

APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000C61
Revision No:
3

This is to certify that

TISA Lifeboat & LA Services, S.A.

COLON, Panama

is granted acceptance for

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear , in accordance with Class Programme DNVGL-CP-0484.

This service supplier certificate will be accepted for use with all rule sets published by DNV GL.
See the following page(s) for details regarding application.

This Certificate is valid until **2022-11-06**.

Issued at **Panama City** on **2020-09-30**

for **DNV GL**

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Sterbs, Vladimirs
Station Manager

This Certificate may be withdrawn if:

1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Application:

This Service Supplier is approved for maintenance, thorough examination, operational testing, overhaul and repair of the following equipment:

Lifeboats (incl. freefall lifeboats)

Maker	Type/Series
GEPA - Fiberglass Industry & Trade Co. INC.	G-FFF1 & G-FFF1-FP, G-FFF2 & G-FFF2-FP, G-FFF3 & G-FFF3-FP- series G-F6K & G-F6K-FP, G-F4K & G-F4K-FP, G-F3K & G-F3K-FP- series G-F6YK, G-F4YK, F-F3K & G-F3YK-T-series G-F5, G-F2, G-F1, G-F6, G-F4, G-F3- series G-GSB3, G-GSB4, G-GSB2, G-GSB1, G-F5-UB, G-F2-UB, G-F1-UB, G-F6-UB, G-F4-UB, G-F3-UB- series G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, GK2- series
HLB (Ex, Hyundai Lifeboats) Co., LTD	HD, HT, HDL, HLB, HDFL, HDFN, HDR & HDFR-series
Jiangyinshi Beihai LSA Co., LTD	SC, JYB-series
Nishi-F Co., LTD (ex-Nishi Nippon F.R.P. Shipbuilding Co., Ltd.)	Lifeboat Open F-Series Lifeboat Totally enclosed G-Series/ ML Serie Lifeboat Partially G-Series/ ML-Serie Lifeboat Fire protected G-Series / ML-Serie Lifeboat Open G-Series
Viking Norsafe	JYN, Mathilda, Miriam, Minima, Maud, Maggie, Maxima, GES, Munin, Matrix, Merlin, Magnun, Mako, Maya- series

Rescue boats (incl. fast rescue boats)

MAKER	Type/Series
GEPA - Fiberglass Industry & Trade Co. INC.	G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, GK2- series
HLB (Ex, Hyundai Lifeboats) Co., LTD	HD, HT, HDL, HLB, HDFL, HN-series
Jiangyinshi Beihai LSA Co., LTD	SC, JYB-series

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Nishi-F Co., LTD (ex-Nishi Nippon F.R.P. Shipbuilding Co., Ltd.) / ex-Ishihara Dockyard Co., LTD	IHM, NS, SR, FF-series
Viking Norsafe	JYN, Mathilda, Miriam, Minima, Maud, S Maggie, Maxima, GES, Munin, Matrix, Midget, Merlin, Magnun, Mako, Maya-series

Release gear (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)

MAKER	Type/Series
GEPA - Fiberglass Industry & Trade Co. INC.	G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, GK2-series
HLB (Ex, Hyundai Lifeboats) Co., LTD	THP, Talon & Talon II-series
BADA Heavy Industries (ex,D.R.M) Co., LTD	BDR, BHA & BHR-series
Jiangyinshi Beihai LSA Co., LTD	JYBHK-series
Viking-Norsafe	Hook: Series K4-D, Series K4-D-FM, Series TOR MK2, Series TOR MK2-S-series

Lunching appliances (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts).

MAKER	Type/Series
BADA Heavy Industries (ex,D.R.M) Co., LTD	Davit: BDH, BDTD, BDHP, BDTW, BDRW, BDM, HDFL, HDF, BDF, BDR, BDH, BDA, BDFA, BDL, BDR & BHI- series Winch Series of BAW, BDF, BLW, BMW, BRW, BWL, BWR & FHW- series
Jiangyinshi Beihai LSA Co., LTD	SAC, SA, FA, LB, LA BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD-series Winch Series of D, DW, HW, JYBW, FFW-series

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MAKER	Type/Series
Viking - Norsafe	A, C, D, E, LH, LHD, H, HD, SW, NDA, NDC, NDSC, NDSC-R, NRB, NRC, NRC-R- series
Oriental Precision & Engineering Co., LTD	Davit: HGD , HGK , SHS , RTD , DHA , DMA, FD WL , RD , RDW-series Winch: BWE , SWE , WL , FD , WL , RD , RDW - series

Remarks:

Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.14.