

APPROVAL OF SERVICE SUPPLIERS

This is to certify that

ENG SAFETY LTDA

Rio De Janeiro, Brazil

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 DNV-CP-0484 and IACS UR Z17 Annex 1 [13].

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

This Certificate is valid from **2024-08-28** to (inclusive) **2027-08-27**.

This Certificate is issued on **2024-08-28**.



for **DNV**

This document has been digitally signed and will therefore not have handwritten signatures

Mendonça, Leila da Costa e Silva de
Surveyor

This Certificate may be withdrawn if: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.



Application:

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

LIFEBOATS (INCL. FREEFALL LIFEBOATS)	
Make	Model/ Series
ACEBI	TELB, PELB, series;PELB, series
AVON	RB, SR series
BALDEN	BD-LB series;BD-FFT, BDFFC series
DAFER / NARWHAL	SV series
DSB DEUTSCHE SCHLAUCHBOOTE	IRB series
DSB ENGINEERING CO LTD	DSBF, DSBC, series ;DSBFF, DSBFC series;DSBP series;DSBR, DSBRFA series
FASSMER / MARLAND	CL; CLX, CLR; GMR,, HH, Dragon series ;CFL series ;GAR-;CL-P, SEL, PLL, PLT, series;RR series;FRR series
GEPA	G-FK -FP, GFK series ;G-FFF series
HARDING	MCB series;FF series, MPC,CTL, ML series
HARDING (UMO E SCHAT HARDING)	FF series, MXL (Fiskars)
HATECKE	GSL series;GFF series ;PEL series ;RB series ;FRB series
HLB (HYUNDAI LIFEBOATS)	HDL, HLB, series ;HDR series
HYUNDAI	HDFN-T, HDFN-F series
IHI MARINE UNITED INC	GTC, GTR-F, GTC-C, GTC-F, GT-F,
JIANGSU JIAOYAN (JIANGYIN XINGJIANG F.R.P. CO., LTD)	JYFF, J
JIANGSU JIAOYAN (JIANGYIN XINGJIANG F.R.P. CO., LTD)	GJ, GJF,GZ series
JIANGSU JIAOYAN (JIANGYIN XINGJIANG) F.R.P. CO., LTD	JYQ- FP, JYQ- FN series;JYFF, JYFN series;JYFF, JYFN series
JIANGYIN NEPTUNE	NPT-R, NPT-RA, NPT-RB, NPT-RFA, series ;NPTR, NPTRA, NBTRB, NPTRFA series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-C, NPT-F, SC, series ;NPT-FF, NPT-FA NPT FC, NPT-FCA series
JIANGYIN WOLONG	JYDR, KYKR; series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD	JYCA, JYFA , JYC, JYF series ;JYCF,JYFF series ; JYK series ; JYP series ; JYDR, KYKR; series
JIANGYINSHI BEIHAI	JYB-F, JYB-C series;JYN-F , JYN-C series; JYB-FF, JYB-FC series;JY-FN series; JYB series; JYB-B; series; JYB-R, SC-KR, SC-K series ; GJ series ;JYB-G, JYB-Q series
JIANGYINSHI BEIHAI	JYB-FF, JYB-FC series
MULDER EN RIJKE (PALFINGER)	TELB series ;PELB, PELBT
MULDER EN RIJKE (PALFINGER)	PELB, PELBT
MARITIME PARTNER	Alusafe/Springer/seabear;weedo
MACLAREN	PB series
NED-DECK MARINE	NPT series;FRSQ series

NOREQ	LBT series ;LBF series; RRB series ;
PALFINGER	KISS-C. KISS-T, NPT-C, NPT-F, series ;FF, NPT-FF, NPT-FC series
QINGDAO BEIHAI	BH-C BH-T, Dolphin series ;BH-F series
SHIGI SHIPBUILDING CO LTD	SZBR/ BRS SZTR /TRS , series
SURVITEC	SC series ;FF series
SURVIVAL SYSTEMS INT	CA series
VANGUARDE	VG-C, VG-F, VG-HLB series ;VG-C, VG-F, VG-HLB; VG-KR, VG-DRS series
VERHOEF	DR series;FL 50 series;
VIKING NORSAFE	JYN series

RESCUE BOATS AND FAST RESCUE BOATS	
Make	Model/ Series
AVON	MOB
MARITIME PARTNER	Alusafe/Springer/seabear;weedo
NED-DECK MARINE	NPT series;FRSQ series
HARDING NOREQ	FRB series,
HATECKE	RB series
PALFINGER NOREQ	FRSQ , RRB
MARE SAFETY	FRB 700 /GTC 700
VANGUARDE	VG-DRS series
VIKING NORSAFE	Matrix, Midget, Merlion, Mako series, RIB rigid 500
JIANGSU JIAOYAN (JIANGYIN XINGJIANG F.R.P. CO., LTD)	GJ SERIES

RELEASE GEAR (FOR LIFEBOATS(INCL. FREEFALL), RESCUE BOATS, FAST RESCUE BOATS AND LIFERAFTS HOOK)	
Make	Model/ Series
BC SERVICE	U HOOK SERIES
JIANGYINSHI BEIHAI	JYB-HK-series
JIANGSU JIAOYAN	JX 3; JX 3.5T; JX SEIRES
JYANGYN NEPTUNE MARINE	NPT 30HK ; NPT-50-series, NPT-HAN-series, NPT-HKC-series, PN-HCK-series, PN-HKC-series
SCHAT HARDING	RRH 15 (QUICK RELEASE SERIES); ARH SERIES ; LH SERIES MKI and MKII; KH SERIES MKI and MKII; Fiskars F-Type;
HENRIKSEN	HMKST 3.5T OFFLOAD ; HMKRHI 12
HATECKE	Siimplex series
JYANGYN WOLONG	HK 40; HK-series, JX-1-series, LB80MRseries;HK 115; FHK 90 (SINGLE POINT - FREE FALL);
WUXI FACTORY	QUICK RELEASE HOOK 25KN -30KN-series, 31-37KNseries;
SURVITEC	SAFELAUNCH SERIES
PALFINGER NED DECK	CAR35 (QUICK RELEASE), CARF-35

KR HELLAS	Offload 35KN
VIKING NORSAFE	TOR MKII 5T, TOR SERIES NADIRO D.I.B-series
VANGUARDE	CSAFE 8.5MKII ; CSAFESERIES
JIANGYIN NEPTUNE	NPT63 HCK
HYUNDAI HLB	TALON MK 1-series, TALON MK 2-series

LAUNCHING APPLIANCES (FOR LIFEBOATS(INCL. FREEFALL), RESCUE BOATS, FAST RESCUE BOATS AND DAVIT LAUNCHED LIFERAFTS)	
Make	Model/ Series
AKITIEBOLAGE WELIN	ABW
ABAS	MBH A TYPE
CEC METALURGICA	FIX CRANE
DAVIT INTERNATIONAL	D-TF SERIES; D-NPS SERIES; SERIES P-series, PAP-series, PAPHseries, PL-series, PLAR-series, PLD-series, PLI-series, PLPseries,PLR-series
DONG NAM	DLB SEIRES
FASSMER	FLR SERIES
GLOBAL DAVIT	RHP-series, RHP.HC-series
JYANGYN WOLONG	LFR 27; FH155 (FREE FALL SYSTEM);JYTBD215; JY SAF ; JY-LFR-series, JY-LRHE-series, JY-PLR-series, JY DW series
PALFINGER NED DECK	PRH 100; PFH-series, PRH-series, PRHE series,PL-series
HARDING NOREQ	NPDS SERIES ; FFB SERIES; SCH-series, SCH-R-series, SCHDseries, SCM-L-series, SCM -Rseries; SA SERIES
WATERCRAFT	WOD series, MW series
MACGREGOR (TTS) HYDRAMARINE	G-TYPE-series, HMD A32 MK3-series; A-TYPE-series, HLD-series, HMCseries, HMD-series ;T-TYPE-series
MECANAVI	67500 SERIES, 67500H SERIES; 80P; 70P; TP 175
MIURA	MVD ; RBH
TTS	HL9D MOB3500
TECHLABOR	TH series
SCHAT DAVIT	SPMOB, FME series
VIKING (NORSAFE)	NDA SERIES ; NRB SERIES
VEST DAVIT	TDB500 ; C SERIES
HYDRAMARINE	HMD A32 MK; HMDA 15
ZOULLERAN	ZHP 4.13
ZHENJIANG WEST MARINE EQUIPMENT CO	LTDWME-LRH35-series

- 1 - Approved according to MSC.402(96)/ Corr.1 and IACS UR Z17, rev. 18;
- 2 - Neither agents, subsidiaries nor subcontractors are approved to carry out services on behalf of ENG SAFETY LTDA;
- 3 - Prior to beginning of each job, a valid personal certificate of service technician is to be presented and verified that it is covering all the maker and types to be serviced;



Certificate No: **AOSS0000MRT**

4 - The Service Report, the Approval of Service Supplier certificate and the personal certificates are to be left onboard upon completion of each job;

5 - Additional audits may be required if found necessary by the Class Society;

6 - It is company responsibility to inform DNV whenever there is modification of personnel qualification and manufacturer's approval.