CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0003-25

This is to certify that

SUN SHINE MARINE INDUSTRIAL CO., LTD.

Address : NO. 170, CHONGMING STREET, XIAOGANG DISTRICT, KAOHSIUNG 812, TAIWAN

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 **2028.01.11**

Issued at **Busan** on **2025.01.03**

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-0003-25

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 Inflatable liferaft
- VIKING LIFE-SAVING EQUIPMENT A/S
- FUJIKURA COMPOSITES INC.
- SHANGHAI STAR RUBBER PRODUCTS CO., LTD
- SHANGHAI HUAXIANG DACHENG RUBBER AND PLASTICS CO., LTD

B. Manufacturer(s) of HRU(Hydrostatic release units)
- FUJIKURA COMPOSITES INC.

C. Manufacturer(s) of Inflatable lifejackets.
- VIKING LIFE-SAVING EQUIPMENT A/S

D. 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).

- SHIGI SHIPBUILDING CO., LTD /
SZ series, FEL series, VOX series, GARS series, OPEN type, and release Gear

- NISHI-F CO., LTD /
(Ex. ISHIHARA Dockyard Co., Ltd. and Nishi-Nippon F.R.P Shipbuilding Co., Ltd.)/
Lifeboat, Free-fall lifeboat with Rescue Boat and those release gears : G-series, ML-series, F-series

- TSUNEISHI FACILITIES and CRAFT CO., LTD /
“Sanyo Works Co., Ltd. Kambara Ringyo Co., Ltd. Tsuneishi Forestry Construction Co., Ltd. Tsuneishi Holdings Corporation Tsuneishi Forestry Construction Company”
7.32M open type / Fixed type hook
KL-6.5TE, KL-6.5FP, TL-6.5TE, TL-6.5FP, TL-5.7TE
43GS-1(A), 43GS-1(B), 43GS-1(C), 43GS-1(D)

- SEKIGAHARA SEISAKUSHO LTD /
SH, SFB, SHS, STS, SSS, SFS, SFA, SFC, SFD, SJS, SJR

- FUJIKURA COMPOSITES INC. /
FRL-CR6 / FRL-CR6B / FRL-TCR6 / FRL-TCR6B / FR-F1 / FRL-F2 / FRL-FSIS1

Endorse

APPENDIX I

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

- MANSEI INC.(EX. MANSEI INDUSTRY CO.,LTD.) and
MIURA MACHINE CO.,LTD.(EX. MIURA VIDER CO.,LTD.) /
DAVIT: Series of EBD-,EM-,ABD-,AH-,AT-,AV-,EH-,ET-,EV-,M-,CM- ;
Series of D-FH.,DE-FH.,MFE-,MFH-,SR-,SRE-,R-,S-,RD-,and EHR-.
WINCH: Series of EBW-,ABW-,AW-,EW-,MW-,CMW- ;
Series of 06.,FW-,SW-,RMW-,MLW-,and ERW-.
RELEASE HOOK: Series of RH-
Davits : Series of SP,MVD,GRA and SAR
Winches : Series of BH,BE and BA

- JAPAN MARINE UNITED CORPORATION (IHI CRAFT, IHI AMTEC, IHI Marine United Inc.) /
Gravity and freefall Lifeboat : Series of GF, GT, GTR, GTC, S, G, MU-FN, MU-FF
Gravity and freefall Davit : Series of MUL, MUF
Winch : Series of MUW
Rescue Boat : Series of MU-GJ
Rescue Davit : Series of MUR
Others : JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate

- ORIENTAL INSPECTION AND SERVICE CO., LTD (ORIENTAL PRECISION &amp ; ENGINEERING CO., LTD.) /
* Hinged Gravity Type Davit and Winch
Davit : HGD SERIES, HGK SERIES, SHS SERIES, RTD SERIES, DHA SERIES, DMA SERIES
Winch : BWE SERIES, SWE SERIES, WL SERIES
* Freefall Davit and Winch : FD SERIES, WL SERIES
* Rescue Boat Davit and Winch : RD SERIES, RDW SERIES

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

- BADA HEAVY INDUSTRIES (EX. D.R.M) CO., LTD /
Davit : Series of DRM, DRBD, BDH, BDTD, BDHP, BDTW, BDRW, BDM and BFOD, HDL, BHR, 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

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

- DONGWOO MACHINERY and ENGINEERING CO., LTD. /
Type / Series : DWS Series, LRDS Series, RBDS Series, Hinged Gravity boat Davit and Freefall Davit
Rescue davit and Life raft Davit

- 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
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
Winch : BW-H(L/R) series ; L(L/R) series ; SC series ; YSB/INI/BJM hydraulic winch 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 Xingsheng series, Jimo Changsheng series

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /
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,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,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
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
Boat winch:D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/D65KN/D80KN/ D100KN/D120KN/
DP65KN/DP70KN/DP85KN/DP100KN/DP110KN/DP120 KN/DP138KN/DP150/DP180KN
Rescue boat : YH4.5R/ YH4.5DR/ YH7.5

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No. : HDOLS-0003-25

Hook : HK25/ HK25B/ HK40/ HK40C/ HK65/ SH55/ SH70/ SH85
Handle release hook 15KN, Automatic release hook 21KN/23KN/ 25KN/ 35KN

- JIANGYINSHI BEIHAI LSA CO., LTD. /
BOAT : SERIES OF SC, JYB
HOOK : SERIES OF JYBHK
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

- 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, 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-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, 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, JYL85, JYL105, JYL135
Launching appliance : JYF55, JYF75, 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

- NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD /
Rescue boat : YZ4.5, YZ4.5S, YZ4.5SA, YZ45R, YZ60RA, YZ60RB
Totally Enclosed Life/Rescue Boat : YZ50C, YZ50F, YZ65C, YZ65F, Y265CS, YZ65FS, YZ75C, YZ75F
Free Fall Lifeboat : YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF
Gravity Luffing Arm Davit : YZL-55, L25, L50, L65, L65S, LE85-1
Electrical Lifeboat/liferafts Boat Launching appliances: DS25, DZ25, DS40, DS/Z40, YZD-42S, YZD-42Z, DS58, DZ58, D50S, D50Z, D63S, D63Z
Single arm Rescue boat/liferafts Boat launching appliance : 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 lauching appliance : YZF55, YZF70
RELEASE MECANISM : HK40, HK40B, YZHK40, YZHK40S

- WUXI XINGSHENG GEAR CASE FACTORY /
15kN Rescue Boat Release Hook

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No. : HDOLS-0003-25

21/25 kN Liferaft Automatic Release Hook
35kN Automatic Release Hook for Davit Laonched Liferafts and Rescue Boat

- WUXI MINGZI MACHINERY MANUFACTURING CO.,LTD./
Lifeboat hook release gear : WHK40, WHK65, HK40
Davit-launched rescue boat manually release hook : 15kN
Davit-launched life raft manually release hook : 21-25kN
Liferaft/rescue boat manually/automatically release hook : 31-37kN

- Jiangyin Wolong F.R.P Boat Co.,Ltd. /
Totally Enclosed Lifeboat :
JY50C/F, JY50CA/FA, JY57C/F, JY60C/E/F, JY65C/F, JY70C/F, JY80C/F, JY80CA/FA, JY85C/F, JY85CA/FA, JY85CB/FB, JY93C/F, JY102C/F, JY117C/F
Free Fall Lifeboat : JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF
Rescue boat : JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR, JY65KR, JY75KR, JY85KR
Partially Enclosed Lifeboat : JY70P, JY80P, JY85P
Open Type Lifeboat: JY45KR,JY55K,JY65K,JY70K,JY75K,JY80K,JY85K
Gravity Luffing Arm Type Davit : JY-LE14, JY-LE65, JY-LE85, JY-LE100, JY-LE150
Launching Appliances of Free-fall Lifeboat : JY-FH55, JY-FH70, JY-FH90, JY-FH155
Platform Davit : JY-PL70, JY-PL110, JY-PL150, JY-PL185, JY-PL215
Single Arm Boat / Raft Davit :
JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SAF33S, JY-SR33S, JY-SAF33, JY-HSR23/16, JY-HSR33/23,
JY-FCR2066, JY-FCR2305
Rescue Boat Davit : JY-PLR21, JY-LFR27, JYLRHE18, JY-LRHE30, JY-LRHE70, JY-LFR35, JY-SAP14, JY-SAP30
Gravity overhead rolling type Davit :JY-HE70, JY-HE95, JY-HE120, JY-HE155
Telescopic Boom Type Davit : JY-TBD120, JY-TBD215, JY-TBD35
Hydraulic Luffing Arm Type Davit : JY-GYE70, JY-GYE120, JY-GYE185,
Connecting Rod Type Davit : JY-GL70, JY-GL95, JY-GL120, JY-GL185
Winch :
JY-SAP14, JY-D23Z, JY-D23/16Z, JY-SAFC23, JY-D33/23Z, JY-SAF33, JY-LREH30, JY-PLR21, JY-LFR27, JY-LRHE70,
JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JY-D110S/Z, JY-DW125S, JY-DP110S/Z, JY-DP150/Z, JY-DP185, JY-DP215
Release Mechanism of Lifeboat/Rescue Boat :
HK40,HK40A,HK50B,HK50A,FHK70,HK70,HK115,LB60MR,LB80MR,LB120MR,FHK80,FHK90, LB35MRS,LB70MRS

- VIKING NORSAFE /

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No. : HDOLS-0003-25

RB/FRC/Liferaft Davit : NDA, NDC, NDSC, NRB, NRC
Lifeboat Davit : A, C, D, E, GRA, H, LH, LHD, ND-SPG, NDC-L, SPGL
Winch : NW-NO, NW, NWR
Freefall Davit : H, HD, SW
Freefall Lifeboat : GES
Conventional Lifeboat : 11.5PE, 8.5PE, EVOLUTION, JYN, MAGGIE, MARIA, MATHILDA, MAUD, MAXIMA,
MINA, MINIMA, MIRIAM, MKV, WATERCRAFT 378
Rescue Boat/FRC : GRP1, MAGNUM, MAKO, MATRIX, MERLIN, MIDGET, MOB, RIB-450, RIB-500, WHFRB
Release Gear : 1.6T ON-LOAD/OFF-LOAD, DIB, HK, HRS, K4, NFFH, NLH, RCH, TOR

- FASSMER-MARLAND LTD (ex. Hai Hong Boat Making Co., Ltd. (Guangzhou)) /

Hai Hong Boat Making Co., Ltd.
Lifeboat : HH57C, 57T, 65C, 65T, 70C, 70T
LRRS : HH43

Fassmer-marland Co., Ltd.
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 : FRR6.1ID/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/D60/D68/DH68, SRH70
Freefall davit : FFH49/49D/49W/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, FSAR25W, FSAR21
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, DZA20

- KYORITSU KIKAI CO.,LTD. /
Free Fall Lifeboat Type : Series of LAF
Liferaft/Rescue boat Type : Series of DBZ

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- Jiangyin Neptune Marine Appliance Co., Ltd. /
Totally Enclosed Lifeboats:
NPT50F/C, NPT58F/C, NPT60F/C, NPT75F/C, NPT85F/C, NPT85FD/CD, NPT85FM/CM, NPT95F/C, NPT135F/C, NPT136F/C, NPT150F/C
Free Fall Lifeboats:
NPT49FF, NPT59FF, NPT67FF, NPT75FF, NPT76FF, NPT90FF, NPT107FF, NPT130FF, NPT150FF, NPT160FF,
NPT49FC, NPT59FC, NPT67FC, NPT75FC, NPT76FC, NPT90FC, NPT107FC, NPT130FC
Rescue, Fast Rescue Boats:
NPT40R, NPT40RB, NPT42R, NPT43R, NPT43RA, NPT45RB, NPT45RC, NPT53RA, NPT53RB, NPT55RFA, NPT55RFB, NPT60RA/P, NPT60RB, NPT60RA, NPT70RA, NPT70RB,
Partially Enclosed Lifeboats:
NPT85P, NPT96P, NPT96PS
ON/OFF Load Release Hook:
NPT29HKC, NPT35HKC, NPT63HKC, NPT65HKC, NPT85HKC, NPT105HKC, NPT135HKC, NPT30HK, NPT/HK25R, NPT/HK25F. NPT70HKF, NPT85HKF, NPT105HKF
Free Fall Launching Appliance:
NPT55DF, NPT70DF(4.9M), NPT70DF, NPT85DF, NPT70DF-DW, NPT85DW, NPT100DF, NPT130DF, NPT185DF, NPT230DF
Gravity Luffing Arm Type Davit:
NPT50DL/DW, NPT55DL/NPT48DW, NPT60DL/NPT50DW, NPT60DLA/NPT50DWA, NPT85DL/NPT/DW70, NPT85DLA/NPT/DW70A, NPT90DL/NPT/DW68, NPT138DL/NPT/DW100, NPT170DL/NPT/DW130, NPT205DL/NPT/DW170
Platform Type Davit:
NPT65DP/NPT/DW75, NPT85DP/NPT/DW110, NPT/PL110/NPT/DW110, NPT138DP/NPT/DW138, NPT138DPB/NPT/DW185, NPT185DP/NPT/DW185, NPT205DP/NPT/DW230
Rescue Boat/Raft Davit/Crane:
NPT/BEC2/NPT23DW, NPT15ARH/NPT23HW, NPT30ARH/NPT35HM, NPT18/27DR/NPT18/27DW, NPT23DR/NPT23DW, NPT23DRA/NPT23DWA, NPT23/18DR/NPT23/18DW, NPT25DR/NPT30DWR, NPT25DRM/NPT30DWRM, NPT25DR/P/NPT30DW, NPT26DR, NPT30DR/NPT30DW, NPT35DR/NPT40DW, NPT36DR/NPT35DWA, NPT30DP/NPT35DW(ABS)/NPT30DW(DNV), NPT30DPY/NPT30DWY, NPT30AD/NPT30AD-DW/NPT30DRE/NPT30DW
Pivoting Luffing Gravity Davit:
NPT65DTL/NPT50DW, NPT90DTL/NPT/DW68, NPT110DTL/NPT/DW98, NPT150DTL/NPT/DW130A
Hydraulic Gravity Type Davit:
NPT90DYL/NPT52DW, NPT150DYL/NPT/DW100, NPT160DYL/NPT/DW83, NPT161DYL/NPT/DWA83, NPT185DYL/NPT/DWA98, NPT206DYL/NPT/DWA98

- NINGBO NEW MARINE LIFESAVING EQUIPMENT CO., LTD /

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Rescue boat &amp ; Fast rescue boat: NM43R(A), NM45R, NM45RB, NM60R
Total Enclosed Life/Rescue Boat: NML50C, NM50C/F, NM57C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F, NM117C/F
Free Fall Lifeboat: NM59FC/FF, NM67FC/FF
Single Arm Rescue Boat (Raft) Davit (Crane): NMSD14KN, NM(S)D23KN, NM(S)D25KN, NMC25, NMC30, NMSD33KN
Rescue Boat Launching Appliance: NMAR30(-1), NMAR60, NM30
Gravity Luffing Arm Davit: NMD25KN, NMD40KN, NMD45KN, 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
Hydraulic Telescopic Davit: HTA70, HTA120
Electric Lifeboat/Rescue Boat Winch: NMW42L/R, NMW50L/R, D63S/Z, D80S/Z

- WUXI WENJIAO G.F.R.P FACTORY /
Totally Enclosed Life/Rescue Boat : WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C
Free Fall Lifeboat : WJ525FC, WJ59FF, WJ59FC, WJ67FF, WJ67FC
Rescue Boats : WJ40R, WJ45KR, WJ45DB, WJ45Db, WJ45D3, WJ45D, WJJZ45, WJ55D, WJ60RA, WJ60RB
Lifeboat(Open type) : WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85
Release Hook : WJHK40, WJ30HK, WJHK55, WJ63HKC, WJ67HK, WJ40

- ZHEJIANG NORSIER LIFESAVING EQUIPMENT TECHNOLOGY CO., LTD. /
Lifeboats /rescue boats: NYF&amp ; NYC series, NYPF &amp ; NYPC series, NYZ series
Davits: NLB series, NSA series, NHCD series, SRH series, NFH series
Winches : N series
Release mechanism: NHK series

- Henriksen /
Hooks : HH001

- PANFINGER MARINE /
* Palfinger as Manufacturer has taken legal and legitimate responsibilities for the following equipment ; ACTA / Mulder &amp ; Rijke / Schat Davits / Beiyang Boatbuilding Co / Ned-Deck Marine / Schat-Davit Company / Bjorke Batbyggeri / Neptune / Schat-Harding / Davit Company / Noreq / Schat London / Edgewater Machine &amp ; Fabricators / Palfinger / Schat-Watercraft / Fiskars / Palfinger Ned-Deck / SEC Davits / Harding / Palfinger Marine / Umoe-Schat Harding / LAR Launch and Rescue / Palfinger Neptune / Viking Marine / Maseco / RSQ / Watercraft / Mills / Schat / Waterman

Endorse

APPENDIX I

No. : HDOLS-0003-25

ACTA / KNT,DC,DR,HSC,MOB-B,MOB-L
Beiyang_Boatbuilding / RB/HRB,TECB,LH
Edgewater_Machine_and_Fabricators / DEW,FRD,GDP,GEHL,GP,RTD,SAH,SAR
Fast_RSQ / FRSQ,PB,RSQ
Harding_Safety_AS / ARH,BW,CCW,CRV,CTL,CW,FAD,FF,RRB/
FRB,JX-1,2,3,4,5,JYF,JYFW,JYHG,JYL,JYLR,JYP,JYR,JYW,KH,KISS,LA,LAR,LBF,LBP,LBT,LHR,MCB,ML,MOB,MPC,NPD,NPDL,NPDS,NPDW,NRD,NRDS,NTD,NTDS,NW,PD,RA,RRH,Stinger,VIP
MASECO / 08,20/22/24/26/28/30,H/M/G,B,FR,GPD,GR,R H,S,SPD,SPR,USW,W H
Mulder_Rijke / PELB,PERB,PTL,TELB
Ned_Deck_Marine / 04-03/04-04,15-01/02/03/40,BWF,CAR,FPG,FPR,GRT/GT,HOTT,HPLG,HWCT,LPLG,PBR,PFH,PLG,PRH,PRHE,PRHH,SCD,SCH,SCHD,SCHF,SCM,SCMF,SFD,SP,SWTC,TOC
Noreq / LBF C/T,LBT C/T,NPDT,NRW
Palfinger_Marine / 15-01/02/03/06,HCT,ARB,FPR-H,SCMLP,SCMT,SCR
Palfinger_Marine_Boats_SEE palfinger Marine / RSQ/FRSQ
Schat_Harding_AS / 0-13,1-13,2-22,2-38,MS,BHY,BO,EW PL,FF48,FL,FM/FME,FR.P.SP,H-80/86,H-86M FF,HD/
HDW,HPL,HRD,MC,MCA,MCD,MCF,MCH,MCM,MCO,MCR,NDP,NT,PAR,Patent,RSD,RT,SPLC,SPMOB,SRR,UDR,UDSP
Schat_Harding_BV / 08 EC,08 EM,08
HY,0-22,0-38,08-40,1-38,16,22,24,2-58,3-13,3-22,3-38,3-58,3-70,38,Bridge,DDP,FDA,FDAR,FFDA,FFDP,FFLS,FFND,FFNT,FFSS,HFFS,HHA,HP,LT,MP,ND,NTP,SAHL,SAHP,SAP,SAT,SDAL,SDAR,SHD,SPHC,SRL,ST,STP,UDS(H),UFDA,VEHCL
Schat_Harding_GmbH / FFD,HF,LD,ORD,GH
Schat_Harding_Ltd / WFF,PE,CR,FM,MK I - MK V,Open A-X,Atlas,MHW,Empress,Titan,TitanFF,MRT/MRD,PROD,Spartan,TMW,WAR,WOD,WP,WRG
Schat_Harding_USA_Inc / GD,MKIV/MKV,EL,FME,GAN,GP/GPD,HAS,MIR
SEC_Davits / ES,HT,OF,Suez,WL
Waterman / Open,Tender,HRL,Deveser,F A/B-type

-Vanguarde Pte. Ltd. /
LIFEBOAT &amp ; RESCUE BOAT : VG,VG-FF/FC,KR,DB,DRS,DR4,HLB,HLBLR,FRK,FRW
HOOK(LRRS) : C-SAFE,SPEARHEAD,HK,SHF
DAVIT : LVD,PL,A,PLR,SRH,LR,VA,VAE,VAH,VL,VL-G,VS,VF,HSD
WINCH : DW/D,DW/S,SLR,DWP,HW,PRH,VWL,VW/S,VW/Z

- SANGSANGIN INDUSTRY 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)

Endorse

APPENDIX I

No. : HDOLS-0003-25

SINGLE ARM TYPE (DLRD,DRLD,DSAD,PV combined,DCHH,DPR,DNR,DRBD,DSAC,BSNKJ)
FREEFALL TYPE (FF, HDF)

- SHIN MYUNG 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 :
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 : GJ618A / GJ618B
Release Gear Series : HH76 / HH43 / HH30 / HH20

- ZHENJIANG 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, SRH, LB, KN
Winch Series : DZB, D, DW

- ZHENJIANG WEST MARINE EQUIPMENT CO., LTD /
Gravity Luffing Arm Davit : MGD 185
Rescue Boats/liferafts Launching Appliances : SAD14 / SAD23M / SAD20 / SAD30
Electrical Boat Winch : WME-SAD14 / SAD23M / SAD20 / SAD30 / DS/Z110
Rescue Boats Launching Appliances : LR30 / LRH30 / LRH35 / LRH75

- 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 : ZJM49FC, ZJM49FF, ZJM59FC, ZJM59FF, ZJM66FC, ZJM66FF
Davit : SA21,SA23,SA30,FR21,FR30,L40,L57,L67,L90,PA65,PA85,FH70,FH90
Platform type davit : PL65, PL50

Endorse

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No. : HDOLS-0003-25

- WUXI HUAHAI MARINE EQUIPMENT FACTORY /
Gravity Luffing Arm Davit : HML60, HML85, HMD60
Freefall Lifeboat Launching Appliance : HMD55F, HMD70F
Rescue boats/ liferafts launching appliances : 21KN manual, 21KN electrical, 25KN electrical, 21KN electrical hydraulic, 25KN electrical hydraulic, 32KN electrical hydraulic
Electrical Boat Winch : HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185
Rescue Boats Launching Appliances : HMD14A, HMD30A, HMD30A2

Reference

Endorse

APPENDIX I

No. : HDOLS-0003-25

Reference

Endorse

APPENDIX I

No. : HDOLS-0003-25

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference