



Safety for Life

# North Sea Davit and Lifeboat Services Personal Certificate

Certificate Number: 2022-9-TB

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### 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:  
**Thijs Brinkhof**

Certificate number:  
**2022-9-TB**

Certificate issue date:  
**1-9-2022**

Certificate renewal date:  
**N/A**

Certificate expiry date:  
**1-9-2025**

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



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						
TBE						
Acta	Palfinger	LaunchingAppliance	DC			
			DR			
			HSC			
			MOB			
			HHC			
		Winch	KNT			
			WH			
Adler	Adler	Winch	WH			
A-Tech	A-tech	LaunchingAppliance	Single arm slewing			
			Winch			
Bada	Bada	LaunchingAppliance	Electric hoisting gravity lowering			
		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			

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OEM	Brand today	Category	Type / Series of equipment
Boomeranger	Boomeranger	Rescueboat	1000
			C-500
			650
			740
			810
Bryne	Bryne	Winch	D
			H
Caley Ocean Systems	Caley Ocean Systems	LaunchingAppliance	Davit
Davit Company	Palfinger	Winch	LaunchingAppliance
			...EP
			08
Davit International Hische	Davit International Hische	LaunchingAppliance	FME
			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

OEM	Brand today	Category	Type / Series of equipment
Deutsche Schlauchboot (DSB)	Survitec	Rescueboat	DSB-5.1
			DSB-530
			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

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OEM	Brand today	Category	Type / Series of equipment
Fassmer	Fassmer	LaunchingAppliance	FSAR
			FSARR
			PRHE
		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
		Rescueboat	RRH
			FR
			FRIR
			FRR
		Winch	RIR
			RR
DEW			
FFWH			
FWD			
Fassmer Marland	Fassmer Marland	LaunchingAppliance	FDW
			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
Rescueboat	HH		
	FRR		
	RR		
	RRH		
Winch	D52		

OEM	Brand today	Category	Type / Series of equipment
Fassmer Marland	Fassmer Marland	Winch	DEW
			DW
			FFW
			FFWH
			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

OEM	Brand today	Category	Type / Series of equipment	
Global Davit	Global Davit	ReleaseGear	HRL	
			HRN	
		Winch	W	
			W...S	
			W...E	
			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	
		Winch	PV	
			RB	
Hagglunds Marine	MacGregor	LaunchingAppliance	TE	
			Winch	10T
Harding	Palfinger	LaunchingAppliance	HDRT	
			JYR	
			JYRC	
			LA	
			NDP	
			NPD	
			NPDL	
			NPDS	
			NPWD	
			NRD	
NRDS				

OEM	Brand today	Category	Type / Series of equipment		
Harding	Palfinger	LaunchingAppliance	NTD(S)		
			VIP		
			Lifeboat		
					CTL
					FF
					MCB
					MCF
					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					



OEM	Brand today	Category	Type / Series of equipment	
Hatecke	Hatecke	Rescueboat	RB	
		Winch	W	
Heila	Heila	LaunchingAppliance	HLM	
			HLRM	
Heinrich A. Schröder	Heinrich A. Schröder	LaunchingAppliance	HDCC	
		Winch	HDCC	
Hengxin China	Hengxin China	LaunchingAppliance	D	
			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
Henriksen	Henriksen	ReleaseGear	HCH	
			HCH(T)	
			HLH	
			HMKG	
			HMKST	
Holland Lifeboats	Holland Lifeboats	Lifeboat	TELB	
Hydamarine	MacGregor	LaunchingAppliance	HMC	
			HMD	
		Winch	23	
			GA	
Hydralift	Hydralift	LaunchingAppliance	H	
			HL	
			KMCVT	
		Winch	MCV	
			HL	
	KMCVT			
Hydraskin	MacGregor	LaunchingAppliance	MCV	
			HD	
		Winch	HMD	
Hydraulik und Maschinenbau (HMB)	Hydraulik und Maschinenbau (HMB)	Winch	HMW	
		LaunchingAppliance	BC	
			HL	
		Provision		
		Rescue-Kran		
Hydro-Conrol	Hydro-Conrol	LaunchingAppliance	HC	
Hyundai	Hyundai	LaunchingAppliance	BD	

OEM	Brand today	Category	Type / Series of equipment		
Hyundai	Hyundai	LaunchingAppliance	FF		
			Lifeboat	HD	
				HDFN	
		HDL			
		HLB			
		Talon			
		Talon II			
		ReleaseGear	TITAN		
			TOR		
			Rescueboat		
				Winch	HDFR
					HDR
HLB					
			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		
Jiangsu Jiaoyan Marine	Jiangsu Jiaoyan Marine	LaunchingAppliance	CJ		
			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				
Rescueboat	JXN-3				
	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		

OEM	Brand today	Category	Type / Series of equipment	
Jiangyin Neptune	Jiangyin Neptune	LaunchingAppliance	NPT BEC	
			Lifeboat	
			NPT-C	
			NPT-F	
			NPT-FA	
			NPT-FC	
			NPT-FCA	
			NPT-FF	
			NPT-FFA	
			NPT-P	
			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		
Jiangyin Vanguard	Jiangyin Vanguard	Lifeboat	INI IYJ	
			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		

OEM	Brand today	Category	Type / Series of equipment	
Jiangyin Wolong	Jiangyin Wolong	ReleaseGear	JXN-1B	
			JY-LB35	
		Rescueboat	JY 40-42KR	
			JY-DR	
			JY-KR	
			14KN	
		Winch	21KN	
			FH	
			JY-D	
			JY-RW	
Jiangyin Xinjiang	Jiangyin Xinjiang	LaunchingAppliance	FFH	
			JYF	
			JYL	
		Lifeboat	JYR	
			JY-FF	
			JY-FN	
			JY-GTC	
			JY-QFN	
			JY-QFP	
			ReleaseGear	JX-1
				JX-1B
				JXN-1B
			Rescueboat	KH
		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	

OEM	Brand today	Category	Type / Series of equipment
Jiangyingshi Beihai LSA Co. LTD.	Jiangyingshi Beihai LSA Co. LTD.	Winch	30KN
			35KN
			BGP
			BHGH
			BHGP
			D
			DW
			EHRD
			ESAD
			FA
			FRH
			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
		Winch	LAF
			DBZ
			FEL
			LAF
LSA Service	LSA Service	ReleaseGear	250-T25
			H
MacGregor	MacGregor	LaunchingAppliance	BPK
			HL
			HMD
			KD
		Winch	PK
			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			

OEM	Brand today	Category	Type / Series of equipment		
Mansei	Mansei	LaunchingAppliance	R		
			RD		
			S		
			SR		
			MFE		
		ReleaseGear	SRE		
			FF		
			RH		
			Winch	06	
				ABD	
		ABW			
		AL			
		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		
Mills	Palfinger	ReleaseGear	Weedo		
			TITAN		
Miura	Mansei	LaunchingAppliance	GRA		
			MVD		
			SAR		
			SP		
		Winch	BE		
			BH		
			LBH		
			RBH		
Mulder & Rijke	Palfinger	Lifeboat	BA		
			PELB		
			TELB		
		Rescueboat	FLAT		
Nadiro	Viking	ReleaseGear	DIB		
			Drop in ball		
Nanjing Dongsheng	Nanjing Dongsheng	LaunchingAppliance	AR		
			JY		
		Winch	DZY		
			NHE		

OEM	Brand today	Category	Type / Series of equipment	
Nanjing Dongsheng	Nanjing Dongsheng	Winch	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	
			SPSTD	
			SRR	
			UDR	
		ReleaseGear	Winch	UDSP
				GDET
				SPTD-L
				SPTD-T
				SPTD-R
				ARH
				2
				3
				4
				8
Ned-Deck Marine (NDM)	Palfinger	LaunchingAppliance	AW	
			EW	
			EWR	
			EWTHB	
			JYW	
			M	
			MW	
			RBEW	
			REW	
			RMW	
Neuvisa	Neuvisa	Rescueboat	SDHW	
			SPTD	
			DG-HW	
			FFH	
			FPG	
			PBR	
			PF	
			PRH	
			PRHE	
			SCH	
Ningbo New Marine (Fairdale)	Ningbo New Marine (Fairdale)	LaunchingAppliance	SCM	
			SCT	
			CAR 35	
		ReleaseGear	Winch	04
				15
				63-21
Ningbo New Marine (Fairdale)	Ningbo New Marine (Fairdale)	Lifeboat	W3	
			WL	
Ningbo New Marine (Fairdale)	Ningbo New Marine (Fairdale)	ReleaseGear	RR	
			NMPL	
			NM	
			HK	

OEM	Brand today	Category	Type / Series of equipment
Ningbo New Marine (Fairdale)	Ningbo New Marine (Fairdale)	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
			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	



OEM	Brand today	Category	Type / Series of equipment	
Norsafe	Viking	Lifeboat	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				
Winch	RIR			
	RR			
	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				
Palfinger	Palfinger	LaunchingAppliance	SWE	
			WL	
			C	
			DCR	
			DR	
			FAD	
			FDA	
FFH				
			FFL	

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OEM	Brand today	Category	Type / Series of equipment
Palfinger	Palfinger	LaunchingAppliance	Fixed outrigger
			FPG
			FRP
			GFFS
			GP
			GRA
			GT
			HDRT
			HF
			HFFS
			HP
			HR
			HS
			HSC
			HT
			JYF
			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

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OEM	Brand today	Category	Type / Series of equipment
Palfinger	Palfinger	LaunchingAppliance	SPB
			SPD
			SPFRM
			SPG
			SPLC(H)H
			SPLDH
			SPMOB
			SPR
			SRR
			ST
			UDR
			UDSP
			UNIC
			VIP
			WPTC
		Lifeboat	363
			372
			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

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OEM	Brand today	Category	Type / Series of equipment
Palfinger	Palfinger	ReleaseGear	JXN
			KH
			LH
			LHR
			MILLS/TITAN
			RH
			RRH
			TITAN
			TOR
			CAR-F
		Rescueboat	4,9 M
			FRB
			FRSQ
			MOB
			RB
			RIBSEA
			RRB
			RSQ
			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

OEM	Brand today	Category	Type / Series of equipment		
Palfinger	Palfinger	Winch	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		
			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		

OEM	Brand today	Category	Type / Series of equipment
Schat Davits	Palfinger	LaunchingAppliance	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
			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

OEM	Brand today	Category	Type / Series of equipment	
SEC	Palfinger	LaunchingAppliance	HT	
			MS	
			MT	
			OF	
		Winch	BWF	
			FR	
			WL	
			WP	
Sekigahara	Sekigahara	LaunchingAppliance	WW	
			HGD	
			SFA	
			SFB	
			SFS	
			SHN	
		Winch	SHS	
			SJS	
			BWE	
			SFB	
			SNW	
			SW	
Sekwang Marine	Sekwang Marine	LaunchingAppliance	SWE	
			Z	
		Winch	SK	
			INP	
Servo Ship	Servo Ship	LaunchingAppliance	NB	
			SK	
		ReleaseGear	Rescue boat (and raft) crane	
			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				
Shanghai Hengyuan Marine Equipment	Shanghai Hengyuan Marine Equipment	LaunchingAppliance	WZP	
			SAFC	
Sheyangsaifute Marine	Sheyangsaifute Marine	Winch	Electric Rescue Boat Winch	
			LaunchingAppliance	21 kN
				55 kN
		Freefall		
		Rescueboat crane		
		SFT		
		Winch	21KN	
55KN				
SFT				
Shigi Shipbuilding	Shigi Shipbuilding	Lifeboat	FEL	
			SRS	

OEM	Brand today	Category	Type / Series of equipment
Shigi Shipbuilding	Shigi Shipbuilding	Lifeboat	SZ
		ReleaseGear	SRS
			SZK
Shin Myung	Shin Myung	Rescueboat	VOX
		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
			R
			RIB
			RF
Survitec	Survitec	Winch	W
			WLZ
		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		



OEM	Brand today	Category	Type / Series of equipment
Survival Craft Inspectorate	Survitec	ReleaseGear	Safelaunch
		Rescueboat	SC-R
			SC-RA
			SC-RB
			SC-RFA
			SC-RFB
Survival Systems International	Survival Systems International	Winch	SC
		LaunchingAppliance	Fixed outrigger
		Lifeboat	CA
			T5
		ReleaseGear	MT
			Suresafe
			Triple 5
			Winch
		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
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
Valiant	Valiant	Rescueboat	RB
Vanguard	Vanguard	LaunchingAppliance	DH
			HSD
			LE
			MSD
			PFH
			PL
			PLR
			PR
			PRH
			SRH
			VL
			VS
			Lifeboat
		VG-F	
		VG-FC	
	Rescueboat	VG-DRS	
		VG-FRK	
		VG-FRW	
		VG-KR	
Verhoef	Verhoef	LaunchingAppliance	FL

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OEM	Brand today	Category	Type / Series of equipment
Verhoef	Verhoef	LaunchingAppliance	Freefall
		Lifeboat	FL
		ReleaseGear	Twistlock
Vestdavit A/S	Vestdavit A/S	LaunchingAppliance	L
			PLR
			P
			PAP
		Winch	A
Viking	Viking	LaunchingAppliance	C
			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
		Rescueboat	Magnum
			Mako
			Matrix
			Maya
			Merlin
			Midget
			MOB
			Munin

OEM	Brand today	Category	Type / Series of equipment			
Viking	Viking	Rescueboat	Narwhal FRB			
			Narwhal SV			
			RIR			
			RR			
		Winch			470 GRP	
					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			
			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			

OEM	Brand today	Category	Type / Series of equipment
Wuxi Shengou	Wuxi Shengou	LaunchingAppliance	HMD
			SHMD
			SMCE
			SMD14
			SMD23
			SMD85
			ReleaseGear
Wuxi Xinsheng	Wuxi Xinsheng	ReleaseGear	150-T15
			Winch
Wuxi Xinsheng	Wuxi Xinsheng	ReleaseGear	XS15
			XS21
Yingpeng	Yingpeng	Winch	DJB
Youngnam Machinery	Youngnam Machinery	LaunchingAppliance	HN
			Winch
Yuksel Makina	Yuksel Makina	LaunchingAppliance	YNBD
			YM-FF/H
Zhenjiang Hengxin	Zhenjiang Hengxin	LaunchingAppliance	YM-RC/H
			21KN
Zhenjiang Hengxin	Zhenjiang Hengxin	Lifeboat	HX-FF
			Rescueboat
			4.5M
Zhenjiang Marine	Zhenjiang Marine	LaunchingAppliance	FRP
			D
			FH
			GA/L
			GL
			HDC
			HDCL
			HE
			LE
			PL
Zhenjiang Marine	Zhenjiang Marine	LaunchingAppliance	RE
			SAF
			SAFC
			Lifeboat
			Y
			YH
			Rescueboat
			YH
			Winch
			D
Zodiac	Survitec	Rescueboat	DP
			DSB
Zodiac	Survitec	Rescueboat	SW
			FRB
Zollern	Zollern	Winch	RIBO
			ZHP
Zollern	Zollern	Winch	ZR