



CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0086-23

This is to certify that

DOLPHIN MARINE FREEZONE

Address : Land Building No.3, Block G, Adabiya Free Zone, Suez, 43511, Egypt

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 **2026.11.21**

Issued at **Busan** on **2023.11.24**

See the appendix for details regarding manufacturer authorizations, etc



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No.(ME24000285247) and certificate No.(HDOLS008623).



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-0086-23

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 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).

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

- 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 : MUL, MUF
WINCH : Series of MUW
RESCUE BOAT : MU-GJ
RESCUE DAVIT : MUR
Others (JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate)

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

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

- BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD. /
Lifeboat Total enclosed : BH5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7,8,9,10series
Lifeboat 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,R6,R7
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 Platform : BD-PL75,125,160,180
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,BG-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

- Jiangsu Jiaoyan Marine Equipment Co., Ltd. (ex. Jiangyin Xinjiang F.R.P. Co., Ltd.) /



Endorse



APPENDIX I

No. : HDOLS-0086-23

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
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

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

- 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

- 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,JY102/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 APPLIANCE 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-SR33S, JY-SAF33,
JY-HSR23/16, JY-HSR33/23, JY-FCR2066, JY-FCR2305 ;
RESCUE BOAT DAVIT: JY-PLR21, JY-LFR27, JY-LRHE30, JY-LRHE70, JY-LFR35, JY-SAP14, JY-SAP30
;



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GRAVITY OVERHEAD ROLLING TYPE DAVIT: JY-HE70, JY-HE95, JY-HE120, JY-HE155 ;
TELESCOPIC BOOM TYPE DAVIT: JY-TBD 120, JY-TBD 215, 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-LRHE30,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, LB35MR
S, LB70MRS

- ZHEJIANG HENGXIN SHIP EQUIPMENT 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

- 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

- MANSEI INC.(EX. MANSEI INDUSTRY 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 O6.,FW-,SW-,RMW-MLW-,and ERW-.
RELEASE HOOK: Series of RH-

- MIURA MACHINE CO.,LTD.(EX. MIURA VIDER CO.,LTD.) /
Davits : Series of SP,MVD,GRA and SAR
Winches : Series of BH,BE and BA

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



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APPENDIX I

No. : HDOLS-0086-23

DAVIT launched totally enclosed Lifeboat: 26C/26T/32C/32T/38C/38T/GMR 6.5/GMR6.5/GMR-T6.5/
GMR 7.4/GMR-T7.4/HH57C/HH57T/HH65C/HH70C/HH70T/CLR-C5.9/CLR-T5.9
Freefall lifeboat: GAR6.7/GAR-T6.7/GAR7.4/GAR-T7.4/CFL-C49(E) /CFL-T49(E) /CFL-C66(E) /CFL-T66
(E) /CFL-C72(E) /CFL-T72(E) /CFL-C77(E) /CFL-T77(E) /CFL-C83(E) /CFL-T83(E)
RESCUE BOATS/FAST RESCUE BOATS: RR4.2/RR4.2-M/RR4.2-M/RRH4.2/RR4.2 ID/FRR6.1 ID/
FRR6.2 ID
ON LOADRELEASE GEAR/ LIFEBOAT RELEASE & RETRIEVAL SYSTEM: DUPEX 2.5/DUPLEX 2.5E/
DUPLEX 25 E2/DUPLEX 5.0/DUPLEX 5.0 E/DUPLEX 50 E2/HH43 (Hai Hong Type)/
DAVITS / CRANES: FPD-D60/FPD-D68/FPD-DH68/SRH70/FFH49/FF49D/FFH66/FFH66D/FFH72/
FFH77/FFH83/FLR 49/FLR 66/FLR 72/ FSAR 14/3.5HS/FSARR 14/3.5HS/FSAR4.0/3.5HS/FSAR 21/
4.0HS/FSARR 21/4.0HS/ FSARR 21/4.0HS /FSARR 22/4.0HS/FMAH 22KN/FSAR 25
WINCHES: DEW 15-24/DEW 15-35/DEW15-44/D52L/D52R/DW34S/DW34Z/MW50/MW50C for
davitFPD-D60/FW35/DEW 150/DEW 450/ RZ25

- ORIENTAL INSPECTION AND SERVICE 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(ex. Hyundai Lifeboats) Co., Ltd. /

Lifeboat & Rescue Boat : Series of HD, HT, HDL, HLB ; HDF, HDFL, HDFN:HDR & HDFR

Release Mechanism : Series of THP, Talon & Talon II

- BADA Heavy Industries(ex. D.R.M)Co., Ltd. /

Davit: Series of DRM, BDH, BDTD, BDHP, BDTW, BDRW, BDM and BFOD

Series of FF, HDFL, HDF, BDF ; BDR, BDH, BDA, BDFA ; BDL, BDR, BLR & BHI

Winch: Series of DRM, DRBW, BAW, BDF, BHI, BLR, BLW, BMW, BRW, BWL, BWR & FHW

Release Mechanism: Series of BDR, BHA & BHR

- HATECKE GmbH /

LIFEBOAT: GFF,GSAR,GSL

RESUCBOAT: RB Series

RELEASE GEAR: Duplex<gt, GFF-R,SIMPLEX,ARH

LAUNCHING APPLIANCES: FFA,FFA LP,FFB, Gsp.FLH,Gsp.O,GspFP,W07,W10,W26

- NISHI-F CO., LTD. (Include Nishi Co., Ltd., Nishi-Nippon F.R.P. Co., Ltd.(Previous name) and Ishihara
Dockyard Co., Ltd.(Transferred)) /

G Series : G-48ATR, G-54ATR, G-63ATR, G-65BTR, G-73DTR, G-80CTR, G-90BTR, G-54AFR,G-63AFR,



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No. : HDOLS-0086-23

G-65BFR, G-73DFR, G-80CFR, G-73, G-50DR

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, F-43B, NF-73, NF-75

Release Gear: IHM series: IHM-12, IHM-12B, IHM-13 ; NS series: NS-2.5, NS-3, NS-5 ; SR series: SR-1, SR-3, SRS-37, SR-4, SR-6

- WUXI HUAHAI MARINE EQUIPMENT FACTORY /

Gravity Luffing Arm Davit : HML60, HML85

Free-fall 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

- FASSMER SERVICE GMBH AND CO. KG /

Davit launched totally enclosed lifeboat :

GMR 5.9/6.5/7.4/8.3, TGMR 5.9/6.5/7.4/8.3, CLR-C 5.9/6.4/6.8/7.2/7.6/8.1/8.5,

CLR-T 5.9/6.4/6.8/7.2/7.6/8.1/8.5,

CL-C 8.9/9.4/9.8/10.2/10.7/11.1/11.5/11.9/12.4/12.8/13.2,

CL-T 8.9/9.4/9.8/10.2/10.7/11.1/11.5/11.9/12.4/12.8/13.2,

CLX 8.5/10.0/11.7/12.8

Freefall Lifeboat :

CFL 4.9/-T4.9, GAR6.0/-T6.0/6.8/-T6.8/6.7/-T6.7/7.4/-T7.4/8.1/-T8.1/7.7/-T7.7/8.5/-T8.5, CFL-C66/72/77/83, CFL-T66/72/77/83

Partially enclosed Lifeboats :

CL-P 5.9/6.4/6.8/7.2/7.6/8.1/8.5/8.9/9.4/9.8/10.2/10.7/11.1/11.5/11.9/12.4/12.8/13.2, SEL8.15/8.8/9.6/10.5/10.55/11.80/12.5/15.75, SEL-R 8.15, SEL-T 10.75

Partially enclosed Lifeboats - Tenderboat :

TL Limo 1100, SEL-T 11.0/11.7/12.3/14.0/14.7/15.75, PLL 1099, PLT-EVO 170

Partially enclosed lifeboats, Tenderboat and rescue boat : SEL-RT 7.7/7.5/8.5

Partially enclosed Life-and Crew Tenderboat : SEL 11.0 (-T)

Partially enclosed Life-/Rescue-/Work-/Tenderboat : SEL-R 7.4/8.5

High-performance tender : SFB 10.1

Rigid Rescue boat : RR 4.2/4.2-M/4.5ID

Rescue boat : RIR 625ID

Fast Rigid Rescue boat :

FR (I)R6.1/6.1ID, FRR 6.2 ID/6.5ID-SF/6.6ID/7.0ID-SF/7.0, FRIR 6.25

Freefall Lifeboat Release Mechanism : FFRU 6.6

Offload rescue boat hook : FOH 27/30/70



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No. : HDOLS-0086-23

On load release gear :

Duplex 25E2/2.5E/50E2/5.0E/60E2/6.6E/10E/140E2/14E/17E/180E2/230E2/23E

Fassmer Hydraulic Davit : FHD 80/100/120/130/150/170/172/280/450

Hinged Davit : FHDY 100

Freefall Davit : FFH 45/65

Pivot davit : FPD 55/60/100/80/120/150/170/FFD D60

Freefall Davit : FFH 49/50/60/66/70/72/75/77/80/83/85/90

Freefall ramp : FLR49/66/8005/8006/8007

Multi Pivot Davit : FMPD 100/130/150/160

Outrigger davit :

FOD 100/120/130/150/170/190/40R/50/55/80/LBC 300/SAR40/-R22/-R23/-R25/-R40/TC450

Rescue Boat Davit : FOSV 71, FSAH 22

Rescue Boat Crane: FSAH 28/32, FSAR12/14/21/22/28/40, FSARR 14/3.5, FSARR 21/3.8, FSARR21/4.0, FSARR21/4.3, FSARR22/4.0

FRC crane : PRHE 30

Fassmer Winch : DEW 40/85/2000

Fassmer Winch/rescue boat crane : DEW 8, FWD 40RB, DEW150

Fassmer Freefall Winch : FFWH

- d-i (davit international-hische GmbH, Hische GmbH, davit international GmbH, davit international BV) /

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

Palfinger / Liferaft/Rescue boat hook : ARH and CAR series

T-ISS / Liferaft/Rescue boat hook : PX series

- SANGSANGIN INDUSTRY CO.,LTD(EX.DONGNAM MARINE CRANE CO.,LTD) /

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)



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No. : HDOLS-0086-23

SINGLE ARM TYPE(DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ)
FREEFALL TYPE DAVIT(FF, HDF)
DSAM 11 - E2Mo

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /

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,SH70,SH85

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 :

SAF14,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

Fastrescue boat davit:

LFR30,LFR350,LFR55,LFRH30,LEFR50,LFRH60,DH30,SAWH30,SAWH45,SAWH60

- 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/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

- WUXI SHENGOU MARINE EQUIPMENT CO., LTD. /

Gravity Luffing Arm Davit: SMD50/SMD55/SMD60/SMD70/SMD80/SMD100/SMD120

Rescue Boats / Liferafts Launching Appliances: 21KN manual,21KN electrical,25KN electrical,21KN



Endorse



APPENDIX I

No. : HDOLS-0086-23

electrical/hydraulic,25KN electrical/hydraulic,32KN electrical/hydraulic
Electrical Boat Winch: SMW21/SMW25/SMW50/SMW75/SMW100/SMW110 HMW140

- PANFINGER MARINE /

* Palfinger as Manufacturer has taken legal and legitimate responsibilities for the following equipment ;
ACTA / Mulder & Rijke / Schat Davits / Beiyang Boatbuilding Co / Ned-Deck Marine / Schat-Davit
Company / BJORKE Batbyggeri / Neptune / Schat-Harding / Davit Company / Noreq / Schat London /
Edgewater Machine & 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

ACTA / KNT,DC,DR,HSC,MOB-B,MOB-L

Beiyang_Boatbuilding / RB/HRB,TECB,LH

Edgewater_Machine_and_Fabricators / DEW,FRD,GDR,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,M
L,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,HW
CT,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,S
RR,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,HHH,HP,LT,MP,ND,NTP,SAHL,SAHP,SAP,SAT,SDAL,SDAR,SHD,SPHC,S
RL,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



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APPENDIX I

No. : HDOLS-0086-23



Endorse



APPENDIX I

No. : HDOLS-0086-23

Company :
Address :
Tel :
Fax :
E-mail :
Country :
City :
KR-Branch :