



CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOFI-0014-20

This is to certify that

ONURSAN CO.,LTD

Address : Aydinli – Birlik OSB Mahallesi 2.Sokak No:4 Tuzla, Istanbul, Turkey, 34953

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 inspection and maintenance of Fire extinguishing equipment and systems
,Self Contained Breathing Apparatus**

This certificate is valid until **2023.01.25**

Issued at **Busan** on **2020.03.10**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team



CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOFI-0014-20

This is to certify that

ONURSAN CO.,LTD

Address : Aydinli – Birlik OSB Mahallesi 2.Sokak No:4 Tuzla, Istanbul, Turkey, 34953

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 inspection and maintenance of Fire extinguishing equipment and systems
,Self Contained Breathing Apparatus**

This certificate is valid until **2023.01.25**

Issued at **Busan** on **2020.03.10**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team



APPENDIX I

No. : HDOFI-0014-20

ONURSAN CO., LTD is authorized service supplier by this Society to carry out the periodical control of foam concentrates in accordance with MSC.1/Circ. 670, 798, 1312 as amended.





CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

No. : HDOLS-0018-20

This is to certify that

ONURSAN CO.,LTD

Address : Icmeler, Rauf Orbay Cad. Gul Sok. No:8 Tuzla-Istanbul, Turkey

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, Inflatable rescue boats

Maintenance, thorough examination, operational testing, overhaul and repair of Lifeboats, Rescue boats, Launching appliances, Release gear

This certificate is valid until **2023.01.25**

Issued at **Busan** on **2020.03.10**

See the appendix for details regarding manufacturer authorizations, etc

KOREAN REGISTER

General Manager of
Survey Team



APPENDIX I

No. : HDOLS-0018-20

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

The Approval is granted for following brands in valid only;

A. Manufacturer(s) of lifeboat, rescue boat, launching appliances, release gear / Type

- SHIGI SHIP BUILDING CO., LTD. /

SZ series, FEL series, VOX series, GARS series, OPEN type, release gear

- 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

* ARLDseries :

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

- DENIZSAN / Filika Mataforaları

- FASSMER-MARLAND LTD /

Davit launched totally enclosed lifeboat :

DRAGON 26C/ 26T/32C/32T/38C/38T, GMR 6.5/-T6.5/7.4/-T7.4, HH57C/57T/65C/65T/70C/70T, CLR-C5.9/T5.9

Freefall lifeboat :

GAR 6.7/-T6.7/7.4/-T7.4, CFL-C49(E)/T49(E)/C66(E)/T66(E)/C72(E)/T72(E)/C77(E)/T77(E)/C83(E)/T83(E)

Rigid rescue boat : RR4.2/4.2-M, RRH4.2, RR4.2 ID

Fast rigid rescue boat : FRR6.1ID/6.2ID

On load release gear : Duplex 2.5/2.5E/25E2/5.0/5.0E/50E2, HH43

Pivot davit : FPD-D60/D68/DH68, SRH70

Freefall davit : FFH49/49D/66/66D/72/77/83

Freefall ramp : FLR49/66/72

Rescue boat crane : FSAR 14/3.5HS/4.0/3.5HS/21/4.0HS/25, FSARR 14/3.5HS/21/4.0HS/22/4.0HS, FMAH 22KN

Winch for pivot davit : DEW 15-24/15-35/15-44, D52L/R, DW34S/Z, MW50/50C

Winch for freefall davit : FW35

Winch for rescue boat crane : DEW 150/450, RZ25

- GEPA - FIBERGLASS INSUDTRY and TRADE CO., INC. /

FREEFALL LIFEBOAT : G-FFF1 and G-FFF1-FP, G-FFF2 and G-FFF2-FP, G-FFF3 and G-FFF3-FP

TOTALLY ENCLOSED LIFEBOATS :





APPENDIX I

No. : HDOLS-0018-20

G-F6K and G-F6K-FP, G-F4K and G-F4K-FP, G-F3K and G-F3K-FP
PARTIALLY ENCLOSED LIFEBOAT : G-F6YK, G-F4YK, G-F3YK and G-F3YK-T
OPEN TYPE LIFEBOAT : G-F5, G-F2, G-F1, G-F6, G-F4, G-F3
SERVICE and UTILITY BOATS :
G-GSB3, G-GSB4, G-GSB2, G-GSB1
G-F5-UB, G-F2-UB, G-F1-UB, G-F6-UB, G-F4-UB, G-F3-UB
RESCUE BOATS and HOOK RELEASE DEVICES :
G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, G-K2

- GURDESAN Gemi Mak. San. Ve Tic. A.S /
Rescue Boat/Life Raft/Provision Cranes (All types)
Free Fall Davits (Launching and Retrieval systems) (All types)
Side Launching Davits (All types)
Accommodation Ladder and Gangway (All types)

- HOEI SENPAKU CO., LTD. /
HS650, HS650F, HS520, HS520F, SO, SM, FO, FM

- HLB (ex. Hyundai Lifeboats) Co., Ltd. and BADA Heavy Industries (ex. D.R.M) Co., Ltd.
Lifeboat Gravity Type(Enclosed) :
HD32T/F, HD44T/F, HD60T (Discontinued)
HDL65-85CT/F(A), HDL85CNT/F, HDL71CTR/CFR, HDL75CTR/CFR, HLB65T/F, HLB105F
Lifeboat Freefall Type :
HDFL740T/F, HDF25T/F, HDF32T/F (Discontinued)
HDFN25T/F, HDFN35TF
Rescue Boat : HDR420, HDR475, HDR570
Fast Rescue Boat : HDFR600, HDFR680
Release Mechanism For Gravity Lifeboat : Talon II 4.0/6.0T, Talon 9.0T
Release Mechanism For Freefall Lifeboat : THP, Talon 4.6T
Release Mechanism For Rescue Boat and Liferaft : BHR25S, BHA25S
Release Mechanism For Fast Rescue Boat : BHR35F, BHR60F, BHR80F
Davit Gravity Type :
BDH58S, BDH70S, BDH90S, BDH125S (Conventional type)
BDTD60P (Telescopic type)
BDHP95S(Semi gravity)
BDTW25S, BDRW100S (Roller track way)
BDM70S, BDM130S, BDM170S (Multi pivot)
BFOD90S (Out rigger-fixed Platform)
Davit Freefall Type :
HDFL740, HDF25/32t (Discontinued)





APPENDIX I

No. : HDOLS-0018-20

BDF25S, BDF35S (Out rigger-fixed Platform)
Davit Rescue Boat :
BHI-RLD25, BHI-RD42M, BDR6P (Discontinued)
BDR25S, BDR25U, BDR25F, BDR35S (Slewing-Single Arm)
BDA16S, BDA20S, BDA25S, BDA35S (A-frame)
Davit Liferaft :
BDL25S, BDL35S, BHL-LRD15M, BHI-RLD20M, BLR20S (Discontinued)

- IKNOW MACHINERY CO., LTD.(ex. TSUJI HEAVY INDUSTRIES CO., LTD.
Series of Davit : H, T, TC
Winch : EB, TC, OAP

- Jiangsu Jiaoyan Marine Equipment Co.,Ltd. (Jiangyin Xinjiang F.R.P Co., Ltd.) /
Free Fall Type :
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 Type :
GJ4.2, GJ4.25, GJ4.5, GJ5.0, GJ5.25, GJ6.0B-1, GJ6.10, GJ7.50, GJ8.0Q-2, GJ8.5Q-2
Gravity Type : JY-QFP-5.0, JY-QFP-5.25, JY-QFP-6.0A
JY-QFP-6.50, JY-QFP-7.0, JY-QFP-7.5
Gravity Type(Fire-protect)
JY-QFN-5.0, JY-QFN-5.25, JY-QFN-6.0A
JY-QFN-6.50, JY-QFN-7.0, JY-QFN-7.5
Gravity lufing arm type : JYL52/JYL55/JYL65/JYL85
Launching appliance : JYF55/JYF75/JYF90
Single arm davit : JYR21/JYRC21/JYR14/JYRH14/JYRH21
Winch Type : JYW42/JYW50/JYW70/JYW100

- JAPAN MARINE UNITED CORPORATION(IHI CRAFT, IHI AMTEC, IHI Marine United Inc.) /
LIFEBOAT GRAVITY :
GF80B/GF80C/GF80E/GF80F/GF80G/GF80H
GTR57(C,F)/GTR57JY(C,F)/GTC60C/GTC65(C,F)
GTC75(C,F)/GT65F/GT70F/GT75F
Others (JY series of Jiangsu Jiaoyan with JMU nameplate with JG shop inspection approval certificate)
LIFEBOAT FREEFALL : MU-FN-5.8J, MU-FF-5.8J, MU-FN-6.8J, MU-FF-6.8J
LIFEBOAT OPEN : S65A/S73A/S75A/80A/G73B/G73C/G75A/G80A
LIFEBOAT DAVIT GRAVITY : MUL52 (WINCH:MUW42R/MUW42L)
LIFEBOAT FREEFALL : MUF55J, MUF75J
RESCUE BOAT : MU-GJ4.5J





APPENDIX I

No. : HDOLS-0018-20

RESCUE DAVIT : MUR21J

- MANSEI INC. /

Davit : Series of M,H,HR,V,T and BD;Series of S,SR,R,RD;

Series of FH and FE; series of MFR and MGR

Winch : Series of W, RW, AW and BW; Series of SW and LW;

Series of o6 and FW

Release hook : Series of RH

- MIURA MACHINE CO., LTD. /

Davits : Series of SP,MV,GRA and SAR

Winches : Series of BH,BE and BA

- NISHI-F CO., LTD. / G-series, ML-series, F-series

- 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

- BOATBUILDING BRANCH QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD. /

Lifeboat Total enclosed : BH5,5A,5S,5SA,E500,E85,6,6A,6S,E670,7A,7B,8.

Lifeboat Freefall : BH-F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F570,F900

Rescue : BH-R4,R4S,R4SA,R5S,HR6,HR7

Davit Gravity Pivot : BD-PV50,PV60,PV60S,PV85,PV125,AR125,AR160S

Davit Freefall launching : BD-FF55,55A,55R,FF80,80A,80R,80B,FF66,FF67,FF85

Davit Single arm : BD-SA14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23

- SEKIGAHARA SEISAKUSHO LTD. /

Gravity type davit : SH, SFB, SHS, STS, SSS

Fee-fall lifeboat davit : SFS, SFA, SFB, SFC, SFD

Rescue boat davit : SJS, SJR

- SHIN MYUNG TECH CO., LTD. /

SM-LRD, SMRB and PVH, SMRB and LR, SMRBD-LSW

SMLRD-LSW, SMRB and LR-NLSW





APPENDIX I

No. : HDOLS-0018-20

- CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD. /
Gravity davit : LE55/LE65/LE85/LE100/LE138/LE170/HE65/HE85/HE100
Launching appliance davit : FH55/FH70/FH75/FH85/FH100
Single arm davit and crane : SAF14/SAFC21/SAFC25/SA32/HDCL2-6.5/HDCL3-6/HDCL3-10
Off-Shore davit : PL65/PL85/PL100/PL110/PL138
Fast rescue boat davit : LFR30/LFR35/LFRH30

- VEST DAVIT /

D-5000,H-20000,HNF-8500,F-10000,HN-9000,L-2500,H-6000,HN-9003,L-3500,H-9000,
HN-10000,PAP-3250,H-13000,HNC-11000/5500,PAP-5000,PAP-6000,PAP-9000,PAP-6000,
PAPH-7000,PAPH-6000,PL-200,PL-1000,PL-1500,PL-2000,PL-2501,PL3600R,PLi-2000,
PLA-850,PLAR-3600,PLAR-4000,PLAR-4500,PLAR-6500,PLD-4000,PLD-5000,PLH-4000,
PLR-3600,PLR-3601,PLR-3602,PLR-5000,PLR-5002,PLR-6000,PLR-7000,PLR-8001,
PLR-10002,PLR-12004,PLR-12005,PLR-15000,PLRH-5000,PLRS-361,PLRS-3602,
PLRS-4000,TDB-3603,TDB-5000,TDB-12000,TDB-12001,TSB-2500,TSB-2500L,TSB-10000

- ZHEJIANG HENGXIN SHIP EQUIPMENTS 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, SRN, LB, KN

- HATECKE SERVICE GmbH

(Fast) Rescue Boat : RB series
Launching appliances : FFA series, FFB, Gsp.O, GspFP, Gxp.FLH, W07,W10,W26
Lifeboats : GFF, GFF-T, GSAR, GSL, GLS-T
Release Gear : Duplex series, GFF-R series, RAFTI 2.5, Simplex series

- 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 :
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





APPENDIX I

No. : HDOLS-0018-20

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-LREH30, 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

- JIANGYINSHI BEIHAI LSA CO., LTD. /

BOAT : SERIES OF SC, JYB

HOOK : SERIES OF JYBHK

DAVIT: SERIES OF SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD

- MANABE ZOKI /

5000R/L, 7800R/L

- Wuxi Hai Hong Boat Making Co., Ltd. /

Totally enclosed life / rescue boat series :

HH50C / HH50T / HH53C / HH53T (QFP(H)5.3) / HH57C / HH57T

HH65C / HH65T / HH65T (QFP(H)6.5/QFN(H)6.5) / HH65CS / HH65TS(QFP6.5/QFN6.5)

HH70C / HH70T (QFP(H)7.0/QFN7.0) / HH75CS / HH75TS / (QFP7.5/QFN7.5)

HH75C(QFP(H)7.5) / HH80CS / 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 : GJ1618A / GJ618B

- Dongnam Marine Crane Co., Ltd.

Lifeboat davits and winches





APPENDIX I

No. : HDOLS-0018-20

B. Manufacturer(s) of liferaft/lifejacket

- ARIMAR
- ELLOIT
- FUJIKURA
- PLASTIMO
- RAIMAR
- REVERE
- RFD
- SAMGONG
- STOMIL
- TOYO
- UZEMIK
- ZODIAC-SOLAS
- ZODIAC-AVON





APPENDIX I

No. : HDOFI-0014-20

ONURSAN CO., LTD is authorized service supplier by this Society to carry out the periodical control of foam concentrates in accordance with MSC.1/Circ. 670, 798, 1312 as amended.

