CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0046-24

This is to certify that

GREEN OCEAN TECHNOLOGY & SERVICE COMPANY

Address : 389 (12/1F) DAO TRI STREET, PHU THUAN WARD, HO CHI MINH CITY, VIET NAM

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 **2027.07.05**

Issued at **Busan** on **2025.09.09**

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-0046-24

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 /
- YANTAI HUAYANG LIFESAVING EQUIPMENT MANUFACTURING CO., LTD.
- SHANGHAI CUNHONG MARINE LIFESAVING APPLIANCE CO.,LTD.
- JIANGSU HAINING MARINE EQUIPMENT CO.,LTD.
- SG SAFETY CORPORATION
- SHANGHAI HAIAN LIFESAVING EQUIPMENT CO., LTD.
- SHANGHAI HUAXING DACHENG RUBBER &amp ; PLASTICS CO.,LTD
- JIAXING RONGGUI TRADE CO., LTD
- SHANGHAI STAR RUBBER PRODUCTS CO., LTD.
- SHANGHAI YOULONG RUBBER PRODUCTS CO., LTD.
- NINGBO NEPTUNE LIFE-SAVING EQUIPMENT CO., LTD.
- NINGBO HAIFENG LIFESAVING APPLIANCE MANUFACTURING CO., LTD
- NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD.
- LALIZAS

B. Manufacturer(s) of inflatable life jacket /
- SECUMAR
- LALIZAS

C. Manufacturer(s) of inflatable life jacket and HRU(Hydrostatic release unit) /
- JIAXING RONGGUI TRADE CO., LTD
- JIAXING RONGSHENG LIFESAVING EQUIPMENT CO., LTD.

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).

- Ningbo New Marine Lifesaving Equipment Co., Ltd. /
Rescue Boat and Fast Rescue Boat : NM43R, 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/FF, NM59FC/FF, NM67FC/FF ; NM50FC/FF, NM58FC/FF
Open type lifeboat : BJ5.50, BJ6.50, BJ7.50
Single Arm Rescue Boat (Rafts) Davit(Crane) : NMSD14KN, NMD14KN, NMSD21KN, NMD21KN, NMSD23KN, NMD23KN, NMSD25KN, NMSC25KN, NMSD33KN, NMC25, NMC30
Rescue Boat Launching Appliance : NMAR30, NMAR30-1, NMAR60, NM30

Endorse

APPENDIX I

No. : HDOLS-0046-24

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, HLA125, HLA210
Electric Lifeboat/Rescue Boat Winch : NMW25KN, NMW42L/R, NMW50L/R, D63S/Z, D80S/Z, DW125S/Z

- 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

- BINH AN COLLECTIVE ENTERPRISE /
Rescue Boat : BA-XCC06
Rescue Boat Launching Appliance : BA-CXCC06
Totally Enclosed Lifeboat - Rescue Boat : BA-XCS28
Lifeboat Launching Appliance : CX-BA28A
Lifeboat - Rescue Boat Launching Appliance : CX-BA28B

- NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD. /
Rescue boat series : YZ4.5,YZ4.5S,YZ4.5SA,YZ60RB, YZ60RA
Total enclosed life/rescue boat series : YZ50C,YZ50F,YZ65C,YZ65F,YZ65CS,YZ65FS,YZ75C, YZ75F
Freefall Lifeboat Series : YZ49FC,YZ49FF,YZ59FC,YZ59FF,YZ60FC,YZ60FF,YZ675FC,YZ675FF
Gravity Luffing arm davit : L25,L50,YZL-55,L65,L65S,LE85-1
Electric 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 and Crane : ZF21/15 DZ14, ZF21 DZ14,ZF23/15 DZ14,ZF23 DZ14, ZF33 DZ25,B21/14,B21/14-2.5
Rescue boat Launching appliance : YZ-A30D
Free fall lifeboat lauching appliance : YZF55,YZF70

- QINGDAO BEIHAI BOATBUILDING 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

Endorse

Invalid Once Printed

APPENDIX I

No. : HDOLS-0046-24

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

- 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

- 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, 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, JYF-75A, JYF75-B, JYF90
Platform Davit : JYP65, JYP85, JYP105, JYP135
Single arm davit : JYR21, JYR21S-A, JYRC21, JYR23, JYR14, JYRH14, JYRH21, JTR26, JYR30
Electric Boat Winch : FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21

- 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 :

Endorse

APPENDIX I

No. : HDOLS-0046-24

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-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-TBD 120, JY-TBD 215, JY-TBD 35
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, JYFCR3510
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-DP-185, JY-DP215
Release Mechanism of Lifeboat/ Rescue Boat : HK40, HK40A, HK50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS

- CSSC LUZHOU ZHENJIANG MARINE AUXILARY 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
Boat Winch : D21KN/D25KN/D32KN/D35KN/D48KN/D63KN/D65KN/D80KN/D100KN/D120KN/DP65KN/DP85KN/DP100KN/DP110KN/DP120KN/DP138KN/DP150/DP180KN
Totally Enclosed Lifeboat : YH5.0QFP/YH5.0QFN/YH6.5QFP/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

Endorse

APPENDIX I

No. : HDOLS-0046-24

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

- ZHENJIANG WEST MARINE EQUIPMENT CO. LTD. /
Davit: WME-SAD 14/23/30, WME-LR 30, WME-LRH 35/75, WME-MGD 185, WME-HTD 30
Winch: WME-SAD 14/23/30, WME-LR 30, WME-LRH 35/75, WME-MGD 185, WME-HTD 30

- 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 : To Quang Doan
ID no. : 491

Name : Dang Minh Hung
ID no. : 490

Refer to

Endorse

APPENDIX I

No. : HDOLS-0046-24

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference