

# **CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER**

**CERTIFICATE NO. SSU047024XW**

*This is to certify that*

## **MARINSPECT SAFETY & RIGGING AB**

Krangan 4  
261 35 Landskrona SWEDEN

*Has been approved in compliance with the  
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"  
for the supply of the following services to ships and other units classed by RINA:*

**N - Maintenance, thorough examination, operational testing,  
overhaul and repair of lifeboats and rescue boats, launching  
appliances and release gear**

**Z - Accommodation ladders and gangway**

**Z - Surveys, servicing and testing of lifting appliances**

*Date of the audit:* **20 Dec 2024**

*Issued in* **STOCKHOLM**

*on* **30 Dec 2024**

*This Certificate is valid from the date of the audit until*

**24 Dec 2027**

*This certificate consists of this sheet plus an attachment.*



This is an electronically signed document and does not require a handwritten signature.

**Kristensen RENÉ OVERGAARD**

**RINA Services S.p.A.**



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**ATTACHMENT TO  
CERTIFICATE NO. SSU047024XW**

**VALIDITY CONDITIONS**



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear**

The approval is valid for :  
**MARINSPECT SAFETY & RIGGING AB**  
Krangatan  
261 35 Lanskrona  
SWEDEN

Marinspect Safety & Rigging B.V.  
Nijmegenstraat 29  
Haven nummer 2184  
3087 CD Rotterdam  
The Netherlands

This Service Supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the Service Provider is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This Certificate is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment, defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents. This Service Supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the Service Provider is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This Certificate is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment, defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

*General conditions for the approval*



RINA Services S.p.A.  
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- a) *The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) *Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) *RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) *The activities are to be carried out in compliance with the RINA Rules and or other applicable rules*
- e) *RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



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**Kristensen RENÉ OVERGAARD**

**RINA Services S.p.A.**



## Annex N

### List of makes and types of equipment

**Attached to Certificate No. XW/2024/XW/01/470**

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

MAKE	TYPE acc. to ISO/PAS 23678	MODEL/SERIES
ABAS → See Aukra Maritime		
Acebi	Davit Roller track gravity	GRA
	Winch Twin drum Gravity lowering / electric hoisting	TBE
ACTA → See Palfinger		
Alusafe → See Maritime Partner		
Aqua Safety	Fast Rescue Boat	FRB
ARIM Machinery & Eng. co.	Lifeboat	AHA
	Rescue Boat	AREH
	Winch Single drum Gravity lowering / Electric hoisting.	Elec. Boat Winch
	Winch Twin drum Gravity lowering / electric hoisting	ABW
Ark Safety	Fast Rescue Boat	FRB
Astra Marine	Fast Rescue Boat	FRB
		Massmar
Aukra Industrier → See Aukra Maritime		
Aukra Maritime (ABAS, Aukra Industrier)	Davit Single arm slewing	KD
		MDE
Bada HI	Davit Free fall A/frame	BDF
	Davit Hydraulic / luffing gravity lowering	BDH
	Davit Roller track gravity	BDR
	Davit Single arm slewing	RLD
	Winch Single drum Gravity lowering / Electric hoisting.	EHW



## Annex N

### List of makes and types of equipment

Bada HI	Winch Twin drum Gravity lowering / electric hoisting	BWL
BC Service (Bianchi & Cecchi)	Release Gear Off load / On load – lift not over centre	U-Hook
Bianchi & Cecchi → BC Service		
Brevini	Winch Single drum Hydraulic lowering and hoisting.	PWD
Cranston-Eagle	Release Gear Off load / On load – lift not over centre	APR-306-CB
Dai Jin	Davit Hydraulic / luffing gravity lowering	Gravity Luffing Davits
	Winch Twin drum Gravity lowering / electric hoisting	DDW-H222-10
Davit-International	Davit Free fall A/frame	D-FH
	Davit Free fall ramp	D-TF
	Davit Hydraulic / luffing gravity lowering	D-NP
		D-NP..MP
	Davit Roller track gravity	D-RT
	Davit Single arm slewing	D-CRC
		D-CRh.R
		D-CRm.FR
		D-CRm.R
		D-CRR
		D-RC
	Release Gear Automatic – lift over centre	OLRH.21
	Release Gear Off load / On load – lift not over centre	RH.20
	Winch Single drum Gravity lowering / Electric hoisting.	02.
		03.
		04.
		06.
	Winch Single drum Hydraulic lowering and hoisting.	06.
	Winch Twin drum Gravity lowering / electric hoisting	12.
		18.
		21.



## Annex N

### List of makes and types of equipment

Deutsche SchlauchBoot - DSB	Rescue Boat	IRB
Dongnam	Davit Hydraulic / luffing gravity lowering	DLB
	Davit Single arm slewing	DSAD
	Winch Single drum Gravity lowering / Electric hoisting.	DSAD
	Winch Twin drum Gravity lowering hydraulic hoisting	DWR
DSB – Deutsche Schaluchboot → See Deutsche Schlauchboot		HLW
DSB Engineering	Davit Hydraulic / luffing gravity lowering	DSB..DL
	Lifeboat	DSB
	Release Gear Off load / On load – lift not over centre	NPT..HK
	Winch Twin drum Gravity lowering / electric hoisting	D...S
Esvagt Rescue	Fast Rescue Boat	D...Z
Fassmer	Fast Rescue Boat	FRB
	Fast Rescue Boat	FRIR
	Fast Rescue Boat	FRR
	Free-Fall Lifeboat	CFL
	Lifeboat	CL
		CL (R)
		CLX
		CLX (R)
		Open Lifeboat
		SEL
	Release Gear Off load – lift over centre	Off-Load Quick Release
	Release Gear Off load / On load – lift not over centre	Duplex
	Release Gear Off load / On load – lift not over centre	Simplex
	Rescue Boat	RR
Fassmer Marland	Davit Hydraulic / luffing gravity lowering	FPD
	Lifeboat	Dragon
	Winch Twin drum Gravity lowering / electric hoisting	DEW
FAST RSQ → See Palfinger		



## Annex N

### List of makes and types of equipment

Fiskars → See Palfinger		
GEPA	Fast Rescue Boat	G-FRB
		G-FRB1
	Free-Fall Lifeboat	G-FFF
	Release Gear Free fall hydraulic	G-FFRM
	Rescue Boat	G-RB
Global Davit	Davit Free fall A/frame	Fhs
	Davit Hydraulic / luffing gravity lowering	Gsp
	Davit Single arm slewing	Lms
		Rhs
		Rms
	Release Gear Automatic – lift over centre	HRL.26
	Release Gear Off load – lift over centre	HRN.28LT
	Release Gear Off load / On load – lift not over centre	HR.15
	Winch Single drum Gravity lowering / Electric hoisting.	W01
		W02
		W04
		W08
	Winch Twin drum Gravity lowering / electric hoisting	W07
		W10
		W14
		W20
		W26
Greben	Davit Free fall A/frame	HFF
Gürdesan	Davit Free fall A/frame	GD-FFD
	Davit Single arm slewing	GD-KHK
		GD-RR
		GD-RRS
	Single Drum, hydraulic-lowering/hydraulic hoisting	GD-HC-A
		GD-KV 35
		Hydraulic
	Winch Single drum Gravity	GD-FLW





## Annex N

### List of makes and types of equipment

	lowering / Electric hoisting.	
Harding → See Palfinger		
Hatecke	Davit Free fall A/frame	FFA
		FFB
	Davit Hydraulic / luffing gravity lowering	DFR
		GSP
	Fast Rescue Boat	FRB
	Free-Fall Lifeboat	GFF
	Lifeboat	GSL
		PEL
		TGR
	Release Gear Free fall hydraulic	GFF-R
	Release Gear Off load – lift over centre	Simplex 2.0i
	Release Gear Off load / On load – lift not over centre	Duplex
		Simplex 1.1
		Simplex 1.85 T
		Simplex Fixed in boat
	Rescue Boat	RB
	Winch Single drum Hydraulic lowering and hoisting.	W07 (FF)
		W10 (FF)
Henriksen	Release Gear Automatic – lift over centre	HCH
		HCHT
		HHSM
		HHSR
		HLH
		HMK
		HMKF
		HMKG
		HMKR
		HMKST
		HMKTW
		HRH
Hydralift → See TTS		
Hydramarine → See MacGregor		



## Annex N

### List of makes and types of equipment

Hydramaskin → See MacGregor		
Hydromega	Davit Single arm slewing	Omega
Hyundai	Davit Free fall A/frame	FF
		HDFL
	Free-Fall Lifeboat	HDFL
	Lifeboat	75 M
		HDFN
		HDL
		HLB
	Release Gear Off load – lift over centre	Off-Load
	Release Gear Off load / On load – lift not over centre	Talon
		Talon II
	Rescue Boat	HDR
	Winch Twin drum Gravity lowering / electric hoisting	BWR
Iknow (Tsuji)	Davit Hydraulic / luffing gravity lowering	H
	Winch Twin drum Gravity lowering / electric hoisting	EB...L
		EB...R
INI Hydraulic Co., Ltd → See Viking Norsafe		
Jiangsu Jiaoyan (Jiangyin Xinjiang)	Davit Free fall A/frame	JYF
	Davit Hydraulic / luffing gravity lowering	JYH
		JYHG
	Davit Single arm slewing	JYR
		JYRC
		JYRH
	Davit Twin Fall Gravity Pivoting / Luffing	JYL
	Free-Fall Lifeboat	JY-FF
		JY-FN
		JYM-FF
		JYM-FN
	Lifeboat	JY-QFN
		JY-QFP



## Annex N

### List of makes and types of equipment

	Release Gear Off load / On load – lift not over centre	JX-1
		JX-2
		JX-4
		JXN-1
		JXN-3
	Rescue Boat	GJ
	Winch Single drum Gravity lowering / Electric hoisting.	JYRZ
		JYW
Jiangyin Neptune – NPT	Winch Single drum Hydraulic lowering and hoisting.	FW
		JYH
	Davit Free fall A/frame	NPT - DF
	Davit Single arm slewing	NPT 21
		NPT 23
Jiangyin Wolong	Fast Rescue Boat	NPT - RB
	Free-Fall Lifeboat	NPT - FF
	Release Gear Off load – lift over centre	NPT 30 HK
	Rescue Boat	NPT - R
	Davit Free fall A/frame	JY FH
	Davit Hydraulic / luffing gravity lowering	JY LE
	Davit Single arm slewing	SINGLE ARM SLEWING
	Fast Rescue Boat	JY..KR
	Free-Fall Lifeboat	JY..FF
	Lifeboat	JY..C
		JY..F
	Release Gear Free fall hydraulic	JY..FF
Jiangyin Xinjiang → See Jiangsu	Release Gear Off load / On load – lift not over centre	FHK
		HK
	Winch Single drum Gravity lowering / Electric hoisting.	Elec. Boat Winch
	Winch Single drum Hydraulic lowering and hoisting.	JY FH
	Winch Twin drum Gravity lowering / electric hoisting	JY LE



## Annex N

### List of makes and types of equipment

Jiaoyan		
Jiangyinshi Beihai	Davit Free fall A/frame	FA
	Davit Single arm slewing	SAC
	Fast Rescue Boat	JYB..G
		JYB..Q
	Free-Fall Lifeboat	JYB..FC
		JYB..FF
	Lifeboat	JYB..B
		JYB..C
		JYB..F
		JYB..K
	Release Gear Off load / On load – lift not over centre	JYBHK
	Release Gear Fast Rescue Boat Offload with On-Load Capability	JYBHK
	Freefall Hydraulic / mechanical	JYBHKF
	Rescue Boat	JYB..KR
		JYB..R
		SC..K
		SC..KR
Jorgensen & Vik → See Viking Norsafe		
KGW Schweriner Maschinenbau GmbH	Davit Single arm slewing	RBP
LSA Service GmbH	Release Gear Automatic – lift over centre	LSA-H 2.1
MacGregor (Hydramarine, Hydramaskin, Navire)	Davit Hydraulic / luffing gravity lowering	HMD A
		Pivot Gravity
	Davit Roller track gravity	Roller Track Gravity
	Davit Single arm slewing	HMC
	Winch Single drum Gravity lowering / Electric hoisting.	NCG..AU
		NCG..EM
	Winch Single drum Hydraulic lowering and hoisting.	D03
		HMW
	Winch Twin drum Gravity lowering / electric hoisting	NCG..AUW
		NCG..EMW



## Annex N

### List of makes and types of equipment

Mansei	Davit Free fall A/frame	MFH
	Davit Hydraulic / luffing gravity lowering	CM-7
		M-3
		M-7
		M-8
	Davit Single arm slewing	SR-2
	Release Gear Automatic – lift over centre	RH-3
	Winch Single drum Gravity lowering / Electric hoisting	SW-2
	Winch Twin drum Gravity lowering / electric hoisting	CMW-7
		MW-3
		MW-7
		MW-8
Mare Safety	Fast Rescue Boat	DC
		FRB
		GTC
	Rescue Boat	RB
Maritime Partner (Alusafe, Weedo)	Fast Rescue Boat	Alusafe 700
		Alusafe 770
		Alusafe 900
		Weedo 600
		Weedo 700
	Rescue Boat	Weedo 17
		Weedo RESCUE 22
Mills → See Palfinger		
Mulder & Rijke → See Palfinger		
Nadiro → See Viking Norsafe		
NDM → See Palfinger		
Ned-Deck Marine → See Palfinger		
Neptun → See Jiangyin Neptun		



## Annex N

### List of makes and types of equipment

NMF	Davit Single arm slewing	BPK
		KD
Nor Davit	Davit Hydraulic / luffing gravity lowering	BOS
		LUFFING
		OPD
		SDP
	Davit Roller track gravity	RD
		ROLLER
	Winch Twin drum Gravity lowering / electric hoisting	E
		SP
Noreq → See Palfinger		
Normar → See Viking Norsafe		
Norsafe → See Viking Norsafe		
Norsafe Jiangyin → See Viking Norsafe		
NPT → See Jiangyin Neptun		
Oriental	Davit Hydraulic / luffing gravity lowering	HGD
	Davit Single arm slewing	RDS
	Winch Single drum Gravity lowering / Electric hoisting.	RDM
	Winch Twin drum Gravity lowering / electric hoisting	BWE
Palfinger (ACTA, Davit Company, FAST RSQ, Fiskars, Harding, Mills, Mulder & Rijke, NDM, Ned-Deck Marine, Noreq, Schat Davit, Schat-Harding, Watercraft, Waterman)	Davit Free fall A/frame	HFFS
		LA
	Davit Hydraulic / luffing gravity lowering	06 Luffing
		DR 35
		HD/25 - 2100
		HOTT-75
		HPLG
		LAR
		NPD
		NPDS
		PFH
		PRH 20



## Annex N

### List of makes and types of equipment

		PRH 30
		PRH 35
		SA
		SPLC
		SPR
		VIP
	Davit Roller track gravity	DRT
		FFB
		NT
		ST
	Davit Single arm slewing	DR 20
		DR12
		HSC
		SCH
		SCM
		SPMOB
		SRR
	Fast Rescue Boat	FRSQ 600
	Free-Fall Lifeboat	FF
	Lifeboat	KISS
		LBT
		M.S.
		MCB
		MCBR
		MPC
		PELB
		PE-RB
		TECB
		TELB
		TELB
	Release Gear Automatic – lift over centre	ARH
		CAR35
		CAR35F
	Release Gear Off load – lift over centre	Off-Load Quick Release "Patent"



## Annex N

### List of makes and types of equipment

	Release Gear Off load / On load – lift not over centre	FFH
		H-86-M-FF
		KH
		KH..M2
		LHR
		LHR..M2
		RRH
	Rescue Boat	MOB 17
		MOB Open Rescue Boat
		R
		RR 4.2
		RSQ 450
	Winch Single drum Gravity lowering / Electric hoisting.	04
		08
		16 KNT
		30 KNT
		33 KNT
		FME
		W 2100
	Winch Single drum Hydraulic lowering and hoisting.	0.13
		03.13.
		EW (free-fall)
		HW CT 30
		HW CT 35
		NPW 1800H - 4000H
		WH
	Winch Twin drum Gravity lowering / electric hoisting	15
		12-09.
		1-22.
		16 EV
		21.01.
		2-22.
		BE
		HD/EW - PL
		LW





## Annex N

### List of makes and types of equipment

		NW
		RW
		W
		WP
	Winch Twin drum Gravity lowering hydraulic hoisting	NPW 6000H - 18200H
Pellegrini	Davit Roller track gravity	GRA
	Winch Twin drum Gravity lowering / electric hoisting	VAS
Pesbo	Free-Fall Lifeboat	BSL
	Release Gear Off load / On load – lift not over centre	FF On-Load
	Rescue Boat	BR
Qingdao Beihai	Davit	BH
	Davit Single arm slewing	BD-SA
	Lifeboat	BH
	Release Gear Off load / On load – lift not over centre	BG
Red Rock Marine AS	Davit Hydraulic / luffing gravity lowering	RDA
		RDT
	Winch Single drum Hydraulic lowering and hoisting.	BREVINI PWD
RIB Offshore → See Viking Norsafe		
Schat Davit → See Palfinger		
Schat Harding → See Palfinger		
Selantic → See Viking Norsafe		
Sezamor	Davit Single arm slewing	ZU ZW
		ZZ ZOL
		ZZ ZOT
	Release Gear Automatic – lift over centre	HL-30
		HS-30
	Release Gear On load / Off load – lift over centre	HL-13
	Winch Single drum Gravity lowering / Electric hoisting.	WL
		WLT
		WT



## Annex N

### List of makes and types of equipment

Sheyang	Davit Roller track gravity	SFT
	Winch Twin drum Gravity lowering / electric hoisting	EI. LB RB winch
		EI. LB winch
Shigi	Free-Fall Lifeboat	FEL
	Lifeboat	SZ
	Release Gear Off load / On load – lift not over centre	SRS
		SZK-25
		SZK-30
		SZK-36
		SZK-5
	Release Gear On load / Off load – lift over centre	WP
Steen Deck Machinery	Rescue Boat	VOX
	Davit Single arm slewing	87.2-07
	Winch Single drum Gravity lowering / Electric hoisting.	87.2-07
Stocznia Ustka → See Ustka Shipyard		
Survitec (Survival Craft Inspectorate, Zodiac)	Fast Rescue Boat	Explorer
		FRB
		HD
	Release Gear Automatic – lift over centre	SLA3.5
	Release Gear Off load / On load – lift not over centre	Safelaunch LRRS
	Rescue Boat	Ribo
Survival Craft Inspectorate → See Survitec		
Thanner	Release Gear Automatic – lift over centre	ILR
T-ISS	Release Gear Automatic – lift over centre	PX01 31-37 kN
		PX02 21-25 kN
	Release Gear Automatic – lift over centre	PX03 15 kN
Tsuji → See Iknow		
TTS (Hydralift)	Davit Hydraulic / luffing gravity lowering	HL6D
		HL9D
		HLT



## Annex N

### List of makes and types of equipment

Ulstein Fama	Davit Roller track gravity	ZL
	Davit Single arm slewing	ZO
Ustka Shipyard (Stocznia Ustka)	Lifeboat	LRT
		P8
		P9
	Release Gear Off load – lift over centre	Off-load quick release
Vanguard	Davit Hydraulic / luffing gravity lowering	VL
		VL-G
	Lifeboat	VG
	Release Gear Off load / On load – lift not over centre	Csafe
	Winch Twin drum Gravity lowering / electric hoisting	DW
		VWL
Vesi-Pekka → See Welin		
Vestdavit	Davit Hydraulic / luffing gravity lowering	CL
		P
		PL
		PLR
		PW
		TDB
	Release Gear Off load – lift over centre	LB
	Winch Single drum Hydraulic lowering and hoisting.	A
		C
Viking → See Viking Norsafe		
Viking Norsafe (INI Hydraulic Co, Jorgensen & Vik, Nadiro, Normar, Norsafe, Norsafe Arsnes, Norsafe Jiangyin, RIB Offshore, Selantic, Viking, Watercraft Hellas)	Davit Fixed outrigger	NDC
	Davit Free fall A/frame	HD
	Davit Hydraulic / luffing gravity lowering	E
		LH
		LHD
		NDA
		NRB
		SD
	Davit Single arm slewing	NDSC
		NDSC-R



## Annex N

### List of makes and types of equipment

		NRC
		NRC-R
		650 Mako
		750 Magnum
	Fast Rescue Boat	FRB
		Maya
		SV (FRB)
	Free-Fall Lifeboat	GES
		JYN
		MAGGIE
		MATHILDA
		MAUD
		MAXIMA
		MINIMA
		MIRIAM
	Lifeboat	
	Release Gear Automatic – lift over centre	RCH36
	Release Gear Free fall hydraulic	HRS
	Release Gear Off load – lift over centre	K4
		1,6T
		1,8T
		FHK
		NFFH
		Tor MKII
	Release Gear Off load / On load – lift not over centre	
	Release Gear On load / Off load – lift over centre	DIB
		470 GRP1
		500 Midget
		530 Midget
		Matrix
		Merlin
		SV (MOB)
	Rescue Boat	
	Winch Single drum Hydraulic lowering and hoisting.	Hydraulic
		IYJ
	Winch Twin drum Gravity	NW



## Annex N

### List of makes and types of equipment

	lowering / electric hoisting	
Watercraft → See Palfinger		
Watercraft Hellas → See Viking Norsafe		
Waterman → See Palfinger		
Weedo → See Maritime Partner		
Welin (Vesi-Pekka, Welin Lambie)	Davit Hydraulic / luffing gravity lowering	5616-1701 RD
	Release Gear Off load – lift over centre	E-GS
	Winch Single drum Gravity lowering / Electric hoisting.	5508-3301 RW
	Winch Twin drum Gravity lowering / electric hoisting	84EMS
Wuxi Hai Hong	Free-Fall Lifeboat	HH...FC HH...FF
		HH...C HH...T
	Lifeboat	HH...C HH...T
		HH43 HH70
Wuxi Huahai	Winch Single drum Gravity lowering / Electric hoisting.	HMD
Wuxi Mingzi	Release Gear Automatic – lift over centre	21-25KN 250-T 31-37KN
Wuxi Xingshen	Release Gear Automatic – lift over centre	XS21 XS35
	Release Gear Off load / On load – lift not over centre	XS15
Zhejiang Wantong Heavy Industry Co., Ltd	Free-Fall Lifeboat	BCFF
	Rescue Boat	GJ
	Davit Free fall A/frame	FHK
	Davit Single arm slewing	SA
	Winch Single drum Hydraulic lowering and hoisting.	IYJ
	Winch Single drum Gravity lowering / Electric hoisting.	DZ



## Annex N

### List of makes and types of equipment

	Release Gear Freefall Hydraulic / mechanical	HK
	Release Gear Fast Rescue Boat Offload with On-Load Capability	HK
Zhenjiang DH Marine Equipment	Winch Single drum Gravity lowering / Electric hoisting.	DW
		DW
Zhenjiang Hengxin Ship Equipment	Lifeboat	BCC
		LB
	Release Gear Off load / On load – lift not over centre	HK
		HK..-2
	Winch Twin drum Gravity lowering / electric hoisting	D...S
		D...Z
Zhenjiang Marine Auxiliary Machinery Works	Davit Free fall A/frame	FH
	Davit Hydraulic / luffing gravity lowering	LE
	Davit Single arm slewing	SAF
	Winch Single drum Hydraulic lowering and hoisting.	Hydraulic
	Winch Twin drum Gravity lowering / electric hoisting	D
		DP
		DR
		H
Zodiac → See Survitec		
Zollern	Winch Single drum Gravity lowering / Electric hoisting.	ZH
		ZP
		ZR