

APPROVAL OF SERVICE SUPPLIERS

This is to certify that

Marinspect Safety & Rigging AB

Landskrona, Sweden

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 **2024-09-23** to (inclusive) **2027-09-22**.

This Certificate is issued on **2024-09-24**.



for **DNV**

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

Shishkin, Yury
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This Certificate may be withdrawn if: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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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:

The service supplier is approved for maintenance, thorough examination, overhaul and repair of lifeboats, rescue boats, launching appliances and release gear as listed hereafter:

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
ABAS →SEE AUKRA MARITIME		
ACEBI	DAVIT	GRA
ACEBI	WINCH	TBE
ACTA →SEE PALFINGER		
ALUSAFE →SEE MARITIME PARTNER		
AQUA SAFETY	RESCUE BOAT	FRB
ARIM	DAVIT	AHA / AREH
ARIM	WINCH	ABW / EL B W
ARK SAFETY	RESCUE BOAT	FRB
ASTRA MARINE	RESCUE BOAT	FRB / MASSMAR
AUKRA INDUSTRIER →SEE AUKRA MARITIME		
AUKRA MARITIME (ABAS, AUKRA INDUSTRIER)	DAVIT	KD / MDE
BADA HI	DAVIT	BDF / BDH / BDR / RLD
BADA HI	WINCH	BWL / EHW
BC SERVICE (BIANCHI & CECCHI)	HOOK	U-HOOK
BREVINI	WINCH	PWD
BRUDE →SEE SURVITEC		
QINGDAO BEIHAI	LIFEBOAT	BH
QINGDAO BEIHAI	HOOK	BG
BIANCHI & CECCHI →SEE BC SERVICE		
CRANSTON-EAGLE	HOOK	APR
DAI JIN	DAVIT	GRAVITY LUFFING
DAI JIN	WINCH	DDW-H222-10
DAVIT COMPANY →SEE PALFINGER		
DAVIT INTERNATIONAL	DAVIT	D-CRC / D-CRH.R / D-CRM.FR / D-CRM.MOR / D-CRM.R / D-CRR / D-FH / D-NP / D-NP...MP / D-RC / D-RT / D-TF
DAVIT INTERNATIONAL	WINCH	02. / 03. / 04. / 06. / 12./ 18. / 21.
DAVIT INTERNATIONAL	HOOK	OLRH.21 / RH.20
DEUTSCHE SCHLAUCHBOOT – DSB	RESCUE BOAT	IRB
DONGNAM	DAVIT	DLB / DSAD
DONGNAM	WINCH	DSAD / DWR / HLW
DSB – DEUTSCHE SCHLAUCHBOOT →SEE DEUTSCHE SCHLAUCHBOOT		

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
DSB ENGINEERING	LIFEBOAT	DSB
DSB ENGINEERING	HOOK	NPT...HK
DSB ENGINEERING	DAVIT	DSB...DL
DSB ENGINEERING	WINCH	D...S / D...Z
ESVAGT RESCUE	RESCUE BOAT	FRB
FASSMER	LIFEBOAT	CFL / CL / CL (R) / CLX / CLX (R) / OPEN LIFEBOAT / SEL
FASSMER	RESCUE BOAT	FRIR / FRR / RR
FASSMER	HOOK	DUPLEX / OFF-LOAD / SIMPLEX
FASSMER MARLAND	LIFEBOAT	DRAGON
FASSMER MARLAND	DAVIT	FPD
FASSMER MARLAND	WINCH	DEW
FAST RSQ →SEE PALFINGER		
FISKARS →SEE PALFINGER		
GEPA	LIFEBOAT	G-FFF
GEPA	RESCUE BOAT	G-FRB / G-RB
GEPA	HOOK	G-FFRM / HYDRAULIC RELEASE
GLOBAL DAVIT	DAVIT	FHS / GSP / LMS / RHS / RMS
GLOBAL DAVIT	HOOK	HR.15 / HRL.26 / HRN.28LT
GLOBAL DAVIT	WINCH	W01 / W02 / W04 / W07 / W08 / W10 / W14 / W20 / W26
GREBEN	DAVIT	HFF
GÜRDESAN	DAVIT	GD-FFD / GD-KHK / GD-RR / GD-RRS
GÜRDESAN	WINCH	GD-FLW / HYDRAULIC
HARDING →SEE PALFINGER		
HATECKE	LIFEBOAT	GFF / GSL / PEL / TGR
HATECKE	RESCUE BOAT	FRB / RB
HATECKE	DAVIT	FFA / FFB / DFR / GSP
HATECKE	HOOK	DUPLEX / GFF-R / SIMPLEX 1,1 / SIMPLEX 1,85 / SIMPLEX 2.0I
HATECKE	WINCH	W07 / W10
HENRIKSEN	HOOK	HCH / HCHT / HHSM / HHSR / HLH / HMK / HMKF / HMKG / HMKR / HMKST / HMKTW / NORHMK / HRH
HYDRAMARINE →SEE MACGREGOR		
HYDRAMASKIN →SEE MACGREGOR		
HYDROMEGA	DAVIT	OMEGA
HYUNDAI	LIFEBOAT	75 M / HDFL / HDFN / HDL / HLB
HYUNDAI	RESCUE BOAT	HDR
HYUNDAI	DAVIT	FF / HDFL
HYUNDAI	HOOK	OFF-LOAD / TALON / TALON II
HYUNDAI	WINCH	BWR
IKNOW(TSUJI)	DAVIT	H
IKNOW(TSUJI)	WINCH	EB...L / EB...R

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
INI HYDRAULIC CO., LTD →SEE VIKING NORSAFE		
JIANGSU JIAOYAN (Jiangyin Xinjiang)	LIFEBOAT	JY-FF / JY-FN / JY-QFN / JY-QFP / JYM-FF / JYM-FN
JIANGSU JIAOYAN (Jiangyin Xinjiang)	RESCUE BOAT	GJ
JIANGSU JIAOYAN (Jiangyin Xinjiang)	DAVIT	JYF / JYH / JYHG / JYL / JYR / JYRC / JYRH
JIANGSU JIAOYAN (Jiangyin Xinjiang)	HOOK	JX-1 / JX-2 / JX-4 / JXN-1 / JXN-3
JIANGSU JIAOYAN (Jiangyin Xinjiang)	WINCH	FW / JYH / JYRZ / JYW
JIANGYIN NEPTUNE – NPT	LIFEBOAT	NPT -FF
JIANGYIN NEPTUNE – NPT	RESCUE BOAT	NPT – R / NPT – RB
JIANGYIN NEPTUNE – NPT	DAVIT	NPT – DF / NPT 21 / NPT 23
JIANGYIN NEPTUNE – NPT	HOOK	NPT 30 HK
JIANGYIN WOLONG	LIFEBOAT	JY..C / JY..F / JY..FF
JIANGYIN WOLONG	RESCUE BOAT	JY..KR
JIANGYIN WOLONG	DAVIT	JY FH / JY LE / SINGLE ARM SLEWING
JIANGYIN WOLONG	WINCH	EL. BOAT WINCH / JY FH / JY LE
JIANGYIN WOLONG	HOOK	FHK / HK / JY FF
JIANGYINSHI BEIHAI	LIFEBOAT	JYB..B / JYB..C / JYB..F / JYB..FC / JYB..FF / JYB..K
JIANGYINSHI BEIHAI	RESCUE BOAT	JYB..G / JYB..KR / JYB..Q / JYB..R / SC..K / SC..KR
JIANGYINSHI BEIHAI	DAVIT	FA / SAC
JIANGYINSHI BEIHAI	HOOK	JYBHK / JYBHK / JYBHKF
JIANGYIN XINJIANG →SEE JIANGSU JIAOYAN		
JIANGYINSHI BEIHAI	DAVIT	SAC
JIANGYINSHI BEIHAI	HOOK	JYBHK
JORGENSEN & VIK →SEE VIKING NORSAFE		
KGW SCHWERINER MASCHINENBAU GMBH	DAVIT	RBP
LSA SERVICE	HOOK	LSA-H 2.1
MACGREGOR (HYDRAMARINE, HYDRAMASKIN, NAVIRE)	DAVIT	HMC / HMD A / PIVOT GRAVITY / ROLLER TRACK GRAVITY
MACGREGOR (HYDRAMARINE, HYDRAMASKIN, NAVIRE)	WINCH	D03 / HMW / NCG..AU / NCG..AUW / NCG..EM / NCG..EMW
MANSEI	DAVIT	CM7 / M-3 / M-7 / M-8 / MFH / SR-2
MANSEI	WINCH	CMW-7 / MW-3 / MW-7 / MW-8 / SW-2
MANSEI	HOOK	RH-3
MARE SAFETY	RESCUE BOAT	DC / FRB / GTC / RB

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
MARITIME PARTNER (ALUSAFE, WEEDO)	RESCUE BOAT	ALUSAFE 700 / ALUSAFE 770 / ALUSAFE 900 / WEEDO 17 / WEEDO 600 / WEEDO 700 / WEEDO RESCUE 22
MILLS →SEE PALFINGER		
MULDER & RIJKE →SEE PALFINGER		
NADIRO →SEE VIKING NORSAFE		
NARWHAL →SEE VIKING NORSAFE		
NDM →SEE PALFINGER		
NED-DECK MARINE →SEE PALFINGER		
NEPTUN →SEE JIANGYIN NEPTUN – NPT		
NMF	DAVIT	BPK / BRK / KD
NOR DAVIT	DAVIT	BOS / LUFFING / OPD / RD / ROLLER / SDP
NOR DAVIT	WINCH	E / SP
NOREQ →SEE PALFINGER		
NORMAR →SEE VIKING NORSAFE		
NORSAFE →SEE VIKING NORSAFE		
NORSAFE JIANGYIN →SEE VIKING NORSAFE		
NPT →SEE JIANGYIN NEPTUN		
ORIENTAL	DAVIT	HGD / RDS
ORIENTAL	WINCH	BWE / RDM
PALFINGER (ACTA, DAVIT COMPANY, FAST RSQ, FISKARS, HARDING, MILLS, MULDER & RIJKE, NDM, NED-DECK MARINE, NOREQ, SCHAT DAVIT, SCHAT-HARDING, WATERCRAFT, WATERMAN)	LIFEBOAT	FF / KISS / LBT / M.S. / MCB / MCBR / MPC / PELB / PE-RB / TECB / TELB
PALFINGER (ACTA, DAVIT COMPANY, FAST RSQ, FISKARS, HARDING, MILLS, MULDER & RIJKE, NDM, NED-DECK MARINE, NOREQ, SCHAT DAVIT, SCHAT-HARDING, WATERCRAFT, WATERMAN)	RESCUE BOAT	FRSQ / MOB 17 / MOB OPEN RESCUE BOAT / MOBL / R / RR 4.2 / RSQ
PALFINGER (ACTA, DAVIT COMPANY, FAST RSQ, FISKARS, HARDING, MILLS, MULDER & RIJKE, NDM, NED-DECK MARINE, NOREQ, SCHAT DAVIT, SCHAT-HARDING, WATERCRAFT, WATERMAN)	DAVIT	06 LUFFING / DR12 / DR20 / DR35 / DRT / FFB / HD/25-2100 / HD/VIP / HFFS / HOTT-75 / HPLG / HSC / LA / LAR / LE / NPD / NPDS / NT / PFH / PRH / SA / SCH / SCM / SPLC / SPMOB / SPR / SRR / ST / VIP

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
PALFINGER (ACTA, DAVIT COMPANY, FAST RSQ, FISKARS, HARDING, MILLS, MULDER & RIJKE, NDM, NED-DECK MARINE, NOREQ, SCHAT DAVIT, SCHAT-HARDING, WATERCRAFT, WATERMAN)	WINCH	0.13 / 03.13 / 04 / 08 / 12-09 / 1-22 / 15 / 16 EV / 16KNT / 21-01 / 2-22 / 30KNT / 33KNT / BE / EW (FREE-FALL) / EW – PL / FME / HD/EW – PL / LW / HW CT / NPW SINGLE / NPW TWIN / NW / RW / W 2100 / W / WH / WP
PALFINGER (ACTA, DAVIT COMPANY, FAST RSQ, FISKARS, HARDING, MILLS, MULDER & RIJKE, NDM, NED-DECK MARINE, NOREQ, SCHAT DAVIT, SCHAT-HARDING, WATERCRAFT, WATERMAN)	HOOK	ARH / CAR / CAR..F / FFH / H-86-M-FF / KH / KH..M2 / LHR / LHR..M2 / OFF-LOAD QUICK RELEASE / RRH
PELLEGRINI	DAVIT	GRA
PELLEGRINI	WINCH	VAS
PESBO	LIFEBOAT	BSL
PESBO	RESCUE BOAT	BR
PESBO	HOOK	FF ON-LOAD
QINGDAO BEIHAI	LIFEBOAT	BH
QINGDAO BEIHAI	DAVIT	BD-FF / BD-SA
QINGDAO BEIHAI	HOOK	BG
RED ROCK	DAVIT	RDA / RDT
RED ROCK	WINCH	BREVINI PWD
RIB OFFSHORE →SEE VIKING NORSAFE		
SCHAT DAVIT →SEE PALFINGER		
SCHAT-HARDING →SEE PALFINGER		
SELANTIC →SEE VIKING NORSAFE		
SEZAMOR	DAVIT	ZUZW / ZZ ZOL / ZZ ZOT
SEZAMOR	WINCH	WL / WLT / WT
SEZAMOR	HOOK	HL-13 / HL-30 / HS-30
SHEYANG	DAVIT	SFT
SHEYANG	WINCH	EL. LIFEBOAT & RESCUE BOAT WINCH / EL. LIFEBOAT WINCH
SHIGI	LIFEBOAT	FEL / SZ
SHIGI	RESCUE BOAT	VOX
SHIGI	HOOK	SRS / SZK-5 / SZK-25 / SZK-30 / SZK-36 / WP
STOCZNIA USTKA →SEE USTKA SHIPYARD		
STEEN DECK MACHINERY	DAVIT	87.2-07
STEEN DECK MACHINERY	WINCH	87.2-07
SURVITEC (BRUDE, SURVIVAL CRAFT INSPECTORATE, ZODIAC)	RESCUE BOAT	EXPLORER / FRB / HD / RIBO

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
SURVITEC (BRUDE, SURVIVAL CRAFT INSPECTORATE, ZODIAC)	HOOK	SAFELAUNCH LRRS / SLA3.5
SURVIVAL CRAFT INSPECTORATE →SEE SURVITEC		
THANNER	HOOK	ILR
T-ISS	HOOK	PX01 31-37 KN / PX02 21-25 KN / PX03 15 KN
TSUJI →SEE IKNOW		
ULSTEIN FAMA	DAVIT	ZL / ZO
USTKA SHIPYARD (STOCZNIA USTKA)	LIFEBOAT	LRT / P8 / P9
USTKA SHIPYARD (STOCZNIA USTKA)	HOOK	OFF-LOAD QUICK RELEASE
VANGUARD	LIFEBOAT	VG
VANGUARD	DAVIT	VL / VL-G
VANGUARD	WINCH	DW / VWL
VANGUARD	HOOK	CSAFE
VESI-PEKKA →SEE WELIN		
VESTDAVIT	DAVIT	CL / P / PL / PLR / PW / TDB
VESTDAVIT	WINCH	A / C
VESTDAVIT	HOOK	LB
VIKING →SEE VIKING NORSAFE		
VIKING NORSAFE (INI HYDRAULIC CO, JORGENSEN & VIK, NADIRO, NARWHAL, NORMAR, NORSAFE, NORSAFE ARSNES, NORSAFE JIANGYIN, RIB OFFSHORE, SELANTIC, VIKING, WATERCRAFT HELLAS)	LIFEBOAT	GES / JYN / MAGGIE / MATHILDA / MAUD / MAXIMA / MINIMA / MIRIAM
VIKING NORSAFE (INI HYDRAULIC CO, JORGENSEN & VIK, NADIRO, NARWHAL, NORMAR, NORSAFE, NORSAFE ARSNES, NORSAFE JIANGYIN, RIB OFFSHORE, SELANTIC, VIKING, WATERCRAFT HELLAS)	RESCUE BOAT	470 GRP1 / FRB / MIDGET / MAKO / MAGNUM / MATRIX / MAYA / MERLIN / SV (FRB) / SV (MOB)
VIKING NORSAFE (INI HYDRAULIC CO, JORGENSEN & VIK, NADIRO, NARWHAL, NORMAR, NORSAFE, NORSAFE ARSNES, NORSAFE JIANGYIN, RIB OFFSHORE, SELANTIC, VIKING, WATERCRAFT HELLAS)	DAVIT	E / HD / LH / LHD / NDA / NDC / NDSC / NRB / NRC / NRC-R / SD
VIKING NORSAFE (INI HYDRAULIC CO, JORGENSEN & VIK, NADIRO, NARWHAL, NORMAR, NORSAFE, NORSAFE ARSNES, NORSAFE JIANGYIN, RIB OFFSHORE, SELANTIC, VIKING, WATERCRAFT HELLAS)	WINCH	HYDRAULIC, IYJ, NW

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
VIKING NORSAFE (INI HYDRAULIC CO, JORGENSEN & VIK, NADIRO, NARWHAL, NORMAR, NORSAFE, NORSAFE ARSNES, NORSAFE JIANGYIN, RIB OFFSHORE, SELANTIC, VIKING, WATERCRAFT HELLAS)	HOOK	1,6T / 1,8T / DIB / FHK / HRS / HYDRAULIC JACK / K4 / NFFH / RCH36 / TOR MK2
WATERCRAFT →SEE PALFINGER		
WATERCRAFT HELLAS →SEE VIKING NORSAFE		
WATERMAN →SEE PALFINGER		
WEEDO →SEE MARITIME PARTNER		
WELIN (VESI-PEKKA, WELIN LAMBIE)	DAVIT	ALL MODELS
WELIN (VESI-PEKKA, WELIN LAMBIE)	WINCH	ALL MODELS
WELIN (VESI-PEKKA, WELIN LAMBIE)	HOOK	ALL MODELS
WUXI HAI HONG	LIFEBOAT	HH..C / HH..FC / HH..FF / HH..T
WUXI HAI HONG	HOOK	HH43 / HH70
WUXI HUAHAI	WINCH	HMD
WUXI MINGZI (T-ISS)	HOOK	21-25KN / 250-T.. / 31-37KN / SWL15KN
WUXI XINGSHEN	HOOK	XS15 / XS21 / XS35
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	LIFEBOAT	BCFF
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	RESCUE BOAT	GJ
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	DAVIT	FHK / SA
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	WINCH	IYJ / DZ
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	HOOK	HK (FREE-FALL LIFEBOAT) / HK (RESCUE BOAT)
ZHENJIANG DH MARINE EQUIPMENT	WINCH	DW
ZHENJIANG HENGXIN SHIP EQUIPMENT	LIFEBOAT	BCC
ZHENJIANG HENGXIN SHIP EQUIPMENT	HOOK	HK / HK...-2
ZHENJIANG HENGXIN SHIP EQUIPMENT	DAVIT	LB
ZHENJIANG HENGXIN SHIP EQUIPMENT	WINCH	D...S / D...Z
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	DAVIT	FH / LE / SAF
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	WINCH	D / DP / DR / H / HYDRAULIC



Certificate No: **AOSS0000N06**

<u>Maker:</u>	<u>Equipment:</u>	<u>Type, Series or Range:</u>
ZODIAC → SEE SURVITEC		
ZOLLERN	WINCH	ZH / ZP / ZR

Remarks:

Approved in accordance with: MSC.402(96) Corr.1 & IACS UR Z17 Rev.14 2019