

# CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU007723XB

*This is to certify that*

## **MAPAMAR COMÉRCIO E SERVIÇOS LTDA**

Rua Ricardo Machado, nº 156 A - São Cristóvão  
20921-270 Rio De Janeiro RJ BRAZIL

*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:*

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

*Date of the audit:* **08 Mar 2023**  
*Issued in* **RIO DE JANEIRO**  
*on* **16 Mar 2023**

*This Certificate is valid from the date of the audit until*  
**25 Apr 2026**

*This certificate consists of this sheet plus an attachment.*



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

**Alex MEDAWAR**  
**RINA Services S.p.A.**



RINA Services S.p.A.  
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## ATTACHMENT TO CERTIFICATE NO. SSU007723XB

### 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 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.

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### ***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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**Alex MEDAWAR**  
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**RINA Services S.p.A.**



# Annex N

## List of makes and types of equipment

Attached to Certificate No. SSU007723XB

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:

Technician	Manufacturer	Equipment Type	Equipment Model	Certificate number
Marcio Castello Branco	JIANGYINSHI BEIHAI LSA CO.,LTD	Boat series:	SC+JYB	
		Hook series:	JYBHK	JYBH111128-03
		Davit series:	SAC+SA+FA+LB+LA+BHGH+PD+FRH+EHRD+SRH+BHGP+RB+HB+HDC +ESAD	
Henrique G. Alves	CRALOG: Authorized Service Provider	Equipment Type Listed on the Technician Certificate	Equipment Model Listed on the Technician Certificate	#2018/00450
Marcio Castello Branco				#2013/00152
Mauricio F. Assumpção				#2022/00860
Vagner Simas				#2018/00497
Gabriel Domingos Costa				#2022/00894
Rafael Goulart F. do Amaral	Hyundai - BADA Lifeboats, Rescue Boats, Davits and Engines of HLB (ex- Hyundai Lifeboats) and BADA Heavy Industries (ex-D.R.M.)	LIFEBOATS & RESCUE BOATS:	HD; HT; HDL; HLB; HDF; HDFL; HDFN; HDR; HDFS	HDL 22-SC-119
Vitor E. Hamelmann				HDL 21-SC-120
Gabriel Domingos Costa		RELEASE MECHANISM HLB:	THP; Talon; Talon II	HDL 22-SC-137
		DAVITS SERIES BADA:	DRM; BDH; BDDT; BDHP; BDTW; BDRW; BDM; BFOD	
			HDFL; HDF; BFD; BDR; BDH; BDA; BDFA; BDL; BDR; BLR; BHI	
		WINCHES SERIES BADA:	DRM; DRBW; BAW; BDF; BHI; BLR; BLW; BMW;	
			BRW; BWL; BWR; FHW	
		RELEASE MECHANISM BADA:	BDR; BHA; BHR	
Marcio Castello Branco	SEIKIGAHARA SEISAKUSHO	Davit Launching Appliances including Free Fall Lifeboats, Fast Rescue Boats and Davit Launched Liferrafts manufactured by Seikigahara Seisakusho Ltd.	SH+SFB+SHS+STS+SSS+SFS+SFA+SFC+SFD+SJS+SJR	H-SE-902A
Mauricio F. Assumpção				H-SE-903A
Marcio Castello Branco	VESTDAVIT Lifesaving Appliances, Lifeboats, Davits & On Load Release Gear	DAVITS:	D-5000; F-10000; H-6000; H-9000; H-13000; H-20000	VD-276
Mauricio F. Assumpção			HN-9000; HN-9003; HN-10000; HNC-11000/5500	VD-279
Gabriel Domingos Costa			HFN-8500; L-2500; L-3500; PAP-3250; PAP-5000	VD-275
Jose Luiz Silva Soares			PAP-6000; PAP-9000; PAP-16000; PAPH-7000	VD-280
Rafael Monteiro			PAPH-6000; PL-1200; PL-1000; PL-1500; PL-2000	
			PL-2501; PL-3600R; PLI-2000; PLA850; PLA-2500	
			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; PCR-10002; PLR-12004; PLR-12005	
			PLR-15000; PLRH-5000; PLRS-3601; PLRS-3602	
			PRLS-4000; TDB-3603; TBD-5000; TBD-12000	
			TBD-12001; TSB-2500; TSB-2500L; TSB-10000	
Gabriel Domingos Costa	ORIENTAL INSPECTION & SERVICES CO	HINGED GRAVITY TYPE		OPCO-222016
		DAVIT SERIES:	HGD; HGK; SHS; RTD; DHA; DMA	
		WINCH SERIES:	BWE; SWE; WL	
		FREE FALL DAVIT & WINCH SERIES:	FD; WL	
		RESCUE / LIFERAFT DAVIT & WINCH SERIES:	RD; RDW	
Rafael Monteiro	JIANGSU JIAOYAN MARINE EQUIPMENT CO	FREE FALL LIFEBOAT:	JY--FN-4.9; JY-FF-4.9; JY-FN-5.8; JY-FF-5.8	JSJY2201-03
Felipe Silva			JY-M-FN-6.65; JYM-FF-6.65; JY-FN-6.8; JY-FF-6.8	JSJY2201-02
			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; GJ6.10	
			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/N6.0A	
			JY-QFP/N-6.50; JY-QFP/N-7.0; JY-QFP/N-7.5; JY-QFP/N7.50A	
			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 SERIES:	JX & JXN	
		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; JYR14; JYRH14; JYRH21; JYR26	
			JYR30; JYR23	
		ELECTRIC BOAT WINCH:	FW45; JYW42; JYW50; JYW70; JYW100; JYWP70; JYWP100	
			JYWP135; JYW35; JYR21	