# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

**No. : HDOLS-0001-24**

This is to certify that

**SHM SHIPCARE PVT LTD**

Address : BPT Plot no 51B, Ground Floor, Magazine Street, Darukhana, Mazgaon. Mumbai-400010, INDIA

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 **2026.10.07**

Issued at **Busan** on **2025.07.28**

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-0001-24**

A) This certificate applies to the following agents/subsidiaries of SHM SHIPCARE PVT LTD
- (Appendix I)

B) 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).

- Iknow Machinery Co. Ltd /
DAVIT ; H,T,TC
WINCH: EB,TC OAP

- Sekigahara Seisakusho Ltd /
DAVIT &amp ; WINCH: SH, SFB, SHS, STS, SSS, SFS, SFA, SFC, SFD, SJS, SJR,SNW,SWE

- Japan Marine United Corporation /
GRAVITY &amp ; FREE FALL LIFE BOAT: Series of GF,GT,GTR,GTC,S,G,MU-FN,MU-FF
GRAVITY &amp ; FREE FALL 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 approved certificate

- Hoei Senpaku Co. Ltd /
LIFEBOAT AND RELEASE GEAR: HS650,HS650F, HS520,HS520F,SO,SM,FO,FM

- Shigi Shipbuilding Co.Ltd /
LIFEBOAT,RESCUE BOAT &amp ; RELEASE GEAR: SZ SERIES, FEL SERIES, VOX SERIES, GARS SERIES, OPEN TYPE.

- Nishi-F Co. Ltd/Ishihara /
LIFEBOAT,RESCUE BOAT AND RELEASE GEAR: G- SERIES,ML-SERIES,F-SERIES

- Oriental Inspection &amp ; Service co.Ltd(Oriental Precision &amp ; Engineering Co., Ltd) /
* HINGED GRAVITY TYPE DAVIT &amp ; WINCH: HGD SERIES, HGK SERIES,SHS SERIES, RTD SERIES, DHA SERIES, DMA SERIES,
WINCH: BWE SERIES, SWE SERIES, WL SERIES

**Endorse**

# APPENDIX I

**No. : HDOLS-0001-24**

* FREE FALL DAVIT &amp ; WINCH: FD SERIES, WL SERIES
* RESCUE / LIFRAFT DAVIT &amp ; WINCH: RD SERIES, RDW SERIES

- Zhenjiang Marine Auxiliary Machinery Co Ltd /
Davit-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/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SAWH45/SAWH60
Winch: D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/D65KN/D80KN/D100KN/D120KN/DP65KN/DP85KN/DP100KN/DP110KN/DP120KN/DP138KN/DP150/DP180KN
Boat- Totally Inclosed 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

- Viking Life Saving Equipment(Viking Norsafe (Jiangyin Jorgensen), Viking Watercraft Hellas) /
RB/FRC/Liferaft Davit : NDA,NDC,NDSC,NRB,NRC
Lifeboat Davi t: A,C,D,E,GRA,H,ND-SPG,NDC-L,SPGL
Winch: NW,NWR
Freefall Davit-H,HD,SW
Freefall Lifeboat- GES
Conventional Lifeboat- 11.5 PE,8.5
PE,Evolution,JYN,Maggie,Maria,Mathilda,Maud,Maxima,Mina,Minima,Miriam,MKV,Watercraft 378
Rescue Boat/FRC -GRP1,Magnum,Mako,Matrix.Merlin,METIS,Midget,MOB,RIB-450,RIB-500,WHFRB
Release Gear- 1.6T on-load/off-load,HK,HRS,K4,NFFH,NLH,RCH,TOR

- Fassmer Service GmbH &amp ; Co.KG /
Davit launched totally enclosed Lifeboats: GMR 5.9,TGMR 5.9,GMR 6.5,TGMR 6.5,GMR 7.4,TGMR 7.4,GMR 8.3,TGMR 8.3,CLR-C 5.9,CLR-T 5.9,CLR-C 6.4,CLR-T 6.4,CLR-C 6.8,CLR-T 6.8,CLR-C 7.2,CLR-T 7.2,CLR-C 7.6,CLR-T 7.6,CLR-C 8.1,CLR-T 8.1,CLR-C 8.5,CLR-T 8.5,CL-C 8.9,CL-T 8.9,CL-C 9.4,CL-T 9.4,CL-C 9.8,CL-T 9.8,CL-C 10.2,CL-T 10.2,CL-C 10.7,CL-T 10.7,CL-C 11.1,CL-T 11.1,CL-C

**Endorse**

11.5,CL-T 11.5,CL-C 11.9,CL-T 11.9,CL-C 12.4,CL-T 12.4,CL-C 12.8,CL-T 12.8,CL-C 13.2,CL-T 13.2,CLX (R) 8.5,CLX 10.0,CLX 11.7,CLX 12.8
Freefall Lifeboat: CFL 4.9,CFL-T 4.9,GAR 6.0,GAR-T 6.0,GAR 6.8,GAR-T 6.8,GAR 6.7,GAR-T 6.7,GAR 7.4,GAR-T 7.4,GAR 8.1,GAR-T 8.1,GAR 7.7,GAR-T 7.7,GAR 8.5,GAR-T 8.5,CFL-C 66,CFL-T 66,CFL-C 72,CFL-T 72,CFL-C 77,CFL-T 77,CFL-C 83,CFL-T 83
Partially enclosed Lifeboats: CL-P 5.9,CL-P 6.4,CL-P 6.8,CL-P 7.2,CL-P 7.6,CL-P 8.1,CL-P 8.5,CL-P 8.9,CL-P 9.4,CL-P 9.8,CL-P 10.2,CL-P 10.7,CL-P 11.1,CL-P 11.5,CL-P 11.9,CL-P 12.4,CL-P 12.8, CL-P 13.2,SEL 8.15,SEL 8.8, SEL 9.6,SEL 10.5, SEL 10.55,SEL 11.80,SEL 12.5,SEL-R 8.15,SEL 15.75,SEL-T 10.75
Partially enclosed Lifeboats - Tenderboats: TL Limo 1100,SEL-T 11.0,SEL-T 11.7,SEL-T 12.3,SEL-T 14.0,SEL-T 14.7,SEL-T 15.75,PLL 1099,PLT-EVO 170
Partially enclosed Lifeboats ,Tenderboat, Rescue baot : SEL-RT 7.7, SEL-RT 7.5,SEL-RT 8.5
Partially enclosed Life- and Crew Tenderboats :SEL 11.0 (-T)
Partially enclosed Life-/Rescue-/Work-/Tender-Boats : SEL-R 7.4,SEL-R 8.5
Rigid Rescueboat-: RR 4.2,RR 4.2-M,RR 4.5 ID
Rescueboat : RIR 625 ID
Fast Rigid Rescueboat :FR (I)R 6.1,FR (I)R 6.1 ID,FRR 6.2 ID,FRR 6.5 ID-SF,FRR 6.6 ID,FRR 7.0 ID-SF,FRIR 6.25,FRR 7.0
NAVY RHIB :SFB 10.1
Freefall Lifeboat Release Mechanism: FFRU 6.6
Offload rescue boat hook: FOH 27,FOH 30,FOH 70
onload release gear:Duplex 25E2,Duplex 2.5E,2.5T,Duplex 50E2,Duplex 5.0E,5.0T,Duplex 60E2,Duplex 6.6E,Duplex 10E,10T,Duplex 140E2,Duplex 14E,14T,Duplex 17E,17T,Duplex 180E2,Duplex 230E2,Duplex 23E,23T
Fassmer Hydraulic Davit :FHD 80,FHD 100,FHD 120,FHD 130,FHD 150,FHD 170,FHD 172,FHD 280,FHD 450
Hinged Davit: FHDY 100
Freefall Davit : FFH 45,FFH 65
Pivot Davit :FPD 55,FPD 60,FPD 100,FPD 80,FPD 120,FPD 150,FPD 170,FFD D60
Freefall Davit : FFH 49,FFH 50,FFH 60,FFH 66,FFH 70,FFH 72,FFH 75,FFH 77,FFH 80,FFH 83,FFH 85,FFH 90
Freefall Ramp : FLR 49,FLR 66,FLR 8005,FLR 8006,FLR 8007
Multi Pivot Davit : FMPD 100,FMPD 130,FMPD 150,FMPD 160
Outrigger davit :FOD 100,FOD 120,FOD 130,FOD 150,FOD 170,FOD 190,FOD 40R,FOD 50,FOD 55,FOD 80,FOD LBC 300,FOD SAR 40,FOD-R 22,FOD-R 23,FOD-R 25,FOD-R 40,FOD TC 450
Rescue Boat Davit : FOSV 71,FSAH 22
Rescue Boat Crane : FSAH 28,FSAH 32,FSAR 12/3.5,FSAR 14/2.9,FSAR 14/3.5,FSAR 21/4.0,FSAR 21/4.5,FSAR 22/4.5,FSAR 28,FSAR 40
Rescue Boat / Liferaft Crane : FSARR 14/3.5,FSARR 21/3.8,FSARR 21/4.0,FSARR 21/4.3,FSARR 22/4.0
FRC crane : PRHE 30

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**No. : HDOLS-0001-24**

Fassmer Winch : DEW 40, DEW 85,DEW 2000
Fassmer Winch/ rescue boat crane :DEW 8,FWD 40 RB,DEW 150
Fassmer Freefall Winch:FFWH

- Global Davit /
* Launching &amp ; recovery appliances for single point suspended life-saving crafts
Type Code: X1X2X3.x4-x6 (Example :Fhs.R.L.S 40/1,3-6,0-14/3,225 ) (Rhs.L.(11)15,2/3.5) where X1 = F/L/R,X2 = g/h/m,X3 = p/s/t,x4-x6(options) = L/R/S
* Launching &amp ; recovery appliances for double point suspended lifesaving crafts
Type Code : X1xx2XX3.x4 (Example : Gsp.TTh.250/4.0) where X1 = G,xx2 = sp/lp,XX3 = FP/FL/MP/TT,x4 = h
* Winches for launching &amp ; recovery of lifesaving appliances
Type Code : X1,NN1,X2.NN2.NN3 (Example :W10L.01.08,W02M.30.0.1 where X1 = W,X2 = HC,L,R,M,E
* Release gears for liferaft and/or rescue boat handling : HRN.12,HRN.28,HRL.26

- Hatecke /
(Fast)Rescue Boat : RB AB, RB AB Duplex, RB AB FH, RB IB, RB/FRB AB FH
Launching Appliance:FFA, FFA LP, FFB, Gsp.O, GspFP, Gsp.FLH, W07, W10, W26
Lifeboat : GFF, GFF-T, GSAR, GSL, GSL-T
Release Gear :Duplex 2.6,Duplex 3.0,Duplex 3.5,Duplex 4.3 / 4.6,Duplex 6.0,GFF-R-10,GFF-R-11,GFF-R-8,RAFTI 2.5,Simplex 2.0 Off-Load,Simplex 2.0 to Simplex 2.0i,Simplex 3.0,Simplex 4,3,Simplex 6.0

- Davit International /
Crane for freefall boat :C-F Series,C-S Series
Free fall davit: D-F Series, D-TF Series,D-FH/FG Series
roller track davit:D-RT Series
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,HS Series(Sezamor)
liferaft/rescue boat hook: ARH and CAR Series (Palfinger) ,PX Series(T-ISS)
crane for freefall davit: C-L Series
fast rescue boat davit : D-CRm.FR.series, D-CRm.MOR series,D-CRm.R.FR Series,D-NPS.FR.series
lifeboat davit: D-WP series,D-FP series,D-ND series
lifeboat or rescue boat davit : D-TT series
rescueboat davit: D-RTT Series

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# APPENDIX I

**No. : HDOLS-0001-24**

- Jiangyin Wolong FRP Boat Co., Ltd /
LIFEBOAT &amp ; RESCUE-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
DAVIT &amp ; WINCH-GRAVITY LUFFING ARM TYPE DAVIT -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
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-DP 150/Z, JY-DP185,JY-DP215
RELEASE MECHANISHM OF LIFE BOAT/RESCUE BOAT
HK40,HK40A,HK50B,HK50A,HK70,FHK70,HK115,LB60MR,LB80MR,LB120MR,FHK80,FHK90,LB35,MRS,LB70,MRS

- Palfinger (Groups - Acta, Beiyanag BoatBuilding,Bjorke Batbyggeri Davit Company, Edgewater Machine &amp ; Fabricators, Fiskars, Harding , LAR Launch &amp ; Rescue , Maseco , Mills, Mulder&amp ; RIJKE, Ned Deck Marine , Neptune , Noreq, Palfinger, Palfinger Ned Deck , Palfinger Marine , Palfinger Neptune , RSQ, Schat, Schat Davits, Schat Davit Company, Schat-Harding , Schat London, Schat -Watercraft,Sec Davit, SEC Davit , Viking Marine , Watercraft
Umoe-Schat Harding, ,Viking Marine ,Watercraft,Waterman) /

* Survival Crafts:
BEIYANG BOATBUILDING CO - RB/HRB,TECB
FAST RSQ - FRSQ,PB,RSQ
HARDING SAFETY AS-FRSQ,PB,RSQ,CRV,CTL,FF,RRB/
FRB,JYF,KISS,LBF,LBP,LBT,MCB,ML,MPC,STINGER
MULDER-RIJKE-PELB,PERB,PTL,TELB

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NOREQ - LBF C/T,LBT C/T
PALFINGER MARINE-CTL,FF,FRSQ,KISS,LBF,LBP,LBT,MPC,Stinger,RB/FRB,RSQ,TECB,RSQ/FRSQ
SCHAT-HARDING AS (BJORKE BATBYGGERI,HARDING AS)
-MS,MC,MCA,MCD,MCF,MCH,MCM,MCO,MCR,TECB
SCHAT HARDING CHINA- RB/FRB,TECB,FF,KISS,STINGER
SCHAT-HARDING LTD-WFF,PE,CR,FM,MK 1-MK V,OPEN A-X,MHW
SCHAT-HARDING USA INC-MKIV/MKV,EL
WATERMAN-OPEN,TENDER,HRL
* Davit:
ACTA-DAVITS-DC,DR,MOB-B,MOB-L,
EDGEWATER MACHINE &amp ; FABRICATORS-DAVITS-FRD,GDP,GP,RTD,SAH,SAR
HARDING SAFETY
AS-BW,FAD,JYHG,JYL,JYLR,JYP,JYR,LA,LAR,MOB,NPD,NPDL,NPDS,NPDW,NRD,NRDS,NTD,NTDS,PD,RA,VIP
MASECO-20/22/24/26/28/30,B,FR,GPD,GR,S,SPD,SPR
NED DECK MARINE-FPG,FPR,GRT/
GT,HOTT,HPLG,LPLG,PBR,PFH,PLG,PRH,PRHE,PRHH,SCD,SCH,SCHD,SCHF,SCM,SCMF,SFD,SP,SWTC,TOC
NOREQ-NPDT
PALFINGER MARINE-HCT,FPR-H,PBR,SCMLP,SCMT,SCR
SCHAT-HARDING AS(BJORKE BATBYGGERI,HARDING AS)-FL,FR.P,SP,HD/
HDW,HPL,HRD,NDP,NT,PAR,SPLC,SPMOB,SRR,UDR,UDSP
SCHAT-HARDING
BV-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
SCHAT-HARDING LTD-MRT/MRD,WOD,WP,WRG
SCHAT-HARDING USA INC - GD,GAN,GP/GPD,HAS,MIR
SEC DAVITS-HT,OF,SUEZ
* CRANES:
HSC(ACTA)
* Winch:
ACTA-KNT
EDGEWATER MACHINE &amp ; FABRICATORS-DEW,GEHL
HARDING SAFETY AS-CCW,CW,JYFW,JYW,NW
MASECO-08,H/M/G,RH,USW,WH
NED DECK MARINE-04-03/04-04,15-01/02/03/40,BWF,HW CT
NOREQ-NRW
PALFINGER MARINE-15-01/02/03/06
SCHAT-HARDING AS(BJORKE BATBYGGERI,HARDING AS)-0-13,01-13,2-22,2-38,BHY,BO,EW,PL,FM/

**Endorse**

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**No. : HDOLS-0001-24**

FME,RSD,RT
SCHAT-HARDING BV-08 EC,08
EM,08HY,0-22,0-38,08-40,1-38,16,22,24,2-58,3-13,3-22,3-38,3-58,3-70,38
SCHAT-HARDING GMBH-GH
SCHAT-HARDING LTD-TMW,WAR
SCHAT-HARDING USA INC-FME
SEC DAVITS-ES,WL
* Release Gear:
BEIYANG BOATBUILDING CO-LH
HARDING SAFETY AS- ARH,JX-1/2/3/4/5,KH,LHR,RRH
NED DECK MARINE-CAR
PALFINGER MARINE-ARB
SCHAT-HARDING AS(BJORKE BATBYGGERI,HARDING AS)-FF48,H-80/86,H-86M,FF,PATENT
SCHAT-HARDING LTD-ATLAS,EMPRESS,TITAN,TITAN FF,SPARTAN
WATERMAN-DEVESER,F A/B-TYPE

- Jiangsu Jiaoyan Marine Equipment Co.,Ltd (Jiangyin Xinjiang FRP. 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 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/GTR 57 JYC/ F,JY-QFP/N-6.00/, 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/JYLR-35-B
Electric Boat Winch: FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100/JYWP135/JYW35/ JYRZ21

- DSB GmbH /
DSB Boats : DSB DSB-3.9 SR IRB,DSB DSB-4.3 SR/IRB ,DSB DSB-420 IRB,DSB DSB-470 IRB,DSB DSB-5.1 SR IRB,DSB DSB-530 IRB

- Hypac Pty Ltd(Kemp Deck Equipment Pty Ltd) /
Rescue Boat Davit,Winch &amp ; Powerpack: HYPACRBD15-35S

- Qingdao Beihai /

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**No. : HDOLS-0001-24**

LIFE BOAT- TOTAL ENCLOSED: BH-5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7,7A,7B,8,9,E970,10( BH,BH- E Series)
FREEFALL: BH-F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F750,F900A (BH-F Series)
RESCUE : BH-R4,R4S,R4SA,R5S,HR6,HR7(BH-R Series,BH-HR Series)
DAVIT- GRAVITY PIVOT : BD-PV50,PV60,PV60S,PV85,PV125(BD-PV &amp ; BD-AR Series)
FREEFALL LAUNCHING : BD-FF55,55A,55R,FF80,80A,80R,80B,FF65/66/67,FF85 (BD-FF Series)
OFFSHORE DAVIT : BD-PL Series
SINGLE ARM - BD-SA 14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23,FA36,RBD966(BD-SA Series,BD-SH Series)
WINCH - BW-H(L/R),L(L/R) Series, SC Series, YSB/INI hydraulic winch series ,31,50,63,75 ; L(L/R) 75,125 ; SC14 ; 21 ; 30
RELEASE MECHANISHM - GRAVITY LIFEBOAT : BG-3,3R,3L/7/10,BH-HOOK3/5,FS5/7/10/13
FREEFALL LIFEBOAT : BG-3F,3.5F,4F,4.5F,4.5FL,5F,6F
RESCUE BOAT : BG-2R,15KNXS,25KNXS,35KNXS

- HLB Network Co Ltd &amp ; BADA Heavy Industries Co., Ltd /
LIFE BOAT &amp ; RESCUE BOAT(HLB Product) (EX Hyundai Lifeboats) : SERIES OF HD,HT,HDL,HLB,HDF,HDFL,HDFN,HDR &amp ; HDFR
RELEASE MECHANISM-SERIES OF THP,TITAN,TALON &amp ; TALON II
DAVIT WINCH &amp ; RELEASE MECHANISM (BADA HEAVY INDUSTRIES EX.D.R.M) :
DAVIT SERIES OF
DRM,DRBD,BDH,BDTD,BDHP,BDTW,BDRW,BDM,BFOD,HDL,BHR,FF,HDFL,HDF,BDF,BDFB,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 &amp ; BHR

- Dongwoo Machinery &amp ; Engineering Co Ltd /
Davit &amp ; Winch - DWS Series , LRDS, RBDS, Hinged Gravity Boat Davit &amp ; Freefall Davit, Rescue Davit &amp ; Liferaft Davit

- Bhawani Engineering works /
Davit &amp ; Winch-SA-460-700-M/G/M-3.8,SA-460-700-M/G/M-3.7,SA-460-700-M/G/M-3.5,SA-460-700-M/G/M-3.0,SA-401-800-E/G/M-3.0,SA-410-800-E/G/M-4.0,SA-880-880-E/G/M-2.7,SA-410-880-E/G/M-3.0,SA-410-880-E/G/M-3.8,SA-410-880-E/G/M-4.0,SA-410-1000-E/G/M-3.0,SA-410-1000-E/G/M-3.4,SA-410-1000-E/G/M-3.5,SA-410-1000-E/G/M-4.0,SA-472-1000-E/G/M-4.7,SA-472-1000-E/G/M-5.0,SA-4101-1000-E/G/M-6.5,SA-411-1100-E/G/M-3.5,SA-411-1100-E/G/M-4.0,SA-472-1100-E/G/M-4.5,SA-411-1250-E/G/M-3.0,SA-411-1250-E/G/M-4.0,SA-472-1250-E/G/M-4.7,SA-453-1250-E/G/M-3.0,SA-453-1250-E/G/M-4.0,SA-411-1250-E/G/M-3.6,SA-453-1250-E/G/M-3.6,SA-492-2500-E/G/H-4.5,SA-492-2500-E/G/H-4.4,SA-475-1500-E/G/E-5.0,SA-474-1500-E/G/

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**No. : HDOLS-0001-24**

M-3.18,SA-474-1500-E/G/M-4.0,SA-474-1500-E/G/M-5.0.SA-453-1500-E/G/M-4.0,SA-453-1500-E/G/M-4.15,SA-453-1500-E/G/M-4.2,SA-453-1500-E/G/M-4.5,SA-453-1500-E/G/M-5.0,SA-481-3000-E/G/H-4.5,SA-499-3000-E/G/H-4.5,SA-426-3000-E/G/E-4.4,SA-4100-3100-E/G/E-4.9

- 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

- Wuxi Huahai Marine Equipment Factory /
Gravity Luffing Arm Davit: HML60,HML85
Free-Fall Lifeboat Launching Appliance: HMD55F,HMD70F
Rescue Boats/Liferafts Launching Appliances :21 kN,14 kN Maual-HMD21D-00,21 kN, 14 kN Electrical-HMD21D-00,25 kN,14 kN Electrical-HMD25T-00,21 kN, 14 kN kN Electrical hydraulic-HMD21-00,25 kN,14 kN
Electrical hydraulic : HMD25-00,32 kN,14 kN Electrical hydraulic -HMD32-00,14KN Mannual
Electric Boat Winch : HMW21,HMW25,HMW50,HMW75,HMW100,HMW110,HMW140,HMW185
Rescue Boat Launching Appliances : HMD14A,HMD30A,HMD30A2

- Zhenjiang DH Marine Equipment Co.Ltd /
A Type Rescue Boat Davit-PR15,PR30,PLR30,PRH35
Liferaft Davit -MSD 23,MSD 33,LE40
Freefall Davit -FFH 50, FFH 70
Single Arm Davit- HSD15, HSD23,HSD30
Gravity Luffing Arm Davit-LE60 ,LE90 LE120 VLG200
Hydraulic Gravity Luffing Davit-SRH70 ,PLRH90,SRH120,SRH180,SRH200,SRH220,SRH260
Connecting Rod Type Davit : PL65,PL90,PL138,PL150,PL180,PL230
Boat winch-DW15,DW25,DW34,DW50,DW75,DW100,DW110,DW120,DW138,DW150,DW168,DW180

- Ningbo New Marine Lifesaving Equipment Co.,Ltd /
Rescue Boat &amp ; Fast Rescue Boat : NM43R,NM45R,NM45RB
Totally Enclosed Life/ Rescue Boat: NML50C ,NM50C/F,NM57C/F,NM58C/F,NM65C/F,NM75C/F,NM85C/F,
Free Fall Lifeboat :NM59FC/FF, NM67FC/FF ;
Single Arm Rescue Boat (Rafts) Davit (Crane):NMSD14KN,NM(S)D23KN,NMSD25KN,NMC25 ;
Rescue Boat Launching Appliance :NMAR60
Gravity Luffing Arm Davit:
NMD25KN,NMD40KN,NMD45KN,NMD55KN,NMD60KN,NMD65KN,NMD85KN, NMD120KN
Launching Appliance Of Free Fall Lifeboat:NMF55KN,NMF70KN ;

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**No. : HDOLS-0001-24**

Platform Davit :PD50,PD70,PD85,PD120 ;
Hydraulic Gravity Luffing Davit: HLA85,HLA120 ;
Hydraulic Telescopic Davit:HTA70,HTA120 ;
Electric Lifeboat/Rescue Boat Winch:NMW42L/R, NMW50L/R,D63S/Z,D80S/Z

- T-ISS B.V /
Release Hooks: T-ISS PX-01,PX-02 and PX-03

- Cheng Day Machinery Works Co.,Ltd /
Launching Appliances-WUDN-100-12M

- Fassmer-Marland Int ' l Ltd /
LIFEBOATS -totally enclosed lifeboat:DRAGON 26C,DRAGON 26T Tanker Version,DRAGON 32C,DRAGON 32T Tanker Version,DRAGON 38C,DRAGON 38T Tanker Version,GMR 6.5,GMR-T6.5 Tanker Version,GMR 7.4,GMR-T7.4 Tanker Version,HH57C (Hai Hong type),HH57T (Hai Hong type) Tanker Version,HH65C (Hai Hong type),HH65T (Hai Hong type) Tanker Version,HH70C (Hai Hong type) ,HH70T (Hai Hong type) Tanker Version,CLR-C5.9,CLR-T5.9 Tanker Version
Freefall lifeboat : GAR 6.7,GAR-T6.7 Tanker Version,GAR 7.4,GAR-T7.4 Tanker Version,CFL-C49(E) ,CFL-T49(E) Tanker Version,CFL-C66(E),CFL-T66(E) Tanker Version,CFL-C72(E),CFL-T72(E) Tanker Version,CFL-C77(E).CFL-T77(E) Tanker Version,CFL-C83(E),CFL-T83(E) Tanker Version
RESCUE BOATS/FAST RESCUE BOATS : Rigid rescue boat: RR4.2 / RR4.2-M,RRH4.2,RR4.2 ID, Fast rigid rescue boat:FRR6.1 ID,FRR6.2 ID
ONLOAD RELEASE GEARS/LIFEBOAT RELEASE &amp ; RETRIEVAL SYSTEM :Duplex 2.5,Duplex 2.5E,Duplex 25E2,Duplex 5.0,Duplex 5.0E,Duplex 50E2,HH43 (Hai Hong type)
DAVITS/CRANES :Pivot davit: FPD-D60,FPD-D68,FPD-DH68,SRH70
Freefall davit: FFH49,FFH49D,FFH66,FFH66D,FFH72,FFH77,FFH83
Freefall ramp : FLR49,FLR66,FLR72
Rescue boat crane: FSAR 14/3.5HS,FSARR 14/3.5HS,FSAR 4.0/3.5HS,FSAR 21/4.0HS,FSARR 21/4.0HS,FSARR 22/4.0HS,FMAH 22KN,FSAR 25
Winches for Rescue boat crane :DEW 150,DEW 450,RZ25
Winches : Pivot davit DEW 15-24 ,DEW 15-35,DEW 15-44,D52L/D52R,DW34S/DW34Z,MW50/MW50C for davit FPD-D60
freefall davit : FW35
HAI HONG BOAT MAKING CO., LTD.
LIFEBOATS: enclosed lifeboat:HH57C ,HH57T(Tanker Version) ,HH65C,HH65T(Tanker Version) ,HH70C,HH70T(Tanker Version)ONLOAD RELEASE GEARS/LIFEBOAT RELEASE &amp ; RETRIEVAL SYSTEM:HH43((Hai Hong type)

- Wuxi Wenjiao Glass Fiber Reinforced Plastic Factory /
Totally enclosed life/rescue boat: WJB50F,WJB50C,WJ57F,WJ57C,WJ58F,WJ58C,WJ75F,WJ75C

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**No. : HDOLS-0001-24**

Free Fall lifeboat: WJ59FF,WJ59FC,WJ67FF,WJ67FC
Rescue boat : WJ40R,WJ45KR,WJ45D3,WJ45D,WJJZ45,WJ55D,WJ60RA,WJ6RB
Lifeboat boat: Open type :WJ45D,BJ55,BJ60,BJ65,BJ70,BJ75,BJ80,BJ85
Release Gear:WJHK40,WJ30HK,WJHK55,WJ63HKC,WJ67HK,WJ40

- Henriksen /
Hooks : HH001

- Wuxi Mingzi Machinery Manufacturing Co.,Ltd /
Lifeboat Hook Release Mechanism-HK 40 (40 KN),WHK40(40 KN),WHK65 (65 KN)
Davit Launched Rescue Boat Manual Release Hook -15KN(150-T)
Davit Launched Life Raft Manual Release Hook 21-25KN(250-T) Life Raft/Rescue Boat Manual/ Automatic Release Hook -31-37KN(370-T)

- 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 : Theenesh Rajan
ID no. : 431

**Endorse**

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**No. : HDOLS-0001-24**

| | | |
|---|---|---|
| Company | : | SHM SHIPCARE (SINGAPORE) PTE. LTD |
| Address | : | 48, TOH GUAN ROAD EAST, #04-152, ENTERPRISE HUB, SINGAPORE-608586 |
| Tel | : | |
| Fax | : | |
| E-mail | : | fma@shmgroup.com |
| Country | : | |
| City | : | SINGAPORE |
| KR-Branch | : | SGP |

Reference