

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU022824VE

This is to certify that

OMEGA S.R.L.

VIA SALONI, 59
30015 Chioggia VE ITALY

*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:*

- E - Servicing of inflatable liferafts, inflatable lifejackets,
hydrostatic release units, marine evacuation systems**
- N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear**
- Z - Inspection, testing and refilling of air and gas mixtures bottles
for breathing apparatus and for inflatable liferafts**
- D - Inspection and maintenance of fire extinguishing equipment
and systems**
- H - Inspection and maintenance of self-contained breathing
apparatus**

Date of the audit: 12 Feb 2024

Issued in VENEZIA

on 06 Mar 2024

This Certificate is valid from the date of the audit until

11 Feb 2027

This certificate consists of this sheet plus an attachment.



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

Lino BALLARIN

RINA Services S.p.A.



RINA Services S.p.A.
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ATTACHMENT TO CERTIFICATE NO. SSU022824VE

VALIDITY CONDITIONS

E - Servicing of inflatable liferafts, inflatable lifejackets, hydrostatic release units, marine evacuation systems

For Category E

the approval is granted for the following inflatable liferafts and manufacturers:

EUROVINIL:

-EV M10DL (16-25P), EV M10 TO (6-25P), EV SOLAS SILVER (M10) TO (6-12), EV SOLAS SILVER SERIES TO (6-12P), SOLAS "PROFESSIONAL" RECTANGULAR (4-12P), SOLAS CE DL (20-25P), SOLAS CE TO (6-25), SOLAS IMO DECAGONAL DL (20-25P), SOLAS IMO DECAGONAL TO (20-25P), SOLAS IMO RECTANGULAR TO (6-12P), SOLAS MED FLAT-PACK (6-12P), SOLAS UKDOT RECTANGULAR DL (20-25P), SOLAS UKDOT RECTANGULAR TO (6-16P).

DSB:

-LR 05(6 to 25 persons), LR 05L (12 to 25 persons), LR 07 (6 to 25 persons), LR 07L (12 to 25 persons), LR 86 (6 to 25 persons), LR 86 L (12 to 25 persons), LR 97 (12 to 25 persons), LR 97 L (12 to 25 persons), LR 97 SR (6 - 25 persons), LR 97 MOR (18 persons), LR 97 R, LR 97 SR (12 - 25 persons).

SEA SAFE:

-KHA (6 to 35P), KHK (6 to 100P), KHD (12 to 25P), KHZD (25 and 37 P), KHZ (6 to 50 P), PRO COMPACT KHA (6 to 16P).

SURVITECZODIAC:

-SURVITECZODIAC DL (UP TO 37), SURVITECZODIAC EPS (UP TO 16), SURVITECZODIAC MK IV DL (12 TO 25), SURVITECZODIAC MK IV TO (6 TO 25), SURVITECZODIAC, SURVITECZODIAC ORIL (UP TO 37), SURVITECZODIAC TO (UP TO 50), SURVITECZODIAC TO SR (UP TO 50), SURVITECZODIAC XTREM (UP TO 16),

CSM:

-RAFT-A-6(II)/10(II)/15(II)/16(II)/20(II)/25(II), RAFT-D-12/16/20/25, SMLR-A-6/8/10/12/15/16/20/25/32, SMLR-A-4/6/8/10/12/20/25(I), SMLR-D-12/16/20/25/32, RAFT-SR-6/10/15/20/25/50/55/65, RAFT-DSR-16/20/25/32/37, RAFT-R-6/15/25/30/50/65/66/66*2

COORDINAMENTO SICUREZZA MARITTIMA:

Pesca Modello FP

OCEAN SAFETY

-Ocean SOLAS Compact liferaft, Ocean SOLAS Ellipse Throw-Over Liferaft, Ocean SOLAS ORL liferaft, Ocean SOLAS Throw-Over Liferaft, Ocean SOLAS ultralite Liferaft, Ocean Standard Liferaft

The approval is granted for the following inflatable lifejackets and manufacturers:

CANEPA E CAMPI

-SOLAS-MED

VELERIA SAN GIORGIO

-SOLAS MED, 09350/R1/VVF HURRICANE EVO 290 VVF

OCEAN SAFETY

-Typhoon (ISP) Challenger Leisure Lifejackets, Typhoon (ISP) Challenger SOLAS Lifejackets.



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

Category N - This service supplier is certified according to the "RINA Rules for the Certification of Service Supplier" 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 supplier is to be authorized by the Flag Administration under which the ship is registered. For Flag Administration which have authorized RINA as 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 model/series of the equipment listed in the Annex N to this certificate.

Note 2:

This certificate of approval is also issued on behalf of Italian Administration according to the Italian "Executive Decree No. 321 dated 21st April 2020 and Circular NDS No. 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 document.

General conditions for the approval

- 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



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

Lino BALLARIN

RINA Services S.p.A.



Annex N

List of makes and types of equipment

Attached to Certificate No. SSU022824VE

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
SURVIVAL CRAFT		
ACEBI	Totally enclosed lifeboat, twin fall, tanker version	TELB - PELB
BALDEN	Totally enclosed lifeboat, twin fall, tanker version	BD-LB
BALDEN	Totally enclosed lifeboat, twin fall, dry version	BD-LB
DSB ENGINEERING Co Ltd	Totally enclosed lifeboat, twin fall, tanker version	DSBF
DSB ENGINEERING Co Ltd	Totally enclosed lifeboat, twin fall, dry version	DSBC
FASSMER	Totally enclosed lifeboat, twin fall, tanker version	CL -DRAGON-CLR-CLX- T GMR
FASSMER	Totally enclosed lifeboat, twin fall, dry version	CL -CLR-CLX-GMR
Fassmer Marland	Totally enclosed lifeboat, twin fall, dry version	Dragon C – HH C
Fassmer Marland	Totally enclosed lifeboat, twin fall, tanker version	Dragon F – HH T
GEPA	Totally enclosed lifeboat, twin fall, dry version	G-FK
GEPA	Totally enclosed lifeboat, twin fall, tanker version	GFK-FP
GREBEN	Totally enclosed lifeboat, twin fall, tanker version	TEL-FP
GREBEN	Totally enclosed lifeboat, twin fall, dry version	TEL
HARDING (WATERCRAFT) (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	Mk 1 -Mk 2 – Mk 3 – Mk 4 – Mk5
HARDING (UMO SCHAT HARDING) (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	MCB – MCM
HARDING (UMO SCHAT HARDING) (PALFINGER)	Totally enclosed lifeboat, twin fall, dry version	MCF
HATECKE	Totally enclosed lifeboat, twin fall, tanker version	GSL
HOI SENPAKU CO LTD	Totally enclosed lifeboat, twin fall, dry version	HS
HOI SENPAKU CO LTD	Totally enclosed lifeboat, twin fall, tanker version	HSF
HLB (HYUNDAI LIFEBOATS)	Totally enclosed lifeboat, twin fall, dry version	HDL -HLB
HLB (HYUNDAI LIFEBOATS)	Totally enclosed lifeboat, twin fall, tanker version	HDL - HLB



Annex N

List of makes and types of equipment

IHI MARINE UNITED INC	Totally enclosed lifeboat, twin fall, dry version	GTC - GTC-C
IHI MARINE UNITED INC	Totally enclosed lifeboat, twin fall, tanker version	GTR-F - GTC-F - GT-F
JAPAN MARINE UNITED CORP	Totally enclosed lifeboat, twin fall, dry version	GF
JAPAN MARINE UNITED CORP	Totally enclosed lifeboat, twin fall, tanker version	GTR
JIANGYIN NEPTUNE	Totally enclosed lifeboat, twin fall, dry version	NPT-C - SC
JIANGYIN NEPTUNE	Totally enclosed lifeboat, twin fall, tanker version	NPT-F
JIANGYINSHI BEIHAI	Totally enclosed lifeboat, twin fall, tanker version	JYB-F
JIANGYINSHI BEIHAI	Totally enclosed lifeboat, twin fall, dry version	JYB-C
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Totally enclosed lifeboat, twin fall, dry version	JY-QFP
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Totally enclosed lifeboat, twin fall, tanker version	JY-QFN
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Totally enclosed lifeboat, twin fall, dry version	JYCA - JYC
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Totally enclosed lifeboat, twin fall, tanker version	JYFA - JYF
MULDER EN RIJKE (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	TELB
NED-DECK MARINE (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	NPT
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Totally enclosed lifeboat, twin fall, tanker version	G-FR – CML - EML
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Totally enclosed lifeboat, twin fall, dry version	G-TR – CML - EML
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Totally enclosed lifeboat, twin fall, tanker version	YZF
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Totally enclosed lifeboat, twin fall, dry version	YZC
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Totally enclosed lifeboat, twin fall, dry version	NM
OY FISKARS AB	Totally enclosed lifeboat, twin fall, tanker version	TELB
OY FISKARS AB	Totally enclosed lifeboat, twin fall, dry version	TELB
NOREQ (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	LBT
PALFINGER	Totally enclosed lifeboat, twin fall, tanker version	KISS-T - NPT-C - PN
PALFINGER	Totally enclosed lifeboat, twin fall, dry version	KISS-C - NPT-F
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Totally enclosed lifeboat, twin fall, tanker version	BH
QINGDAO BEIHAI SHIPBUILDING HEAVY	Totally enclosed lifeboat, twin fall, dry version	BH



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List of makes and types of equipment

INDUSTRY CO. LTD.		
SHIGI SHIPBUILDING CO. LTD.	Totally enclosed lifeboat, twin fall, tanker version	SZTR
SHIGI SHIPBUILDING CO. LTD.	Totally enclosed lifeboat, twin fall, dry version	SZBR
SURVITEC	Totally enclosed lifeboat, twin fall, tanker version	SC
SURVITEC	Totally enclosed lifeboat, twin fall, dry version	SC
STOCZNIA UTSKA SP. Z.O.O	Totally enclosed lifeboat, twin fall, dry version	Z
Tsuneishi (Kambara Ringyo)	Totally enclosed lifeboat, twin fall, dry version	KL-TE - TL-TE
Tsuneishi (Kambara Ringyo)	Totally enclosed lifeboat, twin fall, tanker version	KL-FP
Tsuneishi (Sanyo Works)	Totally enclosed lifeboat, twin fall, dry version	TE
Tsuneishi (Sanyo Works)	Totally enclosed lifeboat, twin fall, tanker version	FP
VANGUARDE	Totally enclosed lifeboat, twin fall, tanker version	VG-F - VG-HLB
VANGUARDE	Totally enclosed lifeboat, twin fall, dry version	VG-C
VIKING (NORSAFE)	Totally enclosed lifeboat, twin fall, tanker version	JYN-T - Miram-T - Maud-T - Maggie-T - Maxima-T - Matilda-T
VIKING (NORSAFE)	Totally enclosed lifeboat, twin fall, dry version	JYN-C - Miram-C - Maud-C - Maggie-C - Maxima-C - Matilda-C
WATERMAN OY	Totally enclosed lifeboat, twin fall, tanker version	368 -377 -351 – 366 -371 – 379 – 366HRL-371HR
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed lifeboat, twin fall, tanker version	HH-T - HH-TS
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed lifeboat, twin fall, dry version	HH-C - HH-CS
WUXI WENJIAO	Totally enclosed lifeboat, twin fall, tanker version	WJBF
WUXI WENJIAO	Totally enclosed lifeboat, twin fall, dry version	WJBC
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, twin fall, dry version	YH-QFP
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, twin fall, tanker version	YH-DR
BALDEN	Totally enclosed lifeboat, freefall	BD-FFT - BD-FFC
DSB ENGINEERING CO LTD	Totally enclosed lifeboat, freefall	DSBFC - DSBFF
FASSMER	Totally enclosed lifeboat, freefall	CFL – GAR T -GAR
Fassmer Marland	Totally enclosed lifeboat, freefall	CFL-C - CFL-T
GEPA	Totally enclosed lifeboat, freefall	G-FFF
GREBEN	Totally enclosed lifeboat, freefall	FFL
HARDING (UMO SCHAT HARDING) (PALFINGER)	Totally enclosed lifeboat, freefall	FF - WFF
HATECKE (ERNST HATECKE)	Totally enclosed lifeboat, freefall	GFF



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List of makes and types of equipment

HLB (HYUNDAI LIFEBOATS)	Totally enclosed lifeboat, freefall	HDFL - HDFN-T - HDFN-F
JIANGYINSHI BEIHAI	Totally enclosed lifeboat, freefall	JYB-FC - JYB-FF
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Totally enclosed lifeboat, freefall	NPT-FF - NPT-FA - NPT-FC - NPT-FCA
JIANGYIN XINGJANG	Totally enclosed lifeboat, freefall	JY-FN
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Totally enclosed lifeboat, freefall	JY-FN - JY-FF- JYM-FF
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Totally enclosed lifeboat, freefall	JYFF - JYCF
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Totally enclosed lifeboat, freefall	YZFF - YZFC
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Totally enclosed lifeboat, freefall	FF
NOREQ (PALFINGER)	Totally enclosed lifeboat, freefall	LBF
PESBO S.A	Totally enclosed lifeboat, freefall	BSL
PALFINGER	Totally enclosed lifeboat, freefall	NPT-FF - NPT-FC - FF
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Totally enclosed lifeboat, freefall	BH-F
SHIGI SHIPBUILDING CO. LTD.	Totally enclosed lifeboat, freefall	FEL
STOCZNIA UTSKA SP. Z.O.O	Totally enclosed lifeboat, freefall	FFB
SURVITEC	Totally enclosed lifeboat, freefall	FF
VIKING (NORSAFE) (JIANGYIN)	Totally enclosed lifeboat, freefall	GES
VIKING (NORSAFE)	Totally enclosed lifeboat, freefall	JYN
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed lifeboat, freefall	HH-FC - HH-FF
WUXI WENJIAO	Totally enclosed lifeboat, freefall	WJFF - WJFFC
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, freefall	YH
BROOKER	Totally enclosed lifeboat, single fall	CA
MULDER EN RIJKE	Totally enclosed lifeboat, single fall	TELB-S
SURVIVAL SYSTEMS INT.	Totally enclosed lifeboat, single fall	CA
WHITTAKER	Totally enclosed lifeboat, single fall	CA
IHI MARINE UNITED INC	Open lifeboat, twin fall	G
JIANGYINSHI BEIHAI	Open lifeboat, twin fall	JYB-K
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Open lifeboat, twin fall	JYK
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Open lifeboat, twin fall	BJ



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List of makes and types of equipment

NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Open lifeboat, twin fall	NF - NFA
SHIGI SHIPBUILDING CO. LTD.	Open lifeboat, twin fall	SZGO - SZGM
WUXI HAIHONG BOAT MAKING CO., LTD	Open lifeboat, twin fall	BH - BJ
WUXI WENJIAO	Open lifeboat, twin fall	WJ - BH- BJ
ACEBI	Partially enclosed lifeboat, twin fall	PELB
BIANCHI & CHECCHI	Partially enclosed lifeboat, twin fall	PE
DSB ENGINEERING Co Ltd	Partially enclosed lifeboat, twin fall	DSBP
FASSMER	Partially enclosed lifeboat, twin fall	CL-P SEL- PLL-PLT
GEPA	Partially enclosed lifeboat, twin fall	G-FYK
GREBEN	Partially enclosed lifeboat, twin fall	PEL
HARDING (WATERCRAFT) (PALFINGER)	Partially enclosed lifeboat, twin fall	PERB - PELB
HARDING (WATERCRAFT) (PALFINGER)	Partially enclosed lifeboat, twin fall	MOB - MOBAC
HARDING (UMO SCHAT HARDING) (PALFINGER)	Partially enclosed lifeboat, twin fall	MPC -CTL- ML
HATECKE	Partially enclosed lifeboat, twin fall	PEL
JIANGYINSHI BEIHAI	Partially enclosed lifeboat, twin fall	JYB-B
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Partially enclosed lifeboat, twin fall	NPT-P
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Partially enclosed lifeboat, twin fall	NPT-PT
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Partially enclosed lifeboat, twin fall	JYP
MULDER EN RIJKE (PALFINGER)	Partially enclosed lifeboat, twin fall	PELB -PTL
NOREQ	Partially enclosed lifeboat, twin fall	LBP
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Partially enclosed lifeboat, twin fall	PML
PALFINGER	Partially enclosed lifeboat, twin fall	CTL -NPT-T- MPC
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Partially enclosed lifeboat, twin fall	BH10
SHIGI SHIPBUILDING CO. LTD.	Partially enclosed lifeboat, twin fall	SZP - SZPR
VIKING (NORSAFE)	Partially enclosed lifeboat, twin fall	MINIMA
WATERMAN OY	Partially enclosed lifeboat, twin fall	367 – 365 -393
AVON	Rescue Boat, single fall	RB - SR
AMBAR MARINE	Rescue Boat, single fall	AM-420



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List of makes and types of equipment

BALDEN	Rescue Boat, single fall	BD-R
DAFER (NARWHAL)	Rescue Boat, single fall	SV
DSB ENGINEERING Co Ltd	Rescue Boat, single fall	DSBRB - BSBRFA
DSB DEUTSCHE SCHLAUCHBOOTE	Rescue Boat, single fall	IRB
FASSMER	Rescue Boat, single fall	RR
GEPA	Rescue Boat, single fall	G-RB
GREBEN	Rescue Boat, single fall	RB
HARDING (UMO SCHAT HARDING) (PALFINGER)	Rescue Boat, single fall	MOB 4.5A
HATECKE	Rescue Boat, single fall	RB
HLB (HYUNDAI LIFEBOATS)	Rescue Boat, single fall	HDR
JIANGYINSHI BEIHAI	Rescue Boat, single fall	JY-BR SC-KR SC-K JYB-KR
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Rescue Boat, single fall	NPT-R NPT-RA NPT-RB NPT-RFA
JIANGYIN XINGJANG	Rescue Boat, single fall	GJ GJ- B
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Rescue Boat, single fall	GJ – GJF - GZ
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Rescue Boat, single fall	JYKR
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Rescue Boat, single fall	JYDR
MARE SAFETY	Rescue Boat, single fall	RB
NARWAL	Rescue Boat, single fall	SV
NED-DECK MARINE (PALFINGER)	Rescue Boat, single fall	NMD 4.40 RESCUE
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Rescue Boat, single fall	YZ - BJ
NOREQ (PALFINGER)	Rescue Boat, single fall	RRB
PALFINGER	Rescue Boat, single fall	RSQ
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Rescue Boat, single fall	BH-R
SHIGI SHIPBUILDING CO. LTD.	Rescue Boat, single fall	VOX46
STOCZNIA UTSKA SP. Z.O.O	Rescue Boat, single fall	R - RIB
VANGUARDE	Rescue Boat, single fall	VG-KR - VG-DRS
VIKING NEUVISA	Rescue Boat, single fall	RR-40
VIKING (NORSAFE) (JIANGYIN)	Rescue Boat, single fall	MATRIX MIDGET MERLIN MAKO
WATERCRAFT (WATER CRAFT HELLAS)	Rescue Boat, single fall	4.9m RB



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List of makes and types of equipment

(PALFINGER)		
WUXI HAIHONG BOAT MAKING CO., LTD	Rescue Boat, single fall	JG
WUXI WENJIAO	Rescue Boat, single fall	WJ
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Rescue Boat, single fall	YH-FRA - YH-R
ZODIAC (SURVITEC)	Rescue Boat, single fall	H472S RIBO
DAFER (NARWHAL)	Rescue Boat, single fall	FRB 700 FRB 900
DELTA	Rescue Boat, single fall	Comet Phantom
FASSMER	Rescue Boat, single fall	FRIR - RR
GEPA	Fast Rescue Boat, single fall	G-FRB
FASSMER	Fast Rescue Boat, single fall	FRR
Fassmer Marland	Fast Rescue Boat, single fall	FRR
HLB (HYUNDAI LIFEBOATS)	Fast Rescue Boat, single fall	HDFR
JIANGYINSHI BEIHAI	Fast Rescue Boat, single fall	JYB-G - JYB-Q
MARITIME PARTNERS	Fast Rescue Boat, single fall	Weedo 700 Weedo 17 SOLAS Weedo 600 Springer 660 . Sea Bear 23 ALUSAFE 1200 DC ALUSAFE 900 ALUSAFE 770 ALUSAFE 700
NARWHAL (DAFER)	Fast Rescue Boat, single fall	SV - FRB
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Fast Rescue Boat, single fall	YZRA - YZRB
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Fast Rescue Boat, single fall	FRP
NOREQ (PALFINGER)	Fast Rescue Boat, single fall	FRB
NORMAR	Fast Rescue Boat, single fall	FRC
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Fast Rescue Boat, single fall	FRB - BH-HR7
PALFINGER	Fast Rescue Boat, single fall	FRSQ
SHIGI SHIPBUILDING CO. LTD.	Fast Rescue Boat, single fall	FRP
SURVIVAL SYSTEMS INT	Fast Rescue Boat, single fall	FRB
STOCZNIA UTSKA SP. Z.O.O	Fast Rescue Boat, single fall	FRB
VANGUARDE	Fast Rescue Boat, single fall	VG-FRK - VG-FRW
VIKING (NORSAFE)	Fast Rescue Boat, single fall	MAKO-MERLIN-MAGNUM



Annex N

List of makes and types of equipment

WUXI WENJIAO	Fast Rescue Boat, single fall	WJ-RB WJ-RA
ZODIAC (SURVITEC)	Fast Rescue Boat, single fall	RIB
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Fast Rescue Boat, single fall	YH-FRB
LAUNCHING APPLIANCE		
ACEBI	Gravity single and twin fall outrigger	A – PF -AF
ALEXANDER RYAN	Gravity single and twin fall outrigger	BH
BIANCHI & CHECCHI	Gravity single and twin fall outrigger	PE - PET
DAVIT COMPANY	Gravity single and twin fall outrigger	FFFDA
DAVIT INTERNATIONAL	Gravity single and twin fall outrigger	D-FO - D-FOS
GLOBAL DAVIT	Gravity single and twin fall outrigger	Rsp.O Gsp.O
GREBEN	Gravity single and twin fall outrigger	FOD
JIANGYINSHI BEIHAI	Gravity single and twin fall outrigger	PD
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Gravity single and twin fall outrigger	JYP
JIANGYINSHI BEIHAI	Gravity single and twin fall outrigger	PD
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Gravity single and twin fall outrigger	NPT-DP - NPT-PL
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Gravity single and twin fall outrigger	JYPL
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Gravity single and twin fall outrigger	ORD - HD-FL
HATECKE	Gravity single and twin fall outrigger	Gsp.O
NAVIM GROUP	Gravity single and twin fall outrigger	FDRB
NED-DECK MARINE (PALFINGER)	Gravity single and twin fall outrigger	FPG
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Gravity single and twin fall outrigger	NMPL
NOREQ (PALFINGER)	Gravity single and twin fall outrigger	NRD
NOR DAVIT	Gravity single and twin fall outrigger	PL
PALFINGER	Gravity single and twin fall outrigger	FPG
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Gravity single and twin fall outrigger	BD-PL
SURVIVAL SYSTEMS INT	Gravity single and twin fall outrigger	PL
VANGUARDE	Gravity single and twin fall outrigger	PL
VIKING (NORSAFE)	Gravity single and twin fall outrigger	A – C- D-NDC



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List of makes and types of equipment

WUXI HUAHAI	Gravity single and twin fall outrigger	PD
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Gravity single and twin fall outrigger	PL
ACEBI	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	TPC
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BDH
DAVIT INTERNATIONAL	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	D-NP - D-SP
DSB ENGINEERING Co Ltd	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	DSBDYL
FASSMER	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	FMPD
GLOBAL DAVIT	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	Rhp -RhI Gsp.FLh Gsp.FPh Glp.FLh Glp.FPh
GREBEN	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	HD - GD-PD
HATECKE	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	Gsp.FP
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SPD
JIANGYINSHI BEIHAI	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BHGH
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	JYHG
NAVIM GROUP	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SGHD- L - SPHD- T
NED-DECK MARINE (PALFINGER)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	PLG
NOREQ (PALFINGER)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NPD
PALFINGER	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	PFH - NPD
TTS (HYDRALIFT)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	HL9D
VANGUARDE	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	PFH - SRH
VIKING (NORSAFE)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	LH
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SRH
ACEBI	Twin Fall Gravity Pivoting / Luffing	SPG
ARIM	Twin Fall Gravity Pivoting / Luffing	AHA
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Fall Gravity Pivoting / Luffing	BDH - BDMS



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List of makes and types of equipment

DAVIT INTERNATIONAL	Twin Fall Gravity Pivoting / Luffing	D-NP - D-NP.MP
DONGNAM MARINE CRANE CO.,LTD.	Twin Fall Gravity Pivoting / Luffing	DHGD - DWS
DSB ENGINEERING Co Ltd	Twin Fall Gravity Pivoting / Luffing	DSBDL - DSBCTL
FASSMER	Twin Fall Gravity Pivoting / Luffing	FPD
GLOBAL DAVIT	Twin Fall Gravity Pivoting / Luffing	GLp.FP- Gsp.FP Gsp.MP -Glp.MP
GREBEN	Twin Fall Gravity Pivoting / Luffing	SPG
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin Fall Gravity Pivoting / Luffing	HD-SPG-HD-VIP SPG(L)-SPG(VL)
JIANGYINSHI BEIHAI	Twin Fall Gravity Pivoting / Luffing	BH-G LB-H - LA
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin Fall Gravity Pivoting / Luffing	JYL
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Twin Fall Gravity Pivoting / Luffing	NPT-DL NPT-DP NPT-DYL
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin Fall Gravity Pivoting / Luffing	JYPL
MANSEI	Twin Fall Gravity Pivoting / Luffing	ABD -AH-AV EM-EH-M
MIURA MACHINE COMPANY CO.LTD (MIURA VIDER) (MANSEI)	Twin Fall Gravity Pivoting / Luffing	MVD
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Twin Fall Gravity Pivoting / Luffing	L
IKNOW MACHINERY (TSUJI)	Twin Fall Gravity Pivoting / Luffing	HD
NOR DAVIT	Twin Fall Gravity Pivoting / Luffing	SDP
PALFINGER	Twin Fall Gravity Pivoting / Luffing	NPT - VIP
PELEGRINI MARINE EQUIPMENT	Twin Fall Gravity Pivoting / Luffing	GRA
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Twin Fall Gravity Pivoting / Luffing	BD-PV
ORIENTAL PRECISION	Twin Fall Gravity Pivoting / Luffing	HGD -HGK DHA-DMA
SEKIGAHARA	Twin Fall Gravity Pivoting / Luffing	SFA-SFB SFP-SHS
TSUJI HEAVY INDUSTRIES	Twin Fall Gravity Pivoting / Luffing	H
VANGUARDE	Twin Fall Gravity Pivoting / Luffing	VL- LE
VIKING (NORSAFE)	Twin Fall Gravity Pivoting / Luffing	E
WUXI HUAHAI	Twin Fall Gravity Pivoting / Luffing	HMD
WUXI DONGWU	Twin Fall Gravity Pivoting / Luffing	18Kn-110Kn
WUXI SHENGOU	Twin Fall Gravity Pivoting / Luffing	SHMDL
YOUNGNAM MACHINERY CO. Ltd	Twin Fall Gravity Pivoting / Luffing	YNBD



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List of makes and types of equipment

ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Fall Gravity Pivoting / Luffing	L - YSJ
ACEBI	Twin Fall Gravity Rollertrack	GRA
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Fall Gravity Rollertrack	BDTW
DAVIT INTERNATIONAL	Twin Fall Gravity Rollertrack	12A
GLOBAL DAVIT	Twin Fall Gravity Rollertrack	Gsp.RT,Glp.RT,Gsp.RT
GREBEN	Twin Fall Gravity Rollertrack	GR-RTD
JIANGYINSHI BEIHAI	Twin Fall Gravity Rollertrack	RB-H , HB-H
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin Fall Gravity Rollertrack	JYGR
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin Fall Gravity Rollertrack	JYHE
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin Fall Gravity Rollertrack	GRA , HD-RT
MANSEI	Twin Fall Gravity Rollertrack	GRA , AT
ORIENTAL PRECISION	Twin Fall Gravity Rollertrack	RTD
PALFINGER	Twin Fall Gravity Rollertrack	NPT
SEKIGAHARA	Twin Fall Gravity Rollertrack	AT, STS
TSUJI HEAVY INDUSTRIES	Twin Fall Gravity Rollertrack	TC,T83
HARDING (WATERCRAFT) (PALFINGER)	Twin Fall Gravity Rollertrack	WRG
WUXI DONGWU	Twin Fall Gravity Rollertrack	25kN -30kN
WUXI SHENGOU	Twin Fall Gravity Rollertrack	SMD
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Gravity freefall primary	BDF
HARDING (UMO SCHAT HARDING) (PALFINGER)	Gravity freefall primary	LA , FFB
PALFINGER	Gravity freefall primary	FF
STOCZNIA UTSKA SP. Z.O.O	Gravity freefall primary	PZ
VIKING (NORSAFE)	Gravity freefall primary	SW
ACEBI	Free fall secondary hydraulic A Frame	TPF
ACTA	Free fall secondary hydraulic A Frame	HSC
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Free fall secondary hydraulic A Frame	BDF , HDFL
DAVIT INTERNATIONAL	Free fall secondary hydraulic A Frame	D-FH
DENIZSAN	Free fall secondary hydraulic A Frame	DSFDD
DSB ENGINEERING Co Ltd	Free fall secondary hydraulic A Frame	DSBDF



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List of makes and types of equipment

FASSMER	Free fall secondary hydraulic A Frame	FFH
Fassmer Marland	Free fall secondary hydraulic A Frame	FFH
GREBEN	Free fall secondary hydraulic A Frame	HFF
GURDESAN	Free fall secondary hydraulic A Frame	GD-FFD
JIANGYINSHI BEIHAI	Free fall secondary hydraulic A Frame	FA
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Free fall secondary hydraulic A Frame	JYF
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Free fall secondary hydraulic A Frame	NPT-DF
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Free fall secondary hydraulic A Frame	JY-FH
HARDING (UMO SCHAT HARDING) (PALFINGER)	Free fall secondary hydraulic A Frame	FF
HATECKE	Free fall secondary hydraulic A Frame	FFA , FFB
MANSEI	Free fall secondary hydraulic A Frame	MFH , D-FH,FE
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Free fall secondary hydraulic A Frame	YZF
PALFINGER	Free fall secondary hydraulic A Frame	NPT-DF
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Free fall secondary hydraulic A Frame	BD-FF
ORIENTAL PRECISION	Free fall secondary hydraulic A Frame	FD, FF
SEC (Ships Equipment Centre)	Free fall secondary hydraulic A Frame	HP2
SEKIGAHARA	Free fall secondary hydraulic A Frame	SF
SERVO SHIP S.L	Free fall secondary hydraulic A Frame	FFR-20
STOCZNIA UTSKA SP. Z.O.O	Free fall secondary hydraulic A Frame	HZ
VIKING (NORSAFE)	Free fall secondary hydraulic A Frame	HD
VIKING (NORSAFE) (JIANGYIN)	Free fall secondary hydraulic A Frame	HD
VERHOEF	Free fall secondary hydraulic A Frame	FL
WUXI DONGWU	Free fall secondary hydraulic A Frame	F , NPT100F
WUXI SHENGOU	Free fall secondary hydraulic A Frame	SMDF
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Free fall secondary hydraulic A Frame	FH
ACEBI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	TPU
ARIM	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ARPV
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BDA , BDFA BFRD



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List of makes and types of equipment

DAVIT INTERNATIONAL	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	D-NPS.SP, D-TT.SP. D-NP.FR
DENIZSAN	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSFRB
DSB ENGINEERING Co Ltd	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSBARH , DSBDR DSBDP
GLOBAL DAVIT	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	Rhp , Rhp.HC
GREBEN	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RLC
JIANGYINSHI BEIHAI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	EHRD, FRH SRH
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JYA , JYH
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPT-DR
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPT- BE
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JY-PLR JY-LFR JY-LRHE
HARDING (UMO SCHAT HARDING) (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	SA
TTS (HYDRALIFT)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HL
MACGREGOR (TTS) (HYDRAMARINE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A-Type, HMD HMC,HLD
MANSEI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HER
NED-DECK MARINE (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	PFH , PRH PRHE
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NM, NMAR
NOREQ (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPD
PALFINGER	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	SCM-L, SCH-R SCM -R
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BD-AR
ORIENTAL PRECISION	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RD
REDROCK	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RDA
VESTDAVIT	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	P, PLR, PL, PLP, PLAR PLD, PAP, PAPH , PLi
VANGUARDE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DH, PR , PRH
VIKING (NORSAFE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NDA , NRB
WUXI HUAHAI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HMDA



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List of makes and types of equipment

WUXI DONGWU	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A30/H35
WUXI SHENGOU	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HMDA
ZHENJIANG WEST MARINE EQUIPMENT CO. LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	WME-LRH
ABAS	Single arm Slewing	MDE , KDE
ACEBI	Single arm Slewing	PFR , TPU , RRP
ACORN	Single arm Slewing	R18700
ACTA	Single arm Slewing	MOB , DR , HSC
ARIM	Single arm Slewing	AREH , ARPV
A TECH	Single arm Slewing	AT-LRD
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single arm Slewing	BDR , BLR
COASTAL MARINE EQUIPMENT, INC.	Single arm Slewing	D
DAESUNG	Single arm Slewing	COMBI
DAVIT INTERNATIONAL	Single arm Slewing	D-AC.S , D-CRm D-CR.R,D.BC.R,D-FOS , D-BR D- RC,D-RC.T, D.Cre.R
DENIZSAN	Single arm Slewing	DSRBD , DRBD, DRBLRD
DONGNAM MARINE CRANE CO.,LTD.	Single arm Slewing	DSAD DSAC DNRD ,DR,DRBLRD
DSB ENGINEERING Co Ltd	Single arm Slewing	DSB23DR
FASSMER	Single arm Slewing	FSARR
GILBERT & SCHMALRIEDE. GMBH & CO. KG	Single arm Slewing	PJ1385
GLOBAL DAVIT	Single arm Slewing	Lms ,Lms.s Lmes.S,R Rms Rmes.S,,Rms.L Rmes.L.S,Rms.S Rms.L.S,Rhs,Rhs.L Rhs.S,Rhs.L.S,Lml Rml,Rhl,Rhp Fhs,Fhs.S,Fhs.L,Fhs.R,Fhs.R.S SAR
GREBEN	Single arm Slewing	
GURDESAN	Single arm Slewing	GD-RRS , GD-KHK
JIANGYINSHI BEIHAI	Single arm Slewing	SA, SAC
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Single arm Slewing	JYRCA, JYR
JIANGYINSHI BEIHAI	Single arm Slewing	SMR



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List of makes and types of equipment

JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single arm Slewing	NPT-DR
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single arm Slewing	JYSA
JUNG-A-MARINE CO., LTD	Single arm Slewing	PCRLC
HAEAN MACHINERY IND. CO. LTD.	Single arm Slewing	HED-PC
HAEAN MACHINERY IND. CO. LTD.	Single arm Slewing	HHD-PC
HANYOUNG ENTERPRISE	Single arm Slewing	RESCUE BOAT DAVIT
HARDING (UMO SCHAT HARDING) (PALFINGER)	Single arm Slewing	LAR,SAR,SPR,SRR
NED-DECK MARINE (PALFINGER)	Single arm Slewing	SCH,SCM,SCT,SEC
NMF	Single arm Slewing	BPK , KD.2
MANSEI	Single arm Slewing	SAR , SR,RD
NAVIGATIONS	Single arm Slewing	1.1
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Single arm Slewing	ZFDZ
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Single arm Slewing	YZ
NOREQ (PALFINGER)	Single arm Slewing	SCH, SCHD,SCM-L SCH-R,SCM -R
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Single arm Slewing	BD- SA , BD-SH
ORIENTAL PRECISION	Single arm Slewing	RD , SHS
SEC (Ships Equipment Centre)	Single arm Slewing	MS
SEZAMOR	Single arm Slewing	ZZ-ZOL , ZZ-ZOT
SHIN MYUNG TECH	Single arm Slewing	SMRBD-SD, SMRBD&LRD SMRBD&PV SMRB&LRD-FT
TSUJI HEAVY INDUSTRIES	Single arm Slewing	RP
ULSTEIN FAMA (FAMA GNIEW)	Single arm Slewing	ZO
ULSTEIN FAMA (FAMA GNIEW)	Single arm Slewing	ZT
VIKING (NORSAFE)	Single arm Slewing	NRC-R
VIKING (NORSAFE) (JIANGYIN)	Single arm Slewing	NDSC-R
VANGUARDE	Single arm Slewing	HS,VS,MS
VESTDAVIT	Single arm Slewing	L
WELIN LAMIE	Single arm Slewing	LRW
WELIN LAMBIE	Single arm Slewing	SARBE
WUXI DONGWU	Single arm Slewing	21 - 35KN, DCW210



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List of makes and types of equipment

WUXI HAIHONG BOAT MAKING CO., LTD	Single arm Slewing	23KN
WUXI HUAHAI	Single arm Slewing	HMB
WUXI SHENGOU	Single arm Slewing	SMC, SMD
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single arm Slewing	SAFC,HDCL,SAW,ZF
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	TT
DAVIT INTERNATIONAL	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	D-TT,DTT.SP, D-FP.R
GILBERT & SCHMALRIEDE. GMBH & CO. KG	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	PJ-1386
MACGREGOR (TTS) HYDRAMARINE)	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	T-TYPE
NAVIM GROUP	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	SPDT-L, SPDT-T SPDT-R
PALFINGER	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	NTD
REDROCK	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	RDT
VESTDAVIT	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	TBD
RELEASE GEAR		
BALDEN	Lifeboat on load lift not over centre, flat to flat rotating cams	BD-LBH
HOI SENPAKU CO LTD	Lifeboat on load lift not over centre, flat to flat rotating cams	HS
HLB (HYUNDAI LIFEBOATS)	Lifeboat on load lift not over centre, flat to flat rotating cams	Talon Mk 1
VIKING (NORSAFE)	Lifeboat on load lift not over centre, flat to flat rotating cams	TOR MK 1 -TOR MK 2
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Lifeboat on load lift not over centre, flat to flat rotating cams	BG
WILLIAM MILLS	Lifeboat on load lift not over centre, flat to flat rotating cams	TITAN
BC SERVICE	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	U HOOK
FASSMER	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	DUPLEX<6.6T
HATECKE	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	DUPLEX<6.6T
HLB (HYUNDAI LIFEBOATS)	Lifeboat on load lift not over centre, forward or " reverse curve to curve rotating cams	TALON Mk 2
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	PNG-HKC
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	NPT-HKC
PALFINGER	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	LHR MK 1- LHR MK 2



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List of makes and types of equipment

SURVITEC	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	SafeLaunch
MADROCK	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	RocLoc
FASSMER	Lifeboat on load lift not over centre, Curve to flat rotating cams	DUPLEX>6T
HATECKE	Lifeboat on load lift not over centre, Curve to flat rotating cams	DUPLEX>6T
HOI SENPAKU CO LTD	Lifeboat on load lift not over centre, Curve to flat rotating cams	HS650 96
HOI SENPAKU CO LTD	Lifeboat on load lift not over centre, Curve to flat rotating cams	HS520 96
JIANGYINSHI BEIHAI	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Lifeboat on load lift not over centre, Curve to flat rotating cams	NPT 50
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Lifeboat on load lift not over centre, Curve to flat rotating cams	NS
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Lifeboat on load lift not over centre, Curve to flat rotating cams	SR-3
SHIGI SHIPBUILDING CO. LTD.	Lifeboat on load lift not over centre, flat to flat rotating cams	SRS
VANGUARDE	Lifeboat on load lift not over centre, Curve to flat rotating cams	SH
VANGUARDE	Lifeboat on load lift not over centre, Curve to flat rotating cams	C-safe
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK
GREBEN	Lifeboat on load lift not over centre, up and down pins / collars	NLH
HOI SENPAKU CO LTD	Lifeboat on load lift not over centre, up and down pins / collars	HS650 83- HS520 83
IHI MARINE UNITED INC	Lifeboat on load lift not over centre, up and down pins / collars	JX-1
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Lifeboat on load lift not over centre, up and down pins / collars	JX-1
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Lifeboat on load lift not over centre, up and down pins / collars	JX-1
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Lifeboat on load lift not over centre, up and down pins / collars	IHM 12, IHM 13
SHIGI SHIPBUILDING CO. LTD.	Lifeboat on load lift not over centre, up and down pins / collars	SZK-5, SZK
Tsuneishi	Lifeboat on load lift not over centre, up and down pins / collars	43GS-1
SURVIVAL SYSTEMS INT.	Lifeboat on load lift over centre	SureSafe, Triple 5, Triple 5 LX



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VIKING (NADIRO)	Lifeboat on load lift over centre	DIB
WILLIAM MILLS	Lifeboat Offload release lift over centre	EMPRESS
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Freefall Hydraulic / mechanical	BHA
DAE JIN Co. LTD	Freefall Hydraulic / mechanical	THP-1B
FASSMER	Freefall Hydraulic / mechanical	F
HATECKE	Freefall Hydraulic / mechanical	GFF
HARDING (UMO SCHAT HARDING) (PALFINGER)	Freefall Hydraulic / mechanical	FFH
JIANGYINSHI BEIHAI	Freefall Hydraulic / mechanical	HKF
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Freefall Hydraulic / mechanical	NPT-70HKF
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Freefall Hydraulic / mechanical	JX-2
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Freefall Hydraulic / mechanical	FHK
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Freefall Hydraulic / mechanical	ML
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Freefall Hydraulic / mechanical	F
PALFINGER	Freefall Hydraulic / mechanical	FFH
PESBO S.A	Freefall Hydraulic / mechanical	BSL
VIKING (NORSAFE)	Freefall Hydraulic / mechanical	NFFH , HRS
VERHOEF	Freefall Hydraulic / mechanical	TwistLock
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Rescue boat offload lift over center	BHR
BC SERVICE	Rescue boat offload lift over center	U HOOK
DAVIT INTERNATIONAL	Rescue boat offload lift over center	OLH
GLOBAL DAVIT	Rescue boat offload lift over center	HRN
HATECKE	Rescue boat offload lift over center	SIMPLEX OFFLOAD
SEZAMOR	Rescue boat offload lift over center	HLR
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Rescue boat offload w. Onload capability	BHR255
DAVIT INTERNATIONAL	Rescue boat offload w. Onload capability	RH
GLOBAL DAVIT	Rescue boat offload w. Onload capability	HR
HATECKE	Rescue boat offload w. Onload capability	SIMPLEX
HARDING (UMO SCHAT	Rescue boat offload w. Onload capability	RRH



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List of makes and types of equipment

HARDING) (PALFINGER)		
PALFINGER	Rescue boat offload w. Onload capability	RRH
T-ISS BV	Rescue boat offload w. Onload capability	PX02
JIANGYINSHI BEIHAI	Fast Rescue Boat Offload with On-Load Capability	HK
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Fast Rescue Boat Offload with On-Load Capability	JXN-3
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Fast Rescue Boat Offload with On-Load Capability	HK
NOREQ (PALFINGER)	Fast Rescue Boat Offload with On-Load Capability	JXN-3
WUXI WENJIAO	Fast Rescue Boat Offload with On-Load Capability	HK
VIKING (NORSAFE)	Fast Rescue boat offload	K4
HARDING (UMO SCHAT HARDING) (PALFINGER)	Fast rescue boat offload \ Manual or automatic	CAR-35F
HENRIKSEN	Fast rescue boat offload \ Manual or automatic	HMK , HCH
PALFINGER	Fast rescue boat offload \ Manual or automatic	CAR-35F
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	BHA
BALDEN	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	BDHR
GEPA	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	G-K
GLOBAL DAVIT	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	HRL
CHANG SHENG	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	35kN
HARDING (UMO SCHAT HARDING) (PALFINGER)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	ARH 23
NED-DECK MARINE (PALFINGER)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	CAR 35
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	NPT-HK25F
MANSEI	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	RH
PALFINGER	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	CAR 35
SERVOSHIP	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	200
SEZAMOR	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	HS
SURVITEC	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SLA 3.5
T-ISS BV	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	PX01 , PX02
WUXI XINGSHENG	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	XS



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List of makes and types of equipment

BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Devices For Activating Release Central Release Unit	BD-LH
BC SERVICE	Devices For Activating Release Central Release Unit	U HOOK
FASSMER	Devices For Activating Release Central Release Unit	Duplex > 6t , Duplex < 6.6t
GREBEN	Devices For Activating Release Central Release Unit	NLH
HATECKE	Devices For Activating Release Central Release Unit	Duplex > 6t , Duplex < 6t
IHI MARINE UNITED INC	Devices For Activating Release Central Release Unit	JX-1
JIANGYINSHI BEIHAI	Devices For Activating Release Central Release Unit	HK
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Devices For Activating Release Central Release Unit	JX
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Devices For Activating Release Central Release Unit	NPT-50, PN-HKC, NPT-HKC
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Devices For Activating Release Central Release Unit	JX-1, HK
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Devices For Activating Release Central Release Unit	HK
HOI SENPAKU CO LTD	Devices For Activating Release Central Release Unit	HS, HS650 96, HS 520 96
HLB (HYUNDAI LIFEBOATS)	Devices For Activating Release Central Release Unit	Talon Mk 1, Talon Mk 2
MADROCK	Devices For Activating Release Central Release Unit	RocLoc
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Devices For Activating Release Central Release Unit	NS, IHM 12, IHM 13
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Devices For Activating Release Central Release Unit	BG
PALFINGER	Devices For Activating Release Central Release Unit	LHR Mk1, LHR Mk 2, Nadiro D.I.B.series
SHIGI SHIPBUILDING CO. LTD.	Devices For Activating Release Central Release Unit	SRS, SZK-5, SZK-30
SURVITEC	Devices For Activating Release Central Release Unit	SafeLaunch
SSI	Devices For Activating Release Central Release Unit	SureSafe, Triple 5, Triple 5 LX
Tsuneishi	Devices For Activating Release Central Release Unit	43GS-1
VANGUARDE	Devices For Activating Release Central Release Unit	S, C-safe
VIKING (NORSAFE)	Devices For Activating Release Central Release Unit	Tor Mk 1, Tor Mk 2 Nadiro D.I.B
WILLIAM MILLS	Devices For Activating Release Central Release Unit	TITAN
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Devices for activating release Free Fall Hydraulic Primary and Secondary	BHA



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List of makes and types of equipment

DAE JIN Co. LTD	Devices for activating release Free Fall Hydraulic Primary and Secondary	THP-1B
FASSMER	Devices for activating release Free Fall Hydraulic Primary and Secondary	FFH
HATECKE	Devices for activating release Free Fall Hydraulic Primary and Secondary	GFF
HARDING (UMO SCHAT HARDING) (PALFINGER)	Devices for activating release Free Fall Hydraulic Primary and Secondary	FFH
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Devices for activating release Free Fall Hydraulic Primary and Secondary	JX-2
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Devices for activating release Free Fall Hydraulic Primary and Secondary	ML, F
PALFINGER	Devices for activating release Free Fall Hydraulic Primary and Secondary	FFH, NPT
VIKING (NORSAFE)	Devices for activating release Free Fall Hydraulic Primary and Secondary	GES
VERHOEF	Devices for activating release Free Fall Hydraulic Primary and Secondary	TwistLock
BC SERVICE	Devices For Activating Release; Hydrostatic Unit with Diaphragm	U HOOK
HOI SENPAKU CO LTD	Devices For Activating Release; Hydrostatic Unit with Diaphragm	HS, HS 520 96, HS650 96
HLB (HYUNDAI LIFEBOATS)	Devices For Activating Release; Hydrostatic Unit with Diaphragm	Talon Mk 1, Talon Mk 2
IHI MARINE UNITED INC	Devices For Activating Release; Hydrostatic Unit with Diaphragm	JX-1
JIANGYINSHI BEIHAI	Devices For Activating Release; Hydrostatic Unit with Diaphragm	HK
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Devices For Activating Release; Hydrostatic Unit with Diaphragm	JX
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Devices For Activating Release; Hydrostatic Unit with Diaphragm	JX-1
PALFINGER	Devices For Activating Release; Hydrostatic Unit with Diaphragm	LHR Mk1, LHR Mk 2
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Devices For Activating Release; Hydrostatic Unit with Diaphragm	BG
SURVITEC	Devices For Activating Release; Hydrostatic Unit with Diaphragm	SafeLaunch
Tsuneishi	Devices For Activating Release; Hydrostatic Unit with Diaphragm	43GS-1
VANGUARDE	Devices For Activating Release; Hydrostatic Unit with Diaphragm	S , C-safe
VIKING (NORSAFE)	Devices For Activating Release; Hydrostatic Unit with Diaphragm	Tor Mk 1 , Tor Mk 2
WILLIAM MILLS	Devices For Activating Release; Hydrostatic Unit with Diaphragm	TITAN
FASSMER	Devices For Activating Release; Hydrostatic Unit with Float	Duplex > 6t , Duplex < 6.6t
HATECKE	Devices For Activating Release; Hydrostatic Unit with Float	Duplex > 6t , Duplex < 6t



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List of makes and types of equipment

JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Devices For Activating Release; Hydrostatic Unit with Float	NPT-50, NPT-HKC, PN-HKC
MADROCK	Devices For Activating Release; Hydrostatic Unit with Float	RocLoc
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Devices For Activating Release; Hydrostatic Unit with Float	NS, IHM 12, IHM 13
SHIGI SHIPBUILDING CO. LTD.	Devices For Activating Release; Hydrostatic Unit with Float	SRS, SZK5 SZK30
GREBEN	Devices For Activating Release; Electronic Sensor	NLH
VIKING (NORSAFE)	Devices For Activating Release; Electronic Sensor	Nadiro D.I.B
WINCH		
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	BA, BM, PWD
DAVIT COMPANY	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	24EPB
DAVIT INTERNATIONAL	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	2,3,4,12,40
DONGWOO MACHINERY & ENGINEERING CO., LTD.	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	DWS
GLOBAL DAVIT	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	10Kn, 14Kn 20Kn,26Kn
GREBEN	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	EW, CW
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	HD, BE,MW
HARDING (WATERCRAFT) (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	NW,MW
IKNOW MACHINERY	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	EB
MANSEI	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	EW, MW,CMW AW
MIURA MACHINE COMPANY CO.LTD (MIURA VIDER) (MANSEI)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	RBH, LBH
NED-DECK MARINE (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	15
NOR DAVIT	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	SP
PELEGRINI MARINE EQUIPMENT	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	VAS 45 E



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List of makes and types of equipment

QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	BW-LL, BW-HL BW-HR
TSUJI HEAVY INDUSTRIES	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	EB
WELIN LAMBIE	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake cetrifugal w pads	53,55,97
ACEBI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	TBE
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	BW
JAPAN MARINE UNTIED CORP.	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	MU
JIANGYINSHI BEIHAI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	DS,DZ,DW,JYBW
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	JYW, JYWP
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	DW, DS
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	JYD
MANSEI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	FBW, ABW
ORIENTAL PRECISION	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	BWE, SWE
SEKIGAHARA	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	SNW , SWE
WUXI HUAHAI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	HMW
WUXI DONGWU	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	DS/Z



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List of makes and types of equipment

YOUNGNAM MACHINERY CO. Ltd	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	YNBW
WUXI DONGWU	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	DZ
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake cetrifugal w pads	DP ,D
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	CW , W
PALFINGER	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	CW , W
Fassmer	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake hydraulic pump	FDW
ACEBI	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	TBE
A TECH	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	AT10-LRD
DONGNAM MARINE CRANE CO.,LTD.	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	DSAD
HARDING (UMO SCHAT HARDING) (PALFINGER)	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	16 EBR
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	NPT-DW
NED-DECK MARINE (PALFINGER)	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	4
SEC	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	WL
SURVIVAL SYSTEMS INT.	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	W
VIKING (NORSAFE) (JIANGYIN)	Single Drum Gravity lowering electric hoisting lifebaot / rescue boat / static brake pad, cone , disk, band / decent brake centrifugal pads	DW
ACoin	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	BE-2
ALEXANDER WELIN	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone,	AIW



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List of makes and types of equipment

	disk, eccentric cam / decent brake centrifugal pads	
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	BDF
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	BLR, BLW BMW,BRW
DAVIT COMPANY	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	16 EV
DAVIT INTERNATIONAL	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	01Kn, 02kn,03Kn,04Kn,06Kn,07Kn
DONGNAM MARINE CRANE CO.,LTD.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	DRBD, DRBLRW
FASSMER	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	DEW
GLOBAL DAVIT	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	01Kn,02kn,03Kn 04Kn,08Kn
HAEAN MACHINERY IND. CO. LTD.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	HHD-PC
GURDESAN	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	GD-FLW
JIANGYINSHI BEIHAI	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	YZ
MANSEI	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	SW, RMW, MLW, ERW
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	JYRZ
NED-DECK MARINE (PALFINGER)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	HWCT
ORIENTAL PRECISION	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	RDW



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List of makes and types of equipment

	pads	
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	BW-SC
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	FME
SEC (Ships Equipment Centre)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	WL
TSUJI HEAVY INDUSTRIES	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	TC
ULSTEIN FAMA (FAMA GNIEW)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	ERM
WELIN LAMBIE	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad , cone, disk, eccentric cam / decent brake centrifugal pads	5619, 9502, RBW
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single Drum, hydraulic-lowering/hydraulic hoisting	HDF, PWD
DAVIT INTERNATIONAL	Single Drum, hydraulic-lowering/hydraulic hoisting	06Kn
FASSMER	Single Drum, hydraulic-lowering/hydraulic hoisting	FFWH
Fassmer Marland	Single Drum, hydraulic-lowering/hydraulic hoisting	FFWH
GLOBAL DAVIT	Single Drum, hydraulic-lowering/hydraulic hoisting	W05HC, W08HC, WS
GURDESAN	Single Drum, hydraulic-lowering/hydraulic hoisting	GD-HC-A
GREBEN	Single Drum, hydraulic-lowering/hydraulic hoisting	HW
HATECKE	Single Drum, hydraulic-lowering/hydraulic hoisting	FFA
HAEAN MACHINERY IND. CO. LTD.	Single Drum, hydraulic-lowering/hydraulic hoisting	HHD-PC
HYDRALIFT	Single Drum, hydraulic-lowering/hydraulic hoisting	SP
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Single Drum, hydraulic-lowering/hydraulic hoisting	FW
MACGREGOR (TTS) (HYDRAMARINE)	Single Drum, hydraulic-lowering/hydraulic hoisting	HMW
MANSEI	Single Drum, hydraulic-lowering/hydraulic hoisting	06kn, FW
NOREQ (PALFINGER)	Single Drum, hydraulic-lowering/hydraulic hoisting	NW
ORIENTAL PRECISION	Single Drum, hydraulic-lowering/hydraulic hoisting	WL
SERVO SHIP S.L	Single Drum, hydraulic-lowering/hydraulic hoisting	FFRW-4500kg



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List of makes and types of equipment

VIKING (NORSAFE) (JIANGYIN)	Single Drum, hydraulic-lowering/hydraulic hoisting	HYD-FF
VERHOEF	Single Drum, hydraulic-lowering/hydraulic hoisting	FL 50
ZOLLERN	Single Drum, hydraulic-lowering/hydraulic hoisting	ZHP, ZR
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single Drum, hydraulic-lowering/hydraulic hoisting	SAW30
ZHENJIANG WEST MARINE EQUIPMENT CO. LTD	Single Drum, hydraulic-lowering/hydraulic hoisting	WME-LRH