CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0087-25

This is to certify that

HANA MARINE SERVICE CO., LTD.

Address : 117-217, YUTONGDANJI1RO, GANGSEO-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

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

This certificate is valid until **2028.12.29**

Issued at **Busan** on **2025.12.16**

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-0087-25

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)

- 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 Heavy Industries(ex, D.R.M) Co., Ltd. /
Davit : Series of DRM, DRBD, BDH, BDTD, BDHP, BDTW, BDRW, BDM, BFOD
Series of 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 ; FWH, BDA
Release Mechanism : Series of BDR, BHA &amp ; BHR

- ORIENTAL PRECISION and ENGINEERING CO., LTD /
Lifeboat Davit : HGD SERIES, HGK SERIES SHS SERIES, RTD SERIES, DHA SERIES, DMA SERIES
Lifeboat Winch : BWE SERIES, SWE SERIES, WL SERIES
Freefall Davit and Winch : FD SERIES, WL SERIES
Rescue Boat Davit and Winch : RD SERIES, RDW SERIES, HPC SERIES

- FASSMER-MARLAND LTD (ex. Hai Hong Boat Making Co., Ltd. (Guangzhou)) /
Davit launched totally enclosed lifeboat : DRAGON 26C/ 26T/32C/32T/38C/38T,
GMR 6.5/-T6.5/7.4/-T7.4, HH57C/57T/65C/65T/70C/70T, CLR-C5.9/T5.9
Freefall lifeboat : GAR 6.7/-T6.7/7.4/-T7.4, CFL-C49(E)/T49(E)/C66(E)/T66(E)/C72(E)/
T72(E)/C77(E)/T77(E)/C83(E)/T83(E)
Rigid rescue boat : RR4.2/4.2-M, RRH4.2, RR4.2 ID
Fast rigid rescue boat : FRR6.11D/6.2ID
On load release gear : Duplex 2.5/2.5E/25E2/5.0/5.0E/50E2, HH43
Pivot davit : FPD-D60/D68/DH68, SRH70
Freefall davit : FFH49/49D/66/66D/72/77/83
Freefall ramp : FLR49/66/72
Rescue boat crane : FSAR 14/3.5HS/4.0/3.5HS/21/4.0HS/25, FSARR 14/3.5HS/21/4.0HS/22/4.0HS, FMAH 22KN, FSAR25
Winch for pivot davit : DEW 15-24/15-35/15-44, D52L/R, DW34S/Z, MW50/50C
Winch for freefall davit : FW35

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Winch for rescue boat crane : DEW 150/450, RZ25
(HAI HONG BOAT MAKING CO.,LTD.(GUANGZHOU))
Davit launched totally enclosed lifeboat : HH57C/57T/65C/65T/70C/70T (Hai Hong type)
On load release gear : HH43 (Hai Hong type)

- HATECKE SERVICE Gmbh /
(Fast) Rescue Boat : RB series
Launching appliances : FFA series, FFB, Gsp.O, GspFP, Gxp.FLH, W07,W10,W26
Lifeboats : GFF, GFF-T, GSAR, GSL, GLS-T
Release Gear : Duplex series, GFF-R series, RAFTI 2.5, Simplex series

- GLOBAL DAVIT GMBH /
Launching and recovery appliances for single point suspended life-saving crafts ; Type code: X1X2X3.x4.x5.x6
X1 = F/L/R, X2 = g/h/m, X3 = p/s/t, x4-x6 are the options in case of a multi purpose system and can be: L/R/S
Launching and recovery appliances for double point suspended life-saving crafts ; Type code: X1xx2XX3.x4
X1 = G, xx2 = sp/lp, XX3 = FP/FL/MP/RT/TT, x4 = h
Winches for launching and recovery of life saving appliances ; Type code: X1NN1X2
X1 = W, NN1 = output torque in kNm, X2 = HC/L/R/M/E
Release gears for liferaft and/or rescue boat handling: HRN.12, HRN.28, HRL.26

- SANGSANGIN INDUSTRY CO., LTD. (Ex. DONGNAM MARINE CRANE Co., Ltd. and Dongnam Enterprise) /
HINGED GRAVITY TYPE(DHG-57-FM, HGW-40-FM, DHG70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-61-DM, DHGD-11-E2E7)
SINGLE ARM TYPE (DLRD, DRLD, DASD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ)
FREEFALL TYPE (FF, HDFIa)
DSAM11-E2M0

- Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.) /
Free Fall Lifeboat : 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-FF6.8/JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5/JY-FN-9.5/JY-FF-9.5
Rescue Boat : GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10/GJ7.50/GJ80Q-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

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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

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

- BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD. /
Lifeboat Total enclosed : BH-5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8.
Lifeboat Freefall : BH-F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F750,F900A
Rescue : BH-R4,R4S,R4SA,R5S
Davit Gravity Pivot : BD-PV50,PV60,PV60S,PV85,PV125
Davit Freefall launching : BD-FF55,55A,55R,FF80,80A,80R,80B,FF65,FF66,FF67,FF85
Davit Single arm : 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
Release Mechanism Gravity Lifeboat : BG-3,3L,BC-7 ; BH-HOOK3,HOOK5,FS5,FS7
Release Mechanism Freefall Lifeboat : BG-3,5F,4F,4.5F,4.5FL,5F,6F
Release Mechanism Rescue boat : BG-2R,15KNXS,25KNXS,35KNXS

- WUXI XINGSHENG GEAR CASE FACTORY /
Release Hook : 15KN(XS15),21KN(XS21),23KN(XS23),25KN(XS25),35KN(XS35)

- d-i davit international-hische GmbH /
* Level of competence : B1
Crane for freefall boat : C-F series
Crane for boat handling : C-S series
Free-fall davit only : D-F series (freefall only)
Free-fall davit :D-TF series, D-FH/FG series
Roller track davit : D-RT series (roller track davit only)
Fixed offshore davit : D-FO series
Normal pivot davit : D-NP series excl. D-NP,MP and D-NP.SP series
Boat davit : D-BC series, D-BR series
Rescue boat davit : D-CL series, D-CR series, D-NPS.SP series, D-SR series
Raft handling davit : D-RC series, D-RB series
Rescue boat hook : RH series, OLH series
Liferaft hook : OLRH series
Sezamor Liferaft hook: HS series

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Palfinger Liferaft/rescue boat hook : ARH and CAR series
T-ISS Liferaft/rescue boat hook: PX series

- DONG WOO MACHINERY&amp ; ENGINEERING CO.,LTD /
HINGED GRAVITY BOAT DAVIT AND FREEFALL DAVIT RESCUEDAVIT AND LIFE RAFT DAVIT, DWS SERIES, LRDS SERIES, RBDS SERIES

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No. : HDOLS-0087-25

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference