CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0071-23

This is to certify that

ONURSAN USA

Address : 2831 South Houston Ave, Building #11, Humble, TX 77296, USA

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 **2026.10.03**

Issued at **Busan** on **2023.10.04**

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-0071-23

This 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.
- Ningbo Neptune Life-Saving Equipment Co.,Ltd.
- Shanghai Youlong Rubber Products Co.,Ltd.

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).

- 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)
SINGLE ARM TYPE (DLRD,DRLD,DSAD.PV COMBINED,DCHH,DPR,DNR,DRBD,DSAC)
FREEFALL TYPE (FF,HDF)

- 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(Hai hong type), 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 : FRR6.1ID/6.2ID
On load release gear : Duplex 2.5/2.5E/25E2/5.0/5.0E/50E2, HH43(Hai hong type)
Pivot davit : FPD-D52/60/ 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 for davit FPD-D60
Winch for freefall davit : FW35
Winch for rescue boat crane : DEW 150/450, RZ25

Endorse

APPENDIX I

No. : HDOLS-0071-23

- GEPA - FIBERGLASS INSUDTRY and TRADE CO., INC. /
FREEFALL LIFEBOAT : G-FFF1 and G-FFF1-FP, G-FFF2 and G-FFF2-FP, G-FFF3 and G-FFF3-FP
TOTALLY ENCLOSED LIFEBOATS : G-F6K and G-F6K-FP, G-F4K and G-F4K-FP, G-F3K and G-F3K-FP
PARTIALLY ENCLOSED LIFEBOAT : G-F6YK, G-F4YK, G-F3YK and G-F3YK-T
OPEN TYPE LIFEBOAT : G-F5, G-F2, G-F1, G-F6, G-F4, G-F3
SERVICE and UTILITY BOATS :
G-GSB3, G-GSB4, G-GSB2, G-GSB1
G-F5-UB, G-F2-UB,G-F1-UB,G-F6-UB,G-F4-UB,G-F3-UB
RESCUE BOATS and HOOK RELEASE DEVICES :
G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, G-K2

- GURDESAN Gemi Mak. San. Ve Tic. A.S /
Rescue Boat and Liferaft Davit:
GD.RRS 15/3,5
GD.RRS 15/3,5A
GD.RRS 21/4.0
GD.RRS 25/4.0
GD.RRS 25A, GD.RRS 64A, GD.RRS 64B.
Rescue Boat and Liferaft Hose Handling Crane:
GD.KHK 20/4-5-6-7-8-9-10 , GD.KHK 30/6.5,
GD.KHK 60/13.5.
Side Launching Davit:
GD.GR 20, GD.GR 25, GD.GR 40, GD.GR 43.
Accommodation Ladder:
GD.HBMA 30/50, GD.HBMK 30/5-6-7-8,
GD.HBMK 40-5-6-7-8, GD.HBMK 50/5-6-7-8.
Freefall Davit:
GD.FFD 10C, GD.FFD 12, GD.FFD 12Y, GD.FFD 15A,
GD.FFD 18, GD.FFD 19, GD.FFD 19A, GD.FFD 19C,
GD.FFD 19E, GD.FFD 20Y, GD.FFD 21, GD.FFD 21Y,
GD.FFD 22, GD.FFD 22Y, GD.FFD 25, GD.FFD 25A,
GD.FFD 25B, GD.FFD 25C, GD.FFD 20, GD.FFD 20B,
GD.FFD 26, GD.FFD 28, GD.FFD 35.

- 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. /

Endorse

Preview

APPENDIX I

No. : HDOLS-0071-23

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, FHW
Release Mechanism: Series of BDR, BHA &amp ; BHR

- 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-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 Type : 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/N5.25, JY-QFP/N-5.6, JY-QFP/N6.0A, 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, JYR26, JYR30, JYR23
Electric boat winch : FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW 35, JYRZ21

- JIANGYINSHI BEIHAI LSA CO., LTD. /
BOAT: SERIES OF SC, JYB
HOOK: SERIES OF HK
DAVIT: SERIES OF SM,SAC,SA,FA,LB,LA,BHGH,PD,FRH,EHRD,SRH,BHGP,RB,HB,HDC,ESAD
WINCH: SERIES OF D,DW,HW,JYBW,FFW

- IKNOW MACHINERY CO., LTD.(ex. TSUJI HEAVY INDUSTRIES CO., LTD.) /
Series of Davit : H, T, TC / Winch : EB, TC, OAP

- JAPAN MARINE UNITED CORPORATION(IHI CRAFT, IHI AMTEC, IHI Marine United Inc.) /
LIFEBOAT GRAVITY : GF80B/GF80C/GF80E/GF80F/GF80G/GF80H
GTR57(C,F)/GTR57JY(C,F)/GTC60C/GTC65(C,F), GTC75(C,F)/GT65F/GT70F/GT75F
Others (JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate)
LIFEBOAT FREEFALL : MU-FN-5.8J, MU-FF-5.8J, MU-FN-6.8J, MU-FF-6.8J
LIFEBOAT OPEN : S65A/S73A/S75A/80A/G73B/G73C/G75A/G80A
LIFEBOAT DAVIT GRAVITY : MUL52 (WINCH:MUW42R/MUW42L)
LIFEBOAT FREEFALL : MUF55J, MUF75J
RESCUE BOAT : MU-GJ4.5J
RESCUE DAVIT : MUR21J

Endorse

APPENDIX I

No. : HDOLS-0071-23

- 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, FF65/66/67/85
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 ; 30 ; YSB series hydraulic winch
Release mechanism Gravity lifeboat : BG-3, 3R, 3L, BG-7 ; BH-HOOK3, HOOK5, FS5, FS7
Release mechanism Freefall lifeboat : BG-3F,3.5F,4F,4.5F,4.5FL,5F,6F
Release mechanism Rescue boat : BG-2R, 15KNXS, 25KNXS, 35KNXS

- ORIENTAL PRECISION AND ENGINEERING CO., LTD. /
* HINGED GRAVITY TYPE DAVIT and WICH :
DAVIT : 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 and WINCH : RD SERIES, RDW SERIES

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

- 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

- Nishi-f Co., Ltd.(Ex.ISHIHARA Dockyard Co., Ltd. and Nishi-Nippon F.R.P Shipbuilding Co., Ltd.) /
G Series :
G-48ATR, G54ATR, G-63ATR, G-65BTR, G-73DTR, G-80CTR, G-90BTR, G-54AFR,
G-63AFR, G-65BFR, G-73DFR, G-80CFR, G-73C
ML Series :
EML-18, CML-19, CML-20, CML-21, CML-22, CML-23, CML-25, CML-27, PML-22, PML-35
CML-19S, CML-20AS, CML-21S, CML-22A, CML-23S, CML-25AS, CML-27AS, DML-73, DML-73S
F Series : FF-65, FF-65S, FF-72, FF-72S, F-43, NF-73A, NF-75
Release Gear: IHM series: IHM-12, IHM-12B, IHM-13 ; NS series: NS-2, NS-2.5, NS-3 ; CSR series: SR-1, SR-3,(SRS-37), SR-4, SR-6 ; FF series: FF-H6T, FF-H7T

Endorse

APPENDIX I

No. : HDOLS-0071-23

- SHINMYUNG Tech Co.,Ltd. /
Liferaft and Rescue Boat Davit : SM-LRD, SMRB and PVH, SMRB and LR, SMRBD-LSW, SMLRD-LSW, SMRB and LR-NLSW

- Wuxi Hai Hong Boat Making Co., Ltd. /
Totally enclosed life / rescue boat series:
HH50C/ HH50T, HH53C/ HH53T(QFP(H)5.3) ,HH57C/ HH57T
HH65C/ HH65T(QFP(H)6.5/QFN(H)6.5), HH65CS/HH65TS(QFP6.5/QFN6.5),HH70C/ HH70T(QFP7.0/QFN7.0)
HH75CS / HH75TS(QFP7.5/QFN7.5),HH75C(QFP(H)7.5), HH80CS / HH80TS(QFP8.0/QFN8.0), HH85C /H85T H85CS/H85TS(QFP8.5/QFN8.5)
Freefall Lifeboat Series: HH59FC/ HH59FF, HH76FC/ HH76FF
Rescue Boat Series:GJ4.5B/GJ4.5B1
High Speed Rescue Boat:GJ1618A/GJ618B
Release gear: HH76/HH43/HH30/HH20

- ZHEJIANG HENGXIN SHIP EQUIPMENTS CO., LTD. /
Lifeboat series: BCC, BCF, BCFC, BCFF
Rescue Boat Series: GJ, FRH, RH
Release Mechanism series: HK
Davit Series: FH, SA, HDC, LFR, LR, HE, PD, SRN, LB, KN

- Zhenjiang Marine Auxiliary Machinery Co., Ltd. /
Gravity Davit : 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, GL65, GL85, GL110, GL138, GL165, TG65, TG85, TG110, TG150, TG170, TG200, TG230, HT80, HT100, HT150, HT210, LC400
Launching Appliance Davit : FH55, FH70, FH75, FH85, FH100
Single Arm Davit and Crane : SSAF14, SAFC21, SAFC25, SA21, SA32, HDCL2-6.5, HDCL3-6, HDCL3-10, LA25, LA35, DH30
Off-Shore 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
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, YH-9.5QFP, 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, YH-6.5FRB
Rescue Boat : YH4.5R, YH4.5DR, YH7.5
HOOK : HK25, HK25B, HK40, HK40C, HK65, SH70, SH85

Endorse

APPENDIX I

No. : HDOLS-0071-23

-WUXI XINGSHENG GEAR CASE FACTORY /
Model/Type: WUXI XINGSHENG 15,21,23,25,35KN ;

Reference

Endorse

APPENDIX I

No. : HDOLS-0071-23

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference