



Certificate of Approval

Authorizing a Service Supplier engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

No. RJN0/GLM/20230711001229

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions
Délivrée dans le cadre des Conditions Générales de la Marine & Offshore du Bureau Veritas

Company:

MAPAMAR COMERCIO E SERVICOS LTDA

Company address*:

Rua Ricardo Machado, 156
São Cristóvão, Rio de Janeiro-RJ, Brasil
CEP 20921-270

Scope of the approval:

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear as per the list included in the attached Schedule of Approval

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Company's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533 and of IMO Resolution MSC.402(96).

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Approval.

The Certificate is valid until**: 16 May 2026

Completion date of the assessment on which this certificate based: 17 May 2023

At: Rio de Janeiro-RJ, Brazil on 11 July 2023

Bureau Veritas Surveyor's signature :



**BUREAU VERITAS
MARINE & OFFSHORE**

Marcos Rogerio Glad

By Order of the Secretary

* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.


La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables


Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

SCHEDULE OF THE APPROVAL

1-List of equipment : Makes and Types/Models

Equipment	Make	Type/Model	Manufacturer's Licence/Recognition N° (if applicable)
Boat Series (Type indicated in each Certificate)	CRALOG: Authorized Service Provider	SC+JYB	#2018/00450 #2013/00152 #2022/00860 #2018/00497 #2022/00894
LIFEBOATS & RESCUE BOATS	Hyundai - BADA (HLB (ex- Hyundai Lifeboats) and BADA Heavy Industries (ex-D.R.M.))	HD; HT; HDL; HLB; HDF; HDFL; HDFN; HDR; HDRF	HDL 22-SC-119 HDL 21-SC-120
RELEASE MECHANISM HLB	Hyundai Lifeboats) and BADA Heavy Industries (ex-D.R.M.))	THP; Talon; Talon II	HDL 22-SC-137
DAVITS SERIES BADA	Hyundai Lifeboats) and BADA Heavy Industries (ex-D.R.M.))	DRM; BDH; BDTD; BDHP; BDTW; BDRW; BDM; BFOD HDFL; HDF; BFD; BDR; BDH; BDA; BDFA; BDL; BDR;BLR; BHI	-
WINCHES SERIES BADA	Hyundai Lifeboats) and BADA Heavy Industries (ex-D.R.M.))	DRM; DRBW; BAW; BDF; BHI; BLR; BLW; BMW; BRW; BWL; BWR; FHW	-
RELEASE MECHANISM BADA	Hyundai Lifeboats) and BADA Heavy Industries (ex-D.R.M.))	BDR; BHA; BHR	-
Davit Launching Appliances including Free Fall Lifeboats, Fast Rescue Boats and Davit Launched Liferafts	SEIKIGAHARA SEISAKUSHO	SH+SFB+SHS+STS+SSS+S FS+SFA+SFC+SFD+SJS+S JR	H-SE-902A H-SE-903A 1120 1119
Lifesaving Appliances, Lifeboats, Davits & On Load Release Gear	VESTDAVIT	D-5000; F-10000; H-6000; H-9000; H-13000; H-20000 HN-9000; HN-9003; HN- 10000; HNC-11000/5500 HFN-8500; L-2500; L-3500; PAP-3250; PAP-5000 PAP-6000; PAP-9000; PAP- 16000; PAPh-7000 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	VD-276 VD-279 VD-275 VD-280 

		TBD-12001; TSB-2500; TSB-2500L; TSB-10000	
HINGED GRAVITY TYPE	ORIENTAL INSPECTION & SERVICES CO	-	OPCO-222016
DAVIT SERIES	ORIENTAL INSPECTION & SERVICES CO	HGD; HGK; SHS; RTD; DHA; DMA	-
WINCH SERIES	ORIENTAL INSPECTION & SERVICES CO	BWE; SWE; WL	-
FREE FALL DAVIT & WINCH SERIES	ORIENTAL INSPECTION & SERVICES CO	FD; WL	-
RESCUE / LIFERAFT DAVIT & WINCH SERIES	ORIENTAL INSPECTION & SERVICES CO	RD; RDW	-
FREE FALL LIFEBOAT	JIANGSU JIAOYAN MARINE EQUIPMENT CO	JY--FN-4.9; JY-FF-4.9; JY- FN-5.8; JY-FF-5.8 JY-M-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	JSJY2201-03 JSJY2201-02
RESCUE BOAT	JIANGSU JIAOYAN MARINE EQUIPMENT CO	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	JIANGSU JIAOYAN MARINE EQUIPMENT CO	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	JIANGSU JIAOYAN MARINE EQUIPMENT CO	JX & JXN	-
GRAVITY LUFFING ARM TYPE DAVIT	JIANGSU JIAOYAN MARINE EQUIPMENT CO	JYL52; JYL55; JYL65; JYL85; JYL105; JYL135	-
LAUNCHING APPLIANCES	JIANGSU JIAOYAN MARINE EQUIPMENT CO	JYF55; JYF75; JYF75-B; JYF90	-
PLATFORM DAVIT	JIANGSU JIAOYAN MARINE EQUIPMENT CO	JYP65; JYP85; JYP105; JYP135	-
SINGLE ARM DAVIT	JIANGSU JIAOYAN MARINE EQUIPMENT CO	JYR21; JYR21S-A; JYRC21; JYR14; JYRH14; JYRH21; JYR26 JYR30; JYR23	-
ELECTRIC BOAT WINCH	JIANGSU JIAOYAN MARINE EQUIPMENT CO	FW45; JYW42; JYW50; JYW70; JYW100; JYWP70; JYWP100 JYWP135; JYW35; JYRZ21	
DAVIT SERIES	IKNOW MACHINERY CO. LTD	H; T; TC	
WINCH SERIES	IKNOW MACHINERY CO. LTD	EB; TC; OAP	

TOTALLY ENCLOSED LIFEBOAT	NISHI-F CO LTD	EML-18; CML-19; CML-20; CML-21; CML-22; CML-23; CML-25; CML-27; G-48ATR; G-54ATR; G-63ATR; G-65BTR; G-73DTR; G-80CTR; G-90BTR	H-NF-1120 H-NF-1119
PARTIALLY ENCLOSED LIFEBOAT	NISHI-F CO LTD	PML-22; PML-35	-
FREE FALL LIFEBOAT	NISHI-F CO LTD	FF-65; FF-65S; FF-72; FF-72S	-
RESCUE BOAT	NISHI-F CO LTD	F-43	-
FIRE PROTECTED LIFEBOAT	NISHI-F CO LTD	CML-19S; CML-20AS; CML-21S; CML-22A; CML-23S; CML-25AS; CML-27AS; G-54AFR; G-63AFR; G-65BFR; G-73DFR; G-80CFR	-
OPEN TYPE LIFEBOAT	NISHI-F CO LTD	NF-73A; NF-75; G-73C	-
LIFEBOATS & RESCUE BOATS	SHIGI SHIPBUILDING CO LTD	SZ-series; FEL-series; VOX-series; GAR-series; Open Type	H-SZ-1120 H-SZ-1119

2- Certified Quality System in accordance with ISO 9000 series: ☒ Yes ☐ No

3- List of Subsidiaries / Agents covered by this certificate

4- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported .
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates , without written notification to the Society.
- Where the periodic audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

5- Other conditions

The personnel of the Service Supplier who have been assessed by this Society are listed here below, any alteration to this list must be informed to the Society for the updating of the corresponding Certificate.

Technician name and position:

Supervisor Marcio Castello Branco

Supervisor Henrique G. Alves

Supervisor Maurício F. Assumpção

Supervisor Vagner Simas

Supervisor Gabriel Domingos Costa

Supervisor Rafael Goulart F. do Amaral

Supervisor Vitor E. Hamelmann

Supervisor Jose Luiz Silva Soares

Supervisor Rafael Monteiro

Supervisor Felipe Silva



6- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place:

Date:

