

# APPROVAL OF SERVICE SUPPLIERS

Certificate No:  
**AOSS0000BEX**  
Revision No:  
**2**

**This is to certify that**

**North Sea Davit and Lifeboat Services B.V.**

**Vianen ut, Netherlands**

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 from **2020-10-05** to (inclusive) **2023-10-04**.

This Certificate is issued on **2021-02-22**.



for **DNV GL**

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

**Angenent, Maurice**  
**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This Certificate may be withdrawn if: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.

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.



Certificate No: **AOSS0000BEX**  
Revision No: **2**

## Application:

### Application:

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

### lifeboats (incl. freefall lifeboats)

Make	Model / Series
Fassmer	CL series, CFL Series, CLR Series, CLX Series, FRIR Series, FRR Series, GAR Series, GMR Series, PLL Series, PLT Series, RR Series, SEL Series, T-GMR Series
Fassmer Marland	CFL Series, CLR Series, Dragon Series, FRR Series, GAR Series, GMR Series, HH Series, RR Series
Gepa	FFF Series, FK Series, FP Series, G Series, GF Series, GFK Series, GHYK Series, GK Series, GSB Series
Greben	FFL Series, TEL Series
Hatecke	GFF Series, GSL Series
Hyundai	HD Series, HDFL Series, HDFN Series, HDL Series, HLB Series
Jiangsu JiaoYan Marine	JY Series, JYM Series, QFP Series
Jiangyin Neptune	NPT Series
Jiangyin Norsafe	JYN Series
Jiangyin Vanguard	JY Series
Jiangyin Wolong	JY Series
Jiangyin Xinjiang	GJ Series, JY series
Jiangyingshi Beihai LSA Co. LTD.	JYB Series, SC Series
Nishi-F (Ishihara)	C-E Series, CML Series, FF Series
Normar	Freefall Series, JY Series, Normar Series, TELB Series
Palfinger (Schat Harding, SEC, Harding, Watercraft, Mulder & Rijke, Noreq, Waterman, Fiskars, NDM, Ned-Deck, Schat Davits, Davit Company, Mills, Acta, Lar)	361, 363, 372, 374, 378, 382, 391, 393, CTL Series, EL Series, FF Series, KISS Series, LBF Series, LBT Series, MC Series, MCB Series, MCF Series, MCM Series, ML Series, MPC Series, MR Series, NPT Series, PELB Series, SP Series, TELB Series, TECB Series, Type B Series, Waterman Series, WH Series
Pesbo	BS Series, BSC Series, BSL Series
Qingdao Beihai	BH Series, BSL Series
Shigi Shipbuilding	FEL Series, SZ Series
Survival Systems International	CA Series, SZ Series
Stocznia Ustka	Z Series, FFB Series
Survitec	SC Series
Survival Craft Inspectorate	SC Series

Certificate No: **AOSS0000BEX**  
Revision No: **2**

Ustka S.A.	TELB Series
Vanguard	VG Series
Verhoef	FL Series
Viking (Norsafe, Nadiro)	8.5 Series, E-GES Series, Evolution Series, GES Series, JYN Series , Maggie Series, Maria Series, Mathilda Series, Maud Series, Maxima Series, Maya Series, Metis Series, Mina Series, Minima Series, Miriam Series, MKV Series, Munin Series, PE Series, Watercraft Series, WH Series
Wuxi Hai Hong	BH Series, BJ Series, HH Series
Wuxi Huahai	HH Series
Zhenjiang Marine	Y Series, YH Series

**Rescue boats (incl. fast rescue boats)**

<b>Make</b>	<b>Model / Series</b>
Boomeranger	C-500
Dayfer SL	Narwhal Series, SV Series
Deutsche Schlauchboot	IRB Series
Fassmer	CL series, CFL Series, CLR Series, CLX Series, GAR Series, GMR Series, SEL Series, T-GMR Series
Fassmer Marland	CFL Series, CLR Series, Dragon Series, FRR Series, GAR Series, GMR Series, HH Series
Gepa	GFRB Series, GRB Series
Greben	FFL Series, TEL Series
Hatecke	FRB Series, GSL Series, RB Series
Hyundai	HDR Series
Jiangsu JiaoYan Marine	GJ Series, JY Series
Jiangyin Neptune	SC Series
Jiangyin Norsafe	JYN Series
Jiangyin Vanguard	JY Series
Jiangyin Wolong	JY Series
Jiangyin Xinjiang	GJ Series, JY series
Jiangyingshi Beihai LSA Co. LTD.	JYB Series, SC Series
Maritime Partner	Alusage Series, Seabear Series, Springer Series, Weedo Series
Nishi-F (Ishihara)	C-E Series, CML Series, FF Series, G Series
Normar	FRC Series, JY Series, Normar Series, Rescue Series, TELB Series

Certificate No: **AOSS0000BEX**  
Revision No: **2**

Palfinger (Schat Harding, SEC, Harding, Watercraft, Mulder & Rijke, Noreq, Waterman, Fiskars, NDM, Ned-Deck, Schat Davits, Davit Company, Mills, Acta, Lar)	Flat Series, FRB Series, FRSQ Series, KISS Series, MCB Series, MOB Series, RB Series, RIBSEA Series, RSQ Series, SPURT Series, Stinger Series, WH Series
Pesbo	BR Series
Qingdao Beihai	BG Series
Shigi Shipbuilding	VOX Series
Stocznia Ustka	R Series, RIB Series
Survival Craft Inspectorate	IRB Series
Valiant	RB Series
Vanguard	VG Series
Viking (Norsafe, Nadiro)	Magnum Series, Mako Series, Matrix Series, Merlin Series, Midget Series, MOB Series, RB Series, RIB Series
Wuxi Hai Hong	GJ Series
Zhenjiang Marine	YH Series
Zodiac	FRB Series, Ribo Series

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

<b>Make</b>	<b>Model / Series</b>
Davit International Hische	OLH Series, RH Series
Fassmer	Duplex Series, Freefall
Fassmer Marland	Duplex Series, Freefall, HH Series
Gepa	Hydraulic
Global Davit	HR Series, HRL Series, HRN Series
Hatecke	Duplex Series, Hydraulic, Simplex Series
Henriksen	HCH Series, HCK Series, HMK Series
Hyundai	Talon Series
Jiangsu JiaoYan Marine	JX Series, JXN Series
Jiangyin Norsafe	MK Series, TOR Series, K4 Series
Jiangyin Vanguard	Freefall
Jiangyin Wolong	HK Series, FHK Series, KHK Series, LB Series, MR Series
Jiangyin Xinjiang	JX Series
Jiangyingshi Beihai LSA Co. LTD.	HK Series
LSA	H Series
Mad Rock	ROCLOC Series
Mansei (Miura)	RH Series
Navalimptanti	ARH Series

Certificate No: **AOSS0000BEX**  
Revision No: **2**

Normar	Freefall
Palfinger (Schat Harding, SEC, Harding, Watercraft, Mulder & Rijke, Noreq, Waterman, Fiskars, NDM, Ned-Deck, Schat Davits, Davit Company, Mills, Acta, Lar)	50 Series, ARH Series, CAR Series, FFH Series, FME Series, Freefall Series, H Series, H86 Series, LHR Series, LRH Series, MOB Series, RH Series, RRH, Series, SPR Series, SSR Series, TITAN Series, TOR Series
Qingdao Beihai	BG Series, BH Series
Servo Ship	Automatic Release Hook (ARH)
Shigi Shipbuilding	SRS Series, SZK Series
Survival Systems International	Triple 5, Suresafe
Survitec	SLA Series
Survival Craft Inspectorate	Safelaunch Series
Tanner	IRB Series
Verhoef	Twistlock
Viking (Norsafe, Nadiro)	Drop in ball, FF Series, GES Series, K4 Series, KD Series, SIM MK Series, TOR Series, TORMK Series
Wuxi Mingzi	31KN-37KN Series
Wuxi Shengou	150-T15

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

<b>Make</b>	<b>Model / Series</b>
Acebi	AF Series, GRA Series, PFD Series, SPG Series, TP Series, TPC Series, TPF Series
Bada	BD Series
Davit International Hische	D-CR Series, D-FH Series, D-FO Series, D-NP Series, D-RC Series, D-RT Series
Dongnam	DHGD Series, LR Series
Dongwoo	DBD Series, DWS Series
Fassmer	FDP Series, FFH Series, FHD Series, FLR Series, FMPD Series, FPD Series, FSARR Series
Fassmer Marland	FFH Series, FLR Series, FMAH Series, FPD Series, SRH Series, FSAR Series
Global Davit	FHS Series, GLP Series, GSP Series, LGP Series, LMES Series, LML Series, LMS Series, RHP Series, RHS Series, RHT Series, RMES Series, RMS Series, RSP Series
Greben	HD Series, HFF Series, RLC Series
Gürdesan	GD Series
Hai Hong Marland	FFH Series
Hatecke	FFA Series, FFB Series, GSP Series

Certificate No: **AOSS0000BEX**  
Revision No: **2**

Hydralift	HL Series
Hyundai	BD Series, FF Series
Jiangsu JiaoYan Marine	JY Series, JYF Series, P Series
Jiangyin Neptune	NPT Series
Jiangyin Wolong	FH Series, GL Series, HE Series, HSR Series, JY Series, LE Series, LFR Series, LRHE Series, PL Series, PLR Series, RE Series, SA Series, SAF Series, SAP Series, TBD Series
Jiangyin Xinjiang	FFH Series, JY Series
Jiangyin Xingcheng marine	21kN Series
Jiangyingshi Beihai LSA Co. LTD.	FA Series, FRH Series, HB Series, PD Series, SAC Series,
Mansei (Miura)	CM Series, D-FH Series, EBD Series, EH Series, EHR Series, EM Series, ET Series, EV Series, M Series, MFH Series, MVD Series, R series, RD Series, S Series, SR Series
Miura Vider	MVD Series
Navalimptianti	FOLS Series, GDMPD Series, LT Series, NT Series, SGHD Series, SGSHD Series, SPH Series, SPSTD Series, SPTD Series, SRR Series, UDR Series, UDSP Series
Oriental	FD Series, HGD Series, RD Series, SHS Series,
Palfinger (Schat Harding, SEC, Harding, Nordavit, Watercraft, Mulder & Rijke, Noreq, Waterman, Fiskars, NDM, Ned-Deck, Schat Davits, Davit Company, Mills, Acta, Lar)	21/14 Series, DR Series, FDA Series, FF Series, FFH Series, Fixed Outrigger Series, FME Series, FPG Series, GT Series, HP Series, HS Series, HT Series, JYF Series, LA Series, LAR Series, LT Series, MOB Series, MP Series, MS Series, MT Series, NPD Series, NPDL Series, NPDS Series, NRD Series, NT Series, OPD Series, ORD Series, PD Series, PFH Series, PIVOT Series, PRHE Series, RSD Series, SA Series, SAP Series, SB Series, SCH Series, SCM Series, SCT Series, SPB Series, SPFRM Series, SPG Series, SPLCH Series, SPLDH Series, SPMOB Series, SPR Series, SRR Series, ST Series, UDR Series, UDSP Series, UNIC Series, VIP Series
Pellegrini	30 Series
Qingdao Beihai	BD Series, LB Series
Sasebo	RB Series
Sekigahara	HGD Series, SHS Series
Servo Ship	1100 Series, 238 Series
Survival Systems International	Fixed Outrigger Series
Tsuji Heavy Ind.	H Series, H83 Series
Tsuneishi	H3S Series
TTS (NMF)	KD Series, BPK Series, PK Series

Certificate No: **AOSS0000BEX**  
Revision No: **2**

Ulstein Fama	HL Series
Vanguard	LE Series, PL Series
Verhoef	FL Series, Hydraulic Freefall Series
Viking (Norsafe, , Nadiro)	A Series, C Series, D Series, H Series, HD Series, E Series, GRA Series, LH Series, LHD Series, LHP Series, ND Series, NDA Series, NDC Series, NDSC Series, NRB Series, NRC Series, SPGL Series, SW Series
Wuxi Hai Hong	215DW Series
Wuxi Huahai Marine	HMD Series
Wuxi Shengou	SMD Series
Wuxi Xingsheng	SMD Series
Zhenjiang Marine	D Series, FH Series, GL Series, HE Series, LE Series, PL Series, RE Series

**Remarks:**

Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.14.  
Service Supplier is responsible for providing information on which equipment (make and model) each service engineer is qualified for conducting service on.