CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0066-24

This is to certify that

NAVALTECH - MARINE TECHNICAL BUREAU

Address : 54 POSEIDONOS AVENUE, 17562, PALAIO FALIRO, GREECE

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 **2027.11.11**

Issued at **Busan** on **2024.12.02**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team

Preview

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-0066-24

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 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).

- ORIENTAL INSPECTION &amp ; SERVICE CO., LTD. /
Hinged Gravity Type Davit &amp ; Winch (Davit: HGD series, HGK series, SHS series, RTD series, DHA series, DMA series, Winch: BWE series, SWE series, WL series)
Free Fall Davit &amp ; Winch (FD series, WL series)
Rescue/Liferaft Davit &amp ; Winch (RD series, RDW series)

- DSB Engineering Co., Ltd. /
Gravity type Lifeboat: DSB50F/C, DSB58F/C, DSB60F/C, DSB75F/C, DSB85F/C, DSB95F/C, DSB150F/C.

Freefall type Lifeboat: DSB49FF/FC, DSB59FF/FC, DSB75FF/FC.
Rescue Boat: DSB40R, DSB60RA/RB.
Gravity type Davit: DSB60DL, DSB85DL, DSB138DL, DSB205DL.
Hydraulic type Davit: DSB150DYL.
Freefall type Davit: DSB70DF, DSB85DF.
Rescue boat Davit: DSB23DR, DSB30ARH, DSB18/27DR.

- WUXI WENJIAO G.F.R.P FACTORY. /
Totally enclosed Life/Rescue Boat: WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C.
Free fall lifeboat: WJ59FF, WJ59FC, WJ67FF, WJ67FC.
Rescue Boat: WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB, WJJZ45
Lifeboat: WJ45D, BJ55, BJ60, BJ65, BJ70, BJ75, BJ80, BJ85
Release Hook: WJHK40, WJ30HK, WJHK55, WJ63HKC, WJ67HK, WJ40

- WUXI HAI HONG BOAT MAKING CO., LTD. /
Totally enclosed lifeboat/rescue boat series: HH50C/HH50T, HH53C/HH53T(QFP(H)5.3), HH57C/ HH57,H65C/HH65 T(QFP(H)6.5/QFN(H)6.5), HH65CS/HH65TS(QFP6.5 /QFN6.5), HH70C/HH70T(QFP7.0/Q FN(H)7.0),HH75CS/HH75 TS(QFP7.5/QFN7.5), HH75C(QFP(H)7.5),HH80 CS/ HH80TS(QFP8.0/QFN8.0) ,HH85C/HH85T, HH85CS/HH85TS(QFP8.5 /QFN8.5).
Freefall lifeboat series HH59FC/HH59FF, HH76FC/HH76FF.
Rescue boat series GJ4.5B/GJ4.5B1.
High speed rescue boat GJ618A/GJ618B.
Release Gear Series: HH76 / HH43 / HH30 / HH20.

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

- 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/JYFF-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 / GJ6.1 0 / GJ7.50 / GJ8.0Q-2 / GJ8.5Q-2.
Totally enclosed lifeboat: JY-QFP/N-5.0 , JY-QFP/N-5.25 , 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-1 0.90A.
Gravity luffing arm type davit: JYL52 / JYL55/ JYL65 / JYL85/ JYL 105 / JYL 135.
Launching appliance: JYF55 / JYF75 / JYF90,
Platform Davit: JYP65 / JYP85 / JYP1 05 / JYP135.
Single arm davit JYR21 / JYRC21 / JYR14 / JYRH14 / JYRH21.
Electric Boat Winch JYW42 / JYW50 / JYW70 / JYW100 / JYWP70 / JYWP100 / JYWP135.

- Wuxi Mingzi Machinery Manufacturing Co., Ltd. /
Release Hook: HK40, WHK40, WHK65, 15KN, 21-25KN, 31-37KN.

- 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 ,JY1 7C/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.
Release Mechanism of Lifeboat/ Rescue Boat: HK40, HK40A, Hx50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS.
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-L2 15.
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, JYFCR2305.
Rescue Boat davit: JY-PLR21, JY-LFR27, JY-LRHE30, JY-LRHE70, JYLFR35, JY-SAP14, JY-SAP30.
Gravity overhead rolling type davit: JY-HE70, JY-HE95, JY-HE120, JYHE155.

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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 ,JYSAF33, JY-LRHE30, JY-PLR21, JY-LFR27, JY-LRHE70 JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JYD1105/Z, JY-DW125S, JY-DP110S/Z, JY -DP150/Z, JY-DP185, JY-DP215.

- QINGDAO BEIHAI BOATBUILDING CO.,LTD /
Total enclosed lifeboats: BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8.
Freefall lifeboats: BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670/750/900A.
Rescue boats: BH-R4, R4S, R4SA, R5S.
Release mechanism for gravity lifeboat: BG-3, 3L, BG-7, BH-HOOK3, HOOK5, FS5, FS7.
Release mechanism for freefall lifeboat: BG-3F, 3.5F, 4F, 4.5F, 4.5FL, 5F, 6F.
Release mechanism for rescue boat: BG-2R, 15KNXS, 25KNXS, 35KNXS.
Gravity pivot davit: BD-PV50, PV60, PV60S, PV85, PV125.
Freefall launching davit: BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67/85.
Single arm davit: BD-SA14, 14A, 14B, SA21, 21A, SA23, SA30, 30A, SA33, SH23.
WINCH: BW-H(L/R)series, L(L/R)series, SC seriese , YSB/IN1/BJM hydraulic winch series

- Jiangsu Huaiyin Marine Machinery Co Ltd. /
Davit (Gravity Pivot): 15KN, 20KN, 25KN, 40KN, 63KN, 100KN.
Davit (Freefall launching): FH Series
Winch (Gravity Pivot): 15KN, 20KN, 25KN, 40KN, 63KN, 100KN.
Winch (Freefall launching): 25KN, 40KN, 50KN, 63KN, 80KN, 100KN.
Winch (Single arm): 5KN, 10KN, 20KN, 21KN, 30KN, 50KN, 80KN, 100KN.

- SANGSANGIN INDUSTRY CO., LTD. (Ex. DONGNAM MARINE CRANE Co., Ltd. and Dongnam Enterprise) /
DAVIT and LAUNCHING APPLIANCES(winch) :
HINGED GRAVITY TYPE(
DHG-57-FM,HGW-40-FM,DHG-70-FM,HGW-52-FM,HGW-50-FM,DHG-73-FM,HGW-61-DM,DHGD-11-E 2E7)
SINGLE ARM TYPE(DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ)
FREEFALL TYPE DAVIT(FF, HDF)
DSAM 11 - E2M0

- WUXI DONGWU MARINE EQUIPMENT CO.,LTD. /
Gravity luffing arm davit: 18KN, 25KN, 40KN, 50KN, 60KN, 85KN, 110KN, T2.5, Sk50.
Gravity sliding track davit: 25KN, 30KN.
Free-fall lifeboat launching appliance: F55, F70, NPT100F.

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Rescue boats/ liferafts launching appliances: 21KN manual, 21KN electrical, 21KN electrical hydraulic, 25KN Electrical hydraulic, 35KN electrical hydraulic, DWC210
Rescue Boats Launching Appliances: A30/H35
Electrical boat winch: DS * ZY25, DS * ZY40, D50S, DS * ZY63, D63S, D63S/Z, 80KN(life)
Rescue boats launching appliances: A30, H35

- WUXI XINGSHENG GEAR CASE FACTORY /
Release Hook: XS15, 21KNXS, 23KNXS, 25KNXS, 35KNXS

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

- HENRIKSEN /
Henriksen Hooks: HH001

- LALIZAS /
LALIZAS Release Hook LAR 36, SOLAS/MED Product code: 74387

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /
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, RC60-EB
Launching appliance davit: FH55,FH70,FH75,FH85,FH100
Single arm davit and crane :
SAF14,SAFC21,SAFC25,SA2,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,LFR350,LFR55,LFRH30,LEFR50,LFRH60,DH30,SAWH30,SAWH45,SAWH60
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

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SUP-CE-COM

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Hook : HK25,HK25B,HK40,HK40C,HK65,SH55,SH70,SH85
Handle release hool 15KN, Automatic release hook 21KN/23KN/25KN/35KN

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

- NINGBO KAIRONG SHIP MACHINERY CO., LTD /
GRAVITY LUFFING ARM DAVIT: 21KN/25KN
GRAVITY SLIDING TRACK DAVIT: 21KN/25KN
FREE-FALL KAIRONG SHIP MACHINERY CO., LTD: 70KN/80KN
RESCUE BOATS/LIFERAFTS LAUNCHING APPLIANCES: 21kN(manual)/21kN(Electrical)/21kN(Electrical / hydraulic)/25kN(Electrical / hydraulic)

- NINGBO NEW MARINE LIFESAVING EQUIPMENT CO., LTD / * *
Rescue boat &amp ; Fast rescue boat: NM43R(A), NM45R, NM45RB, NM60R
Total 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 (Raft) 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, D85, PD120
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

- SHINMYUNG Tech Co.,Ltd. /
Liferaft and Rescue Boat Davit : SM-LRD, SMRB&amp ; PVH, SMRB&amp ; LR, SMRBD-LSW, SMLRD-LSW, SMRB and LR-NLSW

-VADYAR BOATS PVT. LTD.
Vadyar Make Lifeboats:
VB 9.2 mtr 70 Persons Capacity Totally Enclosed Fire protected Lifeboat.
VB 8.5 mtr 60 Persons Capacity Totally Enclosed Lifeboat.
VB 8.5 mtr 60 Persons Capacity Partially Enclosed Lifeboat.
VB 7.5 mtr 50 Persons Capacity Partially Enclosed Lifeboat.

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Vadyar Make Rescue Boat:
VB 4.7 mtr 9 Persons Fast Rescue Boat.
VB 4.5 mtr 6 Persons Rescue Boat.

Vadyar Make Launching Appliances:
VB I 0 Ton Davit and Winches.
VB I Ton Single Arm Davit and Winches.

Vadyar Make On-Load Release Gears:
VB Lifeboat On-load Release Gear. (Safe Working Load 6 Tons)
VB Rescue Boat On-load Release Mechanism. (Safe Working Load 1.3 Tons)

- WUXI HUAHAI MARINE EQUIPMENT FACTORY /
Gravity Luffing Arm Davit : HML60, HML85, HMD60
Freefall Lifeboat Launching Appliance : HMD55F, HMD70F
Rescue boats/ liferafts launching appliances : 21KN manual, 21KN electrical, 25KN electrical, 21KN electrical hydraulic, 25KN electrical hydraulic, 32KN electrical hydraulic
Electrical Boat Winch : HMW21, HMW25, HMW50, HMW75, HMW100, HMW110, HMW140, HMW185.
Rescue Boats Launching Appliances : HMD14A, HMD30A, HMD30A2

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No. : HDOLS-0066-24

Company :

Address :

Tel :

Fax :

E-mail :

Country :

City :

KR-Branch :

Reference