Scope of certification:

Certification of an engineer to perform maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescueboats, launching appliances and release gear on the makes and types (series) listed in this certificate.

Davit Services Holland BV / North Sea Davit and Lifeboat Services declares considering the requirements of:

- Solas ’74, as amended, Regulation I/7 -I/8 and Chapter III, Regulation 20.11;
- IMO circular MSC.404(96) and MSC.402(96);
- The Netherlands Ship’s Decree 2004, Art.14 and Art 40;

That the below mentioned engineer has been recognized as Certified Engineer for annual and five-yearly services on the equipment mentioned in NSDLS document "Makes & Types & Principles" by Davit Services Holland BV / North Sea Davit and Lifeboat Services, recognized as Authorized Service Provider by the Bahamas Flag, Dutch Flag, Liberia Flag and Panama Flag, incl. RO's; ABS, Bureau Veritas, CCS, ClassNK, DNV, Lloyd's Register, and RINA.

Engineer's name:
Robbert Kraan

Certificate number:
2025-09-RK

Certificate issue date:	Certificate renewal date:	Certificate expiry date:
1-9-2022	**31-7-2025**	**31-7-2028**

This certificate is proof that the engineer has successfully completed the NSDLS certification programme. All the engineer's relevant certification documents from NSDLS and OEM's are filed.

On behalf of Davit Services Holland BV / North Sea Davit and Lifeboat Services:

Erik Bank
Managing director

North Sea Davit and Lifeboat Services BV
Hoefslag 5
4131ME Vianen
www.nsdls.nl

SCAN FOR THE COMPLETE ONLINE DIGITAL CERTIFICATE

OEM	Brand today	Category	Type / Series of equipment
A Rim Machinery	A Rim Machinery	LaunchingAppliance	AHA
			AREH
			ARPV
			LRBD
			RBD
			RLD
Acebi	Acebi	LaunchingAppliance	AF
			AHV
			GRA
			PF
			PFDK
			PFDS
			RRP
			SPG
			TC
			TP
			TPC
			TPF
			TPU
		Lifeboat	AC-QFP
			PELB
			TELB
		Winch	TBE
Acta	Palfinger	LaunchingAppliance	DC
			DR
			HSC
			MOB
			HHC
		Winch	KNT
Adler	Adler	Winch	WH
A-Tech	A-tech	LaunchingAppliance	Single arm slewing
		Winch	Electric hoisting gravity lowering
Bada	Bada	LaunchingAppliance	BD(F)A
			BDA
			BDF
			BDH
			BDL
			BDR
			BDTD
			BDTW
			BFRD
		ReleaseGear	BHA
			BHR
		Winch	BRW
			FHW
			RLD
Balden	Balden	Lifeboat	LBC(T)2
			FFC(T)
		ReleaseGear	BD-HR
			BD-LBHR
		Rescueboat	FRB
			BD-R
Beiyang Boatbuilding	Palfinger	Lifeboat	TECB
BHM Marine	BHM Marine	LaunchingAppliance	F type
Bianchi and Cecchi (BC Service Europe)	Bianchi and Cecchi (BC Service Europe)	ReleaseGear	U-Hook
Bijisma	Bijisma	LaunchingAppliance	BT
Boomeranger	Boomeranger	Rescueboat	600
			850
			1000

OEM	Brand today	Category	Type / Series of equipment
Boomeranger	Boomeranger	Rescueboat	C-500
			650
			740
			810
Bryne	Bryne	Winch	D
			H
Caley Ocean Systems	Caley Ocean Systems	LaunchingAppliance	Davit
Davit Company	Palfinger	LaunchingAppliance	MOB
		Winch	...EP
			08
			FME
Davit International Hische	Davit International Hische	LaunchingAppliance	C-F
			C-L
			C-S
			D-BC
			D-BR
			D-CF
			D-CL
			D-CR
			D-CRm
			D-CS
			D-F
			D-FG
			D-FH
			D-FO
			D-FP
			D-ND
			D-NP
			D-NPS
			D-NPS.SP
			D-RB
			D-RC
			D-RT
			D-RTT
			D-SR
			D-TF
			D-TT
			D-WP
		ReleaseGear	RH
			OLH
			OLRH
		Winch	01
			02
			03
			04
			06
			07
			10
			12
			18
			26
			40
			ZR
Deutsche Schlauchboot (DSB)	Survitec	Rescueboat	DSB 420
			DSB-3.9
			DSB-4.3
			DSB-470
			DSB-5.1
			DSB-530

OEM	Brand today	Category	Type / Series of equipment
Deutsche Schlauchboot (DSB)	Survitec	Rescueboat	DSB-6.5
			IRB
Deyuan Marine	Deyuan Marine	ReleaseGear	31-37KN
Dongnam	Dongnam	LaunchingAppliance	DHGD
			DLR
			DSAD
			HGD
			LBD
			LR
			LRBD
			LRD
		Winch	DHC
			DHGD
			DLB
			DLBW
			DLR
			HGD
			HGW
			HLW
			LBW
			TLR
Dongwoo	Dongwoo	LaunchingAppliance	DBD
			DWS
			LBD
		Winch	DWS
			HP
			LW
Dreggen	Palfinger	LaunchingAppliance	DK
DSB Engineering	DSB Engineering	LaunchingAppliance	DSB-ARH
			DSB-DF
			DSB-DL
			DSB-DP(Y)
			DSB-DR
			DSB-DRE
			DSB-DTL
			DSB-DYL(B)
			DSB-PL
			DSB-PRL
			DSB-R
		Rescueboat	DSB-R
			DSB-RA
			DSB-RB
			DSB-RC
			DSB-RFA
			DSB-RFB
Esvagt	Esvagt	Rescueboat	MOB ALU 460
Fama	Ulstein Fama	LaunchingAppliance	ZO
Fassmer	Fassmer	LaunchingAppliance	FFH
			FHD
			FHDY
			FLR
			FMPD
			FOD
			FOSV
			FPD
			FSAH
			FSAR
			FSARR
			PRHE

OEM	Brand today	Category	Type / Series of equipment
Fassmer	Fassmer	Lifeboat	CFL
			CFL-C
			CFL-T
			CL-C
			CL-P
			CLR-C
			CLR-T
			CL-T
			CLX
			GAR
			GAR-T
			GMR
			PLL
			PLT
			SEL
			SFB
			TGMR
			TL
		ReleaseGear	Duplex
			FFRU
			FOH
			RRH
		Rescueboat	FR
			FRIR
			FRR
			RIR
			RR
		Winch	DEW
			FFWH
			FWD
			FDW
Fassmer Marland	Fassmer Marland	LaunchingAppliance	FFH
			FLR
			FMAH
			FPD
			FSAR
			FSARR
			SRH
		Lifeboat	CFL-C
			CFL-T
			CLR-C
			CLR-T
			Dragon
			GAR
			GAR-T
			GMR
			GMR-T
			HH
		ReleaseGear	Duplex
			Freefall
			HH
		Rescueboat	FRR
			RR
			RRH
		Winch	D52
			DEW
			DW
			FFW
			FFWH

OEM	Brand today	Category	Type / Series of equipment
Fassmer Marland	Fassmer Marland	Winch	FW
			MW
			RZ
Gepa	Gepa	Lifeboat	G-F
			G-F...K
			G-F...YK
			G-FFF
			G-GSB
		ReleaseGear	Freefall
			G-K1
			G-K2
		Rescueboat	G-FRB
			G-RB
Global Davit	Global Davit	LaunchingAppliance	Fhs
			Fhs.L
			Fhs.L.S
			Fhs.R.L
			Fhs.R.L.S
			Fhs.R.S
			Fhs.S
			Glp.FLh
			Glp.FP
			Glp.FPh
			Glp.MP
			Glp.RT
			Glp.TTh
			Gsp.FLh
			Gsp.FP
			Gsp.FPh
			Gsp.MP
			Gsp.O
			Gsp.RT
			Gsp.TTh
			Lgp
			Lmes.S
			Lml
			Lms
			Lms.S
			Rhp
			Rhp.HC
			Rhs
			Rhs.HC
			Rhs.L
			Rhs.L.S
			Rhs.S
			Rht
			Rmes.L.S
			Rmes.S
			Rms
			Rms.L
			Rms.L.S
			Rms.S
			Rsp.O
		ReleaseGear	HR
			HRL
			HRN
		Winch	W
			W...S
			W...E

OEM	Brand today	Category	Type / Series of equipment
Global Davit	Global Davit	Winch	W…HC
			W…L
			W…M
			W…R
Greben	Greben	LaunchingAppliance	12/4.6
			GD
			HD
			HFF
			LRD
			PD
			PGD
			R2
			RL / C
			RLP
			12/4.2
			PROMAC
			…EL
			LC
			PH
		Lifeboat	PEL
			TEL
			FFL (FP)
		ReleaseGear	NLH
		Rescueboat	RB
			4
		Winch	EW
			HW
			TSW
Gürdesan	Gürdesan	LaunchingAppliance	GD.FFD
			GD.KHK
			GD.RR(S)
		Winch	GD.FLW
			GD.KV
			GD.PR
			GH
Haean Machinery	Haean Machinery	LaunchingAppliance	HHD
			LR
			PV
			RB
		Winch	…P
Hagglunds Marine	MacGregor	LaunchingAppliance	TE
		Winch	10T
Harding	Palfinger	LaunchingAppliance	HDRT
			JYR
			JYRC
			LA
			NDP
			NPD
			NPDL
			NPDS
			NPWD
			NRD
			NRDS
			NTD(S)
			VIP
		Lifeboat	CTL
			FF
			MCB
			MCF

OEM	Brand today	Category	Type / Series of equipment
Harding	Palfinger	Lifeboat	MCM
			MOB
			MPC
			WFF
		ReleaseGear	ARH
			CAR 35
			FF
			H86M
			JX-1
			KH
			LH
			LHR
			RH3.7
			RRH
			Watercraft freefall
			Patent gr. I
		Rescueboat	MOB
		Winch	08
			CW
			EW
			FME
			HDEW
			HW
			LW
			NW
			OW
			RSD
			RWH
			SH AS
			W
Hatecke	Hatecke	LaunchingAppliance	DFR
			DFR PAL
			DR
			FFA
			FFA LP
			FFB
			Gsp.O
			GspFP
			Gxp.FLH
		Lifeboat	GFF
			GFF-T
			GSAR
			GSL
			GSL-T
			PEL
			PL
		ReleaseGear	Duplex
			GFF-R
			Hydraulic
			Rafti
			Simplex
		Rescueboat	FRB
			RB
		Winch	W
Heila	Heila	LaunchingAppliance	HLM
			HLRM
Heinrich A. Schröder	Heinrich A. Schröder	LaunchingAppliance	HDCC
		Winch	HDCC
Hengxin China	Hengxin China	LaunchingAppliance	D

OEM	Brand today	Category	Type / Series of equipment
Hengxin China	Hengxin China	LaunchingAppliance	DW
			DZB
			FH
			GL
			HDC
			HE
			LB
			LFR
			PD
			SA
			SAR
			SARC
			SRH
		Lifeboat	BCC
			BCF
			BCFC
			BCFF
			BJ
			FL
		Rescueboat	FRH65Q
			GJ-4.0M
			GJ-4.5M
			GJ-5.1M
			RH85Q
Henriksen	Henriksen	ReleaseGear	HCH
			HCH(T)
			HLH
			HMKG
			HMKST
			HRH
Holland Lifeboats	Holland Lifeboats	Lifeboat	TELB
Hydamarine	MacGregor	LaunchingAppliance	HMC
			HMD
		Winch	23
			GA
			H
Hydralift	Hydralift	LaunchingAppliance	HL
			KMCVT
			MCV
		Winch	HL
			KMCVT
			MCV
Hydramaskin	MacGregor	LaunchingAppliance	HD
			HMD
		Winch	HMW
Hydraulik und Maschinenbau (HMB)	Hydraulik und Maschinenbau (HMB)	LaunchingAppliance	BC
			HL
			Provision
			Rescue-Kran
Hydro-Conrol	Hydro-Conrol	LaunchingAppliance	HC
Hyundai	Hyundai	LaunchingAppliance	BD
			FF
		Lifeboat	HD
			HDFN
			HDL
			HLB
		ReleaseGear	Talon
			Talon II
			TITAN

OEM	Brand today	Category	Type / Series of equipment
Hyundai	Hyundai	ReleaseGear	TOR
		Rescueboat	HDFR
			HDR
			HLB
		Winch	FF
			REV
Imatrans	Imatrans	LaunchingAppliance	HEB
INI Hydraulik	INI Hydraulik	Winch	IVY
			IYJ
International Marine Tech (IMT)	International Marine Tech (IMT)	LaunchingAppliance	Manually driven
			Raft davit
Ishihara	Ishihara	ReleaseGear	I.H.M.
Jiangsu Jiangyin Chengjiang	Jiangsu Jiangyin Chengjiang	LaunchingAppliance	5t/10.5
			CJ
		Winch	5t/10.5
			CJ
Jiangsu Jiaoyan Marine	Jiangsu Jiaoyan Marine	LaunchingAppliance	JYA
			JYF
			JYGR
			JYHG
			JYL
			JYLG
			JYLR
			JYP
			JYR
			JYR(H)
			JYRC
			JYRH
		Lifeboat	JY-BF
			JY-FF
			JY-FN
			JY-QFN
			JY-QFP
			JYM-FN
			GTR
		ReleaseGear	JX-2
			JX-4
			JX
			JXN-3
		Rescueboat	GJ
			GZ
			JY-GZ
		Winch	FW
			JYW
			JYRZ
			JYWP
Jiangyin Neptune	Jiangyin Neptune	LaunchingAppliance	NPT
			NPT 18/27DR
			NPT 60/85/138/170/200DL
			NPT 85/138/185/200 PL110 -DP
			NPT BEC
		Lifeboat	NPT-C
			NPT-F
			NPT-FA
			NPT-FC
			NPT-FCA
			NPT-FF
			NPT-FFA
			NPT-P

OEM	Brand today	Category	Type / Series of equipment
Jiangyin Neptune	Jiangyin Neptune	Lifeboat	NTP-PT
		ReleaseGear	JXN
			NPT
		Rescueboat	NPT
		Winch	DW
			R3DW
Jiangyin Norsafe	Jiangyin Norsafe	LaunchingAppliance	HD
		Lifeboat	GES
			JYN
		ReleaseGear	HK
			TOR
		Rescueboat	JYN
			Neptune
		Winch	HD
			INI IYJ
Jiangyin Vanguard	Jiangyin Vanguard	Lifeboat	VG
			W-FV
		ReleaseGear	HK
			TOR
		Rescueboat	VG-DR
			VG-FRK
			VG-FRW
			VG-KR
Jiangyin Wolong	Jiangyin Wolong	LaunchingAppliance	GL
			JY LE
			JY-FH
			JY-HE
			JY-HSR
			JY-LFR
			JY-LRHE
			JY-PL
			JY-PLR
			JY-RE
			JY-SA
			JY-SAF
			JY-SAP
			JY-TBD
			JY-WLTBD
		Lifeboat	JY-C
			JY-CA
			JY-CF
			JY-F
			JY-FA
			JY-FF
			JY-K
			JY-P
			JY-SC
		ReleaseGear	FHK
			HK
			JXN-1B
			JY-LB35
		Rescueboat	JY 40-42KR
			JY-DR
			JY-KR
		Winch	14KN
			21KN
			FH
			JY-D
			JY-RW

OEM	Brand today	Category	Type / Series of equipment
Jiangyin Xinjiang	Jiangyin Xinjiang	LaunchingAppliance	FFH
			JYF
			JYL
			JYR
		Lifeboat	JY-FF
			JY-FN
			JY-GTC
			JY-QFN
			JY-QFP
		ReleaseGear	JX-1
			JX-1B
			JXN-1B
			KH
		Rescueboat	GJ
			JY-QFP
		Winch	Hydraulic
			JYF
			JYL
			JYR
			JYW
Jiangyingshi Beihai LSA Co. LTD.	Jiangyingshi Beihai LSA Co. LTD.	LaunchingAppliance	BGP
			BH
			BHGH
			BHGP
			EHRD
			ESAD
			FA
			FRH
			HB
			LA
			LB
			PD
			RB
			RH
			SA
			SAC
			SRH
		Lifeboat	JYB-C
			JYB-FC
			JYB-FF
		ReleaseGear	HK
			JXN-1B
			JYBHK
		Rescueboat	JYB
			SC
		Winch	14KN
			21KN
			25KN
			30KN
			35KN
			BGP
			BHGH
			BHGP
			D
			DW
			EHRD
			ESAD
			FA
			FRH

OEM	Brand today	Category	Type / Series of equipment
Jiangyingshi Beihai LSA Co. LTD.	Jiangyingshi Beihai LSA Co. LTD.	Winch	FW
			HB
			IYJ
			JYBW
			LA
			LB
			PD
			RB
			SRH
Kang Nam	Kang Nam	Lifeboat	GTB
KGW	KGW	LaunchingAppliance	RIP
Kyortsu Kikai	Kyortsu Kikai	LaunchingAppliance	DBZ
			FEL
			LAF
		Winch	DBZ
			FEL
			LAF
LSA Service	LSA Service	ReleaseGear	250-T25
			H
MacGregor	MacGregor	LaunchingAppliance	BPK
			HL
			HMD
			KD
			PK
		Winch	BPK (ZHP)
			HL
			HMD
			PK
Mad Rock	Mad Rock	ReleaseGear	ROCLOC
Makishinko	Makishinko	Winch	VX
Manabe	Manabe	LaunchingAppliance	BDC
		Winch	BDW
Mansei	Mansei	LaunchingAppliance	ABD
			AH
			AT
			AV
			CM
			D-FH
			EBD
			EH
			EHR
			EM
			ET
			EV
			M
			MFH
			MVD
			R
			RD
			S
			SR
			MFE
			SRE
		ReleaseGear	FF
			RH
		Winch	06
			ABD
			ABW
			AL

OEM	Brand today	Category	Type / Series of equipment
Mansei	Mansei	Winch	AW
			BE
			CMW
			D-FH
			EBW
			EL
			ERW
			EW
			FW
			JYW
			LBH
			MLW
			MW
			RBH
			RMW
			SW
			WD
Mare Safety	Mare Safety	Rescueboat	GTC 700
Marinekran	Marinekran	LaunchingAppliance	HMC
			MKG
Mariner	Mariner	LaunchingAppliance	MGM
Maritime Deck Machinery (MDM)	Maritime Deck Machinery (MDM)	LaunchingAppliance	CM
			W
Maritime Partner	Maritime Partner	Rescueboat	Alusafe 700
			Seabear
			Springer
			Weedo
Mills	Palfinger	ReleaseGear	TITAN
Miura	Mansei	LaunchingAppliance	GRA
			MVD
			SAR
			SP
		Winch	BE
			BH
			LBH
			RBH
			BA
Mulder & Rijke	Palfinger	Lifeboat	PELB
			TELB
		Rescueboat	FLAT
Nadiro	Viking	ReleaseGear	DIB
			Drop in ball
Nanjing Dongsheng	Nanjing Dongsheng	LaunchingAppliance	AR
			JY
		Winch	DZY
			NHE
			SC
			YZ
Narwhal (Dayfer)	Narwhal (Dayfer)	Rescueboat	FRB-700
			SV-420
			SV-480
			SV-750
Navalimptianti	Navalimptianti	LaunchingAppliance	FOLS
			GDMPD
			LT
			NT
			SGHD
			SGSHD
			SPH

OEM	Brand today	Category	Type / Series of equipment
Navalimptianti	Navalimptianti	LaunchingAppliance	SPSTD
			SRR
			UDR
			UDSP
			GDET
			SPTD-L
			SPTD-T
			SPTD-R
		ReleaseGear	ARH
		Winch	2
			3
			4
			8
			AW
			EW
			EWR
			EWTHB
			JYW
			M
			MW
			RBEW
			REW
			RMW
			SDHW
			SPTD
			DG-HW
Ned-Deck Marine (NDM)	Palfinger	LaunchingAppliance	FFH
			FPG
			PBR
			PF
			PRH
			PRHE
			SCH
			SCM
			SCT
		ReleaseGear	CAR 35
		Winch	04
			15
			63-21
			W3
			WL
Neuvisa	Neuvisa	Rescueboat	RR
Ningbo New Marine (Fairdale)	Ningbo New Marine (Fairdale)	LaunchingAppliance	NMPL
		Lifeboat	NM
		ReleaseGear	HK
		Rescueboat	RB
			RV-FRC
		Winch	NMDP
NMF	MacGregor	LaunchingAppliance	BPK
			KD
Nor Davit	Palfinger	LaunchingAppliance	SDP
		Winch	E
			L
Noreq	Palfinger	LaunchingAppliance	JYL
			NPD
			NPDL
			NPDS
			WPTC
		Lifeboat	LBF

OEM	Brand today	Category	Type / Series of equipment
Noreq	Palfinger	Lifeboat	LBT
			LBP
		ReleaseGear	JX-2
		Rescueboat	FRB
			RRB
		Winch	JYW
			NW
Norlift	Norlift	LaunchingAppliance	GPH
NorMar	NorMar	Lifeboat	Freefall
			LBT
			PELB
			TELB
		ReleaseGear	Freefall
			JX-1
			JX-4
		Rescueboat	R
			Rescue 500
			Rescue 425
Norsafe	Viking	LaunchingAppliance	A
			C
			D
			E
			GRA
			H
			HD
			LH
			LHD
			LHP
			ND
			NDA
			NDC
			NDSC
			NDSC-R
			NRB
			NRC
			NRC-R
			SPGL
			SW
		Lifeboat	E-GES
			Evolution
			GES MK1
			GES MK2
			GES MK3
			JYN MK1
			Maggie
			Maria
			Mathilda
			Maud
			Maxima
			Metis
			Mina
			Minima
			Miriam
		ReleaseGear	K4-D
			Nadiro drop in ball (DIB)
			NFFH
			RCH
			SIM
			TOR Mk2

OEM	Brand today	Category	Type / Series of equipment
Norsafe	Viking	Rescueboat	Magnum
			Mako
			Matrix
			Maya
			Merlin
			Midget
			MOB
			Munin
			Narwhal FRB
			Narwhal SV
			RIR
			RR
		Winch	DS
			DW
			IYJ
			NW
			NWR
			ZR
Oriental	Oriental	LaunchingAppliance	DHA
			DMA
			FD
			HGD
			HGK
			LD
			MO
			RD
			RTD
			SHS
			HPC
		Winch	BWE
			LDW
			MO
			RD
			RDW
			SWE
			WL
Palfinger	Palfinger	LaunchingAppliance	C
			DCR
			DR
			FAD
			FDA
			FFH
			FFL
			Fixed outrigger
			FPG
			FRP
			GFFS
			GP
			GRA
			GT
			HDRT
			HF
			HFFS
			HP
			HR
			HS
			HSC
			HT
			JYF

OEM	Brand today	Category	Type / Series of equipment
Palfinger	Palfinger	LaunchingAppliance	JYR
			LA
			LAR
			LS
			MOB
			MOB/SHD
			MOB/SRR
			MP
			MS
			MT
			NPD
			NPDL
			NPDS
			NPWD
			NRD
			NRDS
			NSK
			NT
			NTD(S)
			NTP
			OF
			OPD
			ORD
			PAR
			PBR
			PC
			PD
			PFH
			PRHE
			R
			RD
			RSD
			SA
			SAC
			SAP
			SB
			SCH
			SCM
			SCT
			SDP
			SHD
			SHE
			SPB
			SPD
			SPFRM
			SPG
			SPLC(H)H
			SPLDH
			SPMOB
			SPR
			SRR
			ST
			UDR
			UDSP
			UNIC
			VIP
			WPTC
		Lifeboat	363
			372

OEM	Brand today	Category	Type / Series of equipment
Palfinger	Palfinger	Lifeboat	374
			378
			382
			391
			393
			361
			B
			CTL
			EL
			FF
			KISS
			LA
			LBF
			LBT
			MC
			MCB
			MCF
			MCM
			MKV
			ML
			MPC
			MR
			NPT
			PELB
			SP
			TECB
			TELB
			WFF
			WH
		ReleaseGear	ARH
			CAR
			FF
			FFH
			Freefall
			H
			H86
			HK
			JX-1
			JX-2
			JX-4
			JX-5
			JXN
			KH
			LH
			LHR
			MILLS/TITAN
			RH
			RRH
			TITAN
			TOR
			CAR-F
		Rescueboat	4,9 M
			FRB
			FRSQ
			MOB
			RB
			RIBSEA
			RRB
			RSQ

OEM	Brand today	Category	Type / Series of equipment
Palfinger	Palfinger	Rescueboat	SPURT
			Stinger
		Winch	2
			3
			4
			14
			15
			16
			18
			22
			24
			38
			58
			63
			78
			2065
			0-13
			02
			04
			08
			08KNT
			1-13
			16KNT
			BE
			BO
			CW
			DS
			DW
			E
			EB
			EBR
			EP2
			EPB
			EW
			FM
			FME
			HD
			IYJ
			JYW
			L
			LA
			LD
			LW
			MW
			NP
			NW
			RSD
			RWH
			S
			SH
			TW
			W
			WL
			WP
			ZR
Peck & Hale	Peck & Hale	ReleaseGear	H44
Pellegrini	Pellegrini	LaunchingAppliance	30
			GRA
		Winch	SALP

OEM	Brand today	Category	Type / Series of equipment
Pellegrini	Pellegrini	Winch	VAS
Pesbo	Pesbo	ReleaseGear	PSC
Qingdao Beihai	Qingdao Beihai	LaunchingAppliance	BD-AR
			BD-FA
			BD-FF
			BD-PL
			BD-SA
			LB
		Lifeboat	BH-8
			BH-A
			BH-AD
			BH-B
			BH-F
			BH-K
			BH-S
			BH-SA
			BH-XL
			BH-XLAD
		ReleaseGear	BG
			BH-F
			BHHOOK
		Rescueboat	BH-DOLPHIN
			BH-HR
			BH-R4
			BH-R4A
		Winch	BW-LL
			BW-S
			BW-SC
			DP
			IYJ
Sanoyas	Sanoyas	LaunchingAppliance	SFB
		Lifeboat	F.R.P.
			G
Sasebo	Sasebo	LaunchingAppliance	RB
Schat Davits	Palfinger	LaunchingAppliance	FAD
			FFL
			FRP
			LAR
			MP
			NSK
			PBM
			SA
			SPG
			SPLC(H)H
			SPMOB
			SPR
			SRR
		Winch	...EB
			0-13
			2-22
			3-22
			3-38
			3-58
Schat Harding	Palfinger	LaunchingAppliance	LA
			LS
			MOB/SHD
			MOB/SRR
			NDP
			NT

OEM	Brand today	Category	Type / Series of equipment
Schat Harding	Palfinger	LaunchingAppliance	NTP
			SA
			SAC
			SAP
			SPMOB
			SPR
			UDSP
			UNIC
			VIP
		ReleaseGear	ARH
			CAR 35
			FF
			H86M
			JX-1
			KH
			LH
			LHR
			RH3.7
			RRH
			Watercraft freefall
		Winch	...EP
			...EPB
			BE
			EW
			FM
			FME
			HDEW
			HW
			LA
			LW
			RSD
			RWH
			W
SEC	Palfinger	LaunchingAppliance	GP
			GT
			HP1
			HP2
			HS
			HT
			MS
			MT
			OF
		Winch	BWF
			FR
			WL
			WP
			WW
Sekigahara	Sekigahara	LaunchingAppliance	HGD
			SFA
			SFB
			SFS
			SHN
			SHS
			SJS
		Winch	BWE
			SFB
			SNW
			SW
			SWE

OEM	Brand today	Category	Type / Series of equipment
Sekigahara	Sekigahara	Winch	Z
Sekwang Marine	Sekwang Marine	LaunchingAppliance	SK
		Winch	INP
			NB
			SK
Servo Ship	Servo Ship	LaunchingAppliance	Rescue boat (and raft) crane
		ReleaseGear	ARH
		Winch	1100
			238
Sezamor	Sezamor	LaunchingAppliance	ZLW
			ZZ-ZLJ
			ZZ-ZOL/P/T
			ZZ-ZOT/P/A
			ZZ-ZUZW
			ZZ-ZZLJ
		ReleaseGear	HL
			HLR
			HS
		Winch	E
			ED-BW
			ER
			WL / LW
			WLT
			WT
			WZP
Shanghai Hengyuan Marine Equipment	Shanghai Hengyuan Marine Equipment	LaunchingAppliance	SAFC
		Winch	Electric Rescue Boat Winch
Sheyangsaifute Marine	Sheyangsaifute Marine	LaunchingAppliance	21 kN
			55 kN
			Freefall
			Rescueboat crane
			SFT
		Winch	21KN
			55KN
			SFT
Shigi Shipbuilding	Shigi Shipbuilding	Lifeboat	FEL
			SRS
			SZ
		ReleaseGear	SRS
			SZK
		Rescueboat	VOX
Shin Myung	Shin Myung	LaunchingAppliance	DLR
			Liferaft davit
			Rescueboat davit
			SMDLR
		Winch	DLR
			Liferaft davit
			Rescueboat davit
			SMDLR
Sportis	Sportis	Rescueboat	S
			S-FRB
			S-K
			SLR
SPP Shipbuilding Co. LTD.	SPP Shipbuilding Co. LTD.	LaunchingAppliance	SBD
		Winch	LW
Stocznia Ustka	Stocznia Ustka	LaunchingAppliance	HZ
			PZ
		Lifeboat	FFB
		Rescueboat	FRB

OEM	Brand today	Category	Type / Series of equipment
Stocznia Ustka	Stocznia Ustka	Rescueboat	R
			RIB
			RF
		Winch	W
			WLZ
Survitec	Survitec	Lifeboat	SC
			SC-C
			SC-F
			SC-FC
			SC-FCA
			SC-FF
			SC-FFF
		ReleaseGear	Safelaunch
			SLA
		Rescueboat	DSB 3.9 SR
			DSB 4.2 SR
			DSB 420
			DSB 470
			DSB 5.1 SR
			DSB 520
			RIBO 340
			RIBO 450
			RIBO 600
			SC-R
			SC-RA
			SC-RB
			SC-RFA
			SC-RFB
Survival Craft Inspectorate	Survitec	LaunchingAppliance	SC
		Lifeboat	SC
			SC-C
			SC-F
			SC-FC
			SC-FCA
			SC-FF
			SC-FFF
		ReleaseGear	Safelaunch
		Rescueboat	SC-R
			SC-RA
			SC-RB
			SC-RFA
			SC-RFB
		Winch	SC
Survival Systems International	Survival Systems International	LaunchingAppliance	Fixed outrigger
		Lifeboat	CA
			T5
		ReleaseGear	MT
			Suresafe
			Triple 5
		Winch	LS
			W
Technimpianti	Technimpianti	Winch	EW
Technomar	Technomar	LaunchingAppliance	TM 2000 Rescue
Thanner	Thanner	ReleaseGear	IRB
T-ISS	T-ISS	ReleaseGear	PX
			PX02
			PX03
Towimor	Towimor	LaunchingAppliance	DB
		Winch	WL

OEM	Brand today	Category	Type / Series of equipment
Tsuji Heavy Ind.	IKNOW Machinery	LaunchingAppliance	H
			TC (H)
Tsuji Marine	Tsuji Marine	Winch	EB
Tsuneishi	Tsuneishi	LaunchingAppliance	H
Tsuneishi Forestry	Tsuneishi Forestry	LaunchingAppliance	HL
			HR
TTS	MacGregor	LaunchingAppliance	HL
			HR
			HTL
Ulstein Fama	Ulstein Fama	LaunchingAppliance	ZO
			HL
			ZOS
			ZT
		Winch	ERM
Valiant	Valiant	Rescueboat	RB
Vanguarde	Vanguarde	LaunchingAppliance	DH
			HSD
			LE
			MSD
			PFH
			PL
			PLR
			PR
			PRH
			SRH
			VL
			VS
		Lifeboat	VG-C
			VG-F
			VG-FC
		Rescueboat	VG-DRS
			VG-FRK
			VG-FRW
			VG-KR
Verhoef	Verhoef	LaunchingAppliance	FL
			Freefall
		Lifeboat	FL
		ReleaseGear	Twistlock
Vestdavit A/S	Vestdavit A/S	LaunchingAppliance	L
			PLR
			P
			PAP
		Winch	A
			C
Viking	Viking	LaunchingAppliance	A
			C
			D
			E
			GRA
			H
			HD
			LH
			LHD
			LHP
			ND
			NDA
			NDC
			NDSC
			NDSC-R

OEM	Brand today	Category	Type / Series of equipment
Viking	Viking	LaunchingAppliance	NRB
			NRC
			NRC-R
			SPGL
			SW
		Lifeboat	E-GES
			Evolution
			GES MK1
			GES MK2
			GES MK3
			JYN MK1
			Maggie
			Maria
			Mathilda
			Maud
			Maxima
			Metis
			Mina
			Minima
			Miriam
		ReleaseGear	K4-D
			Nadiro drop in ball (DIB)
			NFFH
			RCH
			SIM
			TOR Mk2
		Rescueboat	Magnum
			Mako
			Matrix
			Maya
			Merlin
			Midget
			MOB
			Munin
			Narwhal FRB
			Narwhal SV
			RIR
			RR
			470 GRP
		Winch	DS
			DW
			IYJ
			NW
			NWR
			ZR
Wärtsila	Wärtsila	LaunchingAppliance	SV.BP.M
Watercraft	Palfinger	Lifeboat	MKV
		Rescueboat	WHFRB
Waterman	Palfinger	Lifeboat	351
			366
			368
			369
			371
			374
			377
			378
			379
			382
Welin	Welin	LaunchingAppliance	MGK

OEM	Brand today	Category	Type / Series of equipment
Welin	Welin	LaunchingAppliance	OGD (Overhead Gravity Davit)
		Winch	WTK
			MW (Motorized Boat Winch)
Whittaker	Whittaker	Winch	WHFRB
Woo IL Heavy Machinery	Woo IL Heavy Machinery	LaunchingAppliance	Fixed Single Jib Slewing type
			Rescueboat winch
WTK	WTK	Winch	BTK
Wuxi Dongwu	Wuxi Dongwu	LaunchingAppliance	DW
			Single Arm Boat / Raft Davit
			DW-F
Wuxi Hai Hong	Wuxi Hai Hong	Lifeboat	BH
			BJ
			HH-C
			HH-CS
			HH-FC
			HH-FF
			HH-T
			HH-TS
		Rescueboat	GJ
Wuxi Huahai Marine	Wuxi Huahai Marine	LaunchingAppliance	HMC
			HMC-H
			HMC-S
			HMD
			HMD-F
			HMD-L
			HMD-M
			HMD-P
		Lifeboat	HH
		Winch	MW
Wuxi Jiang Nan	Wuxi Jiang Nan	LaunchingAppliance	25KN
Wuxi Mingzi	Wuxi Mingzi	ReleaseGear	15kN
			21-25kN
			31-37KN
Wuxi Shengou	Wuxi Shengou	LaunchingAppliance	HMD
			SHMD
			SMCE
			SMD14
			SMD23
			SMD85
		ReleaseGear	150-T15
		Winch	SMW
Wuxi Xinsheng	Wuxi Xinsheng	ReleaseGear	XS15
			XS21
Yingpeng	Yingpeng	Winch	DJB
Youngnam Machinery	Youngnam Machinery	LaunchingAppliance	HN
		Winch	YNBD
Yuksel Makina	Yuksel Makina	LaunchingAppliance	YM-FF/H
			YM-RC/H
Zhenjiang Hengxin	Zhenjiang Hengxin	LaunchingAppliance	21KN
		Lifeboat	HX-FF
		Rescueboat	4.5M
			FRP
Zhenjiang Marine	Zhenjiang Marine	LaunchingAppliance	D
			FH
			GA/L
			GL
			HDC
			HDCL
			HE

OEM	Brand today	Category	Type / Series of equipment
Zhenjiang Marine	Zhenjiang Marine	LaunchingAppliance	LE
			PL
			RE
			SAF
			SAFC
		Lifeboat	Y
			YH
		Rescueboat	YH
		Winch	D
			DP
			DSB
			SW
Zodiac	Survitec	Rescueboat	FRB
			RIBO
Zollern	Zollern	Winch	ZHP
			ZR