

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU094723WE

This is to certify that

ARC SHIP MANAGEMENT & CHARTERING LLC

Office 2311, 23th Floor, Clover Bay Tower, Business Bay
Dubai UNITED ARAB EMIRATES

*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:*

- E - Servicing of inflatable liferafts, inflatable lifejackets,
hydrostatic release units, marine evacuation systems**
- N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear**
- D - Inspection and maintenance of fire extinguishing equipment
and systems**
- H - Inspection and maintenance of self-contained breathing
apparatus**

Date of the audit: **11 Jan 2024**

Issued in **DUBAI**
on **19 Jan 2024**

This Certificate is valid from the date of the audit until

10 Jan 2027

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Shehab Mohamed EL MATBOULY

RINA Services S.p.A.



**ATTACHMENT TO
CERTIFICATE NO. SSU094723WE**

VALIDITY CONDITIONS

E - Servicing of inflatable liferafts, inflatable lifejackets, hydrostatic release units, marine evacuation systems

For Category (E) the approval is granted for the following equipment and manufacturers:

Approval for Life rafts servicing:

CSM - Shanghai Star Rubber Products:

- RAFT-A-6(II)/10(II)/I 5(II)/16(II)/20(II)/25(II);
- RAFT-D-12/16/20/25;
- SMLR-A-6/8/10/12/15/16/20/25/32;
- SMLR-A-4/6/8/10/12/16/20/25(1);
- SMLR-D-12/16/20/25/32;
- RAFT-SR-6/10/15/20/25/50/55/65;
- RAFT-DSR-16/20/25/32/37;
- RAFT-R-6/15/25/30/50/65/66/66*2/72/100;

Sea Air (NINGBO NEPTUNE LIFE-SAVING EQUIPMENT CO., LTD):

- ATOB-6/8/10/12/15/16/20/25/30/35;
- ADL-12/15/16/20/25;
- ASR-6/8/10/12/15/16/20/25/30/35/50/66/100;
- ADLSR-12/16/20/25/32/37/39;
- AOR-6/10/25/30/50/65/100/152;
- YSR-4/6/8/10/12;
- YT-4/6/8/10/12;
- YJT-4/6/8;

Shanghai Youlong Rubber Products Co., Ltd:

- KHA-6/8/10/12/15/16/20/25/30/35;
- KHZ-6/10/15/20/25/30/35/50/65/1 00/110/125/130;
- KHA-6/8/10/12/15/16/20/25/30/35/(II);
- KHD- 12/15/16/20/25/30/35;
- KHZD-15/16/20/25/30/35/37;
- KHR-6/1 0/25/30/50/65/100;
- KHK-6/1 0/25/30/50/65/100/152;
- KHY-4/6/8/10/12;
- KHYJ-4/6/8/10;
- KHY(SR)-4/6/8/10/12;

N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear



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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 supplier 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.

Note 2: This certificate of approval 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.

D - Inspection and maintenance of fire extinguishing equipment and systems

The company is approved for fire extinguishers and firefighting systems including:
- Dongfang Marine Fitting Co., Ltd.

H - Inspection and maintenance of self-contained breathing apparatus

The company is approved for EEBD and SCBA servicing including:
- Dongfang Marine Fitting Co., Ltd.

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



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Shehab Mohamed EL MATBOULY

RINA Services S.p.A.



Annex N

Security level: RINA/CL/SENSI

List of makes and types of equipment

Attached to Certificate No. 2023/WE/01/974

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

MAKE	TYPE acc. to ISO/PAS 23678	MODEL/SERIES
Qingdao Beihai Boatbuilding Co. ,Ltd.	Freefall lifeboat	BH-F6.0, F7.0A, F7.8, F8.1, F5.8
		F6.8, F660, F670, F750, F900/A
	Rescue boat	BH-R4, R4S, R4SA, R5S
	Totally enclosed lifeboat	BH-5,5A,5S,5SA,E500,E585,
		6,6A,6S,E670,7,8,9,10 series
	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)31, 50,63,75;	
	L(L/R)75, 125; SC14;21;30	
Gravity Lifeboat Release Gear	BG-3,3L,BG-7, BH-HOOK3,	
	HOOK5,FS5,FS7	
Freefall Lifeboat Release Gear	BG-3.5F,4F, 4.5F, 4.5FL, 5F, 6F	
Rescue Boat Release Gear	BG-2R;Wuxi Xingsheng 15,23,	
	25,35KN Hook	
FASSMER-MARLAND INT'I LTD - (ex Hai Hong Boat Making Co., Ltd.)	Totally Enclosed Lifeboat	DRAGON 26C, DRAGON 26T
		Tanker Version, DRAGON 32C,
		DRAGON 32T, Tanker Version,
		DRAGON 38C, DRAGON 38T
		Tanker Version, GMR 6.5, GMR-
		T6.5 Tanker Version, GMR 7.4,
		GMR-T7.4 Tanker Version,
HH57C (Hai Hong type), HH57T		



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List of makes and types of equipment

		(Hai Hong type) Tanker Version, HH65C (Hai Hong type), HH65T
		(Hai Hong type) Tanker Version, CLR-C5.9, CLR-T5.9 Tanker Version.
	Freefall lifeboat	GAR 6.7, GAR-T6.7 Tanker Version, GAR 7.4, GAR-T7.4 Tanker Version, CFL-C49 (E), CFL-T49 (E) Tanker Version,, CFL-C66 (E), CFL-T66(E) Tanker Version, CFL-C72(E), CFL-T72(E) Tanker Version, CFL- C77(E), CFL-T77(E) Tanker Version, CFL-C83(E), CFL-T83(E) Tanker Version
	Rescue Boat	RR4.2,RR4.2-M,RRH4.2,RR4.2 ID
	Fast Rescue Boat	FRR6.1 ID, FRR6.2 ID
	Lifeboat Release Gear	Duplex 2.5, Duplex 2.5E, Duplex 25E2, Duplex 5.0, Duplex 5.0E Duplex 50E2, HH43
	Pivot Davit	FPD-D60, FPD-D86, FPD-DH68, SRH70,
	Freefall Davit and Ramp	FFH49 , FFH49D, FFH66, FFH72, FFH77, FFH83, FLR49, FLR66, FLR72
	Rescue Boat Davit	FSAR 14/3HS, FSAR14/3.5HS , FSAR4.0/3.5HS, FSAR21/4.0HS, FSARR21/4.0HS, FSARR22/4.0HS FMAH22KN, FSAR25
	Winch for Pivod Davit	DEW 15-24, DEW 15-35, DEW 15- 44, D52L/D52R, DW34S/DW34Z
	Winch for freefall Davit	FW35
	Winch for Rescue Boat Davit	DEW 150, DEW 450, RZ25
HAI HONG BOAT MAKING CO.,Ltd.	Totally Enclosed Lifeboat	HH57C, HH57T Tanker Version, HH65C, HH65T Tanker Version HH70C, HH70T Tanker Version
	Lifeboat Release Gear	HH43



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JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD	Freefall 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-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-7.5A, JY-
		QFP/N-8.00, JY-QFP/N-8.5, JY-
		QFP/N-8.5X , JY-QFP/N-9.35, JY-
	QFP/N-10.90A	
Hook	JX & JXN Series	
Gravity Luffing Arm Type Davit	JYL52/JYL55/JYL65/JYL85/JYL105	
	JYL135	
Launching Appliances	JYF55/JYF75/JYF75-B/JYF90	
Platform Davit	JYP65/JYP85/JYP105/JYP135	
Single Arm Davit	JYR21, JYR21S-A, JYRC21,	
	JTR14, JYRH14, JYRH21, JYR26,	
	JYR30, JYR23	
Electric Boat Winch	FW45/JYW42/JYW50/JYW70	
	JYW100/JYWP70/JYWP100	
	JYWP135/JYW35/JYRZ21	
NINGBO ASIA F.R.P BOAT MANUFACTURING CO., LTD	Rescue Boat	YZ4.5, YZ4.5S, YZ4.5SA, YZ60RB, YBJ4.5
	Totally Enclosed Life/Rescue Boat	YZ50C, YZ50F, YZ65C, YZ65F, YZ65CS,
		YZ65FS, YZ60FF, YZ75C, YZ75F
	Freefall Lifeboat	YZ49FC, YZ49FF, YZ59FC, YZ59FF, YZ60FC,
		YZ60FF, YZ675FC, YZ675FF
	Gravity Luffing Arm Davit	L25, L50, YZL-55, L65, L65S, LE-85-1
	Electrical Life/Rescue Boat Winch	DS25, DZ25, DS40, DS/Z25, YZD-42S,
		YZD-42Z, DS58, DZ58, D50S, D50Z,
D63S, D63Z		
Single-Arm Rescue Boat/ Liferrafts Davit	ZF21/15 DZ14, ZF21/15 DZ14	
	ZF23/15 DZ14, ZF23/15 DZ14	



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		ZF33 DZ25, B21/14, B21/14-2.5	
	Free-Fall Lifeboat Davit	YZF55, YZF70	
ORIENTAL INSPECTION & SERVICES CO., LTD.	Gravity Type Davit	HGD Series, HGK Series, SHS Series, RTD series, DHA Series, DMA Series,	
	Winch	BWE Series, SWE Series, WL Series	
	Freefall Davit and Winch	FD Series, WL Series	
	Rescue/Liferaft Davit & Winch	RD Series, RDW Series	
	Gravity Luffing Arm Davit	14KN/25KN/50KN/60KN/90KN/100KN/120KN 15KN/40KN/30KN/110KN/48KN/110KN/55KN 70KN	
SHEYANG SAIFUTE MARINE AUXILIARY MACHINERY PLANT - JIANGSU	Single Arm Davit	10KN/14KN/SFTSA10DS/21KN/25KN/40KN 21KN/25KN	
	Hydraulic Slewing Boat/Raft Davit	SFT -14KN /FCD3T*10M/25KN*10M	
	Fast Rescue Boat Davit	SFT-AFR25	
	VADYAR BOAT PVT LTD	Totally Enclosed Lifeboat	VB 9.2 mtr; VB 8.5 mtr
		Partially Enclosed Lifeboat	VB 8.5 mtr; VB 7.5 mtr
Rescue Boat		VB 4.5 mtr	
Fast Rescue Boat		VB 4.7 mtr	
Davit and Winch		VB 10 Ton	
Single Arm Davit and Winch		VB 1 Ton	
Life/Rescue Boat Release Gear		VB	
WUXI HAI HONG BOAT MAKING Co., LTD	Totally Enclosed Life/Rescue boat	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	HH59FC/HH59FF, HH76FC/HH76FF
	Rescue Boat	GJ4.5B/GJ4.5B1	
	High Speed Rescue Boat	GJ618A/GJ618B	
Release Gear	HH76/HH43/HH30/HH20		



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