOTOR HADNLING DAVIT : AIR TYPE / ELEC' TYPE
RESCUE BOAT LAUNCHING DAVIT : ELEC' / HYD' TYPE
LIFE RAFT DAVIT &amp ; WINCH : MANUAL

- BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD /
Lifeboat Total enclosed : BH-5,6,7,8,9,10 series, BH-E series
Lifeboat Freefall : BH-F series
Rescue : BH-R series, BH-HR series

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Davit Gravity Pivot : BD-PV series, BD-AR series
Davit Offshore : BD-PL series
Davit Single arm : BD-SA series, BD-SH series, FA36, RBD966
Davit Freefall launching : BD-FF series
Release Mechanism Gravity Lifeboat : BG-3/3R/3L/7/10 ; BH-HOOK3/5, FS5/7/10/13
Release Mechanism Freefall Lifeboat : BG-3F,3.5F,4F,4.5F,4.5FL,5F,6F
Release Mechanism Rescue boat : BG-2R,Wuxi XS seris, Jimo CS series
Winch : BW-H(L/R) series ; L(L/R) series ; SC series ; YSB/INI/BJM hydraulic winch series

- ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD. /
LIFEBOAT SERIES : BCC, BCF, BCFC, BCFF
RESCUEBOAT SERIES : GJ FRH RH
RELEASE MECHANISM SERIES : HK
DAVIT SERIES : FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN
WINCH SERIES : DZB, D, DW

- WUXI MINGZI MACHINERY MANUFACTURING CO.,LTD /
Lifeboat Hook Release Mechanism / HK40, WHK40, WHK65
Davit-Launched Rescue Boat Manual Release Hook / 15KN(150-T)
Davit-Launched Liferaft Manual Release Hook / 21-25KN(250-T)
Liferaft/Rescue Boat Manual/Automatic Release Hook / 31-37KN(370-T)

- TSUNEISHI FACILITIESS &amp ; CRAFT CO., LTD.
Conventional lifeboats, rescue boats and release gear Manufactured by
· Sanyo Works Co., Ltd.
· Kambara Ringyo Co., Ltd.
· Tsuneishi Forestry Construction Co., Ltd.
· Tsuneishi Holdings Corpration Tsuneishi Forestry Construction Company"
Lifeboat type / Release gear type : 7.32M open type / Fixed type hook ; KL-6.5TE, KL-6.5FP / 43GS-1(A), 43GS-1(B), 43GS-1(C) ; TL-6.5TE, TL-6.5FP / 43GS-1(C) ; TL-5.7TE / 43GS-1(D)

- 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 : Chi YuSob
ID no. : 393

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Reference

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No. : HDOLS-0053-24

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference