



CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS007021

This is to certify that

Woell Marine GmbH

Address : Braaker Bogen 16, 22145 Braak / Hamnburg, Germany

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 **2024.12.15**

Issued at **Busan** on **2021.12.16**

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. : HDO-LS-0070-21

This service supplier has been approved to service the equipment listed in the appendix in accordance with Resolution MSC.402(96)

A. Manufacturer(s) of Lifeboats, Rescue boats, Launching appliances and Release gear /Type

- 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-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-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

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

- ARIM MACHINERY and ENG CO. /

* ARPVseries :

ARPV/RVD-2109 CSN series, ARPV/RVD-1875 QHS series, ARPV/RVD-2260 Jinse series, ARPV/RVD-2260 SH series, ARPV/RVD-2108 SK-H series, MS07 series, LRBD-20 SH series

* ARLDseries :

ARLD-20P SK-H series, ARPV/LD-2050 SK-H series

- Yuksel Makina Ve Vmc Sanayi. /

Launching appliances : YM-FF/H-C20, YM-LBD/E-C50, YM-RC/H-C15X3.5

- YMV Crane & Winch Systems. /

Launching appliances : YMV-FF/H-C20, YMV-LBD/E-C50, YMV-RC/ H-C15X3.5, YMV-RC/H-C25X3.5/4.5

- 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

Endorse



APPENDIX I

No. : HDO-LS-0070-21

Rescue Boat Series : GJ4.5B / GJ4.5B1
High Speed Rescue Boat Series : GJ618A / GJ618B
Release Gear Series : HH76 / HH43 / HH30 / HH20

- Oriental Precision and Engineering 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
* FREE FALL DAVIT and WINCH : FD SERIES, WL SERIES
* RESCUE / LIFERAFT DAVIT and WINCH : RD SERIES, RDW SERIES

- Jiangsu Jiaoyan Marine Equipment Co., Ltd. (Ex. Jiangyin Xinjiang F.R.P 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
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, GTR57JYC/F, 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, JYL68, JYL85, JYL105, JYL135
Launching appliance : JYF55, JYF75, JYF75-B, JYF90
Platform Davit : JYP65, JYP85, JYP105, JYP135
Single arm davit : JYR21, JYR21S-A, JYRC21, JYR14, JYRH14, JYRH21
Electric Boat Winch :
FW45, JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135, JYW35, JYRZ21

- Zhejiang Hengxin Ship Equipment Co., Ltd. /
Lifeboat series: (BCFC/FF, BCF/C)
Rescue Boat series (Cj,FRH, RH)
Release Mechanism Series (HK)
Davit Series (FH, SA, HDC, LFR, LR, HE, PD, SRH, LB, KN)

- Jiangyinshi Beihai LSA Co., Ltd China. /
Boat: SERIES OF SC,JYB.
Hook: SERIES OF JYBHK.
Davit: SERIES OF SAC,SA,FA,LA,BHGH, PD,FRH,EHRD,SRH,BHG P,RB,HB,HDC,ESAD.

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

- Henriksen /
All Henriksen Lifting Hooks

- HLB (ex. Hyundai Lifeboats) Co., Ltd. and BADA Heavy Industries (ex. D.R.M) Co., Ltd. /
Lifeboat and Rescue Boat : Series of HD,HDL,HLB ; HDFL,HDFN ; HDR and HDFR
Release Mechanism : Series of THP, Talon and Talon II

Endorse



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

- 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 : Artur Marek Stasiak

ID no. : 373

Endorse



APPENDIX I

No. :

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Prepared