



THE REPUBLIC OF LIBERIA

LIBERIA MARITIME AUTHORITY

AUTHORIZATION OF SERVICE PROVIDER

Issued under the provisions of Regulation 20.11.5 of Chapter III of International Convention For The Safety Of Life At Sea, 1974, ss amended, and MSC Resolution 402(96) by the Office of the Deputy Commissioner of Maritime Affairs of the Liberia Maritime Authority to

MARINAIR LIFERAFT CO., LTD

**KEIHIN SERVICE STATION, 18-11 Shiohama 2-chome, Kawasaki-ku,
Kawasaki, Japan**
**HANSHIN SERVICE STATION, 3-16 Nishiyangihara-cho, Hyougo-ku,
Kobe, Japan**

The above listed service provider has been audited and authorized to perform maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear on Liberian flagged vessels for the makes and types of equipment listed in Attachment A to this certificate, subject to the following conditions:

1. The service provider shall maintain a valid Approved Service Supplier Certificate issued by a class society recognized by the Liberian Administration verifying that the provider meets the requirements of Resolution MSC.402(96)
2. Service engineers shall have valid Authorization Certificates, issued by the Approved Service Provider or by the equipment manufacturer, which defines their level of qualification and the scope of the certification (e.g., makes and types of equipment).
3. The service provider shall maintain valid manufacturers' authorization certificate for all equipment to be inspected and serviced.

A copy of this Document shall be attached to each report of maintenance, thorough examination, operational testing, overhaul and repair of lifeboats, rescue boats, launching appliances and on-load release gear, along with copies of the Authorization Certificate for the service engineers who inspected and/or serviced the equipment, carried out on Liberian flagged vessels.

A copy of this Document shall be provided to the vessel's class society and/or Liberian nautical inspectors when requested.

This Authorization Document is valid until: December 31, 2022

Issued at Dulles, Virginia, USA

on December 28, 2019



Anthony Dupree, Jr.

Anthony Dupree, Jr.

for the Deputy Commissioner of Maritime Affairs, R.L



ENDORSEMENT FOR ANNUAL AND INTERMEDIATE AUDIT(S)

This is to certify that an audit required by Liberian Marine Operations Note 3-2019 the service provider was found to comply with the provisions of the Note:

Annual/Intermediate survey: Signed

(Signature of duly authorized official)

Place

Date.....

(Seal or stamp of the authority, as appropriate)

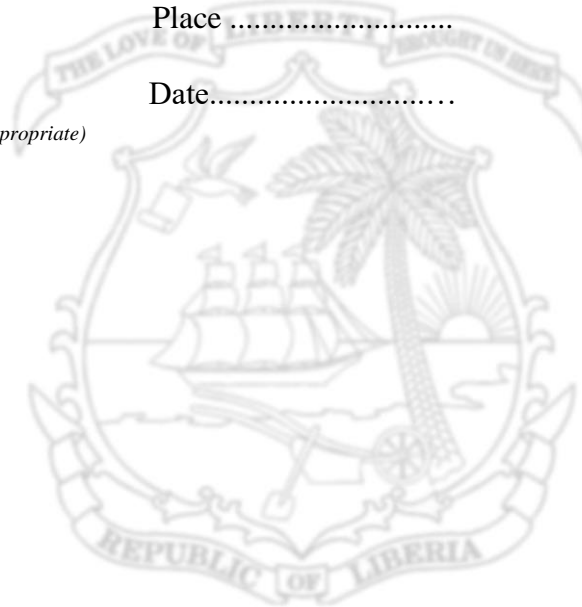
Annual/Intermediate survey: Signed

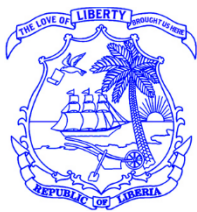
(Signature of duly authorized official)

Place

Date.....

(Seal or stamp of the authority, as appropriate)





AUTOHORIZATION OF SERVICE PROVIDER ATTACHMENT A

List of Manufacturers

MARINAIR LIFERAFT CO., LTD

Document No.: ASP-117-122819

Manufacturers and equipment types for which the service provider hold authorization

Manufacturer	Type of Equipment	Model/Series (list all series of the same equipment type if applicable)
Lifeboats		
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (Jiangyin Xinjiang F.R.P. Co., Ltd.)	Free Fall Type	JYM-FN-6.65, JYM-FF-6.65
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (Jiangyin Xinjiang F.R.P. Co., Ltd.)	Gravity Type	JY-QFP-5.0, JY-QFP-5.25, JY-QFP-6.0A, JY-QFP-6.50, JY-QFP-7.0, JY-QFP-7.5
Jiangsu Jiaoyan Marine Equipment Co., Ltd. (Jiangyin Xinjiang F.R.P. Co., Ltd.)	Gravity Type(Fire-protect)	JY-QFN-5.0, JY-QFN-5.25, JY-QFN-6.0A, JY-QFN-6.50, JY-QFN-7.0, JY-QFN-7.5
NISHI-F Co., Ltd. (Ex. Nishi Nippon F.R.P. Shipbuilding Co., Ltd.)	Lifeboat	ML series, F series
Ishihara Dockyard Co., Ltd.	Lifeboat	G series
Sanyo Works Co., Ltd.	Lifeboat	7.32M open type, KL-6.5TE, KL-6.5FP, TL-6.5TE, TL-5.7TE
Kambara Ringyo Co., Ltd.	Lifeboat	7.32M open type, KL-6.5TE, KL-6.5FP, TL-6.5TE, TL-5.7TE
Tsuneishi Forestry Construction Co., Ltd.	Lifeboat	7.32M open type, KL-6.5TE, KL-6.5FP, TL-6.5TE, TL-5.7TE
Tsuneishi Holdings Corporation Tsuneishi Forestry Construction Company	Lifeboat	7.32M open type, KL-6.5TE, KL-6.5FP, TL-6.5TE, TL-5.7TE
Rescue Boats		
NISHI-F Co., Ltd. (Ex. Nishi Nippon F.R.P. Shipbuilding Co., Ltd.)	Rescue boat	ML series, F series

Ishihara Dockyard Co., Ltd.	Rescue boat	G series
Launching Appliances		
MANSEI INC.	Davit	Series of M, H, HR, V, T, BD, S, SR, R, RD, FH, FE, MFR, MGR
MIURA MACHINE CO., LTD.	Davits	Series of SP, MV, GRA, SAR
Oriental Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	HGD series, HGK series, SHS series, RTD series, DHA series, DMA series
Oriental Precision & Engineering Co., Ltd.	Free Fall Davit	FD series, WL series
Oriental Precision & Engineering Co., Ltd.	Rescue / Liferaft Davit	RD series, RDW series
Winches		
MANSEI INC.	Winches	Series of W, RW, AW, BW, SW, LW, 06, FW
MIURA MACHINE CO., LTD.	Winches	Series of BH, BE, BA
Oriental Precision & Engineering Co., Ltd.	Hinged Gravity Type Winch	BWE series, SWE series, WL series
Oriental Precision & Engineering Co., Ltd.	Free Fall Winch	FD series, WL series
Oriental Precision & Engineering Co., Ltd.	Rescue / Liferaft Winch	RD series, RDW series
Release Gears		
MANSEI INC.	Release hook	Series of RH
Sanyo Works Co., Ltd.	Release gear	Fixed type hook, 43GS-1(A), 43GS-1(B), 43GS-1(C), 43GS-1(D)
Kambara Ringyo Co., Ltd.	Release gear	Fixed type hook, 43GS-1(A), 43GS-1(B), 43GS-1(C), 43GS-1(D)
Tsuneishi Forestry Construction Co., Ltd.	Release gear	Fixed type hook, 43GS-1(A), 43GS-1(B), 43GS-1(C), 43GS-1(D)
Tsuneishi Holdings Corporation Tsuneishi Forestry Construction Company	Release gear	Fixed type hook, 43GS-1(A), 43GS-1(B), 43GS-1(C), 43GS-1(D)