CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0062-24

This is to certify that

L46 Traders t/a BOSSS Lifeboats(Cape town)

Address : 30 Auckland Street, Paarden Eiland

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 **2027.10.27**

Issued at **Busan** on **2024.10.28**

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-0062-24

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

-SHANGHAI YOULONG RUBER PRODUCTS CO., LTD
-JIANGSU HAINING MARINE EQUIPMENT CO.,LTD.
-SHANGHAI STAR 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).

-SUIRVITEC /
Survitec Zodia RIBO, Survitec Zodiac RIBO 340, SurvitecZodiac RIBO 420, SurvitecZodiac RIBO 450, SurvitecZodiac RIBO 600

-BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVEY INDUSTRY CO., LTD, /
LIFEBOAT:
Total Enclosed: BH-5,5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8
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
Freefall Launching: BD-FF55,55A,55R,66R,FF80,80A,80R,80B,FF65/66/67/85
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
Freefall Lifeboat: BG-3.5F,4F,4.5F,4.5FL,5F,6F
Rescue Boat: BG-2R,15KNXS,25KNXS,35KNXS

-D-I DAVIT INTERNATIONAL-HISCHE GMBH /
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

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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

-FASSMER-MARLAND LTD.[ex. Hai Hong Boat Making Co.,Ltd. (Guangzhou)] /
FASSMER-MARLAND LTD.
LIFEBOATS
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 26C/DRAGON 26C-M
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 26T/DRAGON 26T-M Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 32C/DRAGON 32C-M
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 32T/DRAGON 32T-M Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 38C/DRAGON 38C-M
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 38T/DRAGON 38T-M Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat GMR 6.5
Fassmer-Marland Davit launched totally enclosed lifeboat GMR-T6.5 Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat GMR 7.4
Fassmer-Marland Davit launched totally enclosed lifeboat GMR-T7.4 Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat HH57C (Hai Hong type)
Fassmer-Marland Davit launched totally enclosed lifeboat HH57T (Hai Hong type) Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat HH65C (Hai Hong type)
Fassmer-Marland Davit launched totally enclosed lifeboat HH65T (Hai Hong type) Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat HH70C (Hai Hong type)
Fassmer-Marland Davit launched totally enclosed lifeboat HH70T (Hai Hong type) Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat CLR-C5.9
Fassmer-Marland Davit launched totally enclosed lifeboat CLR-T5.9 Tanker Version
Fassmer-Marland Freefall lifeboat GAR 6.7
Fassmer-Marland Freefall lifeboat GAR-T6.7 Tanker Version
Fassmer-Marland Freefall lifeboat GAR 7.4
Fassmer-Marland Freefall lifeboat GAR-T7.4 Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C49(E)
Fassmer-Marland Freefall lifeboat CFL-T49(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C66(E)
Fassmer-Marland Freefall lifeboat CFL-T66(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C72(E)

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Fassmer-Marland Freefall lifeboat CFL-T72(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C77(E)
Fassmer-Marland Freefall lifeboat CFL-T77(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C83(E)
Fassmer-Marland Freefall lifeboat CFL-T83(E) Tanker Version

RESCUE BOATS/FAST RESCUE BOATS
Fassmer-Marland Rigid rescue boat RR4.2 / RR4.2-M
Fassmer-Marland Rigid rescue boat RRH4.2
Fassmer-Marland Rigid rescue boat RR4.2 ID
Fassmer-Marland Fast rigid rescue boat FRR6.1 ID
Fassmer-Marland Fast rigid rescue boat FRR6.2 ID

ONLOAD RELEASE GEARS/LIFEBOAT RELEASE &amp ; RETRIEVAL SYSTEM
Fassmer-Marland Onload release gear Duplex 2.5
Fassmer-Marland Onload release gear Duplex 2.5E
Fassmer-Marland Onload release gear Duplex 25E2
Fassmer-Marland Onload release gear Duplex 5.0
Fassmer-Marland Onload release gear Duplex 5.0E
Fassmer-Marland Onload release gear Duplex 50E2
Fassmer-Marland Onload release gear HH43 (Hai Hong type)

DAVITS/CRANES
Fassmer-Marland Pivot davit FPD-D60
Fassmer-Marland Pivot davit FPD-D68
Fassmer-Marland Pivot davit FPD-DH68
Fassmer-Marland Pivot davit SRH70
Fassmer-Marland Freefall davit FFH49
Fassmer-Marland Freefall davit FFH49D
Fassmer-Marland Freefall davit FFH66
Fassmer-Marland Freefall davit FFH66D
Fassmer-Marland Freefall davit FFH72
Fassmer-Marland Freefall davit FFH77
Fassmer-Marland Freefall davit FFH83
Fassmer-Marland Freefall ramp FLR49
Fassmer-Marland Freefall ramp FLR66
Fassmer-Marland Freefall ramp FLR72
Fassmer-Marland Rescue boat crane FSAR 14/3.5HS
Fassmer-Marland Rescue boat crane FSARR 14/3.5HS
Fassmer-Marland Rescue boat crane FSAR 4.0/3.5HS

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Fassmer-Marland Rescue boat crane FSAR 21/4.0HS
Fassmer-Marland Rescue boat crane FSARR 21/4.0HS
Fassmer-Marland Rescue boat crane FSARR 22/4.0HS
Fassmer-Marland Rescue boat crane FMAH 22KN
Fassmer-Marland Rescue boat crane FSAR 25

WINCHES
Fassmer-Marland Winch for pivot davit DEW 15-24
Fassmer-Marland Winch for pivot davit DEW 15-35
Fassmer-Marland Winch for pivot davit DEW 15-44
Fassmer-Marland Winch for pivot davit D52L/D52R
Fassmer-Marland Winch for pivot davit DW34S/DW34Z
Fassmer-Marland Winch for pivot davit MW45/MW45C for davit FPD-D60
Fassmer-Marland Winch for pivot davit MW50/MW50C for davit FPD-D60
Fassmer-Marland Winch for freefall davit FFWH35-16
Fassmer-Marland Winch for freefall davit FFWH50-18
Fassmer-Marland Winch for rescue boat crane DEW 150
Fassmer-Marland Winch for rescue boat crane DEW 450
Fassmer-Marland Winch for rescue boat crane RZ25

HAI HONG BOAT MAKING CO., LTD. (GUANGZHOU)
LIFEBOATS
Davit launched totally enclosed lifeboat HH57C (Hai Hong type)
Davit launched totally enclosed lifeboat HH57T (Hai Hong type) Tanker Version
Davit launched totally enclosed lifeboat HH65C (Hai Hong type)
Davit launched totally enclosed lifeboat HH65T (Hai Hong type) Tanker Version
Davit launched totally enclosed lifeboat HH70C (Hai Hong type)
Davit launched totally enclosed lifeboat HH70T (Hai Hong type) Tanker Version

ONLOAD RELEASE GEARS/LIFEBOAT RELEASE &amp ; RETRIEVAL SYSTEM
Onload release gear HH43 (Hai Hong type)

- HATECKE SERVICE GMBH /
(Fast) Rescue Boat : RB AB, RB AB Duplex, RB AB FH, RB IB, RB/FRB AB FH
Launching appliances : FFA, FFALP, FFB, Gsp.FLH, Gsp.O, GspFP, W07, W10, W26
Lifeboats : GFF, GFF-T, GSAR, GSL, GSL-T
Release Gear : Duplex 2.6, Duplex 3.0, Duplex 3.5, Duplex 4.3/4.6, Duplex6.0, GFF-R-10, GFF-R-11, GFF-R-8
RAFTI2.5, Simplex 2.0 Off-Load, Simplex 2.0 to, Simplex 2.0i Simplex 3.0, Simplex4.3, Simplex 6.0

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- HLB CO., LTD (ex. Hyundai Lifeboats) /
Lifeboat and Rescue boat : Series of HD, HT, HDL, HLB ; HDF, HDFL, HDFN ; HDR and 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, BMW, BRW, BWL, BWR &amp ; FHW
Release mechanism : Series of BDR, BHA and BHR

- JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD /
Freefall 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/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/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

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

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

-MANSEI INC. /
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-

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-NARWHAL BOATS, S.L. /
NARWHALSV-400, SV-420, SV-480, SV-750 SOLAS RESCUE BOATS and NARWHAL FRB-700 SOLAS FAST RESCUE BOAT

-PALFINGER MARINE EUROPE B.V. /
Palfinger as Manufacturer has taken legal and legitimate responsibilities for the following OEM brand names, these Makes are part of the training:
ACTA, LAR Launch and Rescue, Schat-Harding, Beiyang Boatbuilding Co, Maseco, Schat London, Bjorke Batbyggeri, Mulder &amp ; Rijke, Schat-Watercraft, Davit Company, Ned-Deck Marine, SEC Davits,
Edgewater Machine &amp ; Fabricators, Palfinger Ned-Deck, Umoe-Schat Harding, Fast RSQ, Palfinger Marine,
Viking Marine, Fiskars Schat Watercraft, Georg Eide Sonner, Schat Davits, Waterman, Harding Safety AS, Schat-Davit Company, William Mills Marine

Equipment working principles(types). /
The following generic equipment working principles are part of the training:
Survival Craft : Lifeboat- Open, TELB, PELB, Tender / Free Fall lifeboat- FFLB / (Fast) Rescue boat- Rigid, Semi-rigid
Hooks / Release Gear : Conventional hook- Off-load, Camshaft, Locking plate, Rotating cup, Intermediate, Hydraulic jack / Free Fall hook- Camshaft, Hydraulic jack, Rotating cup / (Fast) Rescue boat hook- Fixed, Fall wire suspended / Raft hook- Fall wire suspended / Combi RB/Raft hook- Fall wire suspended /
Davits : Gravity Davit- Normal Deck Pivot, Roller Track, Multi Pivot, Slewing, Fixed Arm (Outrigger), Telescopic / Free Fall Davit- FF A-frame, FF Combi-crane, FF Fixed frame / Hydraulic Davit- A-Frame Pivoting, Telescopic, Slewing, Deck Pivot, Fixed Arm (Outrigger)
Winches : Mechanical winch- Pressure plate, Knott brake, Band brake, Eccentric brake / Hydraulic winch- Hydraulic brake, Combi mechanical/hydraulic brake

-PIRIOU SOUTH EAST ASIA SHIPYARD /
FAST RESCUE BOAT - RIGID
MAKER: PIRIOU SOUTH EAST ASIA SHIPYARD, VIETNAM
TYPE: FRB 720M

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No. : HDOLS-0062-24

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference