CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0091-23

This is to certify that

PACIFIC SAFETY AGENCY PTE. LTD

Address : 1 Sunview Road, #01-39 Eco-Tech @ Sunview, Singapore 627615.

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 **2026.12.12**

Issued at **Busan** on **2023.12.18**

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(ME24000190841) and certificate No.(HDOLS009123).

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-0091-23

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).

- 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, SH55, SH70, SH85, Handle Release Hook 15KN, Automatic Release Hook 21KN, 23KN, 25KN, 35KN
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
Boat Winch: D21KN, D25KN, D32KN, D35KN, D48KN, D63KN, D65KN, D80KN, D100KN, D120KN, DP65KN, DP85KN, DP100KN, DP110KN, DP120KN, DP138KN, DP150, DP180KN

- 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

Endorse

APPENDIX I

No. : HDOLS-0091-23

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-LRHE18, 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
Crane/Raft Davit: JY-FCR23KN-5M, JY-FCR2066, JY-FCR3066, JY-FCR2385, JY-FCR3510
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, LB35MRS, LB70MRS

- NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD /
Rescue Boat: YZ4.5, YZ4.5S, YZ4.5SA, YZ45R, YZ60RA, YZ60RB
Totally Enclosed Lifeboat/Rescue Boat: YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS, YZ65FS, YZ75C, YZ75F
Free Fall Lifeboat: YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF
Gravity Luffing Arm Davit: L25, L50, YZL-55, L65, L65S, LE85-1
Electrical Lifeboat/Rescue Boat Winch: DS25, DZ25, DS40, DS/Z40, YZD-42S, YZD-42Z, DS58, DZ58, D50S, D50Z, D63S, D63Z
Single-Arm Rescue Boat/Liferafts Boat Launching Appliance & Crane: 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 Launching Appliance: YZF55, YZF70
Release Mechanism: HK40, HK40B, YZHK40, YZHK40S

- NINGBO NEW MARINE LIFESAVING EQUIPMENT CO., LTD /
Rescue Boat & Fast Rescue Boat: NM43R(A), NM45R, NM45RB, NM60R
Totally Enclosed Life/ Rescue Boat: NML50C, NM50C/F, NM57C/F, NM58C/F, NM65C/F, NM75C/F, NM85C/F, NM117C/F
Free Fall Lifeboat: NM52FC, NM52FF, NM59FC/FF, NM67FC/FF
Single Arm Rescue Boat (Rafts) 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

Endorse

APPENDIX I

No. : HDOLS-0091-23

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, DW100S/Z, DW145/Z
Hook: HK40, HK65, HK105

- ORIENTAL INSPECTION & SERVICES CO., LTD. /
Hinged Gravity Type Davit: HGD Series, HGK Series, SHS Series, RTD Series, DHA Series, DMA Series
Hinged Gravity Type Winch: BWE Series, SWE Series, WL Series
Free Fall Davit & Winch: FD Series, WL Series
Rescue / Liferaft Davit & Winch: RD Series, RDW Series

- QINGDAO BEIHAI BOATBUILDING CO., LTD /
Totally Enclosed Lifeboat: BH-5, BH-5A, BH-5S, BH-5SA, BH-E500, BH-E585, BH-6, BH-6A, BH-6S, BH-E670, BH-7A, BH-7B, BH-8
Free Fall Lifeboat: BH-F6.0, BH-F7.0A, BH-F7.8, BH-F8.1, BH-F5.8, BH-F6.8, BH-F660, BH-F670, BH-F750, BH-F900/A
Rescue Boat: BH-R4, BH-R4S, BH-R4A, BH-R4SA, BH-R5S
Gravity Pivot Davit: BD-PV50, BD-PV60, BD-PV60S, BD-PV85, BD-PV125
Free Fall Davit: BD-FF55, BD-FF55A, BD-FF55R, BD-FF80, BD-FF80A, BD-FF80R, BD-FF80B, BD-FF65, BD-FF66, BD-FF67, BD-FF85
Single Arm Davit: BD-SA14, BD-SA14A, BD-SA14B, BD-SA21, BD-SA21A, BD-SA23, BD-SA30, BD-SA30A, BD-SA33, BD-SH23
Winch: BW-H(L/R)31S, BW-H(L/R)50, BW-H(L/R)63, BW-H(L/R)75, BW-L(L/R)75, BW-L(L/R)125, BW-SC14, BW-SC21, YSB series hydraulic winch
Release Mechanism - Gravity Lifeboat: BG-3, BG-3L, BG-7, BH-HOOK3, BH-HOOK5, FS5, FS7
Release Mechanism - Free Fall Lifeboat: BG-3F, BG-3.5F, BG-4F, BG-4.5F, BG-4.5FL, BG-5F, BG-6F
Release Mechanism - Rescue Boat: BG-2R, Wuxi XS15, Wuxi XS21, Wuxi XS23, Wuxi XS25, Wuxi 35KN hook

- SHEYANG SAIFUTE MARINE AUXILIARY MACHINERY PLANT JIANGSU /
Gravity Luffing Arm Davit:14KN, 25KN, 50KN, 60KN, 90KN, 100KN, 120KN
Gravity Sliding Track Davit:15KN, 40KN
Cross Deck Gravity Sliding Track Davit:30KN, 110KN
Platform Davit:48KN, 110KN
Free Fall Lifeboat Launching Appliance:55KN, 70KN
Single Arm Rescue Davit:10KN, 14KN, SFTSA10DS
Single Arm Rescue Boat/ Raft Launching Appliances:21KN, 25KN, 30KN, 40KN
Lift-Raft Launching Appliance:15KN, 21KN, 25KN, 35KN
Single Arm Rescue Boat/ Raft Launching Appliances & Provisions Crane:21KN
Hydraulic Slewing Boat-Raft Davit:SFT-14KN, FCD3T * 10M, 25KN * 10M

Endorse

APPENDIX I

No. : HDOLS-0091-23

Fast Rescue Boat Davit:SFT-AFR25, SFT-AR32
Ele. Rescue Boat Winch:14KN, 25KN, 40KN, D50Z, 63KN, E100R, D100Z
Ele. Lifeboat Winch:25KN, 40KN, D50S, 63KN, E70L, D100S, E100L

- T-ISS B.V. /
Hook:PX-01, PX-02, PX-03

- VANGUARDE PTE LTD/
Lifeboat & Rescue Boat Series:VG, VG-FF/FC, KR, DB, DRS, DR4, HLB, HLBLR, FRK, FRW
Hook (LRRS) Series:C-SAFE, SPEARHEAD, HK, SHF
Davit Series:LVD, PL, A, PLR, SRH, LR, VAE, VAH, VL, VL-G, VS, VF, HSD
Winch Series:DW/D, DW/S, SLR, DWP, HW, PRH, VW/S, VW/Z

- WUXI DONGWU MARINE EQUIPMENT CO., LTD /
Gravity Luffing Arm Davit:18KN, 25KN, 40KN, 50KN, 60KN, 60KN(60L), 85KN, 110KN, T2.5, SK50
Gravity Sliding Track Davit:25KN, 30KN
Free-Fall Lifeboat Launching Appliance:F55, F70, NPT100F
Rescue Boat/ Liferafts Launching Appliances:21KN(manual), 21KN(Electrical), 21KN (Electrical / Hydraulic), DWC210, 25KN (Electrical / Hydraulic), 35KN (Electrical / Hydraulic)
Rescue Boat Launching Appliances:A30, H35
Lifeboat Winch:DS * ZY25, DS * ZY40, D50S, DS * ZY63, D63S, 80KN (Life)
Life/ Rescue Boat Winch:DZY/Z21, DZ * ZY25, DZ * ZY40, D50Z, DZ * ZY63, D63Z, 80KN(rescue)

- 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

- WUXI MINGZI MACHINERY MANUFACTURING CO., LTD /
Lifeboat Hook Release Mechanism:HK40, WHK40, WHK65
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)

- WUXI WENJIAO G.F.R.P FACTORY /

Endorse

APPENDIX I

No. : HDOLS-0091-23

Totally Enclosed Life / Rescue Boat:WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C
Freefall Lifeboat:WJ59FF, WJ59FC, WJ67FF, WJ67FC
Rescue Boat:WJ40R, WJ45KR, WJ45D3, WJ45D, WJJZ45, WJ55D, WJ60RA, WJ60RB
Lifeboat - Open Type:WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85
Release Gear:WJHK40, WJ30HK, WJHK55, WJ63HKC, WJ67HK, WJ40

- WUXI XINGSHENG GEAR CASE FACTORY /
Release Hook: 15KN(XS15), 21KN(XS21), 23KN(XS23), 25KN(XS25), 35KN(XS35)

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

- ZHEJIANG NORSIER LIFESAVING EQUIPMENT TECHNOLOGY CO., LTD /
Lifeboats/ Rescue Boats:NYF & NYC, NYPF & NYPC, NYZ
Davits:NLB, NSA, NHCD, NFH
Winches:N
Release Mechanism:NHK

- ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD /
Lifeboat Series:BJ, 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

- ZHEJIANG YINGPENG MARINE EQUIPMENTS MANUFACTURING CO., LTD /
Gravity Hinge Type Davit:T25, T40, LYP65
Electric Motor Winch:DJB25, DJB40, DJB50, DJB63, DZB25, DZB40, DZB50, DZB63
Free-Fall Davit:FH55, FH70
Single Arm Davit:ZF21/3.8

- ZHENJIANG DH MARINE EQUIPMENT CO., LTD /
Davit:FFH, HSD, LPLG, LE, MSD, PR, PRH, SGL
Winch:DW, WME

- ZHENJIANG WEST MARINE EQUIPMENT CO., LTD /

Endorse

APPENDIX I

No. : HDOLS-0091-23

Single Arm Davit:WME-SAD14, WME-SAD23, WME-SAD30
A-Frame Davit:WME-LR30, WME-LRH35, WME-LRH75
Conventional Davit:WME-MGD185
Boat Raft Davit:WME-HTD30
Winch:WME-SAD14, WME-SAD23, WME-SAD30 , WME-LR30, WME-LRH35, WME-LRH75, WME-MGD185, WME-HTD30

Endorse

APPENDIX I

No. : HDOLS-0091-23

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :