



RINA
Via Corsica, 12 - 16128 Genova
Tel. +39 010 53851
Fax +39 010 5351000

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. 2021XB01183

This is to certify that

METALOCK DO BRASIL LTDA.

RUA VISCONDE DO RIO BRANCO 20/26
SANTOS - SP 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;*

- F - Surveys and testing of radio communication equipment and Automatic Identification Systems (AIS)
- J - Annual performance testing of Voyage Data Recorders (VDR) and simplified Voyage Data Recorders (S-VDR)
- N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

Issued in Rio de Janeiro on
06/09/2022

This Certificate is valid from the date of the initial audit until
02/08/2025

This certificate consists of this sheet plus an attachment

RINA

RINA Alex Medawar
Marine Surveyor
RINA Brasil
3789

Alex Medawar
RINA Services S.p.A.

3) MATEUS JUSTINO

Manufacturer: Consilium Expire date: Dec 31, 2023
Models: VDR / SVDR F1
Manufacturer: Highlander; Expire date: Aug 13, 2023
Models: HLD-B2/S2, HLD-VDR600/SVDR600
Manufacturer: MACGREGOR
Models: VDR G4 [e];
Manufacturer: Orolia BV Netwave Expire date: Jan 29, 2023
Models: VDR NW6000; NW6000S
Manufacturer: Samsung Expire date: Feb 27, 2023
Models: SVDR-PRO; SVDR-300; SVDR-500
Manufacturer: WARTSILA
Models: VDR4360; Expire date: Sep 9, 2023

Highlander models: HLD-A2/S / HLD-B2/S2

4) SILVIO PEDRO ALVES

Kelvin Hughes VDR systems, Wartsila models: VDR 4350/4360, Highlander models: HLD-A2/S / HLD-B2/S2 / HLD-VDR600 / HLD-SVDR600
Rafael Roberto Gama:
Wartsila models: VDR 4330 / 4340 / 4350 / 4360 / DEBEG 4300, Highlander models: HLD-A2/S / HLD-B2/S2
Dulcicleide da Silva Santos:
Highlander models: HLD-A2/S / HLD-B2/S2

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 following list of makes and types of equipment:

Authorizations for Service "N":

1) Anderson Antonio Oliveira de Santos

Maker: D-I DAVIT INTERNATIONAL-HISCHE Expire date: Dec, 2023
Authorization: Annual and Five yearly inspections of basic systems on: Platforms, cargo ships, ferries, tugs.
Excluded equipment: fast rescue craft davits, arctic/ice-classed davits, and systems equipped with USV.

Maker: HOEI SENPAKU CO., LTD Expire date: September 30,2023
Models: HS650, HS650F, HS520, HS520F, SO, SM, FO, FM

Maker: SAL Navigation Expire Date: May 01, 2023
VDR/SVDR F1, F2, S1

Maker: IKNOW MACHINERY CO., LTD Expire date: September 30,2023
Davit: H, T, TC
Winch: EB, TC, OAP

Maker: JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD Expire date: Nov 1, 2023

Maker: SEKIGAHARA SEISAKUSHO LTD Expire Date: Sep 30, 2023
Gravity Type davit: SH, SFB, SHS, STS, SSS
Free Fall lifeboat davit: SFS, SFA, SFB, SFC, SFD
Rescue Boat davit: SJS, SJR
Winch: SNW, SWE

Maker: SHIGI SHIPBUILDING CO., LTD. Expire Date: Sep 30, 2023
SZ Series, FEL Series, VOX Series, GARS Series, OPEN Type, and release gear;

Maker: SURVIVAL SYSTEMS INTERNATIONAL
Maintenance and Repair of:
CA2100, CA3600 and CA6000 systems.
W1402, W2800, W5000;

2) Diego Aguiar de Souza

Maker: BEIHAI Expire Date: Sep 18, 2022
Lifeboat:
Total Enclosed: BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8.
Freefall: BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900A
Rescue: BH-R4, R4S, R4SA, R5S, HR6, HR7

Davit:
Gravit Pivot: BD-PV50, PV60, PV60S, PV85, PV125;
Freefall launching: BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67, FF85
Single Alarm: BD-SA14/A/B; 21/A; 23/30/A; 33; SH23, FA36; RBD966

Winch: BW-H(L/R)31,50,63,75; L(L/R)75, 125; SC14; 21

Release Mechanism:

Gravity Lifeboat: BG-3,3L,BG-7; BH-HOOK3, HOOK5, FS5 FS7
Freefall lifeboat: BG-3.5F,4F, 4.5F, 4.5FL, 5F, 6F;
Rescue Boat: BG-2R, 15KNXS, 25KNXS, 35KNXS

Maker: FASSMER-MARLAND LTD. Expire Date: Mar 31, 2024

HAI HONG BOAT MAKING CO., LTD:
Lifeboat: HH5 7C, 57T; HH 65C, 65T; HH 70C, 70T
LRRS: HH 43
FASSMER-MARLAND LTD:

FASSMER-MARLAND LTD.

MAKE DESCRIPTION TYPE REMARK

LIFEBOATS

Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 26C
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 26T Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 32C
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 32T Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 38C
Fassmer-Marland Davit launched totally enclosed lifeboat DRAGON 38T Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat GMR 6.5
Fassmer-Marland Davit launched totally enclosed lifeboat GMR-T6.5 Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat GMR 7.4
Fassmer-Marland Davit launched totally enclosed lifeboat GMR-T7.4 Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat HH57C (Hai Hong type)
Fassmer-Marland Davit launched totally enclosed lifeboat HH57T (Hai Hong type) Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat HH65C (Hai Hong type)
Fassmer-Marland Davit launched totally enclosed lifeboat HH65T (Hai Hong type) Tanker Version

Fassmer-Marland Davit launched totally enclosed lifeboat HH70C (Hai Hong type)
Fassmer-Marland Davit launched totally enclosed lifeboat HH70T (Hai Hong type) Tanker Version
Fassmer-Marland Davit launched totally enclosed lifeboat CLR-C5.9
Fassmer-Marland Davit launched totally enclosed lifeboat CLR-T5.9 Tanker Version
Fassmer-Marland Freefall lifeboat GAR 6.7
Fassmer-Marland Freefall lifeboat GAR-T6.7 Tanker Version
Fassmer-Marland Freefall lifeboat GAR 7.4
Fassmer-Marland Freefall lifeboat GAR-T7.4 Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C49(E)
Fassmer-Marland Freefall lifeboat CFL-T49(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C66(E)
Fassmer-Marland Freefall lifeboat CFL-T66(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C72(E)
Fassmer-Marland Freefall lifeboat CFL-T72(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C77(E)
Fassmer-Marland Freefall lifeboat CFL-T77(E) Tanker Version
Fassmer-Marland Freefall lifeboat CFL-C83(E)
Fassmer-Marland Freefall lifeboat CFL-T83(E) Tanker Version
RESCUE BOATS/FAST RESCUE BOATS
Fassmer-Marland Rigid rescue boat RR4.2 / RR4.2-M
Fassmer-Marland Rigid rescue boat RRH4.2
Fassmer-Marland Rigid rescue boat RR4.2 ID
Fassmer-Marland Fast rigid rescue boat FRR6.1 ID
Fassmer-Marland Fast rigid rescue boat FRR6.2 ID
ONLOAD RELEASE GEARS/LIFEBOAT RELEASE & RETRIEVAL SYSTEM
Fassmer-Marland Onload release gear Duplex 2.5
Fassmer-Marland Onload release gear Duplex 2.5E
Fassmer-Marland Onload release gear Duplex 25E2
Fassmer-Marland Onload release gear Duplex 5.0
Fassmer-Marland Onload release gear Duplex 5.0E
Fassmer-Marland Onload release gear Duplex 50E2
Fassmer-Marland Onload release gear HH43 (Hai Hong type)
DAVITS/CRANES
Fassmer-Marland Pivot davit FPD-D60
Fassmer-Marland Pivot davit FPD-D68
Fassmer-Marland Pivot davit FPD-DH68
Fassmer-Marland Pivot davit SRH70
Fassmer-Marland Freefall davit FFH49
Fassmer-Marland Freefall davit FFH49D
Fassmer-Marland Freefall davit FFH66
Fassmer-Marland Freefall davit FFH66D
Fassmer-Marland Freefall davit FFH72
Fassmer-Marland Freefall davit FFH77
Fassmer-Marland Freefall davit FFH83
Fassmer-Marland Freefall ramp FLR49
Fassmer-Marland Freefall ramp FLR66
Fassmer-Marland Freefall ramp FLR72
Fassmer-Marland Rescue boat crane FSAR 14/3.5HS
Fassmer-Marland Rescue boat crane FSARR 14/3.5HS
Fassmer-Marland Rescue boat crane FSAR 4.0/3.5HS
Fassmer-Marland Rescue boat crane FSAR 21/4.0HS
Fassmer-Marland Rescue boat crane FSARR 21/4.0HS
Fassmer-Marland Rescue boat crane FSARR 22/4.0HS
Fassmer-Marland Rescue boat crane FMAH 22KN
Fassmer-Marland Rescue boat crane FSAR 25
WINCHES
Fassmer-Marland Winch for pivot davit DEW 15-24
Fassmer-Marland Winch for pivot davit DEW 15-35
Fassmer-Marland Winch for pivot davit DEW 15-44
Fassmer-Marland Winch for pivot davit D52L/D52R
Fassmer-Marland Winch for pivot davit DW34S/DW34Z

Fassmer-Marland Winch for pivot davit MW50/MW50C for davit FPD-D60

Fassmer-Marland Winch for freefall davit FW35

Fassmer-Marland Winch for rescue boat crane DEW 150

Fassmer-Marland Winch for rescue boat crane DEW 450

Fassmer-Marland Winch for rescue boat crane RZ25

HAI HONG BOAT MAKING CO., LTD. (GUANGZHOU)

MAKE DESCRIPTION TYPE REMARK

LIFEBOATS

Davit launched totally enclosed lifeboat HH57C (Hai Hong type)

Davit launched totally enclosed lifeboat HH57T (Hai Hong type) Tanker Version

Davit launched totally enclosed lifeboat HH65C (Hai Hong type)

Davit launched totally enclosed lifeboat HH65T (Hai Hong type) Tanker Version

Davit launched totally enclosed lifeboat HH70C (Hai Hong type)

Davit launched totally enclosed lifeboat HH70T (Hai Hong type) Tanker Version

ONLOAD RELEASE GEARS/LIFEBOAT RELEASE & RETRIEVAL SYSTEM

Onload release gear HH43 (Hai Hong type)

Maker: HLB CO., LTD. Expire Date: Oct 20, 2023

LB & RB: Series of HD, HT, HDL, HLB; HDF, HDFL, HDFN; HDR & HDFR

Release Mechanism: Series of TPH, Talon & Talon II

Products Manufactured by BADA Heavy Industries Co., Ltd

Davit: Series of DRM, BDH, BDTD, BDHP, BDTW, BDRW, BDM & BFOD

Series of HDFL, HDF, BDF; BDR, BDH, BDA, BDFA; BDL, BDR, BLR & BHI

Winch: Series of DRM, DRBW, BAW, BDF, BHI, BLW, BMW, BRW, BWL, BWR, FHW & RLD

Release Mechanism: Series of BDR, BHA & BHR

Maker: ORIENTAL INSPECTION & SERVICE CO., LTD. Expire date: Nov 16, 2023

Davit: HGD Series, HGK Series, SHS Series, RTD Series, DHA Series, DMA Series

Winch: BWE Series, SWE Series, WL Series

Rescue / Liferaft davit & Winch: RD Series, RDW series

3) Henrique de Lima Andrade

Maker: HOEI SENPAKU CO., LTD Expire date: September 30,2024

Models: HS650, HS650F, HS520, HS520F, SO, SM, FO, FM

Maker: Japan Marine United Corporation Expire date: Sep 30,2024

Gravity and Free Fall Life Boat: Series of GF, GT, GTR, GTC, S, G, MU - FN, MU - FF

Gravity and Free Fall Davit: Series of MUL, MUF

Winch: Series of MUW

Rescue Boat: Series of MU - GJ

Rescue davit: Series of MUR

Others: JY series of Jiangsu Jiaoyan with JMU nameplate with JG Shop inspection approval certificate

Maker: KYORITSU KIKAI CO., LTD Expire date: Aug 26, 2023

Maker: MANSEI INC Expire date: Sep 30,2022

Type: Davit launching appliances manufactured by MANSEI INC & MIURA MACHINE CO., LTD

Maker: NISHI - F CO., LTD Expire date: Sep 30,2024

Lifeboat/Free fall lifeboat/rescue boat: NISHI-F CO., LTD.,

NISHI-NIPPON F.R.P SHIPBUILDING CO., LTD

and ISHIARA DOCKYARD CO., LTD

Type/Series: G-series, ML Series, F-Series

Maker: SEKIGAHARA SEISAKUSHO LTD Expire Date: Sep 30, 2024
Gravity Type davit: SH, SFB, SHS, STS, SSS
Free Fall lifeboat davit: SFS, SFA, SFB, SFC, SFD
Rescue Boat davit: SJS, SJR

4) Heric Lima Bezerra

Maker: BEIHAI Expire Date: Sep 18, 2022

Lifeboat:

Total Enclosed: BH-5, 5A, 5S, 5SA, E500, E585, 6, 6A, 6S, E670, 7A, 7B, 8.
Freefall: BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900A
Rescue: BH-R4, R4S, R4SA, R5S, HR6, HR7

Davit:

Gravit Pivot: BD-PV50, PV60, PV60S, PV85, PV125;
Freefall launching: BD-FF55, 55A, 55R, FF80, 80A, 80R, 80B, FF65/66/67, FF85
Single Alarm: BD-SA14/A/B; 21/A; 23/30/A; 33; SH23, FA36; RBD966

Winch: BW-H(L/R)31,50,63,75; L(L/R)75, 125; SC14; 21

Release Mechanism:

Gravity Lifeboat: BG-3,3L,BG-7; BH-HOOK3, HOOK5, FS5 FS7
Freefall lifeboat: BG-3.5F,4F, 4.5F, 4.5FL, 5F, 6F;
Rescue Boat: BG-2R, 15KNXS, 25KNXS, 35KNXS

Maker: GLOBAL DAVIT GmbH Expire date: Dec 05/2022

Lifesaving craft launching and recovery appliances:

For liferaft handling: Lms./Lgp./Lhs./Lht.
For rescue boat handling (single point suspended): Rms./Rhs./Rhp./Rht
For Fast rescue boat handling: Rhp.HC./Rhs.HC
For Freefall-lifeboat handling: Fhs.
For Life-/Rescue boat Handling (2-point suspended):
G(l/s)p.FP./G(l/s)p.MP./G(l/s)p.FP.h.G(l/s)p.FLh/G(l/s)p.TTh

Winches:

Liferaft/Rescue boat handling (single drum):
W01E, W01M, W02E, W02M, W04E, W04M, W08E, W08M
Fast rescue boat winches:
W05.HC, W06.HC, W08.HC, W14.HC
Life-/Rescue boat handling winches (two-drum):
W04L/R, W07L/R, W10L/R, W14L/R, W20L/R, W26L, W36L
Freefall-lifeboat handling winches: W02H, W06H

Release Gear

Off-load release type: HRN.12 HRN.28
Combined Off-load/Automatic release type: HRL.26

Maker: HATECKE Expire Date: Nov 30, 2022

(Fast) Rescue Boats : RB
Launching Appliances: FFA, GspFP
Lifeboats: GFF, GSAR, GSL
Release Gear: Duplex < 10t, GFF-R, Simplex

5) Robin Kilpatrick

Maker: HATECKE Expire Date: Oct 23, 2024

(Fast) Rescue Boats : RB

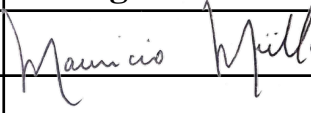

Launching Appliances: FFA, GspFP
 Lifeboats: GFF, GSAR, GSL
 Release Gear: Duplex < 10t, GFF-R, Simplex

6) Leandro Silva

Maker: HATECKE Expire Date: May 14, 2025
 (Fast) Rescue Boats : RB
 Launching Appliances: FFA, GspFP
 Lifeboats: GFF, GSAR, GSL
 Release Gear: Duplex < 10t, GFF-R, Simplex

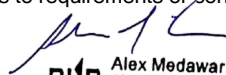
 Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the Service Provider is to be authorized by the Flag Administration under which the ship is registered. For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate 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.

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.

INITIAL AND UNSCHEDULED AUDITS			
Due date	Carried out on (dd/mm/yyyy)	Surveyor's signature	Surveyor's stamp
	02/08/2022		
<i>Unscheduled</i>			
<i>Unscheduled</i>			
<i>Unscheduled</i>			

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


RINA Alex Medawar
 Marine Surveyor
 RINA Brasil
 3789
Alex Medawar