

APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000GCS
Revision No:
6

This is to certify that

West Inspection AS

Hareid, Norway

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 **2023-12-11** to (inclusive) **2026-02-27**.

This Certificate is issued on **2023-12-11**.



for **DNV**

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

Skarbø, Tor Egil
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This Certificate may be withdrawn if: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:

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

Lifeboats (incl. freefall lifeboats):

<u>MAKE</u>	<u>MODEL / SERIES</u>
Alexander Ryan	BH series
Acebi	TELB, PELB series
Beihai	BH, JYB series
Ernest Hatecke	PEL, GFF series
Fassmer	GFF, GMR, SEL, CLR series
Greben	PEL, TEL, FFL series
Harding Safety	LBT, MOB, LB series
Hyundai	HD series
Jiangsu Jiaoyan	JY, QFN, QFB, FF, FN series
Jiangsu Jiaoyan Marine	JY, JY-QFN, JY-QFB, JY-QFP, QFD, GJ, JY-FF / JY-FN series
Jiangyin	JY, JYN, QFN, QFP series
Jiangyin Neptune Marine	NPT series
Jiangyin Norsafe	JYN, GES series
Jiangyin Wolong	JY series
Jiangyin Xinjiang	JY series
Jiaoyan	JY, OFN, QFP, FF, FN series
Jørgensen & Vik	MOB, 850 series
Noreq	LBT, JY, LB, LBF series
Normar	TELB series
Norsafe	GES, JYN, Miriam series
Norsafe Jiangyin	GES, JYN, JYB, QFN, QFP, JY series
Palfinger	TELB, LB, JY, MCB, GES, JYN, MIRIAM, KISS, NPT, FF, CTL, MPC, LBT series
Schat Harding / Harding	KISS, LBT, FF, MPC, MCB series
Shigi	SZ, FEL, GARS series
Survival System International	Survival capsule
West Plast	WP series
Zhenjiang Marine	FH series

Rescue boats (incl. fast rescue boats):

<u>MAKE</u>	<u>MODEL / SERIES</u>
Buck Seasall	D170J
DSB	IRB, RB, DSB, SR series
Ernest Hatecke	RB, FRB series
Hansen Mekaniske Verksted AS	MS 700 FRB
Harding	HDFR, HDR, RRB, Stinger series
Hyundai	YZ, JYB, NPT, JY series
Jiangso Jiaoyan	GJ series
Jiangyin Neptune	NPT series
Jiangyin Norsafe	Midget, Merlin series
Jiangyin Wolong	JY series
Jiangyin Xinjiang	GJ series
Jiangyinshi Behai	BH, JYB, SC series
Mare Safety AS	FRB, GTC, RB, MS, DC series

Maritime Partner AS	Alusafe 700 MKII / 770 MKII / 770 MKII Twin, 770 MKII Work, Seabear 20 MK II RB/FRB, Seabear 23MKII/MKIII/MKIV, Sjøbjørn 25MK III, Weedo 17/600/700, MP Springer 660/741/800, MP-1000 FRDC MKII, Alusafe 1200 TWJ FRDC, TUG series
Nordpower	Malo series
Noreq	RRB 500/650, FRB series
Normar	FRC series
Norsafe	Magnum, Mako, Midget, RB, Stinger series
Palfinger	MOBL, MOB, RB, MAGNUM, MAKO, RB HDR, HDFR, RRB, MOB, STINGER, RRB 500/650, FRB, FRSQ, NPT, RSQ series
Schat-Harding	MOB series
Shigi	VOX series
Survitec	RIBO series
Umoe Schat-Harding	Stinger series
Viking Norsafe	GRP, RB, Merlin series
West Plast	WP series
Zodiac	RIBO series

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

<u>MAKE</u>	<u>MODEL / SERIES</u>
Abas	FD, MDE series
Acebi	TBC, GRA, PDFK, SPG series
Acta	DR, HCS, HHC, B, HCS series
Alexander Ryan	PL series
Aukra	ALR, AMD, HRT series
Bada	BDH series
Beihai	BH, BD, BD-FF/BD-FH/BD-PL/BD-SA series
Davit Company	08-02, 10-2, EB, EV, FB, FM, LAR, MOB, ND, NT, D series
Davit International	D, C series
Dreggen (Ordinary crane)	DKF series
Ernest Hatecke	DFR, FFA, BPK, GFF series
Fassmer	FFA, FFD, FFH, FPD, FSAR series
Georg Eide & Sønner	RT series
Gepa	GDFFD, GDRRS series
GMC (Ordinary crane)	HSC series
Global Davit	DRF, FFA, FFD, FHS, LMS, PHS, RHS, RMS series
Greben	EW, FFL, HFC, RC, SAR, SPG, FFD, FFH series
Gurdesan	GD.FFD, GD.RRS, GD.GR, GD.KHK series
Harding	25-2100, NPD, NPFD, NPDL, FSS, HB/VIP, HD/RT, SA, SSR series
Hydrakraft	HRT series
Hydralift	HL series
Hydralift Marine (Ordinary crane)	KMCV series
Hyundai	HLD, HDF, BDF, HDR, YZF, KN, JYR, JYRH, JYLR series
Jiangnan	SA series
Jiangsu Jiaoyan	JY, L, F, HG, P series
Jiangsu Jiaoyan Marine	JYF, JYHG, JYL, JYP, JYLG, JYGR, JYR, JYRH, JYA, JYH, JYLR series
Jiangsu Marine	JYLR series

Jiangyin Neptune	D, HD, JH, JY, NPT series
Jiangyinshi Beihai	F, FA, LB, SA series
Jiaoyan	JYLR series
Mansai	M, H, HR, V, T, BD, S, SR, R, RD, FH, FE, MFR, MGR series
Mjøsund Båt & Hydraulikk	Midget series
Ned Deck Marine	PFH, SCM series
NDM	SCM series
NMF	BPK series
Nor Davit	E, H, OPD, RD, SSP, SPG series
Noreq	NPD, NPDS, JYLR, JYP, NP series
Norsafe	LH140, NDA, HD series
Oriental	HGD, BWE, DHA, FD, RD, SHS series
Palfinger	PRH, PRH-AP, FPR-A, SCM-L, SCM-R, SCH-R, PFH-CT, PFH, NPD, VIP, NPT, PD, FPG, FAD, NRDS, PBR, NTD, NTDS, NPT, LA, PK, SCH, SA, SPR, FF, FME, GAR, GRA, SRR, HD, RD, HRL, PL, SAR, NPDS, JYLR, JYP, NPD, NPDL, LH, NDA, NPDL, FSS, HB, HD, RT, SPHL series
Redrock	RDA, RDT series
Schat-Harding Davit Company	SPR, FF, FME, GAR, GRA, SRR, FF, HD, RD, VIP, W, HRL, PL, SAR, BE, NPD, LA, series
Schat-Harding	VIP, SPHL series
Sec Davit	MS1, S1 series
Shin Myung Tech	SMLRD35P
TTS / Hydramarine / MacGregor	A, GPK, HL, HMC, HMD series
Vest Davit	PL, TBD, PA, CL, PLR, TLR, F, HN, H series
Zhenjiang Marine	D100S, EL, HYDR, LE, SA, FH, PR series

Winches (for lifeboats (incl. freefall), rescue boats, fast rescue boats and davit launched liferafts):

<u>MAKE</u>	<u>MODEL / SERIES</u>
Acebi	TBE series
Brevini	PWD series
Davit Company	FB series
Georg Eide & Sønner	HPL series
Greben	EW series
Harding	NW7700H, LW series
Jiangsu Jiaoyan Marine	15-03L series
Jiaoyan	JYRZ series
Mjøsund	MV series
Ned Deck Marine (NDM)	15-03.L
Norsafe	HMW75 series
Oriental	BWE series
Palfinger	NW7700H, LW, BE, WH-46-37-O-S, 15-03.L, NPT, 04-04 M series
Schat-Harding Davit Company	BE series
TTS	RL series
Vest Davit	C, A series
Zhenjiang Marine	D100S, EL, HYDR, LE65-1 series
Zollern	ZR series

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

<u>MAKE</u>	<u>MODEL / SERIES</u>
BC	UH series
BC Service	U-Hook series
Davit Company	FB series
D-I-Davit International	RH-OLH series
Ernst Hatecke	F, Simplex series
Fassmer	Duplex, 50E2 series
Ferri	1448 TN series
Global Davit	HRN, HR series
Greben	NLH series
Harding	LHR9M2, LHR series
H.Henriksen	HMK, HMKST, NHMKG series
Jiangsu Jiaoyan Marine	JXN-3 series
Jiangyinshi Beihai	JYB50C, HK40
Jiangyin Wolong	THOR MKII, HK70, HK series
Jiangyin Xinjiang	JX, JXN-1B series
Mansei	RH series
Noreq	JXN-1B series
Norsafe	KD, TOR, TORMK, FF, KD-4, GES, SIM, K4, JYN series
Norsfe Jiangyin	K4 series
Palfinger	JXN-1B, LHR9M2, LHR, KD, TOR, TORMK, FF, KD-4, GES, NPT, SIM, JYN, ARH, CAR, K4, RRH, ARH, RH, MOB, SSR, KD series
Palfinger / Ned Deck Marine	CAR series
Safelaunch	SC series
Schat-Harding	MOB, SSR series
Shigi	SRS, SZK series
Survitec	SLA series
Survival Craft Inc.	Safelaunch series
Tanner	IRB series
Vliking	DIB series
Wuxi Xingsheng	XS15 series

Remarks:

Approved according to Class Programme DNV-CP-0484, IACS UR Z17 and MSC.402(96)/Corr.1.