A AV L I HE I VR

Certificate no.:
AOSS0000FA0
Revision no.:
4

This is to certify that

Star International Ltd

Merseyside, United Kingdom

is granted acceptance for

Inspection and maintenance of fire extinguishing equipment and systems. Inspections and maintenance of self-contained breathing apparatus. In accordance with Class Programmes DNV-CP-0484 and DNV-CP-0624, and IACS UR Z17 Annex 1[7].

This service supplier certificate will be accepted for use with all rule sets published by DNV.

This Certificate is valid from **2024-12-07** to (inclusive) **2027-12-06**.

This Certificate is issued on **2025-09-30**.

for **DNV**

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Kosciolowski, Dominik

This Certificate may be withdrawn if:
1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Remarks:

1. The Requirements stated in Class Programme DNV-CP-0484 and DNV-CP-0624 continue to be met. The Approval is conditional upon the firm maintaining the audited scheme and notifying DNV of any significant changes in personnel, equipment or procedures.
2. Company Supervisors and Authorized Personnel to carry out Maintenance and Inspection of fire extinguishing equipment and systems AND Inspection and Maintenance of self-contained breathing apparatus on Classification projects pertinent to this Approval is controlled by the Certificate Holder Training and Qualification Procedure.
3. Evidence of valid qualifications and trainings, as required for service technicians for the relevant service, must be presented to attending surveyors at the time of conducting service.
4. Valid copy of Approval of Service Supplier certificate to be available before each service and to be presented to attending surveyor.
5. The servicing and maintenance of the following types of systems are covered by this certificate:
- Portable fire extinguishers – all types.
- HP/LP CO2 fixed extinguishing systems.
- Fire fighting systems including FM200, INERGEN, ARGONITE, NOVEC, GDS.
- Dry powder systems.
- Foam systems and applicators.
- Fire fighters' outfits and breathing apparatuses including air compressors of the following types: Interspiro, Draeger, Scott, MSA, Spascianni.
- Pressure testing of high pressure cylinders.
- EEBD types: Interspiro, Draeger, Scott, MSA, Spascianni.
- Water mist systems.

NOTE Foam analysis is carried out at LEIA (Laboratory of Expertise, Innovation and Analysis).

Certificate no.:
AOSS0000NCS

A AV L I HEI VR

This is to certify that

Star International Ltd

Merseyside, United Kingdom

is granted acceptance for

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear , in accordance with Class Programme DNV-CP-0484 and IACS UR Z17 Annex 1 [13].

This service supplier certificate will be accepted for use with all rule sets published by DNV.
See the following page(s) for details regarding application.

This Certificate is valid from **2025-09-30** to (inclusive) **2028-09-29**.

This Certificate is issued on **2025-09-30**.

for **DNV**

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

Kosciolowski, Dominik

This Certificate may be withdrawn if:
1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Application:

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

LIFEBOATS – CONVENTIONAL

MAKE	TYPE	MODELS/SERIES
ACEBI	Partially enclosed lifeboat, twin fall	PELB-series
ACEBI	Totally enclosed lifeboat, twin fall, tanker version	TELB-series
BALDEN	Totally enclosed lifeboat, twin fall, dry version	BD-LBC-series
BALDEN	Totally enclosed lifeboat, twin fall, tanker version	BD-LB-series
BEIYANG BOATBULDING CO.LTD	Totally enclosed lifeboat, twin fall, dry version	20 TECB-series
BIANCHI & CHECCHI	Partially enclosed lifeboat, twin fall	PE-series
BROOKER (SURVIVAL SYSTEMS INTERNATIONAL)	Totally enclosed lifeboat, single fall	CA-series
DSB ENGINEERING CO LTD	Partially enclosed lifeboat, twin fall	DSBP-series
DSB ENGINEERING CO LTD	Totally enclosed lifeboat, twin fall, dry version	DSBC-series
DSB ENGINEERING CO LTD	Totally enclosed lifeboat, twin fall, tanker version	DSBF-series
FASSMER	Partially enclosed lifeboat, twin fall	CL-P-series, PLL-series, PLT-series, SEL-series
FASSMER	Totally enclosed lifeboat, twin fall, dry version	CL-series, CLR-C-series, CLX-series, GMR-series
FASSMER	Totally enclosed lifeboat, twin fall, tanker version	CL-series, CLR-T-series, CLX-series, DRAGON-series, T-GMR- series
FASSMER MARLAND	Totally enclosed lifeboat, twin fall, dry version	CLR-C-series, DRAGON C-series, HH-C-series
FASSMER MARLAND	Totally enclosed lifeboat, twin fall, tanker version	CLR-T-series, DRAGON F-series, HH-T-series
FUKAYA MANUFACTORY THE HAKODATE DOCK CO.,LTD	Open lifeboat, twin fall	HL 73-series
GEPA	Partially enclosed lifeboat, twin fall	G-FYK-series
GEPA	Totally enclosed lifeboat, twin fall, dry version	G-FK-series
GEPA	Totally enclosed lifeboat, twin fall, tanker version	GFK-FP-series
GREBEN	Partially enclosed lifeboat, twin fall	PEL-series
GREBEN	Totally enclosed lifeboat, twin fall, dry version	TEL-series
GREBEN	Totally enclosed lifeboat, twin fall, tanker version	TEL-FP-series
HARDING (UMO SCHAT HARDING)	Partially enclosed lifeboat, twin fall	CTL-series, ML-series, MPC-series
HARDING (UMO SCHAT HARDING)	Totally enclosed lifeboat, twin fall, dry version	MCF-series

MAKE	TYPE	MODELS/SERIES
HARDING (UMO SCHAT HARDING)	Totally enclosed lifeboat, twin fall, tanker version	MCB-series, MCM-series
HARDING (UMO SCHAT HARDING) (PALFINGER	Totally enclosed lifeboat, twin fall, tanker version	MC-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Totally enclosed lifeboat, twin fall, dry version	LBT-C-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	LBT-T-series
HARDING (WATERCRAFT)	Partially enclosed lifeboat, twin fall	MOB-series, MOBAC-series, PELB- series, PERB-series
HARDING (WATERCRAFT)	Totally enclosed lifeboat, twin fall, tanker version	MK 1-series, MK 2-series, MK 3- series, MK 4-series, MK 5-series
HARDING BOAT BUILDING (QINGDAO) CO., LTD.(UMO SCHAT HARDING)	Totally enclosed lifeboat, twin fall, dry version	TECB-series
HATECKE (ERNST HATECKE)	Partially enclosed lifeboat, twin fall	PEL-series, PL-series
HATECKE (ERNST HATECKE)	Totally enclosed lifeboat, twin fall, dry version	GSL-T-series
HATECKE (ERNST HATECKE)	Totally enclosed lifeboat, twin fall, tanker version	GSL-T-series
HLB (HYUNDAI LIFEBOATS)	Totally enclosed lifeboat, twin fall, dry version	HDL-series, HLB-series, HT78-series
HLB (HYUNDAI LIFEBOATS)	Totally enclosed lifeboat, twin fall, tanker version	HDL-series, HDL-CF-series, HLB- series
HOEI SENPAKU CO.,LTD	Totally enclosed lifeboat, twin fall, dry version	HS-series
HOEI SENPAKU CO.,LTD	Totally enclosed lifeboat, twin fall, tanker version	HS650F-series, HSF-series
IHI MARINE UNITED INC	Open lifeboat, twin fall	G-series
IHI MARINE UNITED INC	Totally enclosed lifeboat, twin fall, dry version	GTC-series, GTC-C-series
IHI MARINE UNITED INC	Totally enclosed lifeboat, twin fall, tanker version	GT-F-series, GTC-F-series, GTR- JYF-series
JAPAN MARINE UNITED CORP.	Totally enclosed lifeboat, twin fall, dry version	GF-series
JAPAN MARINE UNITED CORP.	Totally enclosed lifeboat, twin fall, tanker version	GTR-JYF-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Partially enclosed lifeboat, twin fall	JY-BF-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Totally enclosed lifeboat, twin fall, dry version	JY-QFN-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Totally enclosed lifeboat, twin fall, tanker version	GTR-JYF-series, JY-QFN-series, JY-QFP-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Partially enclosed lifeboat, twin fall	NPT-P-series, NPT-PT-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Totally enclosed lifeboat, twin fall, dry version	NPT-C-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Totally enclosed lifeboat, twin fall, tanker version	NPT-F-series, NPT SC-series

MAKE	TYPE	MODELS/SERIES
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Open lifeboat, twin fall	JYK-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Partially enclosed lifeboat, twin fall	JYP-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Totally enclosed lifeboat, twin fall, dry version	JYC-series, JYCA-series, JYCB-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Totally enclosed lifeboat, twin fall, tanker version	JYF-series, JYFA-series, JYFB-series
JIANGYINSHI BEIHAI	Open lifeboat, twin fall	JYB-K-series
JIANGYINSHI BEIHAI	Partially enclosed lifeboat, twin fall	JYB-B-series
JIANGYINSHI BEIHAI	Totally enclosed lifeboat, twin fall, dry version	JYB-C-series
JIANGYINSHI BEIHAI	Totally enclosed lifeboat, twin fall, tanker version	JYB-F-series
KANG NAM. CORPORATION	Totally enclosed lifeboat, twin fall, dry version	GTB-series
MULDER EN RIJKE	Partially enclosed lifeboat, twin fall	PELB-series, PTL-series
MULDER EN RIJKE	Totally enclosed lifeboat, single fall	TELB-S-series
MULDER EN RIJKE	Totally enclosed lifeboat, twin fall, tanker version	TELB-series
NED-DECK MARINE (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	NPT-series, PN85F-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Open lifeboat, twin fall	BJ-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Totally enclosed lifeboat, twin fall, dry version	YZC-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Totally enclosed lifeboat, twin fall, tanker version	YZF-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Totally enclosed lifeboat, twin fall, dry version	NM-series
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Open lifeboat, twin fall	NF-series, NFA-series
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Partially enclosed lifeboat, twin fall	PML-series
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Totally enclosed lifeboat, twin fall, dry version	CML-series, EML-series, G-TR-series
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Totally enclosed lifeboat, twin fall, tanker version	CML-series, EML-series, G-AFR- series, G-FR-series
NOREQ	Partially enclosed lifeboat, twin fall	LBP-series
NOREQ (PALFINGER)	Totally enclosed lifeboat, twin fall, tanker version	LBT-series
NORMAR (NORWEGIAN MARINE EQUIPMENT)	Totally enclosed lifeboat, twin fall, tanker version	TELB-series
OY FISKARS AB	Totally enclosed lifeboat, twin fall, dry version	TELB-series
OY FISKARS AB	Totally enclosed lifeboat, twin fall, tanker version	TELB-series
PALFINGER	Partially enclosed lifeboat, twin fall	CTL-series, MPC-series, NPT-T-series

MAKE	TYPE	MODELS/SERIES
PALFINGER	Totally enclosed lifeboat, twin fall, dry version	KISS-C-series, NPT-F-series
PALFINGER	Totally enclosed lifeboat, twin fall, tanker version	KISS-T-series, NPT-C-series
PESBO S.A	Totally enclosed lifeboat, twin fall, dry version	BSC-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Partially enclosed lifeboat, twin fall	BH10-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Totally enclosed lifeboat, twin fall, dry version	BH-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Totally enclosed lifeboat, twin fall, tanker version	BH-series
SHIGI SHIPBUILDING CO. LTD.	Open lifeboat, twin fall	SZGM-series, SZGO-series
SHIGI SHIPBUILDING CO. LTD.	Partially enclosed lifeboat, twin fall	SZP-series, SZPR-series
SHIGI SHIPBUILDING CO. LTD.	Totally enclosed lifeboat, twin fall, dry version	SZBR-series
SHIGI SHIPBUILDING CO. LTD.	Totally enclosed lifeboat, twin fall, tanker version	SZTR-series
STOCZNIA USTKA SP. Z O.O.	Totally enclosed lifeboat, twin fall, dry version	Z-series
SURVITEC (SCI)	Totally enclosed lifeboat, twin fall, dry version	SCFA-series
SURVITEC (SCI)	Totally enclosed lifeboat, twin fall, tanker version	SCFA-series
SURVIVAL SYSTEMS INT.	Totally enclosed lifeboat, single fall	CA-series
TSUNEISHI	Totally enclosed lifeboat, twin fall, dry version	TL-TE-series
TSUNEISHI (KAMBARA RINGYO)	Totally enclosed lifeboat, twin fall, dry version	KL-TE-series
TSUNEISHI (KAMBARA RINGYO)	Totally enclosed lifeboat, twin fall, tanker version	KL-FP-series
TSUNEISHI (SANYO WORKS)	Totally enclosed lifeboat, twin fall, dry version	TE-series
TSUNEISHI (SANYO WORKS)	Totally enclosed lifeboat, twin fall, tanker version	FP-series
VANGUARDE	Totally enclosed lifeboat, twin fall, dry version	VG-C-series
VANGUARDE	Totally enclosed lifeboat, twin fall, tanker version	VG-F-series, VG-HLB-series
VEB SCHIFFSWERFT RECHLIN/MURITZ	Totally enclosed lifeboat, twin fall, dry version	GAL-series
VIKING (NORSAFE)	Partially enclosed lifeboat, twin fall	MINIMA-series
VIKING (NORSAFE)	Totally enclosed lifeboat, twin fall, dry version	JYN-C-series, MAGGIE-C-series, MATILDA-C-series, MAUD-C-series, MAXIMA-C-series, MIRAM- C-series
VIKING (NORSAFE)	Totally enclosed lifeboat, twin fall, tanker version	JYN-MKI-series, JYN-T-series, MAGGIE-T-series, MATILDA-T-series, MAUD-T-series,

MAKE	TYPE	MODELS/SERIES
		MAXIMA- T-series, MIRAM-T-series
WATERCRAFT (WATERCRAFT HELLAS)	Totally enclosed lifeboat, twin fall, dry version	MK 5-series
WATERMAN OY	Partially enclosed lifeboat, twin fall	365-series, 367-series, 391-series, 393-series
WATERMAN OY	Totally enclosed lifeboat, twin fall, tanker version	351-series, 366-series, 366HRL-series, 368-series, 371-series, 371HR-series, 377-series, 379-series
WHITTAKER	Totally enclosed lifeboat, single fall	CA-series
WUXI HAIHONG BOAT MAKING CO., LTD	Open lifeboat, twin fall	BH-series, BJ-series
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed lifeboat, twin fall, dry version	HH-C-series, HH-CS-series
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed lifeboat, twin fall, tanker version	HH-T-series, HH-TS-series
WUXI WENJIAO	Open lifeboat, twin fall	BH-series, BJ-series, WJ-series
WUXI WENJIAO	Totally enclosed lifeboat, twin fall, dry version	WJBC-series
WUXI WENJIAO	Totally enclosed lifeboat, twin fall, tanker version	WJBF-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Totally enclosed lifeboat, twin fall, dry version	BCC-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Totally enclosed lifeboat, twin fall, tanker version	BCF-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, twin fall, dry version	YH-QFP-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, twin fall, tanker version	YH-DR-series

LIFEBOATS – FREEFALL

MAKE	TYPE	MODELS/SERIES
BALDEN	Totally enclosed lifeboat, freefall	BD-FFC-series, BD-FFT-series
CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, freefall	YHFP-series
DSB ENGINEERING CO LTD	Totally enclosed lifeboat, freefall	DSBFC-series, DSBFF-series
FASSMER	Totally enclosed lifeboat, freefall	CFL-series, GAR-series, GAR-T- series
FASSMER MARLAND	Totally enclosed lifeboat, freefall	CFL-C-series, CFL-T-series
GEPA	Totally enclosed lifeboat, freefall	G-FFF-series

MAKE	TYPE	MODELS/SERIES
GREBEN	Totally enclosed lifeboat, freefall	FFL-series
HARDING (UMO SCHAT HARDING)	Totally enclosed lifeboat, freefall	FF-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Totally enclosed lifeboat, freefall	HARDING-LBF-series
HARDING (WATERCRAFT)	Totally enclosed lifeboat, freefall	WFF-series
HATECKE (ERNST HATECKE)	Totally enclosed lifeboat, freefall	GFF-series
HLB (HYUNDAI LIFEBOATS)	Totally enclosed lifeboat, freefall	HDF25T-series, HDFL740F-series, HDFN-F-series, HDFN-T-series
JAPAN MARINE UNITED CORP.	Totally enclosed lifeboat, freefall	MU-FN-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Totally enclosed lifeboat, freefall	JY-FF-series, JYM-FF-series, JYM- FN-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Totally enclosed lifeboat, freefall	NPT-FA-series, NPT-FC-series, NPT-FCA-series, NPT-FF-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Totally enclosed lifeboat, freefall	JYCF-series, JYFF-series
JIANGYIN XINJIANG	Totally enclosed lifeboat, freefall	JY-FN-series
JIANGYINSHI BEIHAI	Totally enclosed lifeboat, freefall	JYB-FC-series, JYB-FF-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Totally enclosed lifeboat, freefall	YZFC-series, YZFF-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Totally enclosed lifeboat, freefall	NM58FF-series, NM59FC-series
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Totally enclosed lifeboat, freefall	FF-series
NOREQ (PALFINGER)	Totally enclosed lifeboat, freefall	LBF-series
NORMAR (NORWEGIAN MARINE EQUIPMENT)	Totally enclosed lifeboat, freefall	FREE FALL 4.9 TO 8.5T-series
PALFINGER	Totally enclosed lifeboat, freefall	FF-series, NPT-FC-series, NPT-FF-series
PESBO S.A	Totally enclosed lifeboat, freefall	BSL-series

MAKE	TYPE	MODELS/SERIES
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Totally enclosed lifeboat, freefall	BH-F-series
SHANGHAI JIANGNAN	Totally enclosed lifeboat, freefall	JN-FC-series
SHIGI SHIPBUILDING CO. LTD.	Totally enclosed lifeboat, freefall	FEL-series, GARS-series
STOCZNIA USTKA SP. Z O.O.	Totally enclosed lifeboat, freefall	FFB-series
SURVITEC (SCI)	Totally enclosed lifeboat, freefall	FF-series
VIKING (NORSAFE)	Totally enclosed lifeboat, freefall	JYN-F-series
VIKING (NORSAFE) (JIANGYIN)	Totally enclosed lifeboat, freefall	GES-series
WUXI HAIHONG BOAT MAKING CO., LTD	Totally enclosed lifeboat, freefall	HH-FC-series, HH-FF-series
WUXI WENJIAO	Totally enclosed lifeboat, freefall	WJFF-series, WJFFC-series, WUXI WENJIAO / WJFFC-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Totally enclosed lifeboat, freefall	BCFC-series, BCFF-series, FL-C- series, FL-F-series
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Totally enclosed lifeboat, freefall	BCFF-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	Totally enclosed lifeboat, freefall	ZJM-FF-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Totally enclosed lifeboat, freefall	YHFP-series

RESCUE BOATS / FAST RESCUE BOATS

MAKE	TYPE	MODELS/SERIES
AMBAR MARINE	Rescue Boat, single fall	AM420-series
AVON	Rescue Boat, single fall	RB-series, SR-series
CASTOLDI S.R.L.	Rescue Boat, single fall	JET TENDER 18 RB-series
DAFER (NARWHAL)	Fast Rescue Boat, single fall	FRB-series
DAFER (NARWHAL)	Rescue Boat, single fall	FRB 700-series, FRB 900-series, SV-series
DELTA	Rescue Boat, single fall	COMET-series, PHANTOM-series
DSB DEUTSCHE SCHLAUCHBOOTE	Rescue Boat, single fall	IRB-series
DSB ENGINEERING CO LTD	Fast Rescue Boat, single fall	DSBRA / RB-series
DSB ENGINEERING CO LTD	Rescue Boat, single fall	DSBR / RA / RB / RB-series, NPT- R-series

MAKE	TYPE	MODELS/SERIES
ESVAGT	Rescue Boat, single fall	ALU 460 F-series
FASSMER	Fast Rescue Boat, single fall	FRR-series
FASSMER	Rescue Boat, single fall	FRIR-series, RR-series
FASSMER MARLAND	Rescue Boat, single fall	RR-series
GEPA	Fast Rescue Boat, single fall	G-FRB-series
GEPA	Rescue Boat, single fall	G-RB1-series
GREBEN	Rescue Boat, single fall	RB-series
HARDING (UMO SCHAT HARDING)	Rescue Boat, single fall	MOB 4.5A-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Fast Rescue Boat, single fall	STINGER 630-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Rescue Boat, single fall	MOB 17-series
HATECKE (ERNST HATECKE)	Fast Rescue Boat, single fall	FRB 600-series
HATECKE (ERNST HATECKE)	Rescue Boat, single fall	RB-series
HLB (HYUNDAI LIFEBOATS)	Fast Rescue Boat, single fall	HDFR-series
HLB (HYUNDAI LIFEBOATS)	Rescue Boat, single fall	HDR-series
JAPAN MARINE UNITED CORP.	Rescue Boat, single fall	MU-GJ-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Fast Rescue Boat, single fall	GJ-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Rescue Boat, single fall	GJ-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Fast Rescue Boat, single fall	NPT-RA-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Rescue Boat, single fall	NPT-R-series, NPT-RA-series, NPT-RB-series, NPT-RFA-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Rescue Boat, single fall	JYDR-series, JYKR-series
JIANGYIN XINJIANG	Rescue Boat, single fall	GJ-series, GJ- B-series
JIANGYINSHI BEIHAI	Fast Rescue Boat, single fall	JYB-G-series, JYB-Q-series
JIANGYINSHI BEIHAI	Rescue Boat, single fall	JY-BR-series, JYB-KR-series, SC- K-series, SC-KR-series
MARE SAFETY AS	Fast Rescue Boat, single fall	GTC 700-series, MS FRB-series
MARE SAFETY AS	Rescue Boat, single fall	RB-series
MARITIME PARTNERS	Fast Rescue Boat, single fall	WEEDO 600-series, WEEDO 700-series
MARITME PARTNERS	Fast Rescue Boat, single fall	ALUSAFE 1200 DC-series, ALUSAFE 700-series, ALUSAFE 770-series, ALUSAFE 900-series, SEA BEAR 23-series
MARITME PARTNERS (HUKKELBERG BOATS)	Fast Rescue Boat, single fall	SPRINGER-series
MARTIME PARTNERS	Rescue Boat, single fall	WEEDO 17 SOLAS-series
NARWHAL	Rescue Boat, single fall	SV-series
NARWHAL (DAFER)	Fast Rescue Boat, single fall	SV-series

MAKE	TYPE	MODELS/SERIES
NED-DECK MARINE (PALFINGER)	Rescue Boat, single fall	NMD 4.40 RESCUE-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Fast Rescue Boat, single fall	YZRA-series, YZRB-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Rescue Boat, single fall	BJ-series, YZ-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Rescue Boat, single fall	NM43R-series, NM45R-series
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Fast Rescue Boat, single fall	FRP-series
NOREQ (PALFINGER)	Fast Rescue Boat, single fall	FRB-series
NOREQ (PALFINGER)	Rescue Boat, single fall	RRB-series
NORMAR (NORWEGIAN MARINE EQUIPMENT)	Fast Rescue Boat, single fall	FRC-series
NORMAR (NORWEGIAN MARINE EQUIPMENT)	Rescue Boat, single fall	NORMAR-RESCUE 425-series, RESCUE 425 / 500-series
PALFINGER	Fast Rescue Boat, single fall	FRSQ-series
PALFINGER	Rescue Boat, single fall	RSQ-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Fast Rescue Boat, single fall	BH-HR7-series, FRB-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Rescue Boat, single fall	BH-R-series
SHIGI SHIPBUILDING CO. LTD.	Fast Rescue Boat, single fall	FRP-series
SHIGI SHIPBUILDING CO. LTD.	Rescue Boat, single fall	SZRS-series, VOX46-series
STOCZNIA USTKA SP. Z O.O.	Fast Rescue Boat, single fall	FRB-series
STOCZNIA USTKA SP. Z O.O.	Rescue Boat, single fall	R-series, RIB-series
SURVITEC (SCI)	Fast Rescue Boat, single fall	SC60RA-series
SURVIVAL SYSTEMS INT	Fast Rescue Boat, single fall	FRB-series
VALIANT	Rescue Boat, single fall	RB-450-series
VANGUARDE	Fast Rescue Boat, single fall	VG-FRK-series, VG-FRW-series
VANGUARDE	Rescue Boat, single fall	VG-DRS-series, VG-KR-series
VIKING (NORSAFE)	Fast Rescue Boat, single fall	470 GRP-series, MAGNUM-series, MAKO-series, MERLIN-series
VIKING (NORSAFE)	Rescue Boat, single fall	MAKO-series, MERLIN-series, MIDGET-series
VIKING (NORSAFE) (JIANGYIN)	Rescue Boat, single fall	MATRIX-series
VIKING NEUVISA	Fast Rescue Boat, single fall	RR-40-series
WATERCRAFT (WATERCRAFT HELLAS)	Rescue Boat, single fall	4.9M-RB-series
WILLIAMS	Rescue Boat, single fall	505 SOLAS-series
WORKRIBS HOLLAND BV	Fast Rescue Boat, single fall	WRH 635 FRB-series
WUXI HAIHONG BOAT MAKING CO., LTD	Rescue Boat, single fall	GJ-series
WUXI WENJIAO	Fast Rescue Boat, single fall	WJ-RA-series, WJ-RB-series
WUXI WENJIAO	Rescue Boat, single fall	GJ-series
XTENDERS	Fast Rescue Boat, single fall	6.8M SOLAS TENDER-series

MAKE	TYPE	MODELS/SERIES
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Rescue Boat, single fall	GJ-series
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Rescue Boat, single fall	GJ-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	Rescue Boat, single fall	ZJM-4.0-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Fast Rescue Boat, single fall	YH-FRB-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Rescue Boat, single fall	YH-FRA-series, YH-R-series
ZODIAC (SURVITEC)	Fast Rescue Boat, single fall	RIB-series
ZODIAC (SURVITEC)	Rescue Boat, single fall	H472S-series, RIBO-series
ZODIAC HURRICANE	Rescue Boat, single fall	H561 PROLUXE-series
ZODIAC MILPRO INTERNATIONAL	Rescue Boat, single fall	RIBO-series

LAUNCHING APPLIANCES

MAKE	TYPE	MODELS/SERIES
A TECH	Single arm Slewing	AT-LRD-series
ABAS	Single arm Slewing	KDE-series, MDE-series
ACEBI	Free fall secondary hydraulic A Frame	TPF-series
ACEBI	Gravity single and twin fall outrigger	A-series, AF-series, PF-series
ACEBI	Single arm Slewing	PFR-series, RRP-series, TPU-series
ACEBI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	TPF-series, TPU-series
ACEBI	Twin / Single Fall Gravity Rollertrack	GRA-series
ACEBI	Twin Fall Gravity Pivoting / Luffing	SPG-series
ACEBI	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	TPC-series
ACOIN	Single arm Slewing	R18700-series
ACTA	Free fall secondary hydraulic A Frame	HSC-series
ACTA	Single arm Slewing	DC-series, DR-series, HSC-series, MOB-series
ALEXANDER RYAN	Gravity single and twin fall outrigger	BH-series
ARIM	Single arm Slewing	AREH-series, ARPV-series
ARIM	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ARPV-series
ARIM	Twin Fall Gravity Pivoting / Luffing	AHA-series
AUKRA MARITIME AS	Twin / Single Fall Gravity Rollertrack	HRT-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Free fall secondary hydraulic A Frame	BDF-series, HDFL-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Gravity freefall primary	BDF-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Gravity single and twin fall outrigger	BFOD-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single arm Slewing	BDR-series, BLR-series

MAKE	TYPE	MODELS/SERIES
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BDA-series, BDFA-series, BFRD- series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	BDTD-series, TT-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin / Single Fall Gravity Rollertrack	BDTW-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Fall Gravity Pivoting / Luffing	BDH-series, BDMS-series, HINGED GRAVITY-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BDTD-series
BADA HEAVY INDUSTRIES CO., LTD.	Free fall secondary hydraulic A Frame	HDF-series, HDL-series
BADA HEAVY INDUSTRIES CO., LTD.	Single arm Slewing	BHI-RLD-series
BADA HEAVY INDUSTRIES CO., LTD.	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BDHP-series
BIANCHI & CHECCHI	Gravity single and twin fall outrigger	PE-series, PET-series
BOPP TREUILS JEB	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BHD-series
COASTAL MARINE EQUIPMENT, INC.	Single arm Slewing	D-series
CRAMM YACHTING SYSTEMS B.V	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	CDT 7000-series
CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO., LTD	Single arm Slewing	SAFC-series
DAELIM TECHNOLOGY CO. LTD. (HYUNDAI)	Free fall secondary hydraulic A Frame	FF-740-series
DAVIT INTERNATIONAL	Free fall secondary hydraulic A Frame	D-FH-series
DAVIT INTERNATIONAL	Gravity freefall primary	D-TF-series
DAVIT INTERNATIONAL	Gravity single and twin fall outrigger	D-FO-series, D-FOS-series
DAVIT INTERNATIONAL	Single arm Slewing	D-AC.5-series, D-BR-series, D-CR.R-series, D-CRH.R-series, D- CRM-series, D-FOS-series, D-RC- series, D-RC.T-series, D-SR04- series, D.BC.R-series, D.CRE.R- series
DAVIT INTERNATIONAL	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	D-NPS.FR-series, D-NPS.MP-series, D-NPS.SP-series, D-TT.SP.- series
DAVIT INTERNATIONAL	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	D-FP.R-series, D-TTS.R-series, DTT-series
DAVIT INTERNATIONAL	Twin / Single Fall Gravity Rollertrack	D-RT-series
DAVIT INTERNATIONAL	Twin Fall Gravity Pivoting / Luffing	D-NP-series, D-NP.MP-series
DAVIT INTERNATIONAL	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	D-NP-series, D-SP-series
DENIZSAN	Free fall secondary hydraulic A Frame	DRM-FFD-series, DSFDD-series
DENIZSAN	Single arm Slewing	DRBD-series, DRBLRD-series, DSRBD-series
DENIZSAN	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSFRB-series, DSRB-series

MAKE	TYPE	MODELS/SERIES
DONGNAM ENTERPRISE.,CO LTD	Twin Fall Gravity Pivoting / Luffing	DLB-series
DONGNAM MARINE CRANE CO.,LTD.	Single arm Slewing	DCPV-series, DNRD-series, DRBLRD-series, DRLD-series, DSAC-series, DSAD-series
DONGNAM MARINE CRANE CO.,LTD.	Twin Fall Gravity Pivoting / Luffing	DHGD-series
DONGWOO MACHINERY & ENGINEERING CO., LTD.	Single arm Slewing	DBD-series
DONGWOO MACHINERY & ENGINEERING CO., LTD.	Twin Fall Gravity Pivoting / Luffing	DWS-series
DSB ENGINEERING CO LTD	Free fall secondary hydraulic A Frame	DRM-FFD-series, DSBDF-series
DSB ENGINEERING CO LTD	Single arm Slewing	DSBDR-series
DSB ENGINEERING CO LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSBARH-series, DSBDP-series, DSBDR-series
DSB ENGINEERING CO LTD	Twin Fall Gravity Pivoting / Luffing	DSBDL-series, DSBDTL-series
DSB ENGINEERING CO LTD	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	DSBDYL-series
EO LIFESAVING	Single arm Slewing	CH-52-series
FASSMER	Free fall secondary hydraulic A Frame	FFH-series
FASSMER	Gravity freefall primary	FLR-series
FASSMER	Single arm Slewing	FSARR-series
FASSMER	Twin Fall Gravity Pivoting / Luffing	FPD-series
FASSMER	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	FMPD-series
FASSMER MARLAND	Free fall secondary hydraulic A Frame	FFH-series
FASSMER MARLAND	Twin Fall Gravity Pivoting / Luffing	FPD-D-series
FERRI	Single arm Slewing	1872 TN-series
GILBERT & SCHMALRIEDE. GMBH & CO. KG	Single arm Slewing	PJ1385-series
GILBERT & SCHMALRIEDE. GMBH & CO. KG	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	PJ-1386-series
GLOBAL DAVIT	Gravity single and twin fall outrigger	GSP.O-series, RSP.O-series
GLOBAL DAVIT	Single arm Slewing	FHS-series, FHS.L-series, FHS.R- series, FHS.R.L-series, FHS.R.L.S-series, FHS.R.S-series, FHS.S-series, LMES.S-series, LML-series, LMS-series, LMS.S- series, RHL-series, RHP-series, RHS-series, RHS.L-series, RHS.L.S-series, RHS.S-series, RMES.L.S-series, RMES.S-series, RML-series, RMS-series, RMS.L-series, RMS.L.S-series, RMS.S- series
GLOBAL DAVIT	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RHP-series, RHP.HC-series
GLOBAL DAVIT	Twin / Single Fall Gravity Rollertrack	GLP.RT-series, GSP.RT-series, GSP.RT, GLP.RT-series

MAKE	TYPE	MODELS/SERIES
GLOBAL DAVIT	Twin Fall Gravity Pivoting / Luffing	GLP.FP-series, GLP.MP-series, GSP.FP-series, GSP.MP-series
GLOBAL DAVIT	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GLP.FLH-series, GLP.FPH-series, GSP.FLH-series, GSP.FPH-series, RHL-series, RHP-series
GREBEN	Free fall secondary hydraulic A Frame	HFF-series
GREBEN	Gravity single and twin fall outrigger	FOD-series
GREBEN	Single arm Slewing	PROMAC 12/4.2 EL-series, RLC-series, SAR-series
GREBEN	Twin / Single Fall Gravity Rollertrack	GR-RTD-series
GREBEN	Twin Fall Gravity Pivoting / Luffing	SPG-series
GREBEN	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GD-PD-series, HD-series
GURDESAN	Free fall secondary hydraulic A Frame	GD-FFD-series
GURDESAN	Single arm Slewing	GD-KHK-series, GD-RRS-series
HAEAN MACHINERY IND. CO. LTD.	Single arm Slewing	HED-PC-series, HHD-PC-series
HANYOUNG ENTERPRISE	Single arm Slewing	RESCUE BOAT DAVIT-series
HARDING (UMO SCHAT HARDING)	Free fall secondary hydraulic A Frame	FF-series
HARDING (UMO SCHAT HARDING)	Gravity freefall primary	LA-series
HARDING (UMO SCHAT HARDING)	Gravity single and twin fall outrigger	HD-FL-series, ORD-series
HARDING (UMO SCHAT HARDING)	Single arm Slewing	LAR-series, SAR-series, SRR-series
HARDING (UMO SCHAT HARDING)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	SA-series
HARDING (UMO SCHAT HARDING)	Twin / Single Fall Gravity Rollertrack	GRA-series, HD-RT-series
HARDING (UMO SCHAT HARDING)	Twin Fall Gravity Pivoting / Luffing	HD-SPG-series, HD-VIP-series, SPG(VL)-series
HARDING (UMO SCHAT HARDING)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SPD-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Gravity freefall primary	FFB-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Single arm Slewing	MOB-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	SPR-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Twin / Single Fall Gravity Rollertrack	FFB-series, NT-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Twin Fall Gravity Pivoting / Luffing	NDP-series, SPG(L)-series
HARDING (UMO SCHAT HARDING) (PALFINGER	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPDS-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Free fall secondary hydraulic A Frame	LA-series

MAKE	TYPE	MODELS/SERIES
HARDING (UMO SCHAT HARDING) (PALFINGER)	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	NTD-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin / Single Fall Gravity Rollertrack	ND-series
HARDING (WATERCRAFT)	Twin / Single Fall Gravity Rollertrack	WRG-series
HATECKE (ERNST HATECKE)	Free fall secondary hydraulic A Frame	FFA-series
HATECKE (ERNST HATECKE)	Gravity freefall primary	FFB-series
HATECKE (ERNST HATECKE)	Gravity single and twin fall outrigger	GSP.O-series
HATECKE (ERNST HATECKE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DFR 600-SII-series
HATECKE (ERNST HATECKE)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GSP.FP-series
HAVØYSUND PATENTSLIPP AS	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	POLARDAVIT-series
HOLEN AS	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	KOPAS A-1000-series
HYDRAMASKIN	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A-15-series
IHI MARINE UNITED INC	Twin Fall Gravity Pivoting / Luffing	MUL-series
IKNOW MACHINARY (TSUJI HEAVY INDUSTRIES)	Twin Fall Gravity Pivoting / Luffing	HD-series
IMT CO., LTD	Single arm Slewing	ILR-series
JAPAN MARINE UNITED CORP.	Free fall secondary hydraulic A Frame	MUFJ-series
JAPAN MARINE UNITED CORP.	Single arm Slewing	MUR21J-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Free fall secondary hydraulic A Frame	JYF-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Gravity single and twin fall outrigger	JYP-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Single arm Slewing	JYR-series, JYRCA-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JYA-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin / Single Fall Gravity Rollertrack	JYGR-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin Fall Gravity Pivoting / Luffing	JYL-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	JYHG-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO. LTD.	Twin Fall Gravity Pivoting / Luffing	NPT 60 DL-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Free fall secondary hydraulic A Frame	NPT-DF-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Gravity single and twin fall outrigger	NPT-DP-series, NPT-PL-series

MAKE	TYPE	MODELS/SERIES
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single arm Slewing	NPT-DR-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPT- BE-series, NPT-ARH-series, NPT-DR-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Twin Fall Gravity Pivoting / Luffing	NPT-DL-series, NPT-DP-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NPT-DYL-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Free fall secondary hydraulic A Frame	JY-FH-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Gravity single and twin fall outrigger	JYPL-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single arm Slewing	JYSA-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JY-LFR-series, JY-LRHE-series, JY-PLR-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin / Single Fall Gravity Rollertrack	JYHE-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin Fall Gravity Pivoting / Luffing	JYLE-series
JIANGYINSHI BEIHAI	Free fall secondary hydraulic A Frame	FA-series
JIANGYINSHI BEIHAI	Gravity single and twin fall outrigger	PD-series
JIANGYINSHI BEIHAI	Single arm Slewing	SA-series, SMR-series
JIANGYINSHI BEIHAI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	EHRD-series, FRH-series, SRH- series
JIANGYINSHI BEIHAI	Twin / Single Fall Gravity Rollertrack	HB-H-series, RB-H-series
JIANGYINSHI BEIHAI	Twin Fall Gravity Pivoting / Luffing	BH-G-series, LA-series, LB-H-series
JIANGYINSHI BEIHAI	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BHGH-series
JUNG-A-MARINE CO., LTD	Single arm Slewing	PCRLC-series
KGW SCHWERINER MASCHINENBAU GMBH	Single arm Slewing	RB-series
KYORITSU KIKAI	Free fall secondary hydraulic A Frame	LAF-MUF68-series
MACGREGOR (TTS) (HYDRAMARINE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	G-TYPE-series, HMD A32 MK3-series
MACGREGOR (TTS) (HYDRAMARINE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A-TYPE-series, HLD-series, HMC- series, HMD-series
MACGREGOR (TTS) HYDRAMARINE)	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	T-TYPE-series
MANSEI	Free fall secondary hydraulic A Frame	D-FH-series, FE-series, MFH-series
MANSEI	Single arm Slewing	R-series, RD-series, SAR-series, SR-series
MANSEI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HER-series
MANSEI	Twin / Single Fall Gravity Rollertrack	AT-series, GRA-series

MAKE	TYPE	MODELS/SERIES
MANSEI	Twin Fall Gravity Pivoting / Luffing	ABD-series, AH-series, AV-series, CM-series, EH-series, EM-series, M-series
MENAROM SA	Single arm Slewing	CMPS 21-series
MIURA MACHINE CO.,LTD (MIURA VIDER) (MANSEI)	Twin Fall Gravity Pivoting / Luffing	MVD-series, SPG(VD)-series
MJØSUND BÅT & HYDRAAULIK	Single arm Slewing	MOB-series
NANJING DONGSHENG MARINE EQUIPMENT CO., LTD	Single arm Slewing	AR14-series
NANJING DONGSHENG MARINE EQUIPMENT CO.,LTD	Single arm Slewing	ARL21-series
NAVIGATION'S	Single arm Slewing	1,1-series, 1.2 LL-series
NAVIM GROUP	Gravity single and twin fall outrigger	FDRB-series
NAVIM GROUP	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	SPDT-L-series, SPDT-R-series, SPDT-T-series
NAVIM GROUP	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SGHD- L-series, SPHD- T-series
NAVIM GROUP (TECNIMPIANTI S.P.A)	Single arm Slewing	NHRB-series
NED-DECK MARINE (PALFINGER)	Free fall secondary hydraulic A Frame	FFH-series
NED-DECK MARINE (PALFINGER)	Gravity single and twin fall outrigger	FPG-series
NED-DECK MARINE (PALFINGER)	Single arm Slewing	SCH-series, SCM-series, SCT-series, SEC-series
NED-DECK MARINE (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	PFH-series, PRH-series, PRHE- series
NED-DECK MARINE (PALFINGER)	Twin Fall Gravity Pivoting / Luffing	PL-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Free fall secondary hydraulic A Frame	YZF-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Single arm Slewing	YZ-series, ZFDZ-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Twin Fall Gravity Pivoting / Luffing	L-series
NINGBO KAIRONG SHIP MACHINERY CO LTD	Free fall secondary hydraulic A Frame	FH-series
NINGBO KAIRONG SHIP MACHINERY CO LTD	Single arm Slewing	KR-1-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Free fall secondary hydraulic A Frame	NMF55KN-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Gravity single and twin fall outrigger	NMPL-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Single arm Slewing	NMSD23KN-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NM-series, NMAR-series
NMF	Single arm Slewing	BPK-series, KD-series
NOR DAVIT	Gravity single and twin fall outrigger	PL-series
NOR DAVIT	Twin Fall Gravity Pivoting / Luffing	SDP-series
NOREQ (PALFINGER)	Gravity single and twin fall outrigger	NRD-series

MAKE	TYPE	MODELS/SERIES
NOREQ (PALFINGER)	Single arm Slewing	SCH-series, SCH-R-series, SCHD- series, SCM-L-series, SCM -R- series
NOREQ (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPD-series
NOREQ (PALFINGER)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NPD-series
NORSAFE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NDA-series
ORIENTAL PRECISION	Free fall secondary hydraulic A Frame	FD-series
ORIENTAL PRECISION	Single arm Slewing	RD-series, SHS-series
ORIENTAL PRECISION	Twin / Single Fall Gravity Rollertrack	RTD-series
ORIENTAL PRECISION	Twin Fall Gravity Pivoting / Luffing	DHA-series, DMA-series, HGD-series, HGK-series
ORIENTAL PRECISION - SEKIGAHARA	Twin Fall Gravity Pivoting / Luffing	SHS-series
PALFINGER	Free fall secondary hydraulic A Frame	NPT-DF-series
PALFINGER	Gravity freefall primary	FF-series
PALFINGER	Gravity single and twin fall outrigger	FPG-series
PALFINGER	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	PFHS-series, SCH-R-series, SCM- L-series, SCM -R-series
PALFINGER	Twin / Single Fall Gravity Rollertrack	NPT-series
PALFINGER	Twin Fall Gravity Pivoting / Luffing	NPT-series
PALFINGER	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NPD-series, PFH-series
PALFINGER (UMO SCHAT HARDING)	Twin Fall Gravity Pivoting / Luffing	VIP-series
PELLEGRINI MARINE EQUIPMENT	Single arm Slewing	CHCD 2,507+ RLC 2.1/4.5-series, RLC-series
PELLEGRINI MARINE EQUIPMENT	Twin Fall Gravity Pivoting / Luffing	GRA-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Free fall secondary hydraulic A Frame	BD-FF-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Gravity single and twin fall outrigger	BD-PL-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Single arm Slewing	BD- SA-series, BD-SH-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BD-AR-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Twin Fall Gravity Pivoting / Luffing	BD-PV-series
REDROCK	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RDA-series
REDROCK	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	RDT-series
SCAHT DAVIT COMPANY (PALFINGER)	Gravity single and twin fall outrigger	FFFDA-series
SCHAT DAVIT COMPANY (PALFINGER)	Single arm Slewing	SPR-series
SCHAT HARDING	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	FR.P.SP-series
SEC (SHIPS EQUIPMENT CENTRE)	Free fall secondary hydraulic A Frame	HP2-series

MAKE	TYPE	MODELS/SERIES
SEC (SHIPS EQUIPMENT CENTRE)	Single arm Slewing	HS-series, MS-series
SEC (SHIPS EQUIPMENT CENTRE)	Twin / Single Fall Gravity Rollertrack	SP3-series
SEKIGAHARA	Free fall secondary hydraulic A Frame	SF-series
SEKIGAHARA	Single arm Slewing	SJS-series
SEKIGAHARA	Twin / Single Fall Gravity Rollertrack	AT-series, STS-series
SEKIGAHARA	Twin Fall Gravity Pivoting / Luffing	SFA-series, SFB-series, SFP-series, SHS-series
SEKIGAHARA SEISKUSHO LTD	Twin / Single Fall Gravity Rollertrack	ST-series
SEKWANG MARINE MACHINERY CO, LTD	Single arm Slewing	RBD-series, SINGLE ARM SLEWING-series
SERVO SHIP S.L	Free fall secondary hydraulic A Frame	FFR-20-series
SERVO SHIP S.L	Single arm Slewing	PR4M1100HR-series
SEZAMOR	Single arm Slewing	ZZ-ZOL-series, ZZ-ZOT-series
SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION	Free fall secondary hydraulic A Frame	FH-series
SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION	Single arm Slewing	SAFC-series
SHEYANG VICTOR MARINE AUXILIARIES CO., LTD	Single arm Slewing	21 KN-series
SPP SHIPBUILDING CO LTD.	Twin Fall Gravity Pivoting / Luffing	SBD-5800-series
STOCZNIA USTKA SP. Z O.O.	Free fall secondary hydraulic A Frame	HZ-series
STOCZNIA USTKA SP. Z O.O.	Gravity freefall primary	PZ-series
SURVIVAL SYSTEMS INT	Gravity single and twin fall outrigger	PL-series
TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	Free fall secondary hydraulic A Frame	55KN-series
TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	Single arm Slewing	21KN BOAT/RAFT DAVIT-series
TECH FLOWER CO., LTD.	Single arm Slewing	H1PC-series
TECHNIMPIANTI S.P.A	Twin / Single Fall Gravity Rollertrack	FRB-series
TSUJI HEAVY INDUSTRIES	Single arm Slewing	RP-series
TSUJI HEAVY INDUSTRIES	Twin / Single Fall Gravity Rollertrack	T83-series, TC-series
TSUJI HEAVY INDUSTRIES	Twin Fall Gravity Pivoting / Luffing	H-series
TTS (HYDRALIFT)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HL-series
TTS (HYDRALIFT)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	HL9D-series
ULSTEIN FAMA (FAMA GNIEW)	Single arm Slewing	ZO-series, ZT-series
VANGUARDE	Gravity single and twin fall outrigger	PL-series
VANGUARDE	Single arm Slewing	HSD-series, MSD-series, VSD-series
VANGUARDE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DH-series, PR-series, PRH-series
VANGUARDE	Twin Fall Gravity Pivoting / Luffing	LE-series, VL-series
VANGUARDE	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	PFH-series, SRH-series
VERHOEF	Free fall secondary hydraulic A Frame	FL-series

MAKE	TYPE	MODELS/SERIES
VESTDAVIT	Free fall secondary hydraulic A Frame	PLA-series
VESTDAVIT	Single arm Slewing	L-series
VESTDAVIT	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	P-series, PAP-series, PAPH-series, PL-series, PLAR-series, PLD-series, PLI-series, PLP-series, PLR-series
VESTDAVIT	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	TBD-series
VIKING (NORSAFE)	Gravity freefall primary	SW-series
VIKING (NORSAFE)	Gravity single and twin fall outrigger	A-series, C-series, D-series, NDC- series
VIKING (NORSAFE)	Single arm Slewing	CH-52-series, NRC-series, NRC-R- series
VIKING (NORSAFE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NDA-series, NRB-series
VIKING (NORSAFE)	Twin Fall Gravity Pivoting / Luffing	E-series
VIKING (NORSAFE)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	LH-series
VIKING (NORSAFE) (JIANGYIN)	Single arm Slewing	NDSC-series, NDSC-R-series
VIKING (NORSAFE) (JIANGYIN)	Free fall secondary hydraulic A Frame	HD-series
WELIN LAMBIE	Single arm Slewing	LRW-series, SARBE-series
WELIN LAMBIE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	PIV.1.0A-series
WUXI DONGWU	Free fall secondary hydraulic A Frame	F55-F70-series, NPT100F-series
WUXI DONGWU	Single arm Slewing	21 - 35KN-series, DCW210-series
WUXI DONGWU	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A30/H35-series
WUXI DONGWU	Twin / Single Fall Gravity Rollertrack	25KN -30KN-series
WUXI DONGWU	Twin Fall Gravity Pivoting / Luffing	18KN-110KN-series
WUXI HAIDELONG MARINE EQUIPMENT CO., LTD.	Free fall secondary hydraulic A Frame	HDFL-series
WUXI HAIDELONG MARINE EQUIPMENT CO., LTD.	Single arm Slewing	SA-series
WUXI HAIHONG BOAT MAKING CO., LTD	Single arm Slewing	23KN-series
WUXI HUAHAI	Gravity single and twin fall outrigger	PD-series
WUXI HUAHAI	Single arm Slewing	HMD 21_32_M-series
WUXI HUAHAI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HMDA-series
WUXI HUAHAI	Twin Fall Gravity Pivoting / Luffing	HMD60-85-110-series
WUXI JIANGNAN MARINE EQUIPMENT CO., LTD	Single arm Slewing	ZFQ-series
WUXI SHENGOU	Free fall secondary hydraulic A Frame	SMDF-series
WUXI SHENGOU	Single arm Slewing	SMC-series, SMD-series
WUXI SHENGOU	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HMDA-series

MAKE	TYPE	MODELS/SERIES
WUXI SHENGOU	Twin / Single Fall Gravity Rollertrack	SMD-series
WUXI SHENGOU	Twin Fall Gravity Pivoting / Luffing	SHMDL-series
YILMAZ DENIZCILIK	Single arm Slewing	YDGS-series
YOUNGNAM MACHINERY CO.LTD	Twin Fall Gravity Pivoting / Luffing	YNBD-series
Z MARINE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ZM ZRB 2500-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Single arm Slewing	SA23-1-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Twin Fall Gravity Pivoting / Luffing	LB-series
ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD	Twin Fall Gravity Pivoting / Luffing	YSJ-series
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Free fall secondary hydraulic A Frame	FH-series
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Single arm Slewing	SA23-1-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single arm Slewing	SAF-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SRH-series
ZHENJIANG DH MARINE EQUIPMENT CO,. LTD	Single arm Slewing	MSD-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	Free fall secondary hydraulic A Frame	FH-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	Twin Fall Gravity Pivoting / Luffing	L-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Free fall secondary hydraulic A Frame	FH-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Gravity single and twin fall outrigger	PL-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single arm Slewing	HDCL-series, SAFC-series, SAW30-series, ZF-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Fall Gravity Pivoting / Luffing	LE-series
ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	Single arm Slewing	WME-SAD-series
ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	WME-LRH35-series

WINCHES

MAKE	TYPE	MODELS/SERIES
A TECH	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	AT10-LRD-series
ACEBI	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	TBE-series

MAKE	TYPE	MODELS/SERIES
ACEBI	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	TR-series
ACEBI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	TBE-series
ACOIN	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	BE-2-series
ACTA	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	KNT-series
ALEXANDER WELIN	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	AIW-series
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-series, BLW-series, BRW-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Single Drum, hydraulic-lowering/hydraulic hoisting	HDF-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	BA-series, BM-series, ELEC. MOTOR DRIVEN-series
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 centrifugal w pads	BDTW-series, BMW-series, BW- series, BWR-series
BADA HEAVY INDUSTRIES CO., LTD.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	BHI-EHW-series, BLW-series
BOPP TREUILS JEB	Single Drum, hydraulic-lowering/hydraulic hoisting	BHP 4200-series
BREVINI	Single Drum, hydraulic-lowering/hydraulic hoisting	BWC-series, BWF 025-series, PWD-series, W381-series
BRYNE MEKANIKK AS	Single Drum, hydraulic-lowering/hydraulic hoisting	H02D1D-series
CRAMM YACHTING SYSTEMS B.V	Single Drum, hydraulic-lowering/hydraulic hoisting	BWF1500-series
CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	SAF-series
DAVIT COMPANY (PALFINGER)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	16 EV-series

MAKE	TYPE	MODELS/SERIES
DAVIT COMPANY (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	24EPB-series
DAVIT INTERNATIONAL	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	01KN-series, 02KN-series, 03 KN- series, 04KN-series, 07KN-series
DAVIT INTERNATIONAL	Single Drum, hydraulic-lowering/hydraulic hoisting	06KN-series
DAVIT INTERNATIONAL	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	12-series, 40-series
DENIZSAN	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	MTV1-series
DINAMIC OIL	Single Drum, hydraulic-lowering/hydraulic hoisting	DRM-FHW / RW-series
DONGNAM ENTERPRISE.,CO LTD	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	HLW-series
DONGNAM MARINE CRANE CO.,LTD.	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	DSAD-series
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-series, DRBLRW-series
DONGWOO MACHINERY & ENGINEERING CO., LTD.	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	DBD-series
DONGWOO MACHINERY & ENGINEERING CO., LTD.	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	LW-series
DSB ENGINEERING CO LTD	Single Drum, hydraulic-lowering/hydraulic hoisting	DRM-HW-series
EO LIFESAVING	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	W-series
FASSMER	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DEW-series
FASSMER	Single Drum, hydraulic-lowering/hydraulic hoisting	FFWH-series
FASSMER	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake hydraulic pump	FDW-series

MAKE	TYPE	MODELS/SERIES
FASSMER	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	FDW-series
FASSMER MARLAND	Single Drum, hydraulic-lowering/hydraulic hoisting	FFWH-series
FASSMER MARLAND	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	D-series
FERRI	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	1702 TN-series
GLOBAL DAVIT	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	W01KN-series, W02KN-series, W03KN-series, W04KN-series, W08KN-series
GLOBAL DAVIT	Single Drum, hydraulic-lowering/hydraulic hoisting	02H.06.01-series, W05HC-series, WO8HC-series, WS-series
GLOBAL DAVIT	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	04KN-series, 14KN-series, 20KN- series, 26KN-series, W07KN- series, W10KN-series
GREBEN	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	EW-2-series, PROMAC 12/4.2 EL-series
GREBEN	Single Drum, hydraulic-lowering/hydraulic hoisting	HW-series
GREBEN	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	CW-series, EW-series
GURDESAN	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	GD-FLW-series
GURDESAN	Single Drum, hydraulic-lowering/hydraulic hoisting	GD-HC-A-series, GD-KV 35-series
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	HMI-series
HAEAN MACHINERY IND. CO. LTD.	Single Drum, hydraulic-lowering/hydraulic hoisting	HHD-PC-series
HARDING (UMO SCHAT HARDING)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	HD-series, MW-series
HARDING (UMO SCHAT HARDING)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	CW-series

MAKE	TYPE	MODELS/SERIES
HARDING (UMO SCHAT HARDING) (DAVIT COMPANY) (SCHAT DAVIT COMPANY) (PALFINGER)	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	16EB / EBR-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	BE 7.5-series
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	08-02-series, FM 194-series, FME-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Single Drum, hydraulic-lowering/hydraulic hoisting	EW-02-PL-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	2-22-13-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) (WATERCRAFT)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	BE-series
HARDING (UMO SCHAT HARDING) (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	W-series
HARDING (WATERCRAFT)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	MW-series, NW-series
HATECKE (ERNST HATECKE)	Single Drum, hydraulic-lowering/hydraulic hoisting	07.02.08-series, FFA-series
HYDRALIFT	Single Drum, hydraulic-lowering/hydraulic hoisting	SP-series
HYDRAMARINE	Single Drum, hydraulic-lowering/hydraulic hoisting	23B35T22-series
IHI MARINE UNITED INC	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	MUW-series
IKNOW MACHINARY (TSUJI HEAVY INDUSTRIES)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	EB-series
IMT CO., LTD	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	ILR-W-series
INI HYDRAULIC	Single Drum, hydraulic-lowering/hydraulic hoisting	IYJ2.53-39—57-16-ZPN-series
JAPAN MARINE UNITED CORP.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	JYR-21-series

MAKE	TYPE	MODELS/SERIES
JAPAN MARINE UNITED CORP.	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	MU-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO. LTD	Single Drum, hydraulic-lowering/hydraulic hoisting	FW45-series
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	JYA30-series, JYRZ-series
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 centrifugal w pads	JYW-series, JYWP-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	NPT-DW-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Single Drum, hydraulic-lowering/hydraulic hoisting	NPT-DW-B-series, NPT-HW-series
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 centrifugal w pads	NPT-DS-series, NPT-DW-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	JY-D 23Z-series
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 centrifugal w pads	JYD-series
JIANGYINSHI BEIHAI	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DZ-series
JIANGYINSHI BEIHAI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	DS-series, DW-series, JYBW-series
JIANGYINSHI BEIHAI LSA CO., LTD.	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	DZ-series
JUNG-A-MARINE CO., LTD	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	PCRLC-series

MAKE	TYPE	MODELS/SERIES
MACGREGOR (TTS) (HYDRAMARINE)	Single Drum, hydraulic-lowering/hydraulic hoisting	HMW-series
MANSEI	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ERW-series, MLW-series, RMW- series, SW-series
MANSEI	Single Drum, hydraulic-lowering/hydraulic hoisting	06KN-series, FW-series
MANSEI	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	AW-series, CMW-series, EW-series, MW-series
MANSEI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	ABW-series, FBW-series, MW-series
MENAROM SA	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	CMPS 21-series
MIURA MACHINE CO.,LTD (MIURA VIDER) (MANSEI)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	LBH-series, RBH-series
MJØSUND BÅT & HYDRAAULIK	Single Drum, hydraulic-lowering/hydraulic hoisting	MV-series
NANJING DONGSHENG MARINE EQUIPMENT CO., LTD	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	DB14-series
NANJING DONGSHENG MARINE EQUIPMENT CO.,LTD	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ARL21-series
NAVIGATION'S	Single Drum, hydraulic-lowering/hydraulic hoisting	HWRB 1.2-series
NAVIM GROUP (TECNIMPIANTI S.P.A)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	RBEW-series
NED-DECK MARINE (PALFINGER)	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	04-series
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-series
NED-DECK MARINE (PALFINGER)	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	15-series
NOR DAVIT	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	SP-series
NOREQ (PALFINGER)	Single Drum, hydraulic-lowering/hydraulic hoisting	NW-series

MAKE	TYPE	MODELS/SERIES
ORIENTAL PRECISION	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	RDW-series
ORIENTAL PRECISION	Single Drum, hydraulic-lowering/hydraulic hoisting	WL-series
ORIENTAL PRECISION	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	BWE-series, SWE-series
PALFINGER	Single Drum, hydraulic-lowering/hydraulic hoisting	NW 1800H-series
PALFINGER	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	CW-series, W-series
PELLEGRINI MARINE EQUIPMENT	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	RLC-series
PELLEGRINI MARINE EQUIPMENT	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	VAS 45 E-series
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-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	BW-HL-series, BW-HR-series, BW- LL-series
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-series
SEKIGAHARA	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	SNW-series, SWE-series
SEKWANG MARINE MACHINERY CO, LTD	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	RBW-series
SERVO SHIP S.L	Single Drum, hydraulic-lowering/hydraulic hoisting	FFRW 4500KG-series
SHEYANG VICTOR MARINE AUXILIARIES CO., LTD	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	14 KN-series
SPP SHIPBUILDING CO LTD.	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	W-5800A-series

MAKE	TYPE	MODELS/SERIES
SURVIVAL SYSTEMS INT.	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	W-series
TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	21KN-series
TECHNIMPIANTI S.P.A	Single Drum, hydraulic-lowering/hydraulic hoisting	HW-series
TMA	Single Drum, hydraulic-lowering/hydraulic hoisting	TN/MW-series
TSUJI HEAVY INDUSTRIES	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	TC-series
TSUJI HEAVY INDUSTRIES	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	EB-series
ULSTEIN FAMA (FAMA GNIEW)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ER10B-series, ERM-series
ULSTEIN FAMA (FAMA GNIEW)	Single Drum, hydraulic-lowering/hydraulic hoisting	WLZ43C-11-series
VERHOEF	Single Drum, hydraulic-lowering/hydraulic hoisting	FL 50-series
VESTVINSJ	Single Drum, hydraulic-lowering/hydraulic hoisting	A-273-7-series, BW-series
VIKING (NORSAFE)	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	W-series
VIKING (NORSAFE)	Single Drum, hydraulic-lowering/hydraulic hoisting	NW-series
VIKING (NORSAFE) (JIANGYIN)	Single Drum, hydraulic-lowering/hydraulic hoisting	HYD-FF-series
VIKING (NORSAFE) (JIANGYIN)	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	NW-series
VIKING (NORSAFE) (JIANGYIN)	Single Drum, hydraulic-lowering/hydraulic hoisting	HYD-FF-series
WELIN LAMBIE	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	5619-series, 9502-series, PIV.1.0A-series, RBW-series
WELIN LAMBIE	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	53-series, 55-series, 97-series

MAKE	TYPE	MODELS/SERIES
WUXI DONGWU	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	DS/Z-series, DZ-series
WUXI HAIDELONG MARINE EQUIPMENT CO., LTD.	Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	SA23-series
WUXI HUAHAI	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	HMW-series
WUXI HUAHUAI MARINE EQUIPMENT LIMITED CO. LTD	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	MW-series
YILMAZ DENIZCILIK	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	YDGS 10-series
YOUNGNAM MACHINERY CO.LTD	Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	YNBW-series
ZHEJIANG HENGXIN SHIP EQUIPMENT CO.,LTD	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	D-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DZ-series
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Single Drum, hydraulic-lowering/hydraulic hoisting	IYJ4-50-120-20-ZP-series
ZHENJIANG DH MARINE EQUIPMENT CO,. LTD	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DW-series
ZHENJIANG DH MARINE EQUIPMENT CO,. LTD	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	DW-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	D-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single Drum, hydraulic-lowering/hydraulic hoisting	SAW30-series

MAKE	TYPE	MODELS/SERIES
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	D-series, DP-series
ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	WME-SAD 14-series
ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	Single Drum, hydraulic-lowering/hydraulic hoisting	WME-LRH35-series
ZOLLERN	Single Drum, hydraulic-lowering/hydraulic hoisting	A2FM45-61A-series, ZHP-series, ZR-series

RELEASE GEAR

MAKE	TYPE	MODELS/SERIES
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Devices For Activating Release: Central Release Unit	BD-LH-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Devices for activating release: Free Fall Hydraulic Primary and Secondary	BHA-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Freefall Hydraulic / mechanical	BHA-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	BHA-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	Rescue boat offload w. Onload capability	BHR25S-series
BALDEN	Lifeboat on load lift not over centre, Curve to flat rotating cams	BD-LBH-series
BALDEN	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	BDHR-series
BC SERVICE	Devices For Activating Release: Central Release Unit	U HOOK-series
BC SERVICE	Devices For Activating Release: Hydrostatic Unit with Diaphragm	U HOOK-series
BC SERVICE	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	U HOOK-series
BC SERVICE	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	U-ARH 3.5T-series
BC SERVICE	Rescue boat offload lift over center	U HOOK-series
CHANG SHENG	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	35KN-series

MAKE	TYPE	MODELS/SERIES
CRANSTON EAGLE	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	APR-356- CB/CBH-series
DAE JIN CO. LTD	Devices for activating release: Free Fall Hydraulic Primary and Secondary	THP-1B-series
DAE JIN CO. LTD	Freefall Hydraulic / mechanical	THP-1B-series
DAVIT INTERNATIONAL	Rescue boat offload lift over center	OLH-series
DAVIT INTERNATIONAL	Rescue boat offload w. Onload capability	RH-series
FASSMER	Devices For Activating Release: Central Release Unit	DUPLEX < 6.6T-series, DUPLEX > 6T-series
FASSMER	Devices for activating release: Free Fall Hydraulic Primary and Secondary	FFH-series
FASSMER	Devices For Activating Release: Hydrostatic Unit with Float	DUPLEX < 6.6T-series, DUPLEX > 6T-series
FASSMER	Freefall Hydraulic / mechanical	F-series
FASSMER	Lifeboat on load lift not over centre, Curve to flat rotating cams	DUPLEX>6T-series
FASSMER	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	DUPLEX<6.6T-series
FERRI	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	1488-series
GEPA	Devices for activating release: Free Fall Hydraulic Primary and Secondary	G-FFRM-01-series
GEPA	Freefall Hydraulic / mechanical	G-FFRM-01-series
GEPA	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	G-K-series
GLOBAL DAVIT	Lifeboat on load lift not over centre	HRL-series
GLOBAL DAVIT	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	HRL.26-series
GLOBAL DAVIT	Rescue boat offload lift over center	HRN-series
GLOBAL DAVIT	Rescue boat offload w. Onload capability	HR-series
GREBEN	Devices For Activating Release: Central Release Unit	NLH-series
GREBEN	Devices For Activating Release: Electronic Sensor	NLH-series
GREBEN	Lifeboat on load lift not over centre, up and down pins / collars	NLH-series
HARDING (UMO SCHAT HARDING)	Devices for activating release: Free Fall Hydraulic Primary and Secondary	FFH-series
HARDING (UMO SCHAT HARDING)	Freefall Hydraulic / mechanical	FFH-series
HARDING (UMO SCHAT HARDING)	Rescue boat offload w. Onload capability	RRH-series
HARDING (UMO SCHAT HARDING) (FAST RSQ)	Fast rescue boat offload / Manual or automatic	CAR-35F-series

MAKE	TYPE	MODELS/SERIES	
HARDING (UMO SCHAT HARDING) (PALFINGER)	Devices For Activating Release: Central Release Unit	KH6.5M2-series	
HARDING (UMO SCHAT HARDING) (PALFINGER)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	KH6.5M2-series	
HARDING (UMO SCHAT HARDING) (PALFINGER)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	KH6.5M2-series	
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	LH3.5M2-series	
HARDING (UMO SCHAT HARDING) (PALFINGER	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	ARH-series	
HARDING (UMO SCHAT HARDING) (PALFINGER)	Devices For Activating Release: Central Release Unit	LHR-series, LHR M2-series	
HARDING (UMO SCHAT HARDING) (PALFINGER)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	LHR-series, LHR M2-series	
HARDING (UMO SCHAT HARDING) (PALFINGER)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	LHR-series, LHR M2-series	
HATECKE	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SIMPLEX 2.0I OFF LOAD-series	
HATECKE (ERNST HATECKE)	Devices For Activating Release: Central Release Unit	DUPLEX < 6T-series, DUPLEX > 6T-series	
HATECKE (ERNST HATECKE)	Devices for activating release: Free Fall Hydraulic Primary and Secondary	GFF-series	
HATECKE (ERNST HATECKE)	Devices For Activating Release: Hydrostatic Unit with Float	DUPLEX < 6T-series, DUPLEX > 6T-series	
HATECKE (ERNST HATECKE)	Fast Rescue Boat Offload with On-Load Capability	SIMPLEX 1,85-series	
HATECKE (ERNST HATECKE)	Freefall Hydraulic / mechanical	GFF-series	
HATECKE (ERNST HATECKE)	Lifeboat on load lift not over centre, Curve to flat rotating cams	DUPLEX>6T-series	
HATECKE (ERNST HATECKE)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	DUPLEX<6.6 T-series	
HATECKE (ERNST HATECKE)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	RAFTI 2.5-series	
HATECKE (ERNST HATECKE)	Rescue boat offload w. Onload capability	SIMPLEX-series	
HENRIKSEN	Fast rescue boat offload / Manual or automatic	HCH-series, HMK-series	
HLB (HYUNDAI LIFEBOATS)	Devices For Activating Release: Central Release Unit	TALON II-series, TALON MK 1-series	
HLB (HYUNDAI LIFEBOATS)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	TALON II-series, TALON MK 1-series	
HLB (HYUNDAI LIFEBOATS)	Freefall Hydraulic / mechanical	TALON 4.6T-series	
HLB (HYUNDAI LIFEBOATS)	Lifeboat on load lift not over centre, flat to flat rotating cams	TALON MK 1-series	

MAKE	TYPE	MODELS/SERIES	
HLB (HYUNDAI LIFEBOATS)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	TALON II-series	
HOEI SENPAKU CO.,LTD	Devices For Activating Release: Central Release Unit	HS-series, HS520 96-series, HS650 96-series	
HOEI SENPAKU CO.,LTD	Devices For Activating Release: Hydrostatic Unit with Diaphragm	HS-series, HS 520 96-series, HS650 96-series	
HOEI SENPAKU CO.,LTD	Lifeboat on load lift not over centre, Curve to flat rotating cams	HS520 96-series, HS650 96-series	
HOEI SENPAKU CO.,LTD	Lifeboat on load lift not over centre, flat to flat rotating cams	HS-series	
HOEI SENPAKU CO.,LTD	Lifeboat on load lift not over centre, up and down pins / collars	HS520 83-series, HS650 83-series	
HYUNDAI LIFEBOAT CO., LTD	Devices for activating release: Free Fall Hydraulic Primary and Secondary	TALON 4.6T-series	
IHI MARINE UNITED INC	Devices For Activating Release: Central Release Unit	JX-1-series	
IHI MARINE UNITED INC	Devices For Activating Release: Hydrostatic Unit with Diaphragm	JX-1-series	
IHI MARINE UNITED INC	Lifeboat on load lift not over centre, up and down pins / collars	JX-1-series	
JAPAN MARINE UNITED CORP.	Fast Rescue Boat Offload with On-Load Capability	JX-3-series	
JAPAN MARINE UNITED CORP.	Freefall Hydraulic / mechanical	JX-2-series	
JIANGSU JIAOYAN MARINE EQUIPMENT CO. LTD	Fast rescue boat offload / Manual or automatic	JXN-7-series	
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Devices For Activating Release: Central Release Unit	JX-1-series, JX-1B-series, JX-4- series, JXN-1B-series, JXN-1C- series	
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-series	
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series	
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Fast Rescue Boat Offload with On-Load Capability	JXN-3-series	
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	Freefall Hydraulic / mechanical	JX-2-series, JX-4-series	
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-series, JX-1B-series, JXN- series, JXN-1B-series, JXN-1C- series	
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD.	Lifeboat on load lift not over centre, up and down pins / collars	JX-1-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Devices For Activating Release: Central Release Unit	NPT-50-series, NPT-HAN-series	

MAKE	TYPE	MODELS/SERIES	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Devices For Activating Release: Hydrostatic Unit with Float	NPT-50-series, NPT-HAN-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Fast Rescue boat offload	NPT-30 HK-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Freefall Hydraulic / mechanical	NPT70HKF-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Lifeboat on load lift not over centre, Curve to flat rotating cams	NPT-HK-series, NPT 50-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	NPT-HKC-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	NPT-HK25F-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	Rescue boat offload w. Onload capability	NPT-HK25R-series	
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. (PALFINGER)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	PN-HKC-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Devices For Activating Release: Central Release Unit	HK-series, JX-1-series, LB80MR- series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Devices For Activating Release: Hydrostatic Unit with Diaphragm	JX-1-series, LB80MR-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Fast Rescue Boat Offload with On-Load Capability	HK-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Freefall Hydraulic / mechanical	FHK-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	LB80MR-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Lifeboat on load lift not over centre, up and down pins / collars	JX-1-series	
JIANGYINSHI BEIHAI	Devices For Activating Release: Central Release Unit	JYB-HK-series	
JIANGYINSHI BEIHAI	Devices For Activating Release: Hydrostatic Unit with Diaphragm	JYB-HK-series	
JIANGYINSHI BEIHAI	Fast Rescue Boat Offload with On-Load Capability	JYB-HK-series	
JIANGYINSHI BEIHAI	Freefall Hydraulic / mechanical	JYB-HKF-series	
JIANGYINSHI BEIHAI	Lifeboat on load lift not over centre, Curve to flat rotating cams	JYB-HK-series	
KCL (KOLBERG CASPERY LAUTOM A/S)	Lifeboat on load lift over centre	NOA LRRS-series	
LALIZAS	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	LAR 36-series	
LSA SERVICE GMBH	Rescue boat offload lift over center	LSA-H2,1-series	
MADROCK	Devices For Activating Release: Central Release Unit	ROCLOC-series	
MADROCK	Devices For Activating Release: Hydrostatic Unit with Float	ROCLOC-series	

MAKE	TYPE	MODELS/SERIES	
MADROCK	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	ROCLOC-series	
MANSEI	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	RH-series, RH3-series	
NED-DECK MARINE (PALFINGER)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	CAR 35-series	
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Devices For Activating Release: Central Release Unit	HK-series	
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK-series	
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Freefall Hydraulic / mechanical	JX-2-series	
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Devices For Activating Release: Central Release Unit	IHM 12-series, IHM 13-series, NS- series	
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Devices for activating release: Free Fall Hydraulic Primary and Secondary	F-series, ML-series	
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Devices For Activating Release: Hydrostatic Unit with Float	IHM 12-series, IHM 13-series, NS- series	
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Freefall Hydraulic / mechanical	F-series, ML-series	
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Lifeboat on load lift not over centre, Curve to flat rotating cams	NS-series, SR-series	
NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	Lifeboat on load lift not over centre, flat to flat rotating cams	IHM 12-series, IHM 13-series	
NOREQ (PALFINGER)	Fast Rescue Boat Offload with On-Load Capability	JXN-3-series	
NORMAR (NORWEGIAN MARINE EQUIPMENT)	Devices For Activating Release: Central Release Unit	JX-4-series	
NORMAR (NORWEGIAN MARINE EQUIPMENT)	Freefall Hydraulic / mechanical	JX-2-series, JX-4-series	
NORSAFE	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	TOR MK 2-S/6 TON-series	
OPTIMUM MARINE	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	31-37KN-series	
PALFINGER	Devices for activating release: Free Fall Hydraulic Primary and Secondary	FFH-series, NPT-series	
PALFINGER	Fast rescue boat offload / Manual or automatic	CAR-35F-series	
PALFINGER	Freefall Hydraulic / mechanical	FFH-series	
PALFINGER	Rescue boat offload w. Onload capability	RRH-series	
PESBO S.A	Freefall Hydraulic / mechanical	BSL-series	
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Devices For Activating Release: Central Release Unit	BG-series	

MAKE	TYPE	MODELS/SERIES	
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Devices For Activating Release: Hydrostatic Unit with Diaphragm	BG-series	
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Freefall Hydraulic / mechanical	BG-F-series	
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Lifeboat on load lift not over centre, flat to flat rotating cams	BG-series	
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	Rescue boat offload w. Onload capability	BG-2R-series	
SERVO SHIP S.L	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	200-series	
SEZAMOR	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	HS-series	
SEZAMOR	Rescue boat offload lift over center	HLR-series	
SHIGI SHIPBUILDING CO. LTD.	Devices For Activating Release: Central Release Unit	SRS-series, SZK-30-series, SZK-5- series	
SHIGI SHIPBUILDING CO. LTD.	Devices for activating release: Free Fall Hydraulic Primary and Secondary	WP39-series	
SHIGI SHIPBUILDING CO. LTD.	Devices For Activating Release: Hydrostatic Unit with Float	SRS-series, SZK-30-series, SZK-5- series	
SHIGI SHIPBUILDING CO. LTD.	Freefall Hydraulic / mechanical	WP39-series	
SHIGI SHIPBUILDING CO. LTD.	Lifeboat on load lift not over centre, Curve to flat rotating cams	SRS-series	
SHIGI SHIPBUILDING CO. LTD.	Lifeboat on load lift not over centre, up and down pins / collars	SZK-series, SZK-25M-series, SZK-30-series, SZK5-series	
SURVITEC (SCI)	Devices For Activating Release: Central Release Unit	SAFELAUNCH-series	
SURVITEC (SCI)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	SAFELAUNCH-series	
SURVITEC (SCI)	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	SAFELAUNCH-series	
SURVITEC (SCI)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SLA 3.5-series	
SURVIVAL SYSTEMS INT.	Devices For Activating Release: Central Release Unit	SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series	
SURVIVAL SYSTEMS INT.	Lifeboat on load lift over centre	SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series	
T-ISS	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	21-25 KN-series, 31-37 KN-series	
T-ISS BV	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	PX02-series, PXO1-series	
T-ISS BV	Rescue boat offload w. Onload capability	PX03-series	
THANNER & CO AS (NORPOL)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	ILR-series, IRB-series	

MAKE	TYPE	MODELS/SERIES	
TSUNEISHI	Devices For Activating Release: Central Release Unit	43GS-1-series	
TSUNEISHI	Devices For Activating Release: Hydrostatic Unit with Diaphragm	43GS-1-series	
TSUNEISHI	Lifeboat on load lift not over centre, up and down pins / collars	43GS-1-series	
VANGUARDE	Devices For Activating Release: Central Release Unit	C-SAFE-series, SH-series	
VANGUARDE	Devices For Activating Release: Hydrostatic Unit with Diaphragm	C-SAFE-series, SH-series	
VANGUARDE	Lifeboat on load lift not over centre, Curve to flat rotating cams	C-SAFE-series, SH-series	
VERHOEF	Devices for activating release: Free Fall Hydraulic Primary and Secondary	TWISTLOCK-series	
VERHOEF	Freefall Hydraulic / mechanical	TWISTLOCK-series	
VESTDAVIT	Rescue boat offload lift over center	LB-series	
VIKING NORSAFE	Rescue boat offload lift over center	VIKING 1.6-series	
VIKING (NADIRO)	Lifeboat on load lift over centre	DIB-series	
VIKING (NORSAFE)	Devices For Activating Release: Central Release Unit	NADIRO D.I.B-series, TOR MK 1-series, TOR MK 2-series	
VIKING (NORSAFE)	Devices For Activating Release: Electronic Sensor	NADIRO D.I.B-series	
VIKING (NORSAFE)	Devices for activating release: Free Fall Hydraulic Primary and Secondary	GES-series, HRS-series, NFFH- series	
VIKING (NORSAFE)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	TOR MK 1-series, TOR MK 2-series	
VIKING (NORSAFE)	Fast Rescue boat offload	K4-series	
VIKING (NORSAFE)	Freefall Hydraulic / mechanical	HRS-series, NFFH-series	
VIKING (NORSAFE)	Lifeboat on load lift not over centre, flat to flat rotating cams	TOR MK 1-series, TOR MK 2-series	
VIKING (NORSAFE)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	RCH 36-series	
WILLIAM MILLS	Devices For Activating Release: Central Release Unit	TITAN-series	
WILLIAM MILLS	Devices For Activating Release: Hydrostatic Unit with Diaphragm	TITAN-series	
WILLIAM MILLS	Lifeboat Offload release lift over centre	EMPRESS-series	
WILLIAM MILLS	Lifeboat on load lift not over centre, flat to flat rotating cams	TITAN-series	
WUXI HAIHONG BOAT MAKING CO., LTD	Devices For Activating Release: Central Release Unit	HH43-series	
WUXI HAIHONG BOAT MAKING CO., LTD	Devices For Activating Release: Hydrostatic Unit with Diaphragm	HH43-series	
WUXI HAIHONG BOAT MAKING CO., LTD	Lifeboat on load lift not over centre, up and down pins / collars	HH43-series	
WUXI MINGZI MACHINERY MANUFACTURING CO., LTD	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	21-37KN-series, 250T 25-series	

MAKE	TYPE	MODELS/SERIES	
WUXI MINGZI MACHINERY MANUFACTURING CO., LTD	Rescue boat offload w. Onload capability	15KN-series	
WUXI WENJIAO	Fast Rescue Boat Offload with On-Load Capability	HK-series	
WUXI XINGSHENG	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	21KN_23KN_25KN_35KN-series, XS-series	
WUXI XINGSHENG	Rescue boat offload w. Onload capability	15KN-series, XS15-series	
YILMAZ DENIZCILIK	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	YDGS-series	
ZHEJIANG NORSIER LIFESAVING EQUIPMENT TECHNOLOGY CO.,LTD (ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD)	Devices For Activating Release: Central Release Unit	HK40-series	
ZHEJIANG NORSIER LIFESAVING EQUIPMENT TECHNOLOGY CO.,LTD (ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD)	Devices For Activating Release: Hydrostatic Unit with Diaphragm	NHK40-series	
ZHEJIANG NORSIER LIFESAVING EQUIPMENT TECHNOLOGY CO.,LTD (ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD)	Lifeboat on load lift not over centre, Curve to flat rotating cams	NHK40-series	
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Fast Rescue Boat Offload with On-Load Capability	HK-series	
ZHEJIANG WANTONG HEAVY INDUSTRY CO., LTD	Freefall Hydraulic / mechanical	HK-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Freefall Hydraulic / mechanical	SH-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Fast Rescue Boat Offload with On-Load Capability	HK40-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Lifeboat on load lift not over centre, Curve to flat rotating cams	HK-series	

Remarks:

1. Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.18.
2. Company Supervisors and Authorized Personnel to carry out maintenance and inspection on Classification projects, pertinent to this approval, are controlled by the Certificate Holder Training and Qualification Procedure.
3. Evidence of valid qualifications and trainings, as required for service technicians for the relevant service, must be presented to attending surveyors at the time of conducting service.

A AV L I HE I VR

Certificate no.:
AOSS0000JRF
Revision no.:
2

This is to certify that

Star International Ltd

Merseyside, United Kingdom

is granted acceptance for
Inspection and testing of centralised gas welding and cutting equipment , in accordance with Class Programme DNV-CP-0484 Edition October 2024.

This service supplier certificate will be accepted for use with all rule sets published by DNV.
See the following page(s) for details regarding application.

This Certificate is valid from **2024-12-09** to (inclusive) **2027-12-08**.

This Certificate is issued on **2025-09-30**.

for **DNV**

Kosciolowski, Dominik

This Certificate may be withdrawn if:
1. The service provided has been improperly carried out or the results improperly reported.
2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.
3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.
4. The conditions listed in the certificate are changed and/or are not fulfilled.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Application:

1. The Requirements stated in Class Programme DNV-CP-0484 (October 2024) and IACS UR Z17, Rev.18 continue to be met. The Approval is conditional upon the firm maintaining the audited scheme and notifying DNV of any significant changes in personnel, equipment or procedures.
2. Company Supervisors and Authorized Personnel to carry out Inspection and Testing of centralized gas welding and cutting equipment, pertinent to this Approval is controlled by the Certificate Holder Training and Qualification Procedure.