



RINA  
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## CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. 2021/XT/01/1113-001

*This is to certify that*

**CANTAS DENIZCILIK YANGIN GUV.SIS.TIC.LTD.STI.**

EVLIYA CELEBI MAH. GENC OSMAN CAD. EBE SOKAK, NO:7, TUZLA  
Istanbul TURKEY

*Has been approved in compliance with the  
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"  
for the supply of the following services to ships and other units classed by RINA;*

- D - Surveys and maintenance of fire extinguishing equipment and systems
- E - Servicing inflatable liferafts, inflatable lifejackets, hydrostatic release units, inflatable rescue boats, marine evacuation systems
- H - Surveys and maintenance of self-contained breathing apparatus
- N - Servicing and maintenance of lifeboats, launching appliances, on-load release gear and davit-launched liferaft automatic release hooks

*Issued in Istanbul on*  
25/08/2021

*This Certificate is valid from the date of the initial audit until*  
17/08/2024

*This certificate consists of this sheet plus an attachment*



RINA

Volkan Kocyigit

**ATTACHMENT TO  
CERTIFICATE NO. 2021/XT/01/1113-001**

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**VALIDITY CONDITIONS**

This Service Supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the Service Provider is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

"SEE SERVICE SUPPLIER ANNEX "

Note 2: This Certificate is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment, defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

This Service Supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

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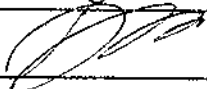

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-This certificate annuls and replaces previously issued certificate No.2021/XT/01/1113.

**INITIAL AND UNSCHEDULED AUDITS**

<b>Due date</b>	<b>Carried out on (dd/mm/yyyy)</b>	<b>Surveyor's signature</b>	<b>Surveyor's stamp</b>
	17/08/2021		 <small>Levent Kacar Marine Surveyor RINA Istanbul 13415</small>

Unscheduled			
Unscheduled			
Unscheduled			

**General conditions for the approval**

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and or other applicable rules
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval

**Volkan Kocyigit**



**Annex**  
**to Certificate of Approval of Service Supplier**  
**No. 2021/XT/01/1113**

DSB ENGINEERING CO.,LTD	Gravity Type L/B	DSB50F/C, DSB58F/C, DSB60F/C, DSB75F/C, DSB85F/C, DSB95F/C, DSB150F/C
	Gravity Type Davit	DSB60DL, DSB85DL, DSB138DL, DSB205DL,
	Hydraulic Type Davit	DSB150DYL,
	Freefall Type L/B	DSB49FF/FC, DSB59FF/FC, DSB75FF/FC
	Freefall Type Davit	DSB70DF, DSB85DF
	Rescue Boat	DSB40R, DSB60RA/RB
	Rescue Boat Davit	DSB23DR, DSB30ARH, DSB18/27DR
Jiangsu Jiaoyan Marine Equipment Co.,Ltd	Freefall L/B	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/N5.25, 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-10.90A
	Gravity Luffing Arm type Davit	JYL52, JYL55, JYL65, JYL85, JYL105, JYL135
	Launching Appliance	JYF55, JYF75, JYF90
	Platform Davit	JYP65, JYP85, JYP105, JYP135
	Single Arm Davit	JYR21, JYRC21, JYR14, JYRH14, JYRH21
	Electric Boat Winch	JYW42, JYW50, JYW70, JYW100, JYWP70, JYWP100, JYWP135
Ningbo Asia F.R.P. Boat Manufacture	Total Enclose/Rescue Boat Series	YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS, YZ65FS, YZ75C, YZ75F, YZ85C, YZ85F
	Freefall L/B	YZ49FC, YZ49FF, YZ59FF, YZ60FC, YZ60FF, YZ675FC, YZ675FF
	Rescueboat Series&Fast Speed R/B	YZ4.5S, YZ4.5, YZ60RA, YZ60RB



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	Gravity Luffing Arm type Davit	YZL55, L25, L50, L65, L65S, L85, L120
	Single Arm Davit	ZF23/15 DZ14 ZF33
	Freefall L/B	YZF55, YZF70
GURDESAN	Rescueboat/Liferaft/ Provision Crane	GD.RRS 15/3,5 GD.RRS 15/3,5A GD.RRS 21/4.0 GD.RRS 25/4.0 GD.RRS 25A GD.RRS 64A GD.RRS 64BGD.KHK 20/4-5-6-7-8-9-10 GD.KHK 30/6.5 GD.KHK 60/13.5
	Freefall Davits	GD.FFD IOC GD.FFD 20Y GD.FFD 12 GD.FFD 21 GD.FFD 12Y GD.FFD 21Y GD.FFD 15A GD.FFD 22 GD.FFD 18 GD.FFD 22Y GD.FFD 19 GD.FFD 25 GD.FFD 19A GD.FFD 25A GD.FFD 19C GD.FFD 25B GD.FFD 19E GD.FFD 25C GD.FFD 20 GD.FFD 26 GD.FFD 20B GD.FFD 28
	Side Launching Davits	GD.GR 20 GD.GR 25 GD.GR 40 GD.GR 43
	Acc. Ladders Gangways	GD.HBMA 30/50 GD.HBMK 30/5-6-7-8 GD.HBMK 40/5-6-7-8 GD.HBMK 50/5-6-7-8
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	JY 40KR, JY 4 2KR, JY 45 DR, JY 45KR, JY50R, JY54KR, JY 60KR, JY 65 KR, JY75KR, JY85KR
	Partially Enclosed Lifeboat	JY70P,JY80P,JY85P



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	Open Type Lifeboat	JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K
	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-PL 11 O, JY-PL 150, JY-PL 185, 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-TBD 120, JY-TBD 215, JY-TBD35
	Hydraulic Luffing Arm Type Davit	JY-GYE70, JY-G YE 120, JY-G YE 185
	Connecting Rod Type Davit	JY-GL70, JY-GL95, JY-GL 120, JY-GL 185
	Winch	JY-SAP14, JY-D23Z, JY-D23/ 16Z, JY-SAFC23, JY-D33 / 23Z, JY-SAF33, JY-LRHE30, JY-PLR21, JY-LFR2 7, JY-LRH E70 JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JY-D110S/Z, JY-DW125S, JY-DP110S/ Z, JY-DP150/Z, JY-DP185, JY-DP215
SANGSANGIN INDUSTRY CO., LTD. (Ex. DONGNAM MARINE CRANE Co., Ltd. and Dongnam Enterprise)	Davits	DH SERIES, DLRD, DSAD, PV combined
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed life / rescue boat series	HHS0C / HHS0T HH53C / HH53T( QFP(H)5.3 ) HH57C / HH57T HH65C / HH65T( QFP(H)6.5/QFN(H)6.5 ) HH70C / HH70T( QFP7.0/QFN7.0 ) HH75C( QFP(H)7.5 ) HH85C / HH85T HH65CS / HH65TS( QFP6.5/QFN6.5 ) HH75CS / HH75TS( QFP7.5/QFN7.5 ) HH80CS / HH80TS( QFP8.0/QFN8.0 ) HH85CS/HH85TS( QFP8.5/QFN8.5 )
	Freefall Lifeboat Series	HH59FC / HH59FF HH76FC / HH76FF



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	Rescue Boat Series	GJ4.5B / GJ4.5B 1
	High Speed Rescue Boat	GJ618A/ GJ618B
	Release Gear	HH76 / HH43 / HH30 / HH20
JIANGYINSHI BEIHAI. LSA CO.,LTD	TOTALLY ENCLOSED LIFEBOAT	BOAT: SERIES OF SC,JYB HOOK: SERIES OF JYBHK DAVIT: SERIES OF SAC,SA,FA,LA,BHGH,PD, FRH,EHRD,SRH,BHGP,RB,HB,HDC,ESAD
	RESCUE BOAT	
	FREE FALL LIFEBOAT	
	FAST RESCUE BOAT	
	OPEN TYPE LIFEBOAT	
	INFLATABLE FAST RESCUE BOAT	
	ASSOCIATED BOAT DAVITS	
	WINCHES	
Zhejiang Hengxin Ship Equipments Co., Ltd.	Lifeboat Series	BCC, BCF, BCFC, BCFF
	Rescue Boat Series	GJ, FRH, RH
	Release	HK
	Davit Series	FH, SA, HDC, LFR, LR, HE, PD,SRH, LB, KN
ARIM MACHINERY & ENG. CO.	DAVITS & LAUNCHING APP.	ALL TYPES
SHEYANG SAIFUTE MARINE AUXILIARY MACHINERY PLANT JIANG SU	DAVITS & LAUNCHING APP.	ALL TYPES
Shin Myung Tech Co.,Ltd	DAVITS & LAUNCHING APP.	SM-LRD , SMRB&PVH , SMBR&LR , SMBRD-LSW , SMLRD-LSW , SMRB&LR-NLSW



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	LIFERAFT DAVITS	
	RESCUEBOAT DAVITS	
	WINCH	
Zhenjiang West Marine Equipment Co. Ltd	Davits, Winches and Release Gear	SAD14 , SAD23M , SAD30 , LR30 , LRH35 , LRH75 , MGD185
BALDEN DENIZCILIK SAN.TIC.LTD.STI	Rescue Boats	BD-R01, BD-R02
	Totally Enclosed Lifeboats	BD-LBC1, BD-LBC2, BD-LBT1, BD-LBT2
	Freefall Lifeboats	BD-FFC1,BD-FFC2,BD-FFT1, BD-FFT2, BD-FFC505,BD-FFT505
	On Load Release Systems	BD-LBHR5, BD-LBHR10, BD-LBHR12
	Release Hooks	BD-HR1, BD-HR38
DENIZSAN	Free Fall Davit	DSFFD50
	Rescue Boat Davit	DSRBD21, DSRBHC21
	Fast Rescue Boat Davit	DSFRB21
	Pivoting Lifeboat Davit	DSFV3,5, DSFV7

MAKER-Launching appliance	ISO 23678 TYPE	MODEL
ACTA	Single arm stowing	DR-series
GURDESAN	Free fall hydraulic / el secondary	GD FFD-series
GURDESAN	Single arm stowing	GD-RRS-series
MJØSUND BÅT & HYDRAULIK	Single arm stowing	MIDGET-series
SCHAT DAVIT COMPANY	Free fall hydraulic / el secondary	FF-series
SCHAT DAVIT COMPANY	Gravity freefall primary	FF-series
SCHAT DAVIT COMPANY	Gravity Rollertrack	SPR-series
SCHAT DAVIT COMPANY	Gravity single and twin fall outrigger	FME-series
TTS	A-Frame hydraulic / single arm / telescopic	HL-series
VEST DAVIT	A-Frame hydraulic /	PLR-series





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	single arm / telescopic	
VIKING NORSAFE	Hydraulic / el pivoting and luffing	E-series
VIKING NORSAFE	Single arm slewing	NRC-series

Maker-Release Gear	ISO 23678 TYPE	MODEL
BC	Lifeboat on load lift not over center	U-HOOK-series
BC SERVICE	Davit launched life raft automatic	U-HOOK-series
D-I DAVIT INTERNATIONALHISCHE GMBH	Rescue boat offload	OHL-series
D-I DAVIT INTERNATIONALHISCHE GMBH	Rescue boat offload w. onload capability	RH-series
ERNST HATECKE	Freefall hydraulic	F-series
ERNST HATECKE	Rescue boat offload w. onload capability	SIMPLEX-series
FASSMER	Lifeboat on load lift not over center	DUPLEX-series
FERRI	Davit launched life raft automatic	1448 TN-series
GLOBAL DAVIT GMBH	Rescue boat offload	HRN-series
GLOBAL DAVIT GMBH	Rescue boat offload w. onload capability	HR-series
HENRIKSEN	Fast rescue boat offload	HMK-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO.LTD)	Fast rescue boat offload	JXN-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO.LTD)	Lifeboat on load lift not over center	JX-series
JIANGYIN NORSAFE	Rescue boat offload w. onload capability	K4-series
NADIRO	Lifeboat on load lift over center	DIB-series
NED DECK MARINE	Davit launched life raft automatic	CAR-series



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Maker-Release Gears	ISO 23678 TYPE	MODEL
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Freefall hydraulic	ML-series
NORSAFE	Freefall hydraulic	GES-series
NORSAFE	Lifeboat on load lift not over center	TOR-series, TOR MK-series
NORSAFE	Rescue boat offload	KD-series
PALFINGER	Davit launched life raft automatic	CAR-series
SCHAT HARDING	Rescue boat offload w. onload capability	RRH-series
SURVITEC	Davit launched life raft automatic	SLA-series
SURVIVAL CRAFT INSPECTORATE LTD.	Lifeboat on load lift not over center	SAFELAUNCH-series
TANNER	Davit launched life raft automatic	IRB-series
VIKING	Rescue boat automatic	CAR-series
VIKING NADIRO	Lifeboat on load lift over center	DIB-series

Make-Survival Crafts	ISO 23678 TYPE	type/model
AVON	Rescue boat, single fall	SR-series
DSB DEUTSCHE SCHLAUCHBOOT E	Rescue boat, single fall	IRB-series
ERNST HATECKE	Totally enclosed lifeboats	GFF-series
FASSMER	Rescue boat, single fall	RR-series
GEPA	Totally enclosed lifeboats	G-FFF-series
HARDING	Rescue boat, single fall	MOB-series
JIANGYIN NEPTUNE MARINEAPPLIANCE CO., LTD.	Totally enclosed lifeboats	NPT-series
MARITIME PARTNER	Fast rescue boat, single fall	WEEDO-series
NORMAR	Totally enclosed lifeboats	TELB-series
NORSAFE	Rescue boat, single fall	MIDGET-series
NORSAFE	Totally enclosed lifeboats	GES-series
SURVIVAL SYSTEMS INTERNATIONAL	Totally enclosed lifeboats	SURVIVAL CAPSULE-series
VIKING NORSAFE	Totally enclosed lifeboats	JYN-series



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Maker-Winches	ISO 23678 TYPE	MODEL
ACTA	Single Drum	KMER-series
DAVIT COMPANY	Twin Drum	FB-series
MJØSUND BÅT & HYDRAULIK	Single Drum	MV-series
SCHAT DAVIT COMPANY	Single Drum	FME-series
SCHAT DAVIT COMPANY	Twin Drum	BE-series
VEST DAVIT	Single Drum	C-series

LIFERAFTS	
SHANGHAI HUAXIANG DACHENG RUBBER & PLASTICS CO., LTD.	
Type	HAI YAN PAI HYF QJF
Shanghai Youlong Rubber Products Co., Ltd.	
Type	KHA - 6, 8, 10, 12, 15, 16, 20, 25, 30, 35 KHD-12, 15, 16, 20, 25, 30, 35 KHZD-15, 16, 20, 25, 30, 35, 37 KHR-6, 10, 25, 30, 50, 65, 100 KHK-6, 10, 25, 30, 50, 65, 100, 152 KHY-4, 6, 8, 10, 12 KHYJ-4, 6, 8, 10
YANTAI HUAYANG LIFESAVING EQUIPMENT MANUFACTURING CO., LTD.	
Type	HYF-A : 6/8/10/12/15/16/20/25/30/35/36/37 HYF-D: 10/12/15/16/20/25 HYF-U (I) : 4/6/8/10/12 HYF-U (II) : 4/6/8/10 HYF-Z: 6/10/12/15/16/20/25/30/35/37/50/65/100/100/101/125 HYF-K: 6/10/15/20/25/30/35/50/65/100
UZEMIK	
Type	PSN-MK

Shanghai Fang Zhan Fire Technology Co., Ltd	
Type	INFLATABLE LIFEJACKET IMMERSION SUIT EEBD : Emergency Escape Breathing Devices SCBA: Self-contained Positive Pressure Air Breathing Apparatus Fixed CO2 system and FM 200 CHEMICAL SUIT TPA: Thermal Protective Aid FIRE EXTINGUISHER